

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104016.D
 Acq On : 28 Mar 2018 18:04
 Operator : JU/SJ
 Sample : J2087-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:36:24 PM

Quant Time: Mar 28 18:53:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138606	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	556846	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	224357	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	257045	20.00	ng	0.02
75) Chrysene-d12	14.16	240	226838	20.00	ng	0.00
86) Perylene-d12	15.70	264	250255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1176204	135.33	ng	0.00
7) Phenol-d6	6.61	99	1383087	129.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	836229	91.84	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	248190	99.35	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	1307311	91.89	ng	0.00
78) Terphenyl-d14	13.09	244	842082	85.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	137215	36.605	ng	# 89
3) Pyridine	3.70	79	135393m	14.267	ng	
4) n-Nitrosodimethylamine	3.63	42	132999m	47.151	ng	
6) Aniline	6.65	93	324662	25.362	ng	# 79
8) 2-Chlorophenol	6.76	128	453276	47.543	ng	94
9) Benzaldehyde	6.52	77	192009	32.729	ng	97
10) Phenol	6.62	94	542119	45.757	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	413909	40.541	ng	90
12) 1,3-Dichlorobenzene	6.91	146	451012	42.083	ng	98
13) 1,4-Dichlorobenzene	6.98	146	486636	42.377	ng	99
14) 1,2-Dichlorobenzene	7.13	146	422493	40.933	ng	99
15) Benzyl Alcohol	7.11	79	329217	47.353	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	490863	44.131	ng	60
17) 2-Methylphenol	7.22	107	351017	45.236	ng	# 91
18) Hexachloroethane	7.47	117	156396	40.677	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	279851	44.100	ng	93
20) 3+4-Methylphenols	7.37	107	436509	44.077	ng	# 70
22) Acetophenone	7.38	105	588064	43.648	ng	# 98
24) Nitrobenzene	7.56	77	432257	45.119	ng	94
25) Isophorone	7.79	82	811742	48.374	ng	98
26) 2-Nitrophenol	7.87	139	248073	49.606	ng	# 89
27) 2,4-Dimethylphenol	7.90	122	388377	53.849	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	533747	50.750	ng	99
29) 2,4-Dichlorophenol	8.11	162	376081	49.923	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	375077	43.882	ng	99
31) Naphthalene	8.27	128	1268682	46.636	ng	100
32) Benzoic acid	8.04	122	237255	44.905	ng	95
33) 4-Chloroaniline	8.33	127	317902	27.719	ng	97
34) Hexachlorobutadiene	8.37	225	195827	42.102	ng	99
35) Caprolactam	8.69	113	101000m	42.283	ng	
36) 4-Chloro-3-methylphenol	8.80	107	395278	49.608	ng	100
37) 2-Methylnaphthalene	8.96	142	791797	44.187	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	346733	50.397	ng	98
40) Hexachlorocyclopentadiene	9.10	237	113170	37.980	ng	97

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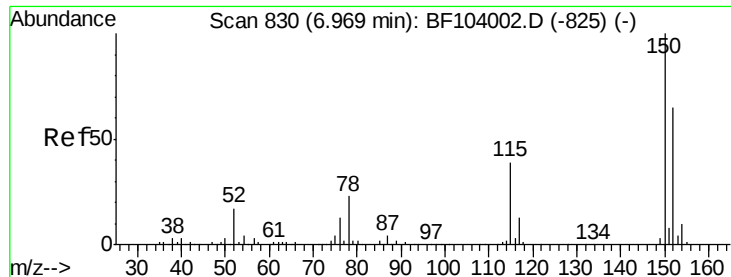
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	231162	53.061	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	259261	49.288	nq	97
45) 1,1'-Biphenyl	9.43	154	901254	46.804	nq	98
46) 2-Chloronaphthalene	9.46	162	718419	47.298	nq	99
47) 2-Nitroaniline	9.56	65	218151	50.367	nq	96
48) Acenaphthylene	9.87	152	964510	41.915	nq	99
49) Dimethylphthalate	9.73	163	930036	52.504	nq	99
50) 2,6-Dinitrotoluene	9.80	165	185345	48.635	nq	88
51) Acenaphthene	10.05	154	539556	40.532	nq	99
52) 3-Nitroaniline	9.97	138	143498	32.756	nq	# 95
53) 2,4-Dinitrophenol	10.08	184	131945	79.355	nq	# 26
54) Dibenzofuran	10.22	168	809063	41.620	nq	98
55) 4-Nitrophenol	10.15	139	255662	97.330	nq	90
56) 2,4-Dinitrotoluene	10.20	165	212581	43.715	nq	# 94
57) Fluorene	10.57	166	578039	36.048	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	162349	41.195	nq	# 89
59) Diethylphthalate	10.43	149	660649	38.931	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	272943	37.060	nq	97
61) 4-Nitroaniline	10.60	138	130151	31.751	nq	95
62) Azobenzene	10.72	77	557439	36.328	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	72351	46.499	nq	78
65) n-Nitrosodiphenylamine	10.67	169	551075	63.304	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	155002	56.364	nq	97
67) Hexachlorobenzene	11.12	284	159109	50.297	nq	93
68) Atrazine	11.20	200	148375	55.635	nq	90
69) Pentachlorophenol	11.32	266	156031	89.636	nq	95
70) Phenanthrene	11.54	178	662721	47.621	nq	99
71) Anthracene	11.60	178	679635	46.754	nq	98
72) Carbazole	11.75	167	587587	42.352	nq	96
73) Di-n-butylphthalate	12.06	149	794744	48.091	nq	100
74) Fluoranthene	12.73	202	673257	45.513	nq	98
76) Benzidine	12.86	184	105765	16.361	nq	# 83
77) Pyrene	12.97	202	687330	42.151	nq	99
79) Butylbenzylphthalate	13.56	149	354160	46.100	nq	98
80) Benzo(a)anthracene	14.15	228	640630	45.135	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	152426	32.444	nq	99
82) Chrysene	14.19	228	623883	44.877	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	489508	49.315	nq	100
84) Di-n-octyl phthalate	14.73	149	818764	47.952	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.29	276	705268	48.956	nq	96
87) Benzo(b)fluoranthene	15.24	252	665073	43.668	nq	97
88) Benzo(k)fluoranthene	15.27	252	651233	45.392	nq	98
89) Benzo(a)pyrene	15.64	252	646383	45.798	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	589923	45.208	nq	98
91) Benzo(g,h,i)perylene	17.78	276	566459	43.340	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

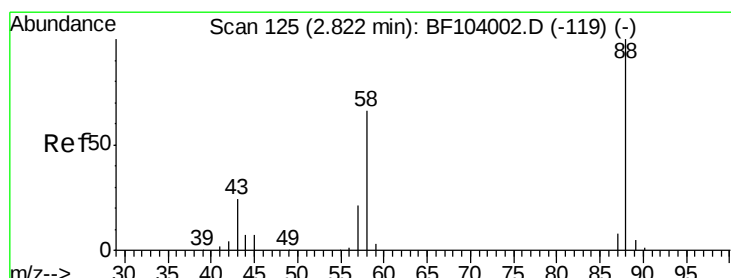
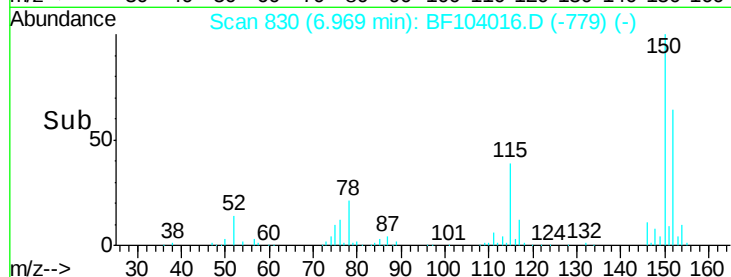
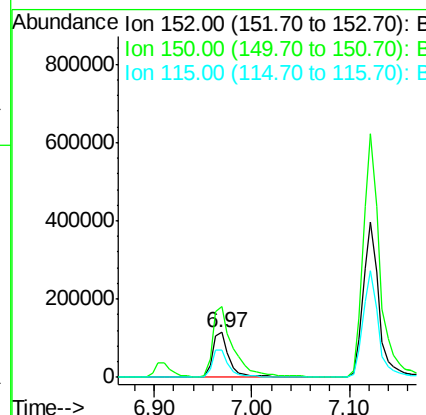
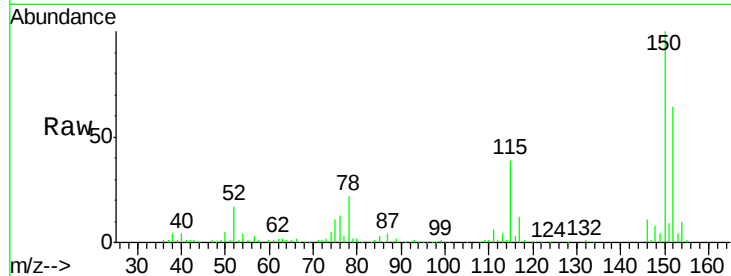
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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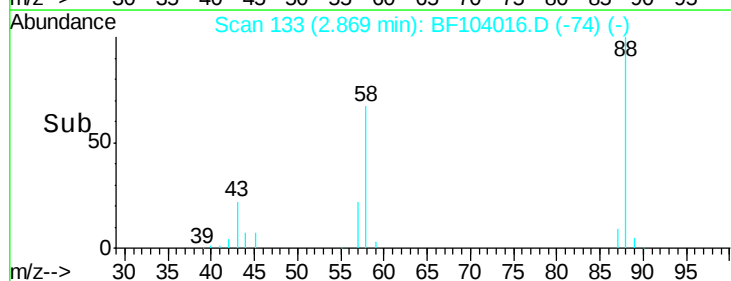
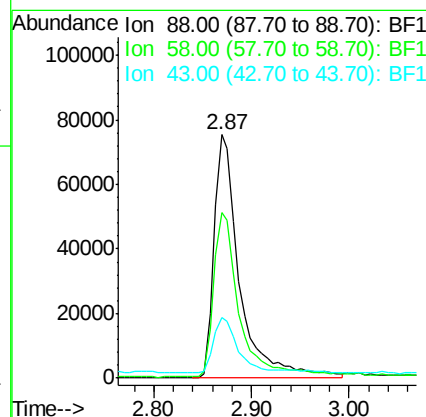
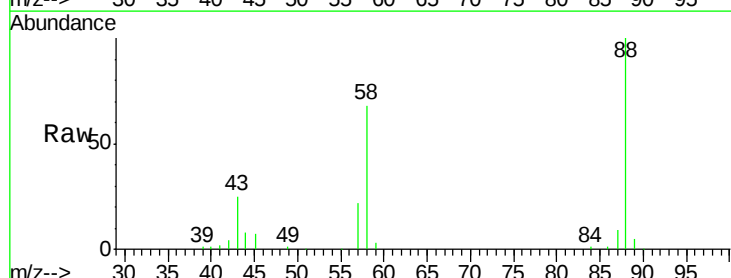
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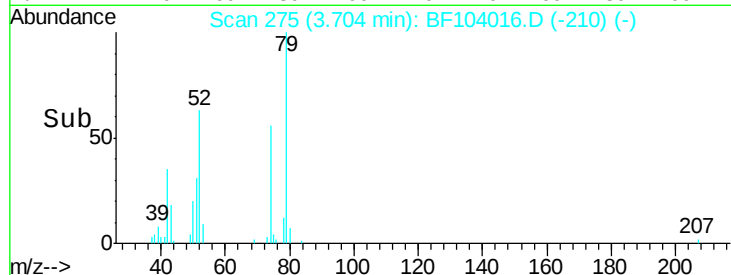
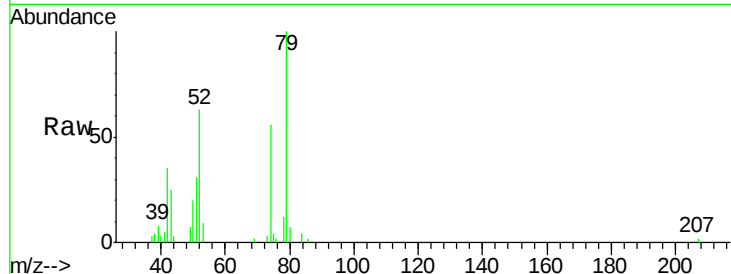
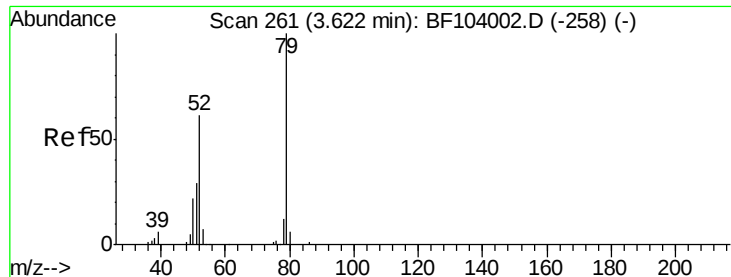


#2

1,4-Dioxane
Concen: 36.605 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.05 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	62.6	93.8
43	20.9	24.6	37.0





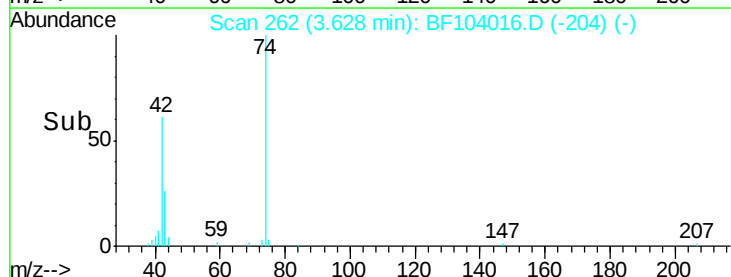
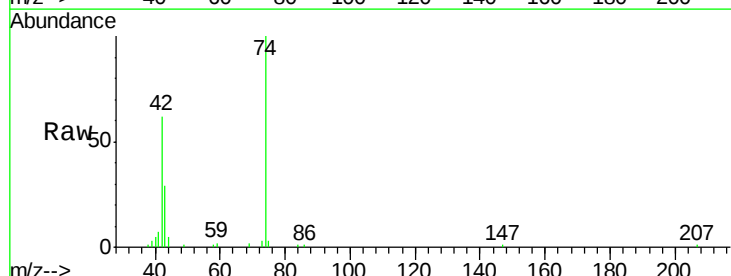
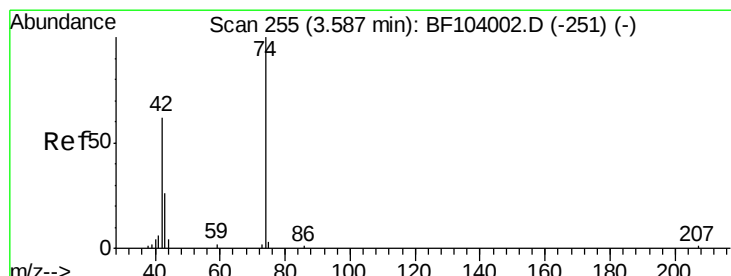
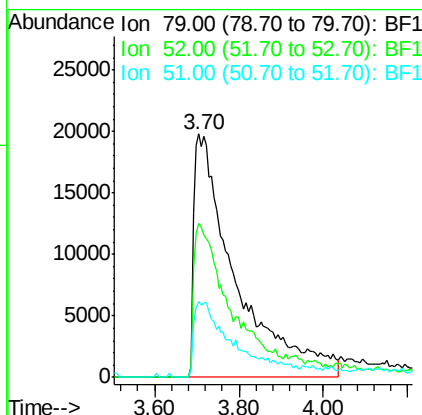
#3
Pvridine
Concen: 14.267 ng m
RT: 3.70 min Scan# 275
Delta R.T. 0.08 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	59.8	89.6
51	31.1	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

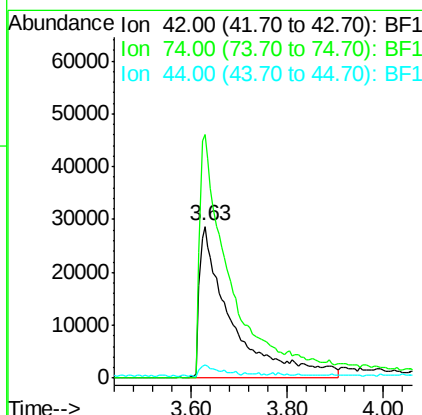
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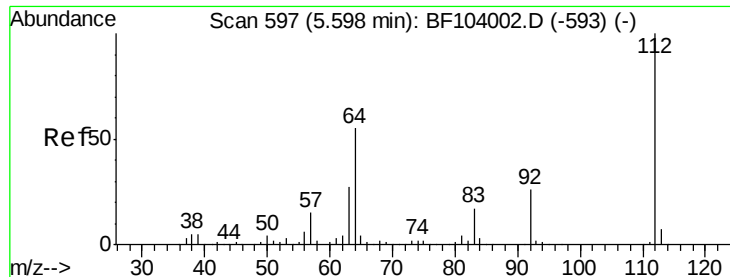
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#4
n-Nitrosodimethylamine
Concen: 47.151 ng m
RT: 3.63 min Scan# 262
Delta R.T. 0.04 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.8	104.9	157.3#
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 135.330 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:112 Resp: 1176204

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

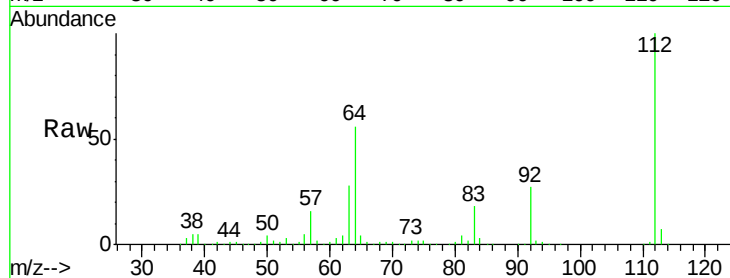
63 28.0 23.7 35.5

Manual Integrations

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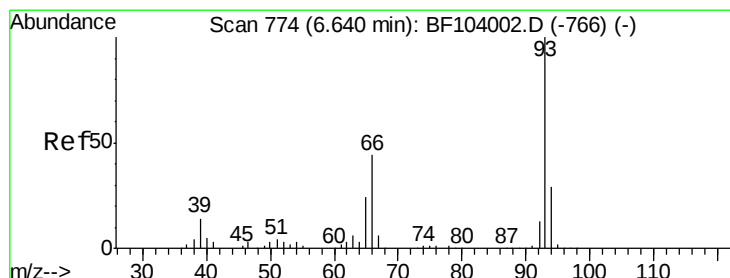
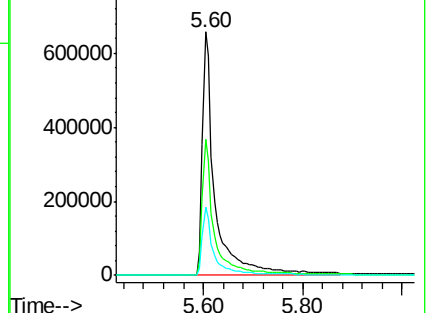
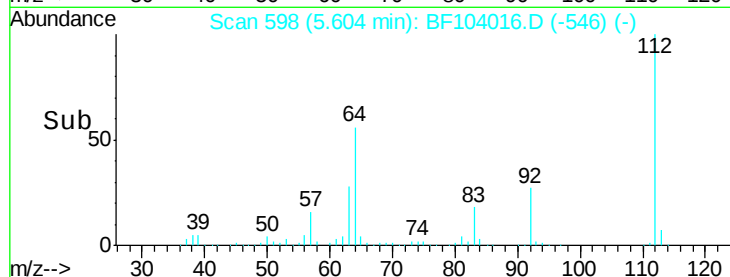
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.362 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

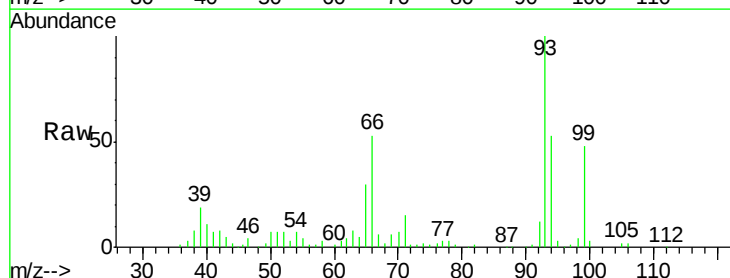
Tgt Ion: 93 Resp: 324662

Ion Ratio Lower Upper

93 100

66 53.3 32.2 48.2#

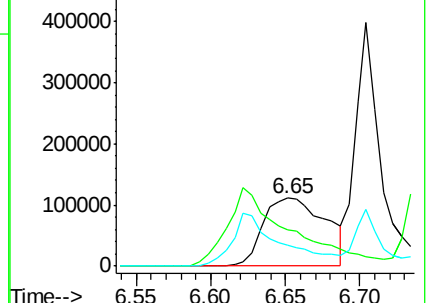
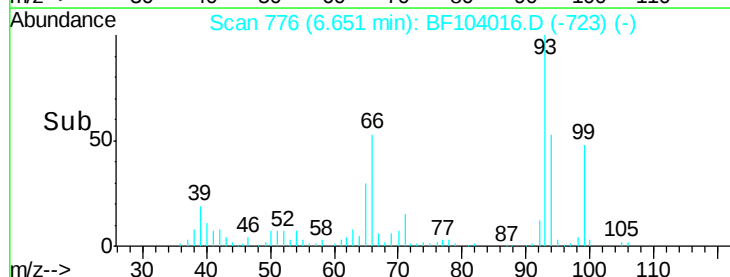
65 30.5 16.4 24.6#

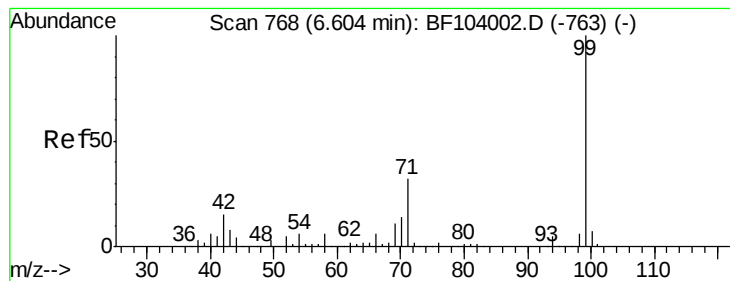


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.344 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion: 99 Resp: 1383087

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

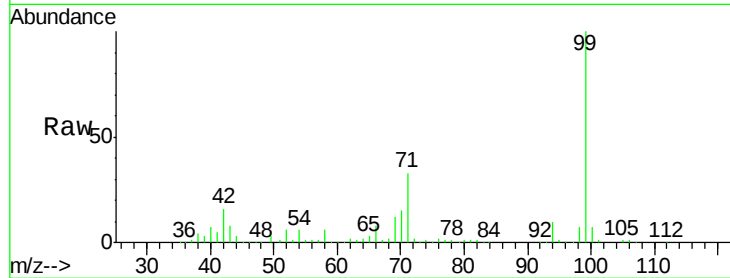
71 32.9 25.4 38.0

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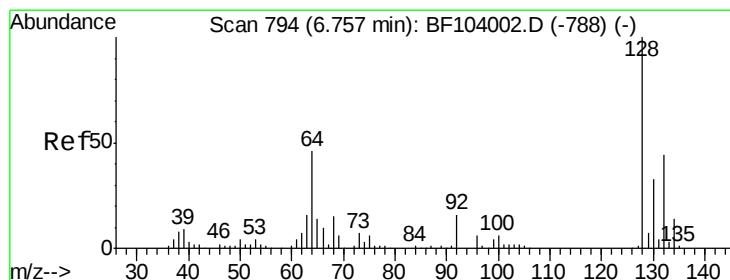
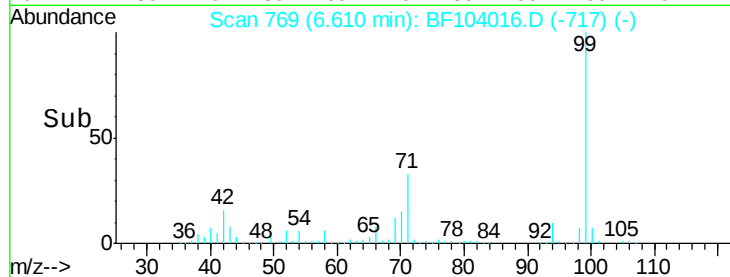
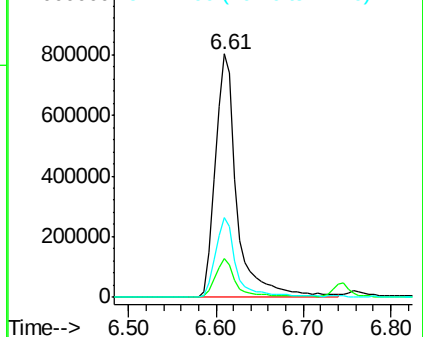
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.543 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

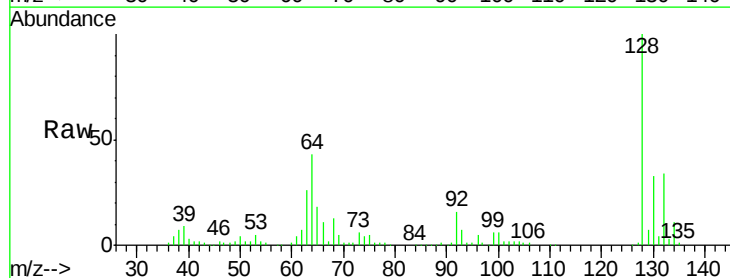
Tgt Ion: 128 Resp: 453276

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

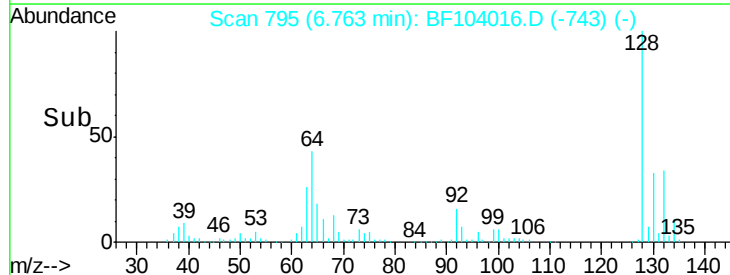
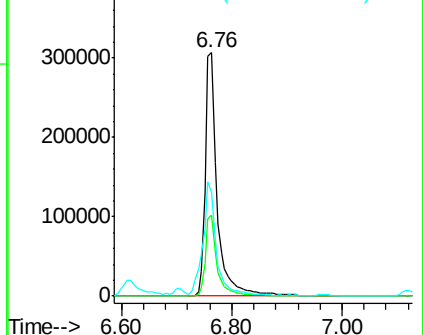
64 43.0 29.4 69.4

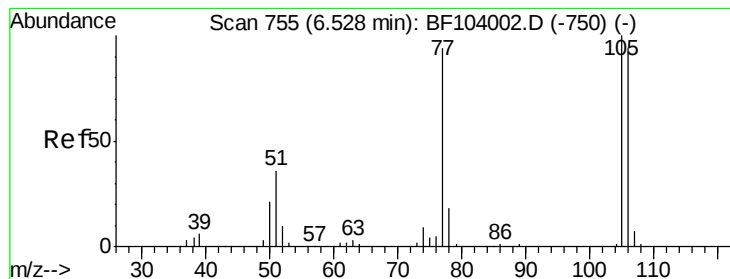


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.729 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

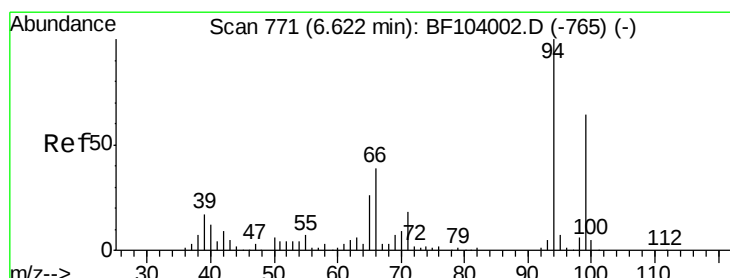
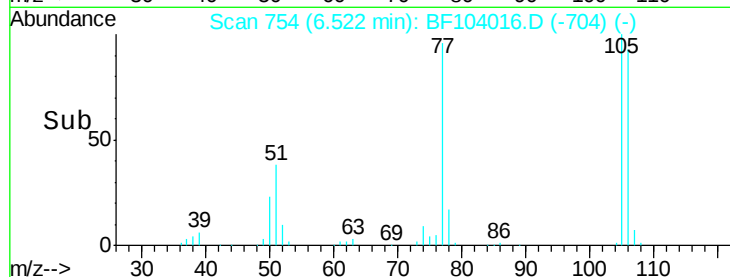
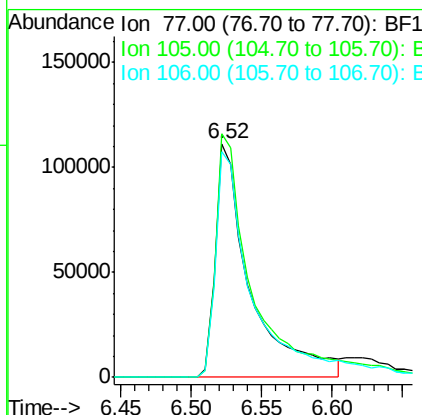
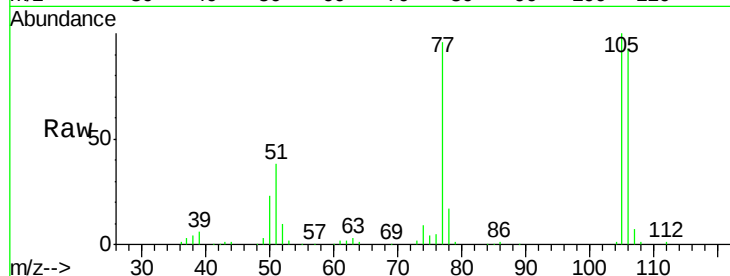
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	77	Resp:	192009
Ion	Ratio	Lower	Upper
77	100		
105	104.2	81.1	121.1
106	96.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.757 ng

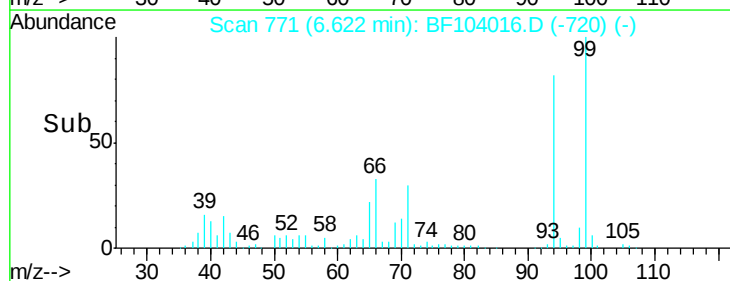
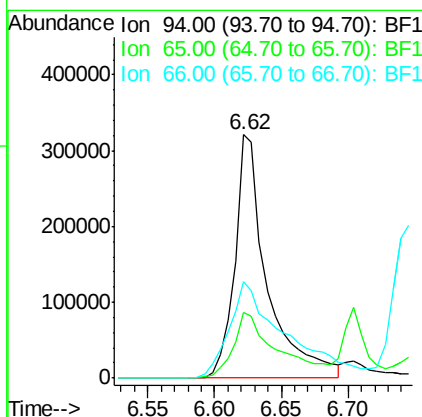
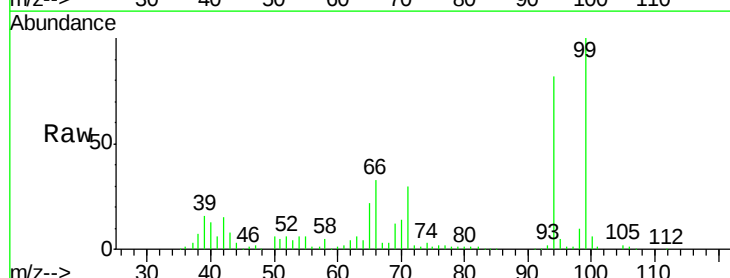
RT: 6.62 min Scan# 771

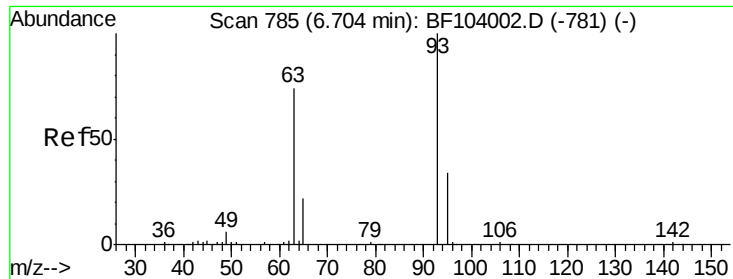
Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	94	Resp:	542119
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	39.9	16.2	56.2





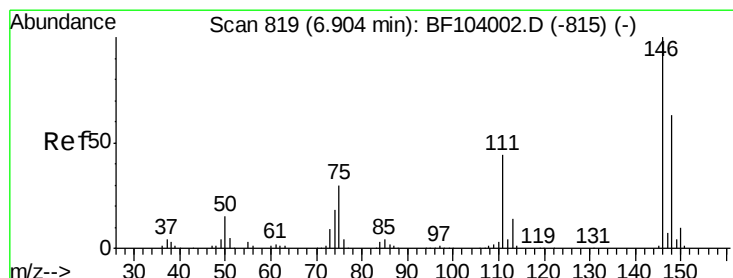
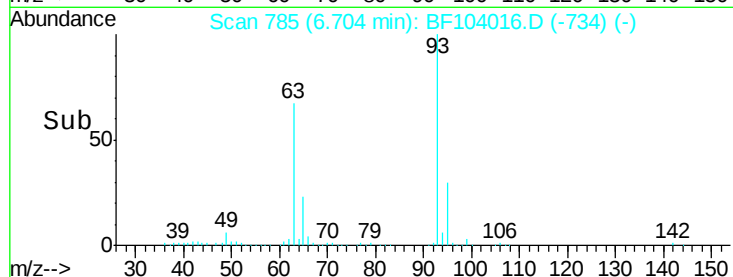
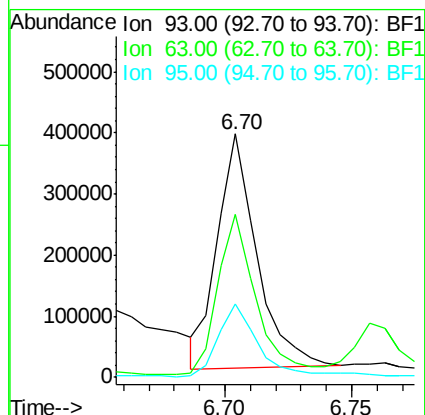
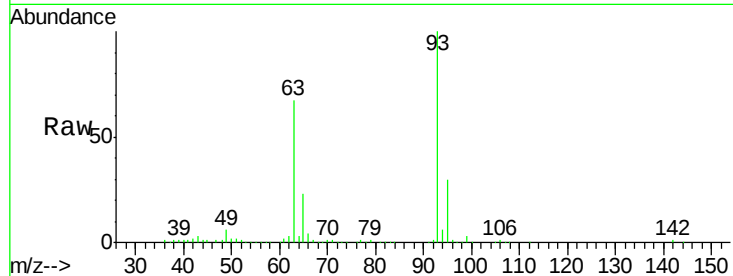
#11
bis(2-Chloroethyl)ether
Concen: 40.541 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion:	93	Resp:	413909
Ion	Ratio	Lower	Upper
93	100		
63	66.8	58.6	98.6
95	30.2	11.8	51.8

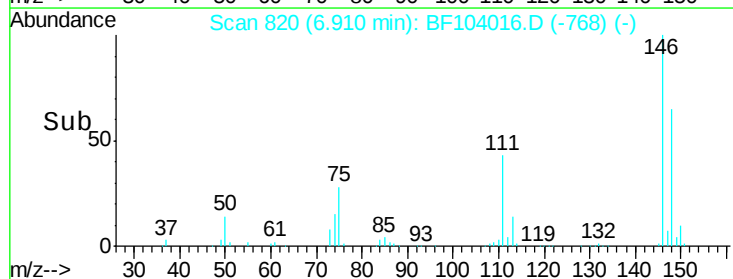
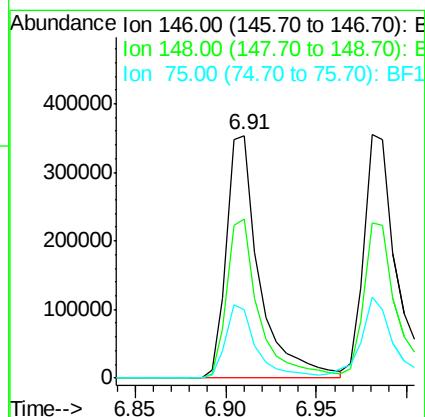
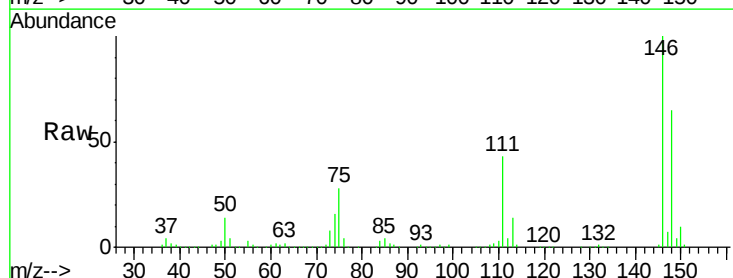
Manual Integrations
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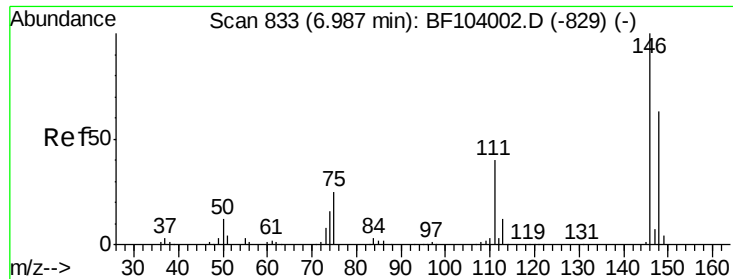
Sohil
3/29/2018 5:36:24 PM



#12
1,3-Dichlorobenzene
Concen: 42.083 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:	146	Resp:	451012
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.377 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

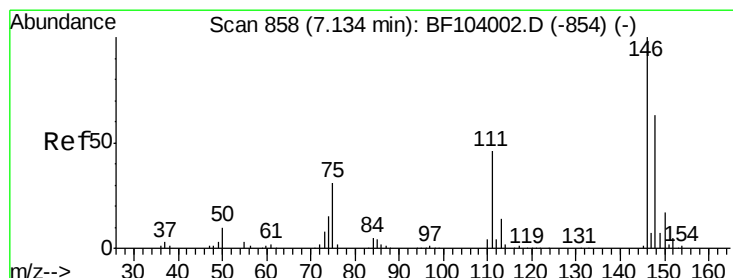
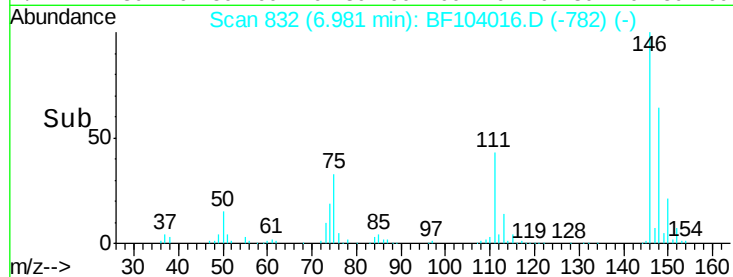
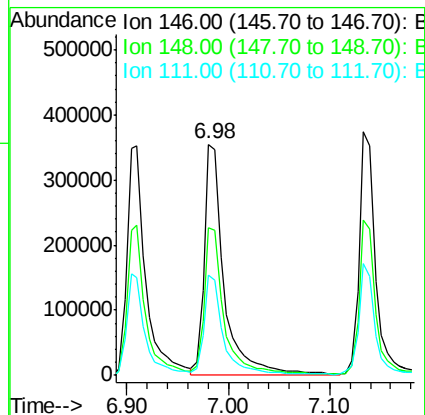
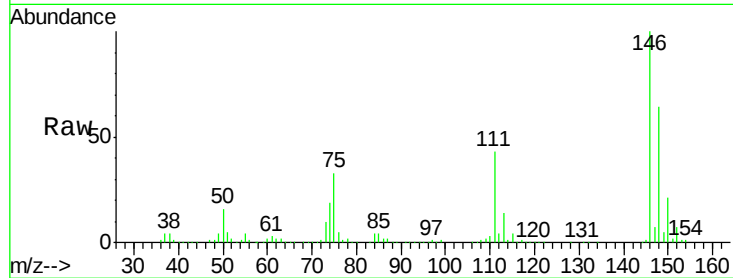
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	146	Resp:	486636
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	43.3	34.2	51.2

Manual Integrations
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3/29/2018 5:36:24 PM



#14

1,2-Dichlorobenzene

Concen: 40.933 ng

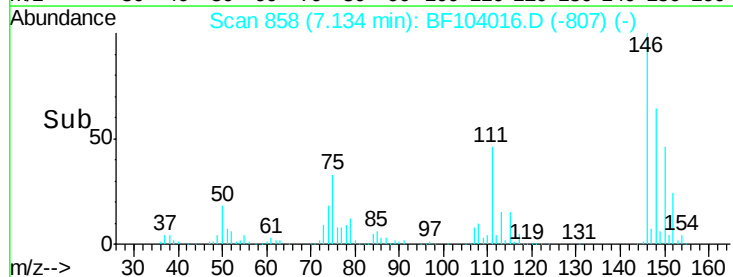
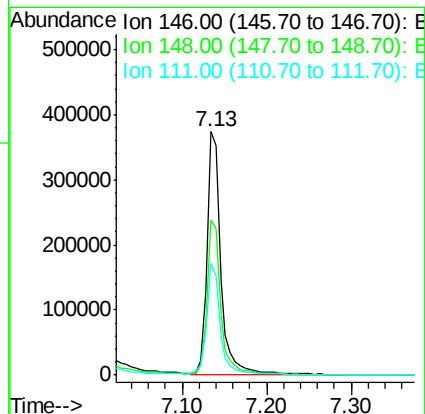
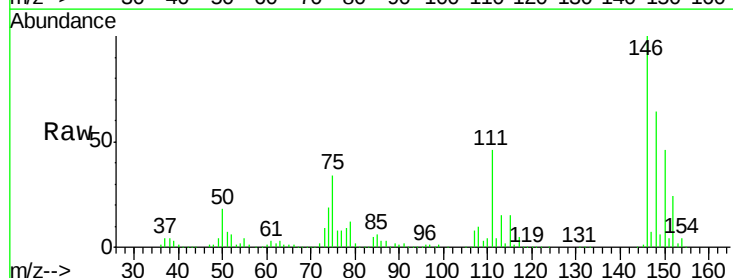
RT: 7.13 min Scan# 858

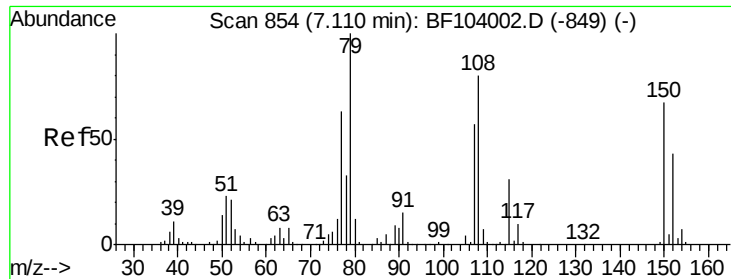
Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	146	Resp:	422493
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	46.0	36.0	54.0





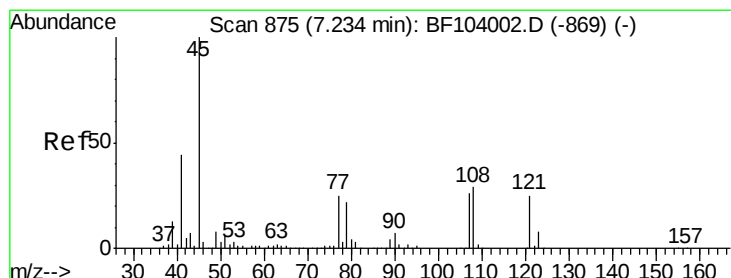
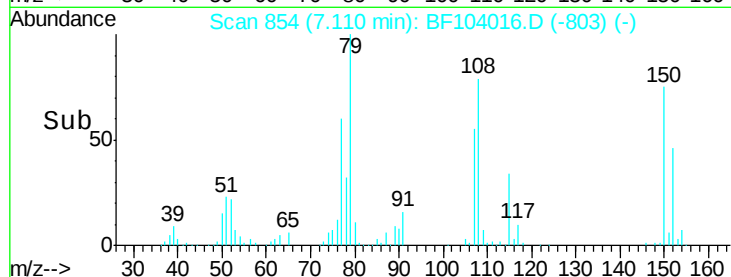
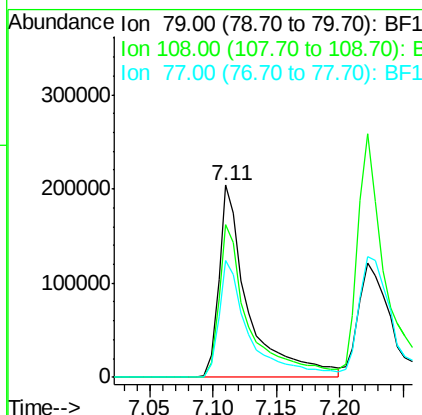
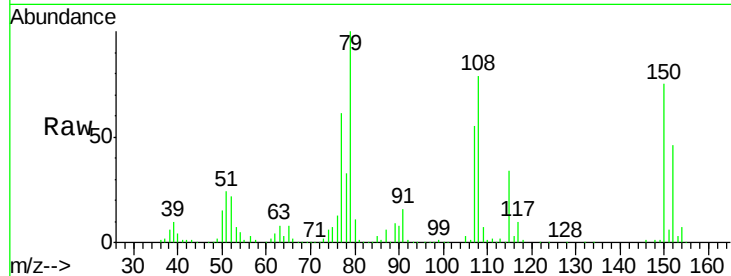
#15
Benzyl Alcohol
Concen: 47.353 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	60.8	50.6	75.8

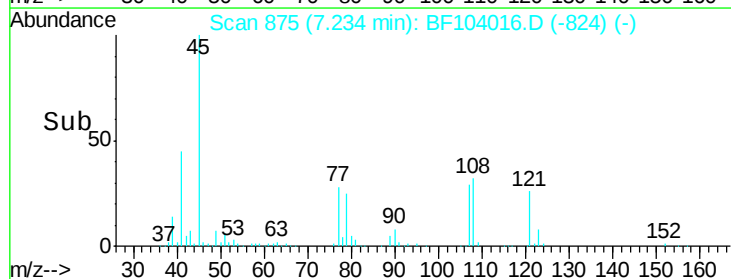
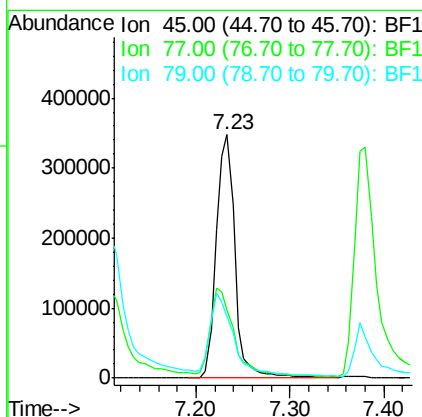
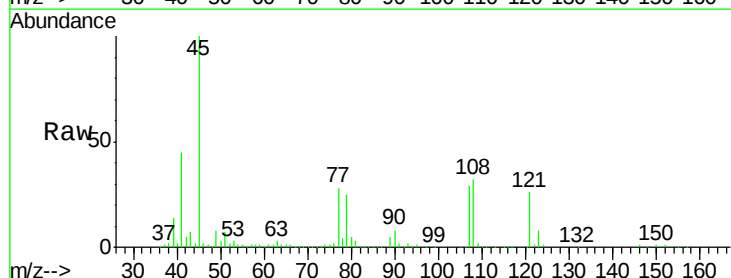
Manual Integrations
APPROVED

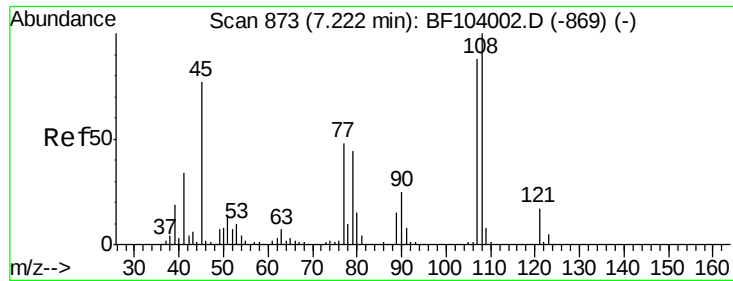
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.131 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.0	0.0	32.9
79	25.2	0.0	29.6





#17

2-Methylphenol

Concen: 45.236 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

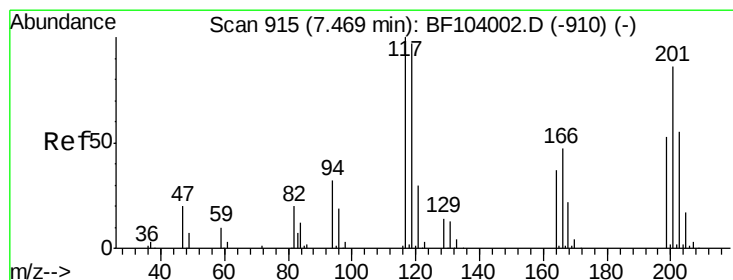
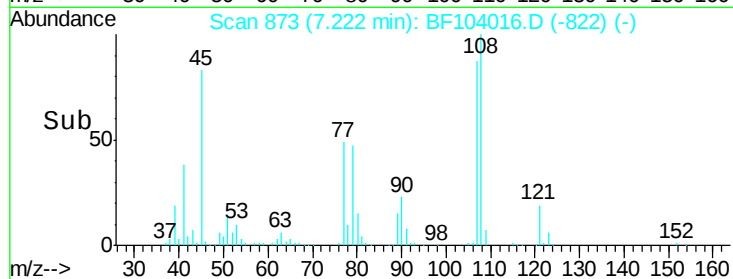
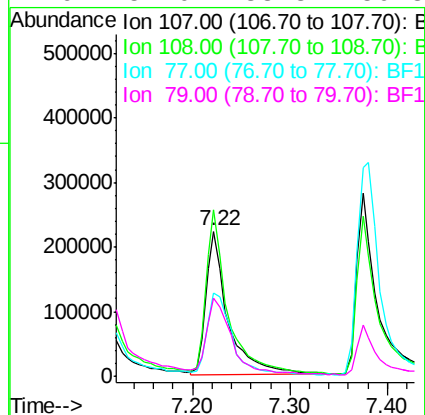
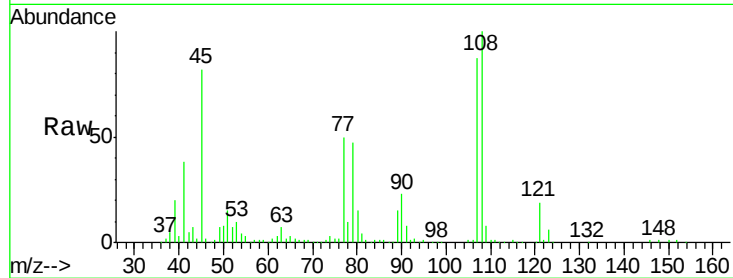
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	107	Resp:	351017
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.7	137.5
77	57.1	33.8	50.8#
79	54.0	33.8	50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 40.677 ng

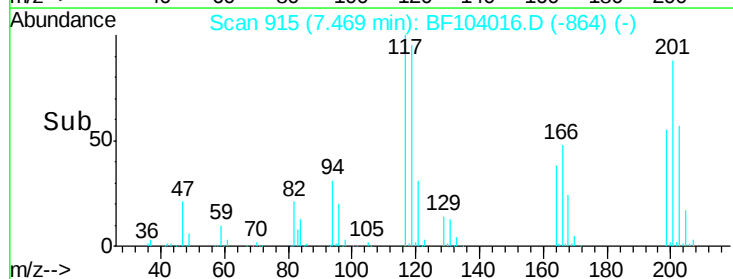
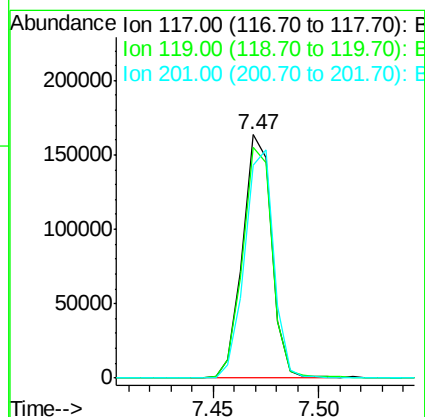
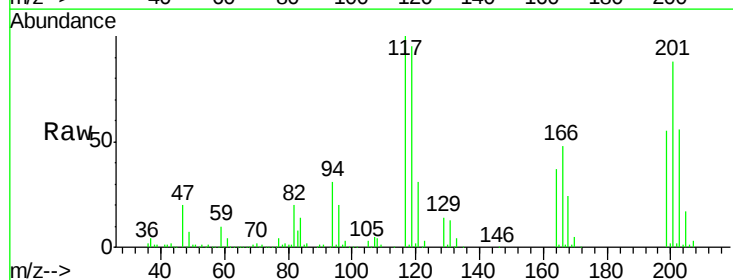
RT: 7.47 min Scan# 915

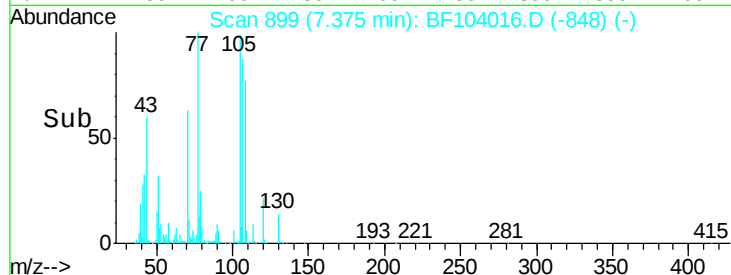
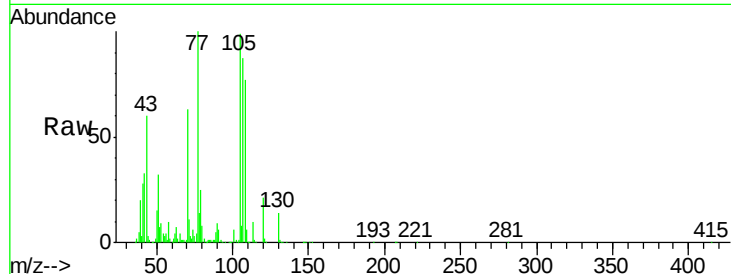
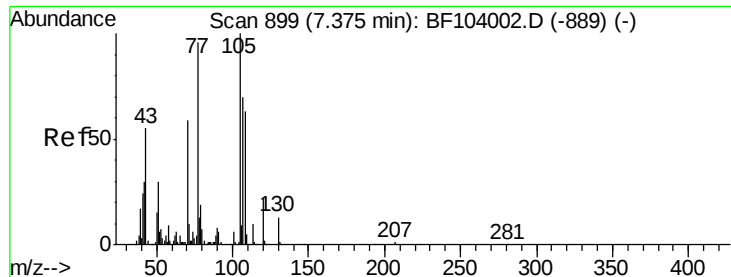
Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	117	Resp:	156396
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.8	113.8
201	87.6	75.7	113.5





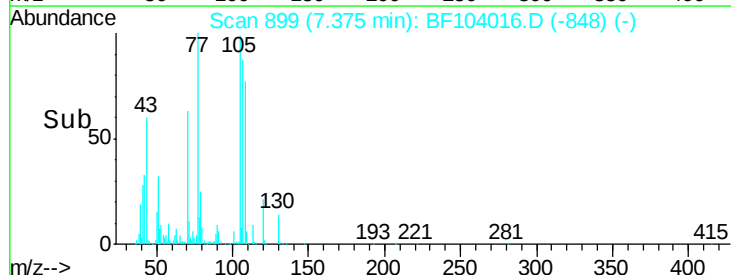
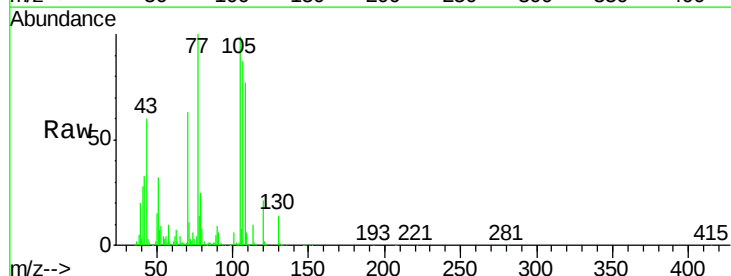
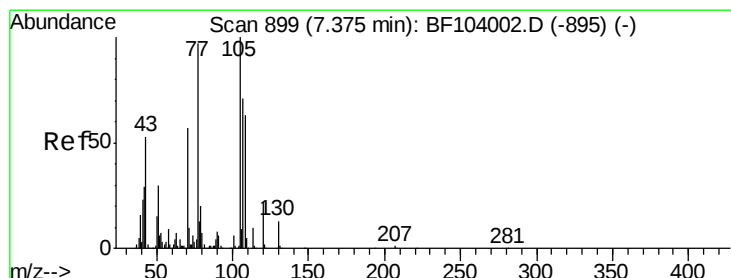
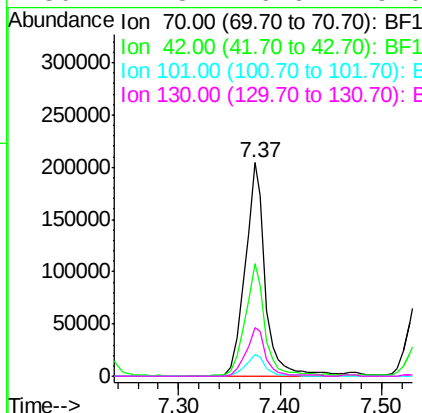
#19
n-Nitroso-di-n-propylamine
Concen: 44.100 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		279851		
42	52.5	47.5	71.3		
101	10.1	7.4	11.2		
130	22.8	16.6	25.0		

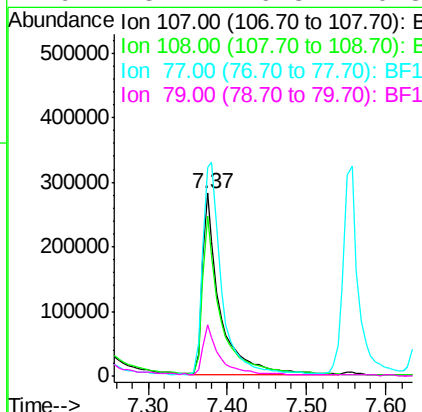
Manual Integrations
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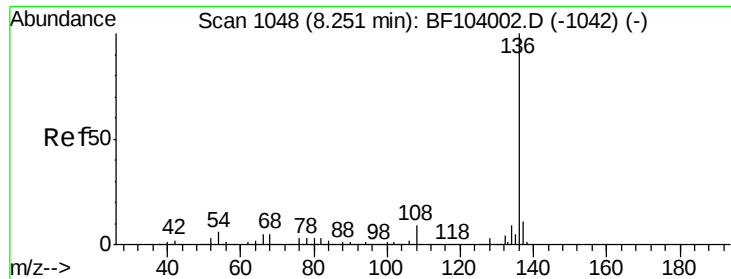
Sohil
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#20
3+4-Methylphenols
Concen: 44.077 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		436509		
108	88.0	68.2	108.2		
77	114.6	26.7	66.7#		
79	28.2	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

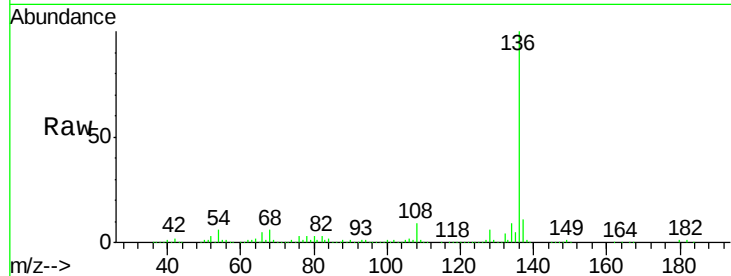
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.3	6.6	9.8	
68	5.7	5.0	7.4	

Manual Integrations
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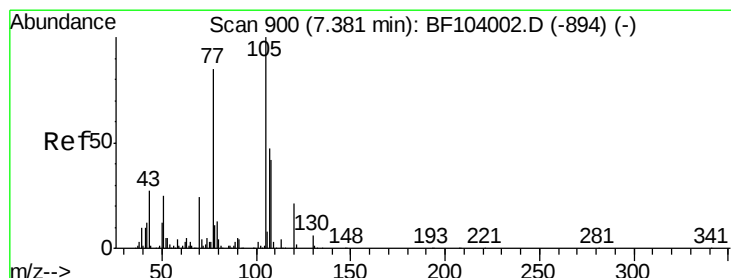
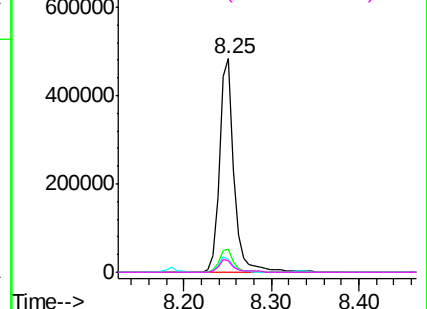
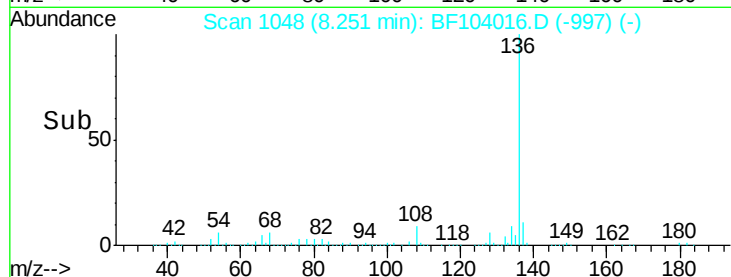


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.648 ng

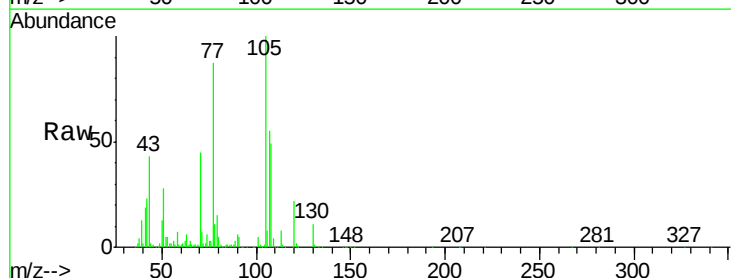
RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6	
51	27.7	22.3	33.5	
120	22.1	16.9	25.3	

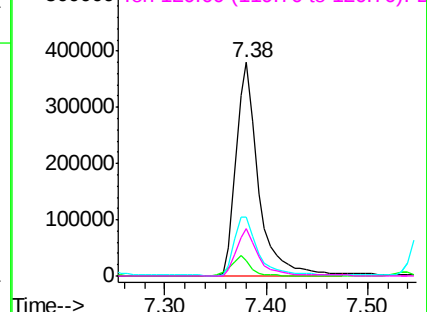
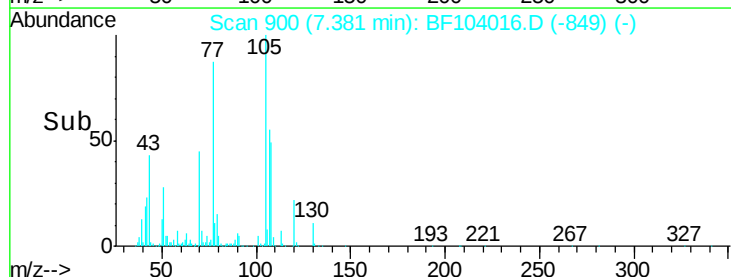


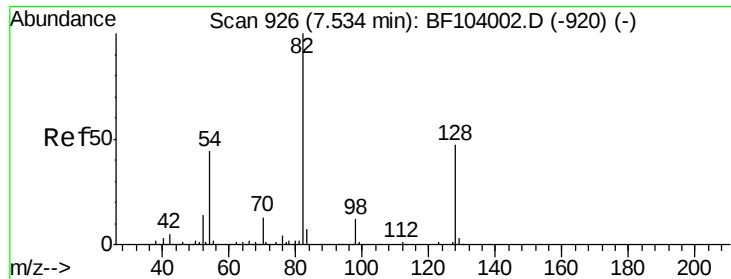
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





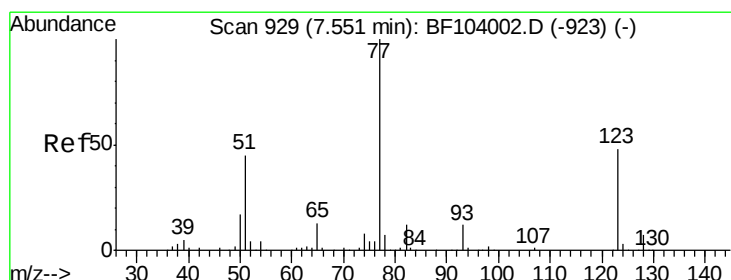
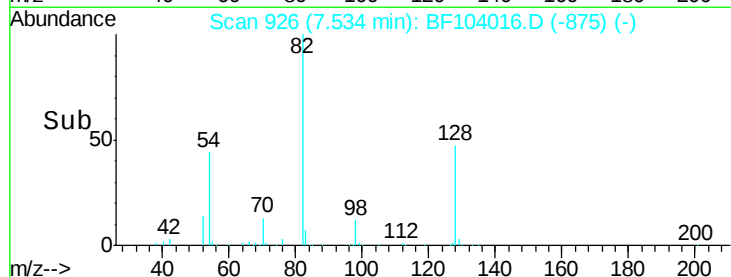
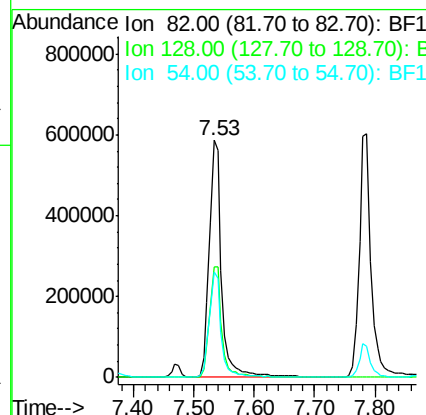
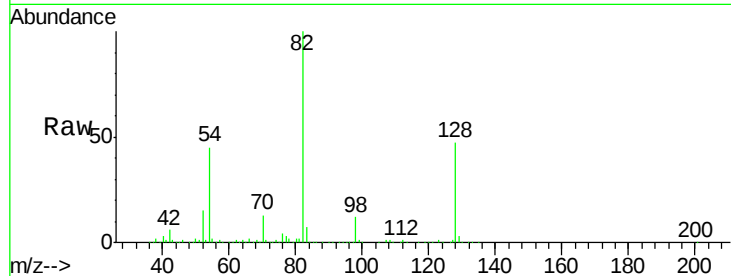
#23
 Nitrobenzene-d5
 Concen: 91.839 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.6	41.4	62.2

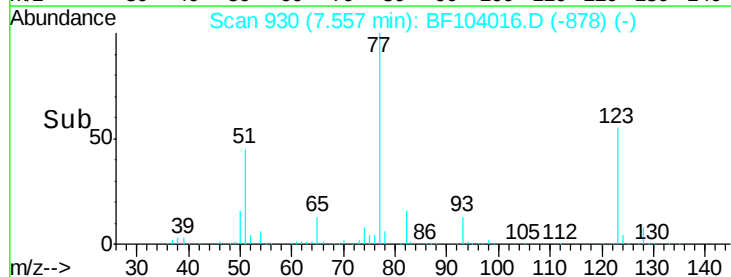
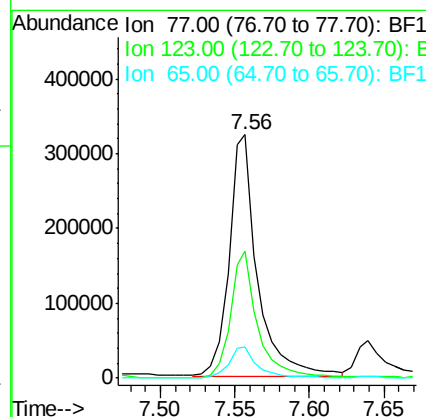
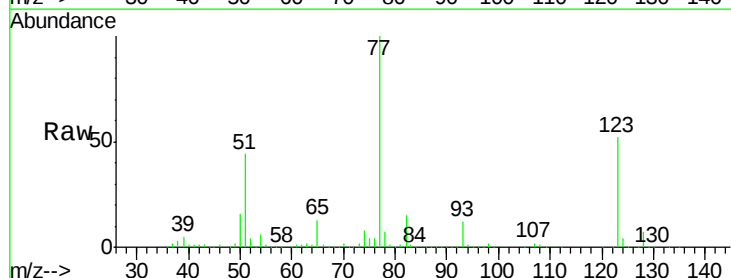
Manual Integrations
 APPROVED

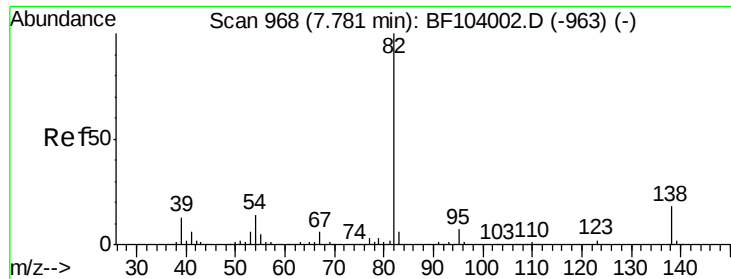
Sohil
 3/29/2018 5:36:24 PM



#24
 Nitrobenzene
 Concen: 45.119 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 48.374 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

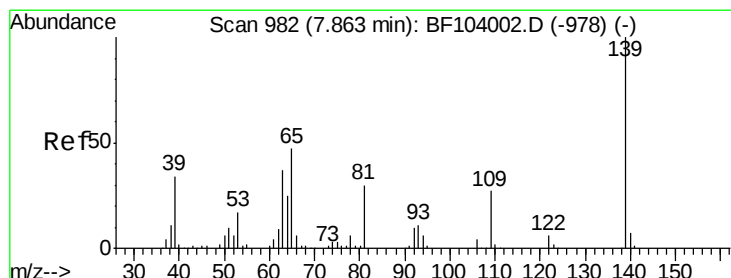
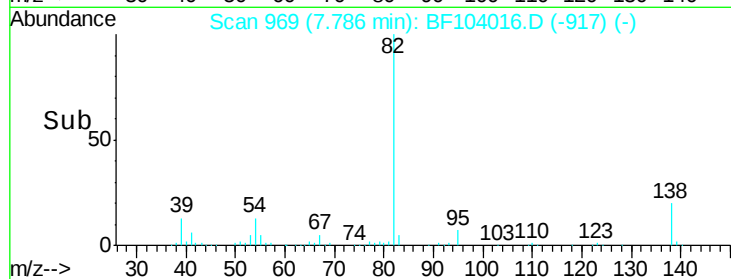
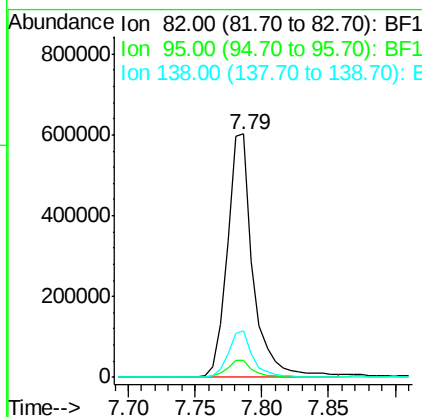
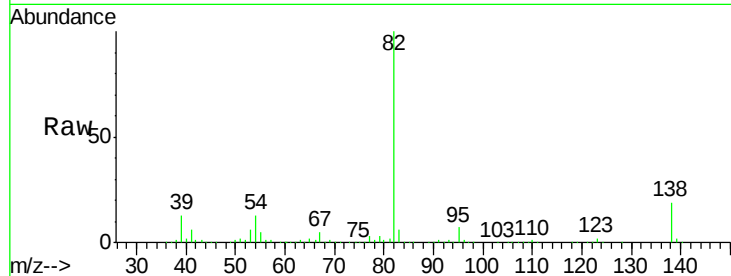
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	82	Resp:	811742
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.606 ng

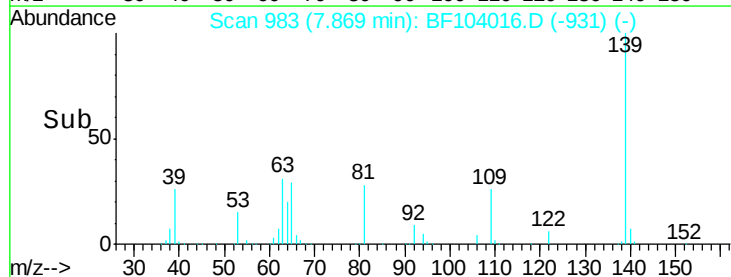
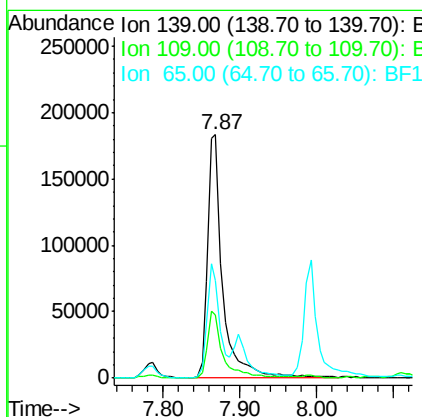
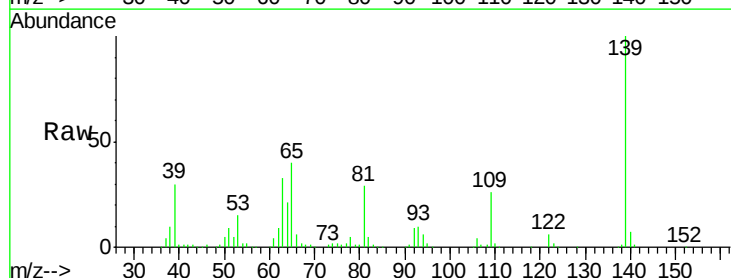
RT: 7.87 min Scan# 983

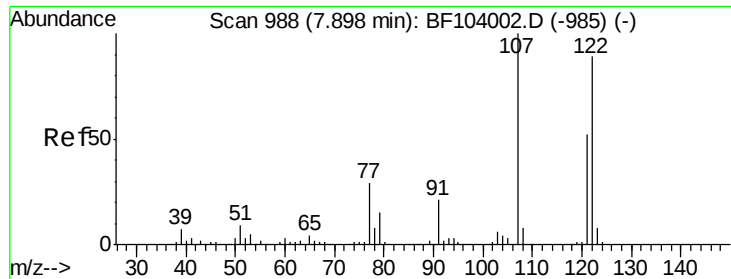
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	139	Resp:	248073
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	40.2	40.5	60.7#





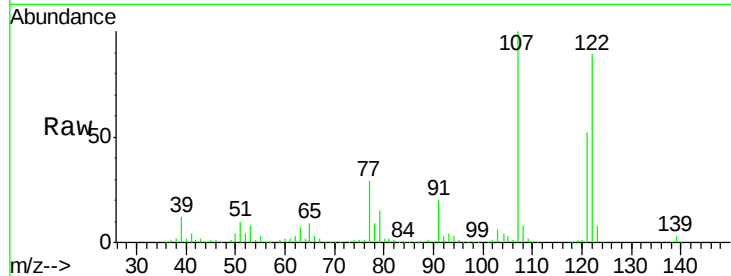
#27
2,4-Dimethylphenol
Concen: 53.849 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	91.2	136.8
121	58.6	47.2	70.8

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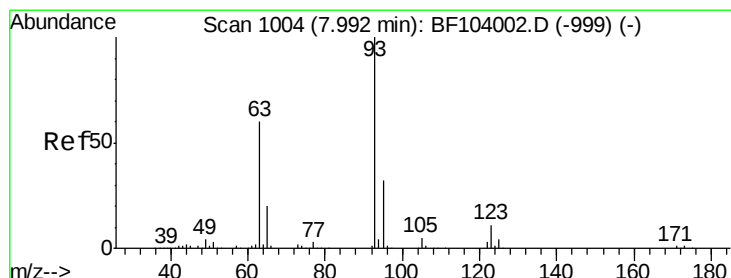
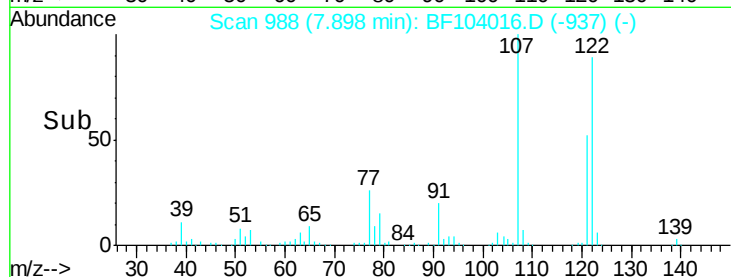
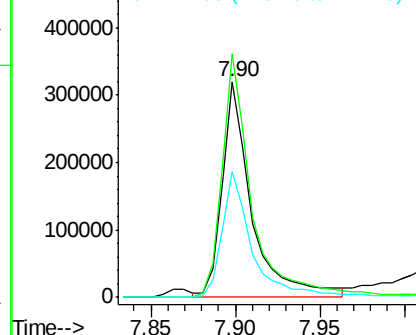


Abundance

Ion 122.00 (121.70 to 122.70): E

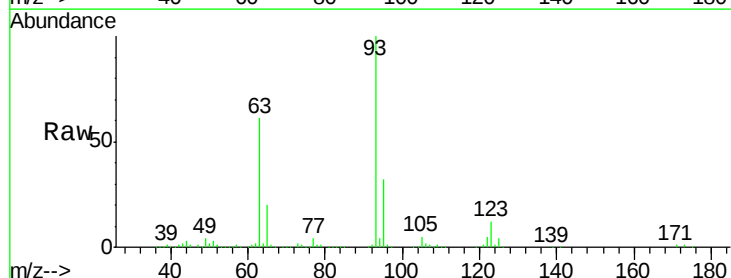
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 50.750 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.6	9.8	14.6

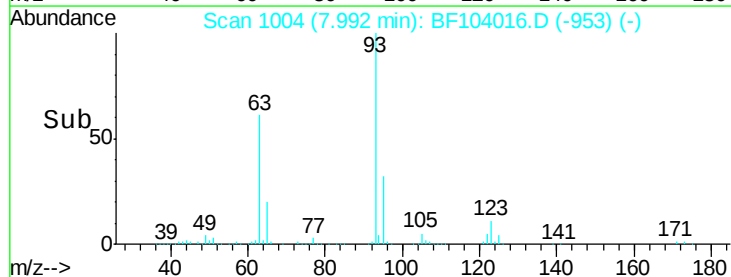
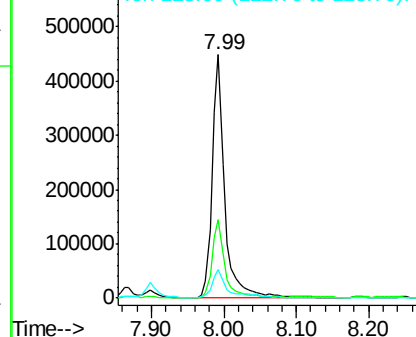


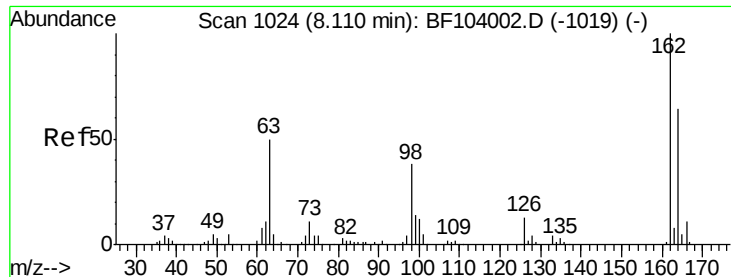
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





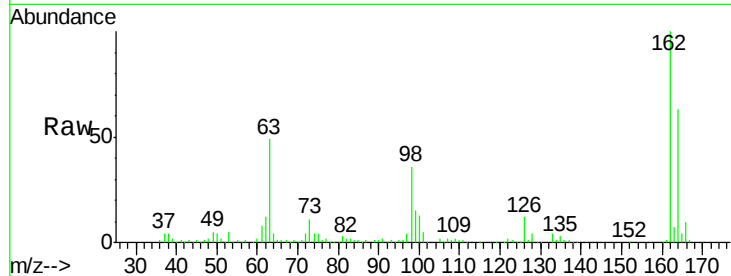
#29
 2,4-Dichlorophenol
 Concen: 49.923 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

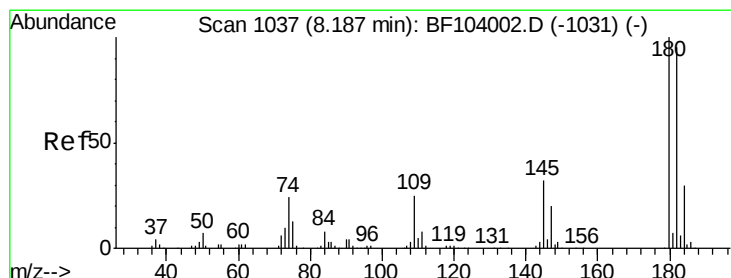
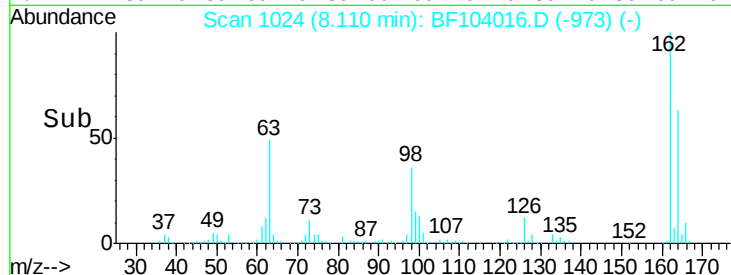
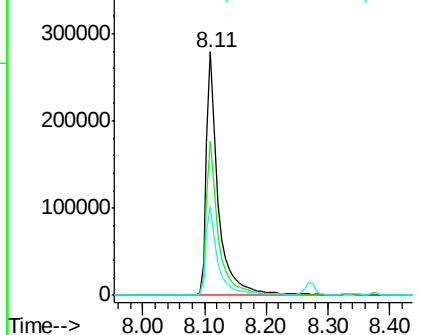
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	36.5	18.1	58.1

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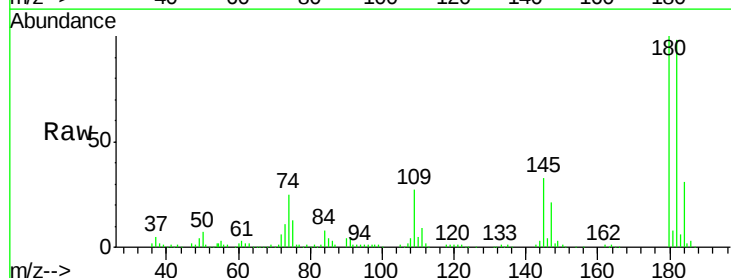


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

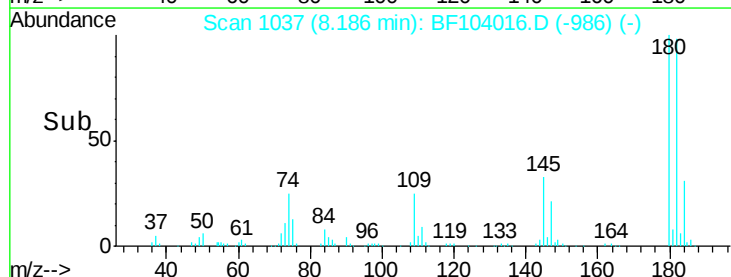
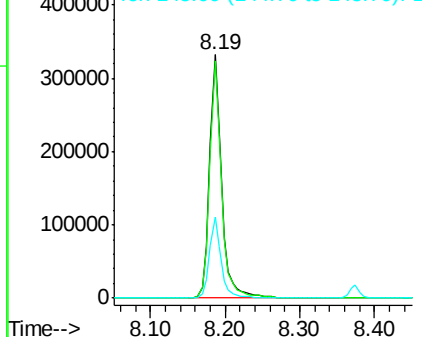


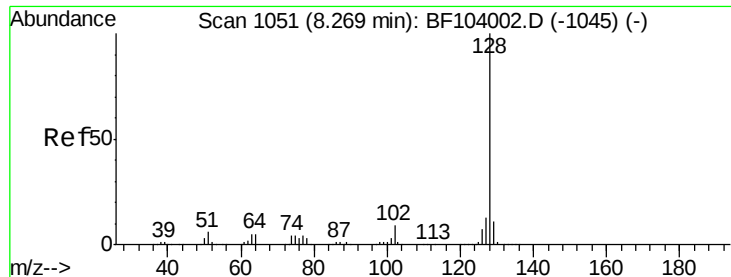
#30
 1,2,4-Trichlorobenzene
 Concen: 43.882 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	33.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.636 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:128 Resp: 1268682

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

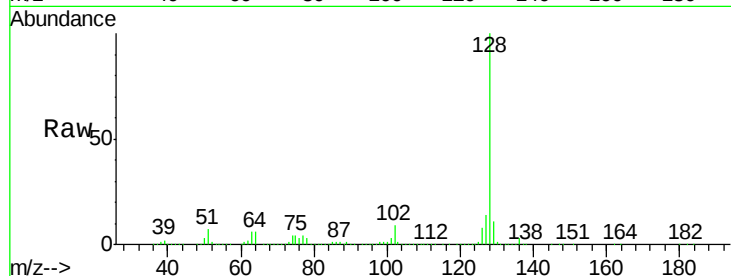
127 13.6 10.9 16.3

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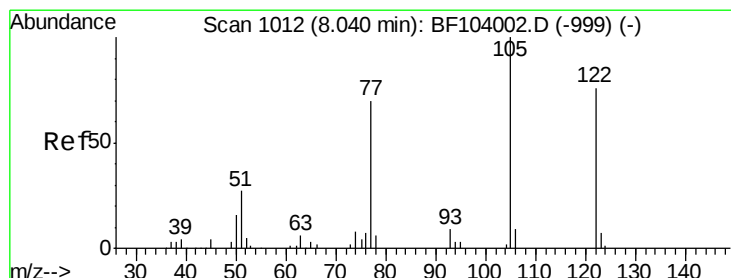
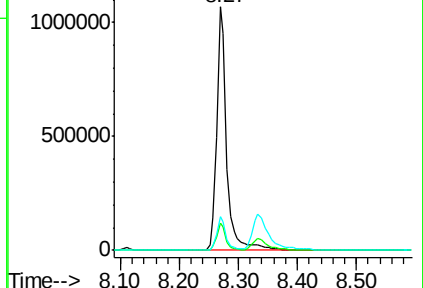
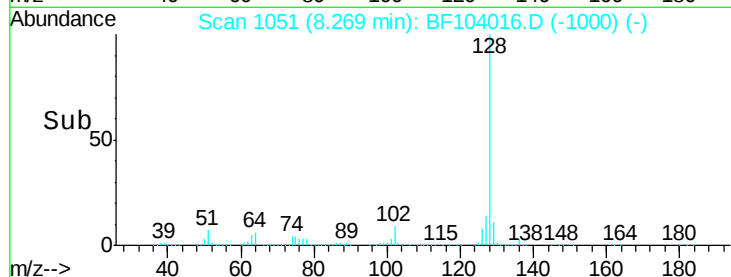
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.905 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

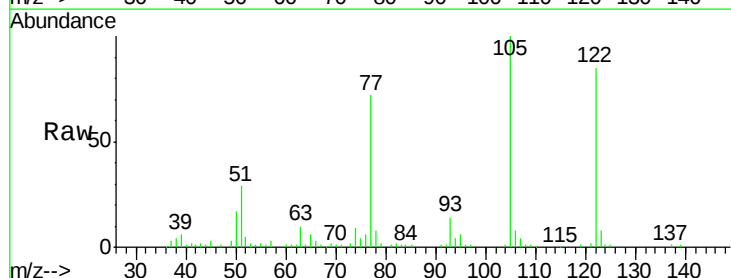
Tgt Ion:122 Resp: 237255

Ion Ratio Lower Upper

122 100

105 117.1 101.1 141.1

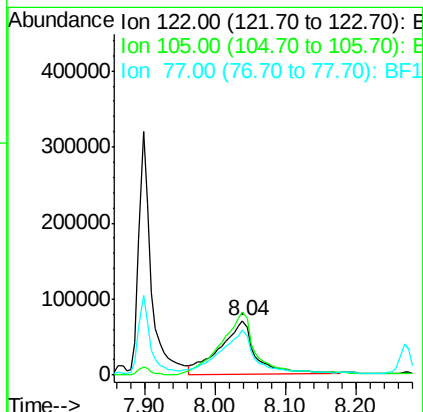
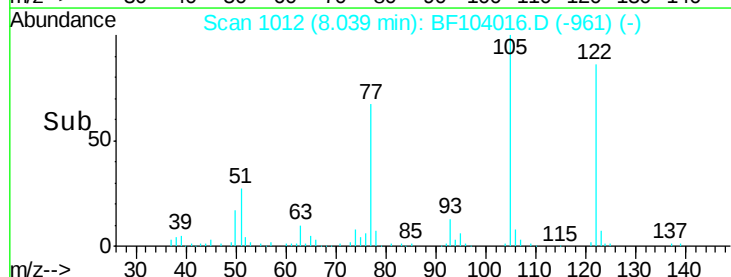
77 84.1 70.7 110.7

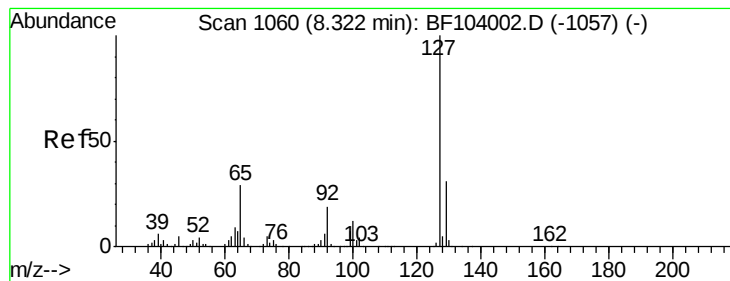


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.719 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

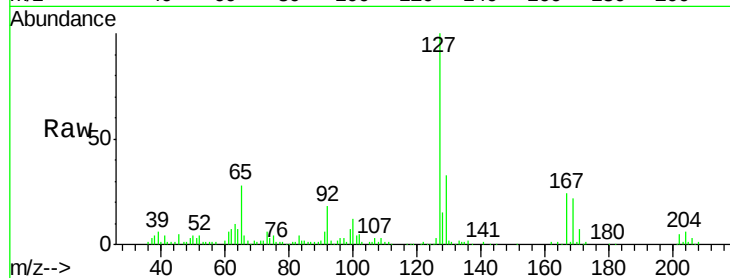
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		317902		
129	32.8	25.9	38.9		
65	28.0	25.0	37.4		
92	18.1	15.2	22.8		

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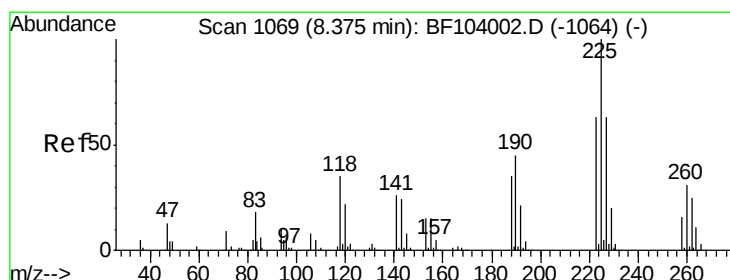
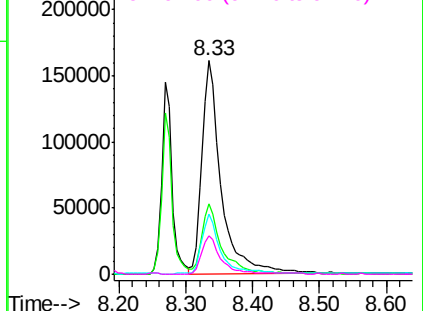
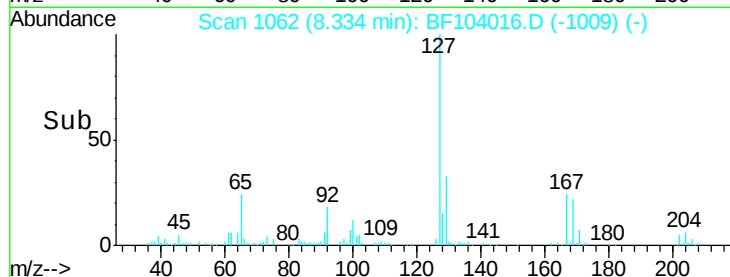


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.102 ng

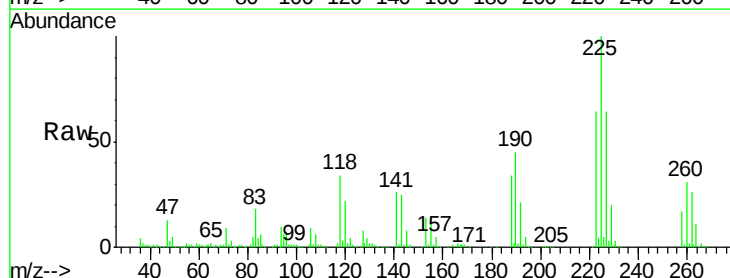
RT: 8.37 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

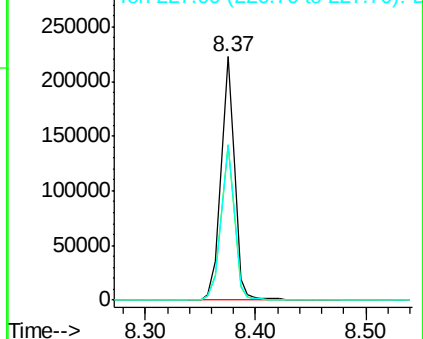
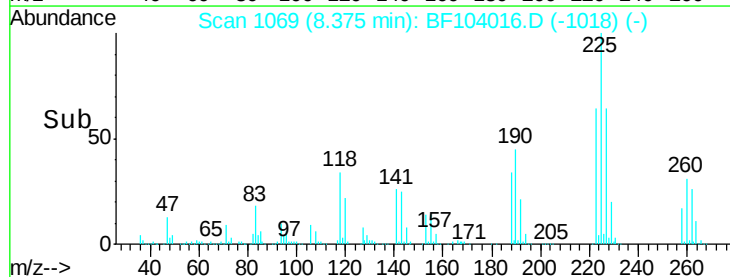
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195827		
223	63.8	50.6	76.0		
227	63.6	51.9	77.9		

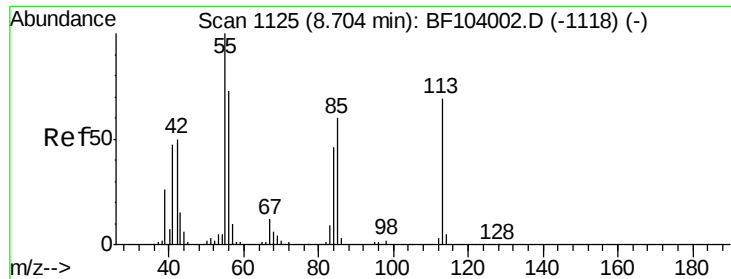


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





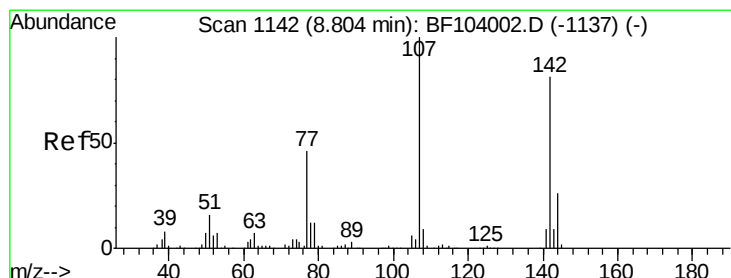
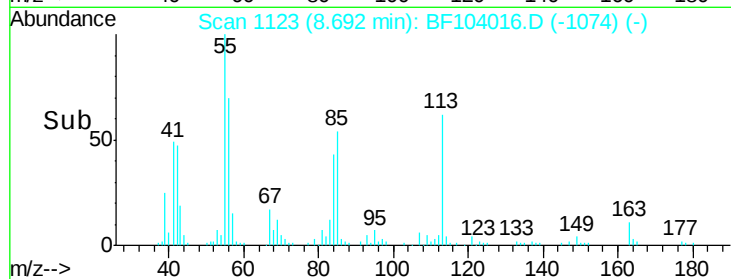
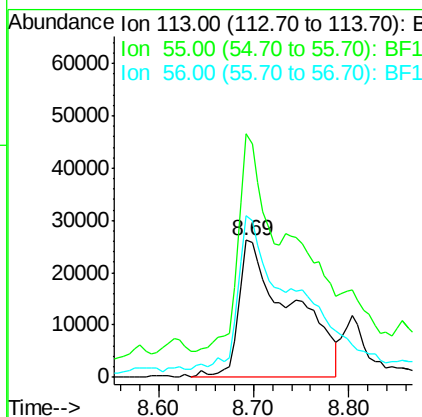
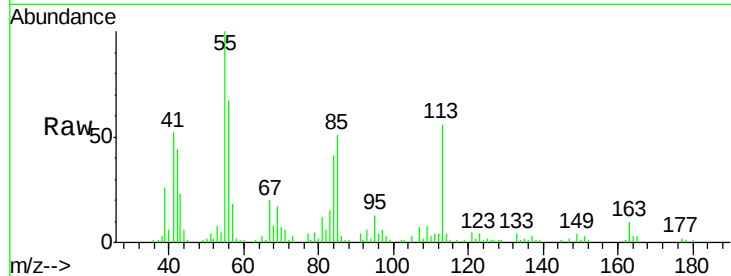
#35
Caprolactam
Concen: 42.283 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	177.8		163.3	203.3	
56	118.4		115.7	155.7	

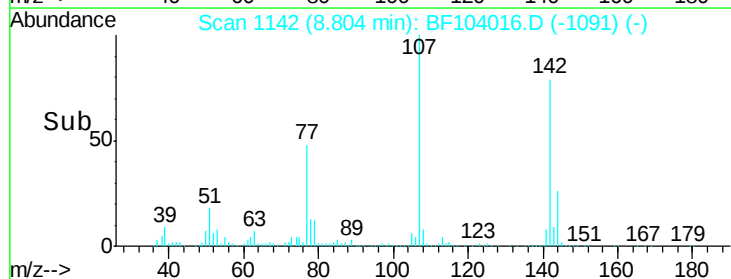
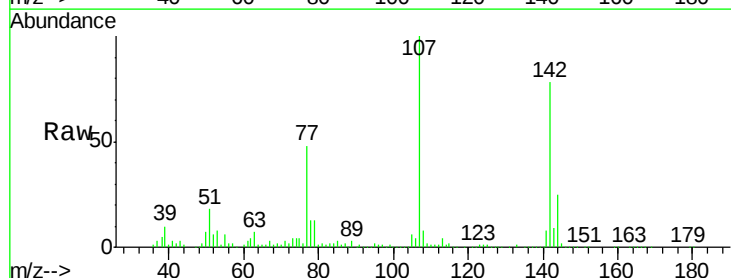
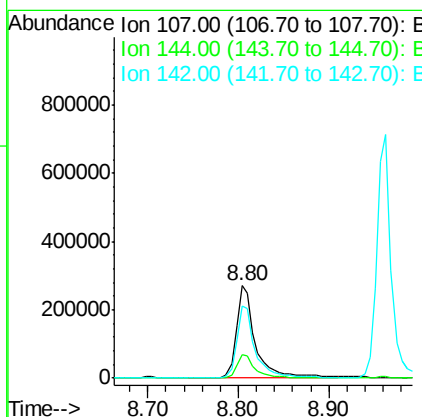
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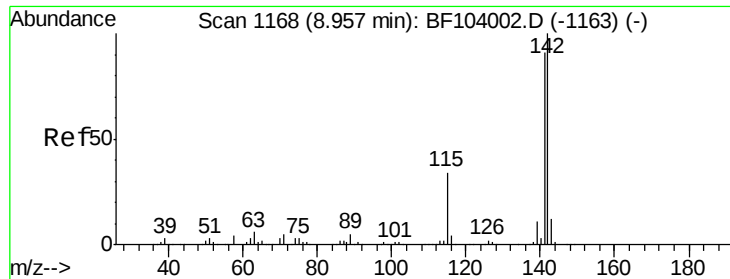
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#36
4-Chloro-3-methylphenol
Concen: 49.608 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4		20.5	30.7	
142	77.8		62.0	93.0	





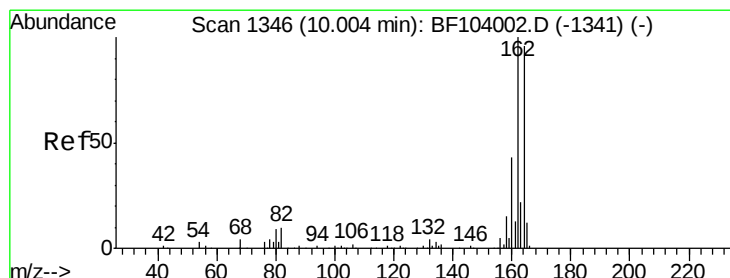
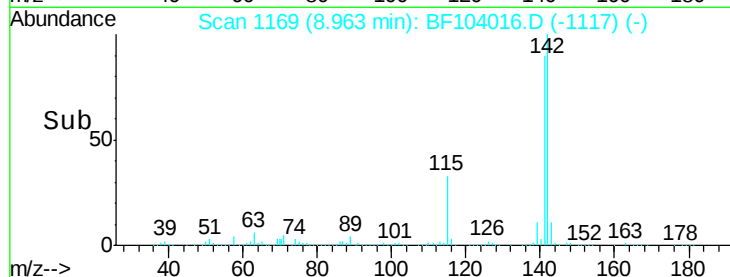
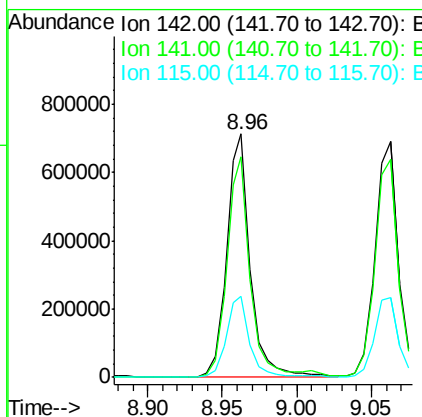
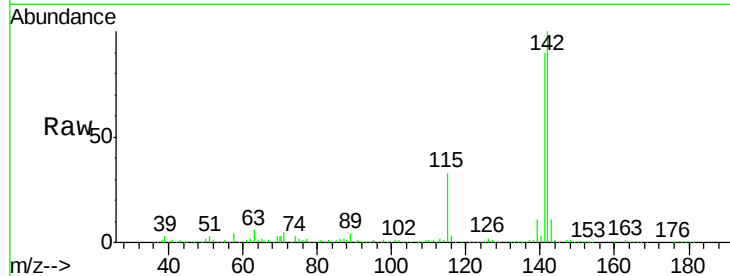
#37
2-Methylnaphthalene
Concen: 44.187 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	791797		
141	90.5	70.8	106.2	
115	33.2	26.1	39.1	

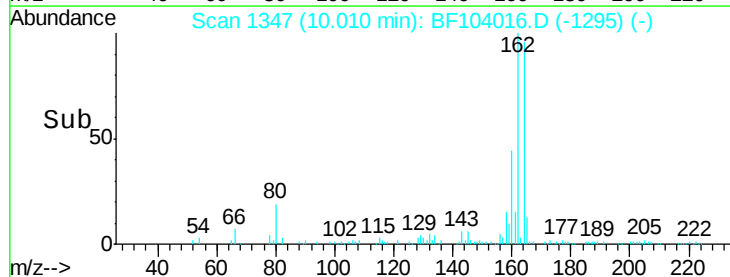
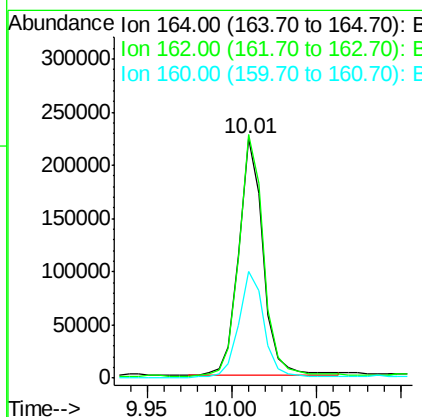
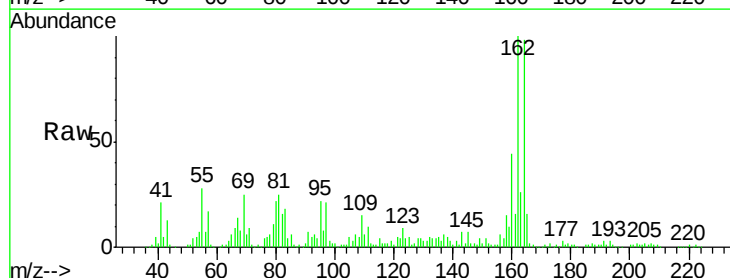
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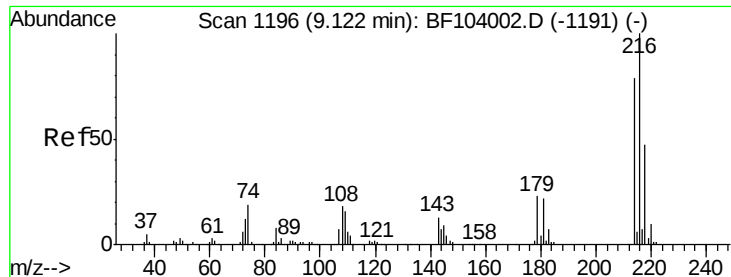
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224357		
162	101.7	86.1	129.1	
160	44.4	38.3	57.5	





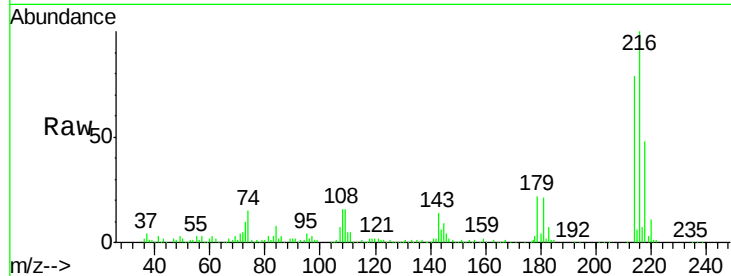
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.397 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

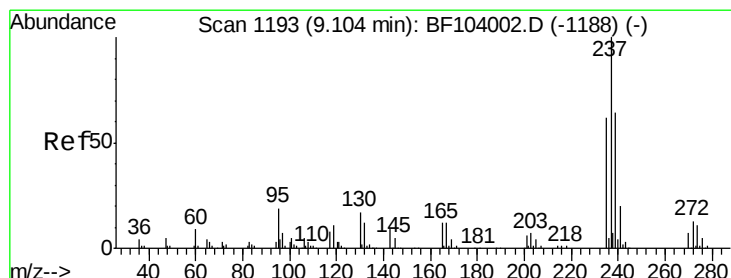
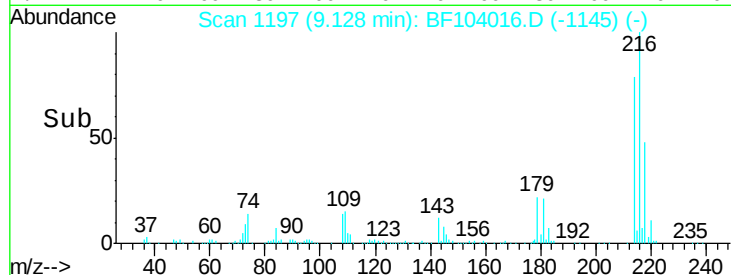
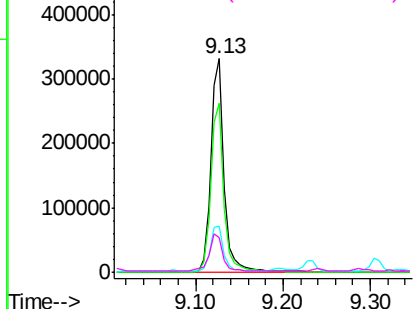
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		346733		
214	79.3	63.0	94.4		
179	21.4	18.1	27.1		
108	19.1	17.2	25.8		

Manual Integrations
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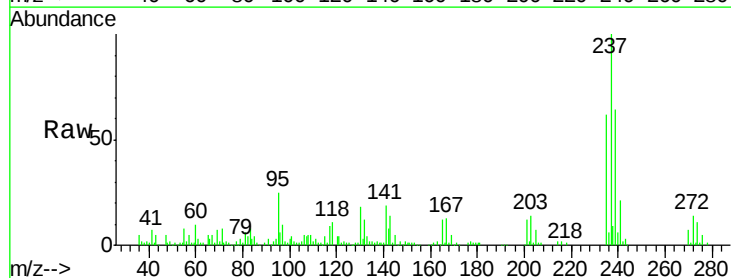


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

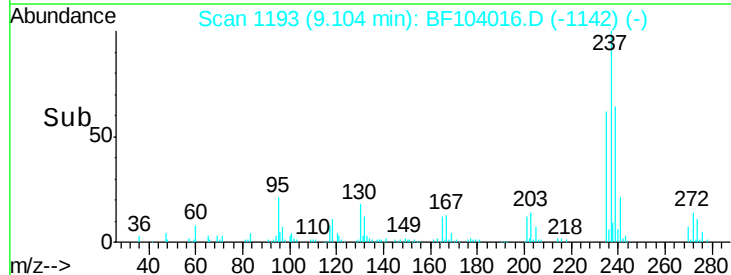
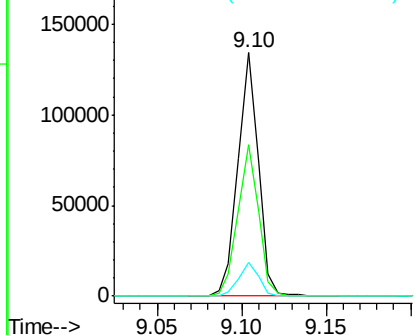


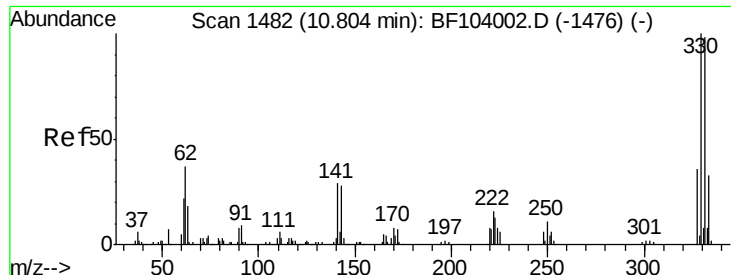
#40
 Hexachlorocyclopentadiene
 Concen: 37.980 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		113170		
235	62.2	44.8	84.8		
272	13.7	0.0	33.3		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





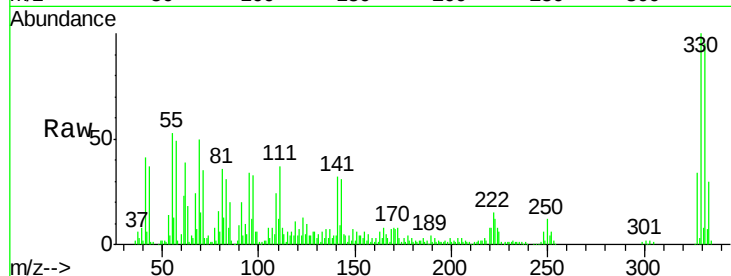
#41
 2,4,6-Tribromophenol
 Concen: 99.347 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

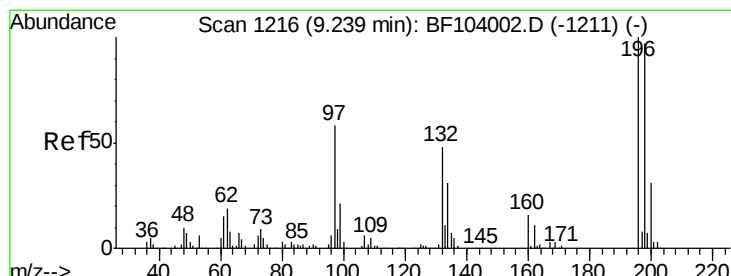
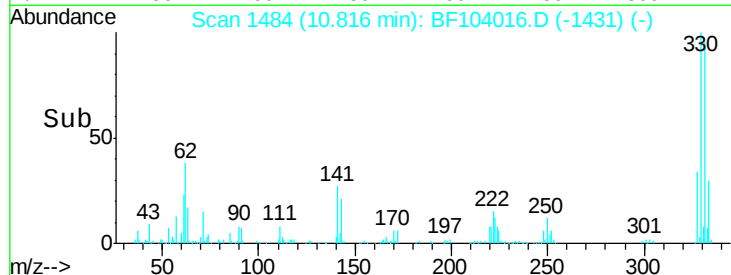
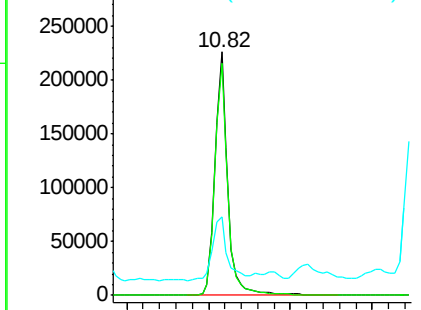
Tot Ion	Ratio	Resp	Lower	Upper
330	100	248190		
332	97.1	77.0	115.6	
141	30.6	29.9	44.9	

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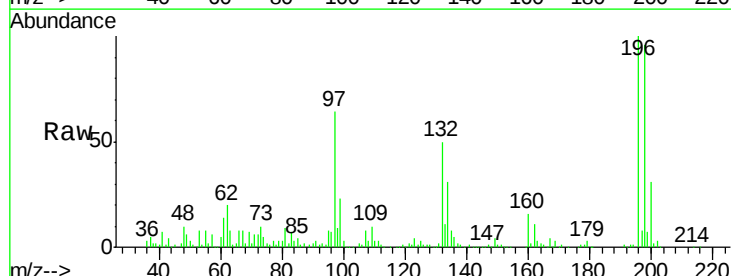


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

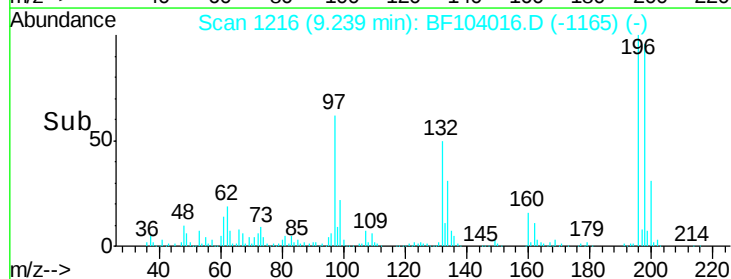
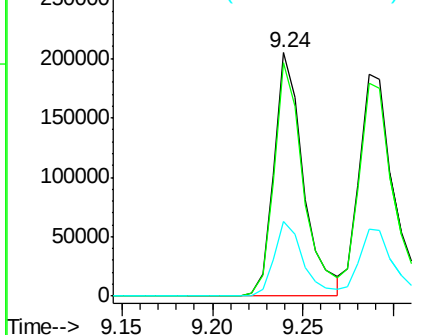


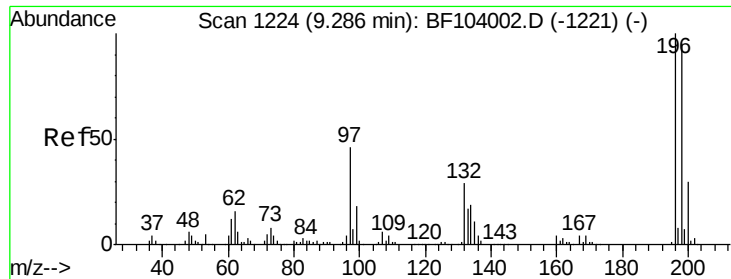
#42
 2,4,6-Trichlorophenol
 Concen: 53.061 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231162		
198	96.1	75.7	113.5	
200	30.9	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





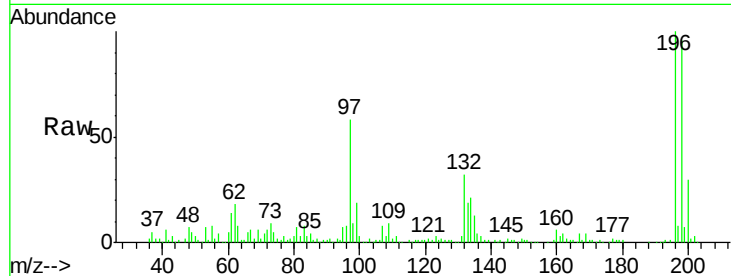
#43
 2,4,5-Trichlorophenol
 Concen: 49.288 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	196	Resp	259261
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.6	112.0
97	57.7	42.9	64.3
132	32.2	26.3	39.5

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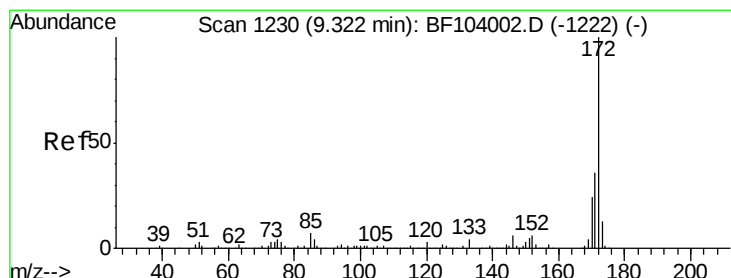
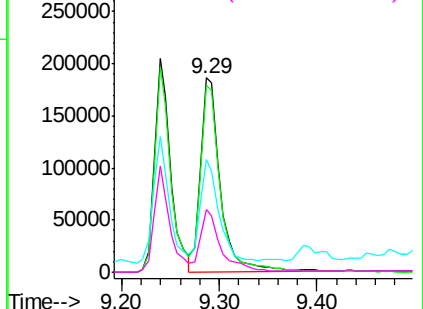
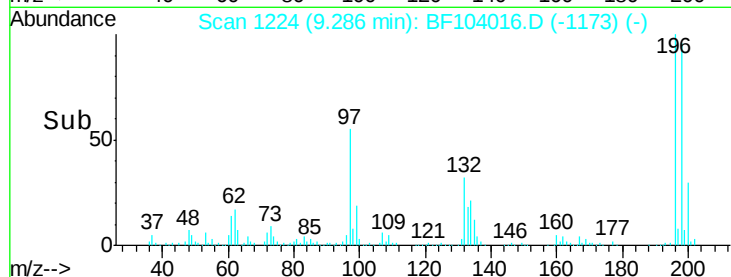
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

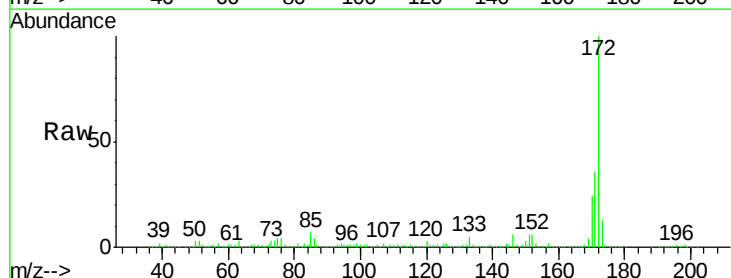
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.886 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	172	Resp	1307311
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

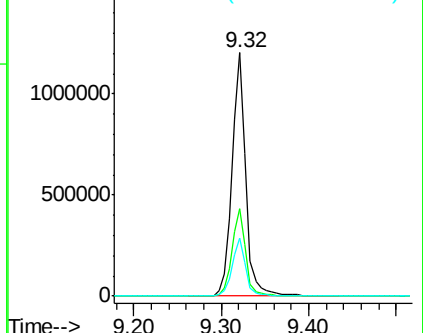
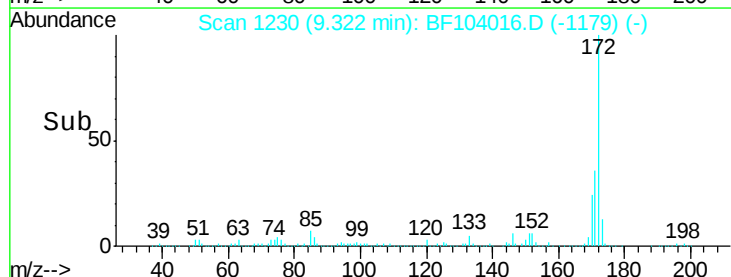


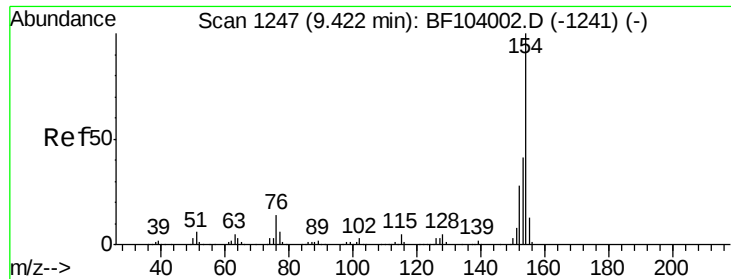
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





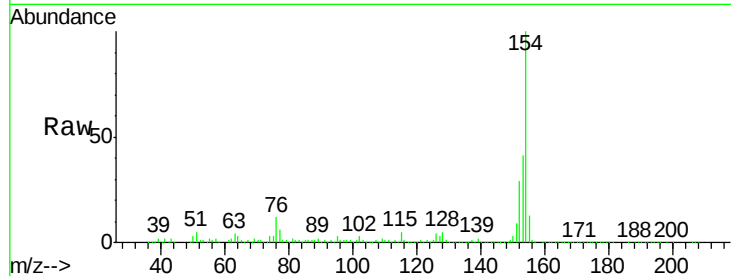
#45
 1,1'-Biphenyl
 Concen: 46.804 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

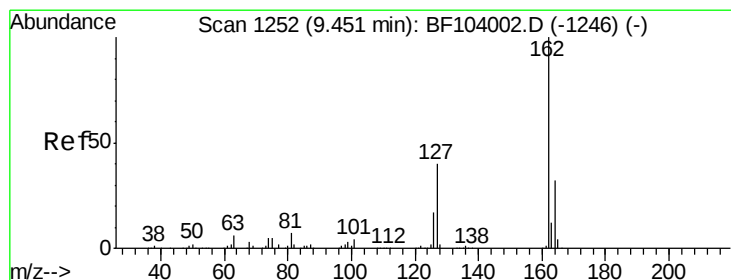
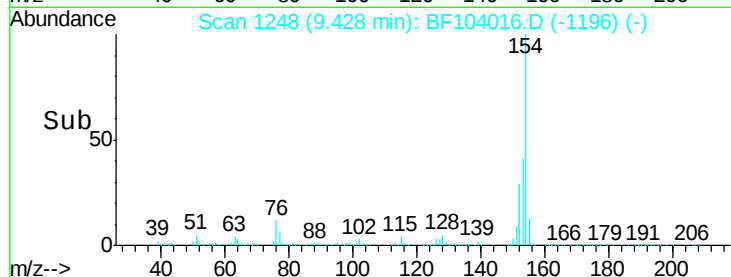
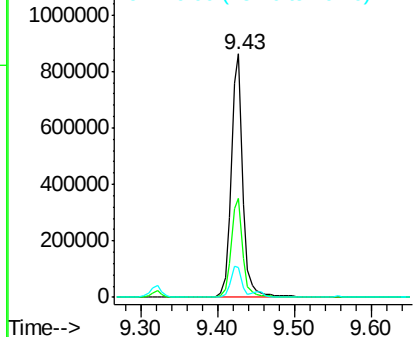
Tot Ion:	154	Resp:	901254
Ion Ratio		Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.2	0.0	34.0

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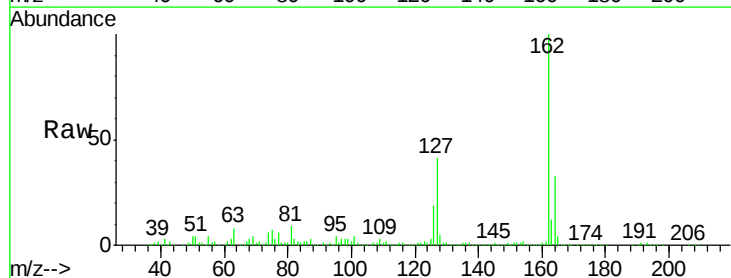


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

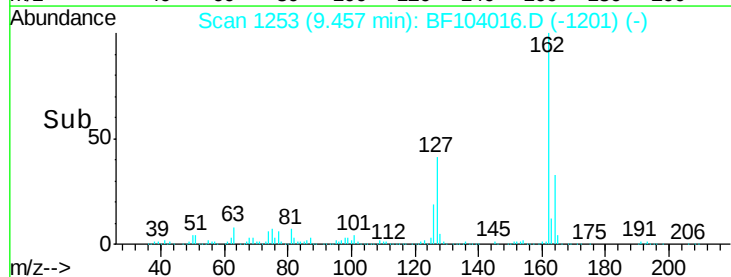
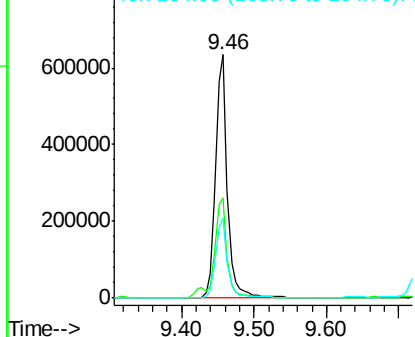


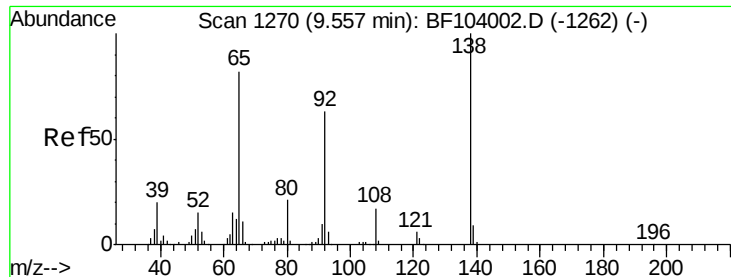
#46
 2-Chloronaphthalene
 Concen: 47.298 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:	162	Resp:	718419
Ion Ratio		Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.367 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

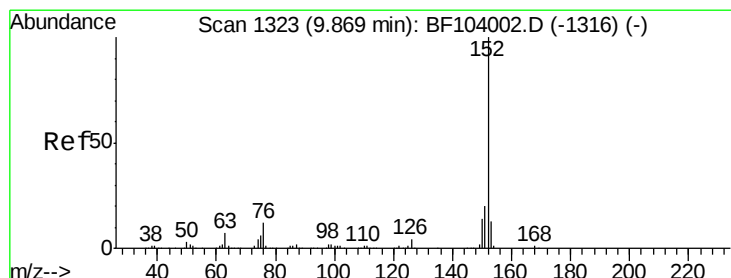
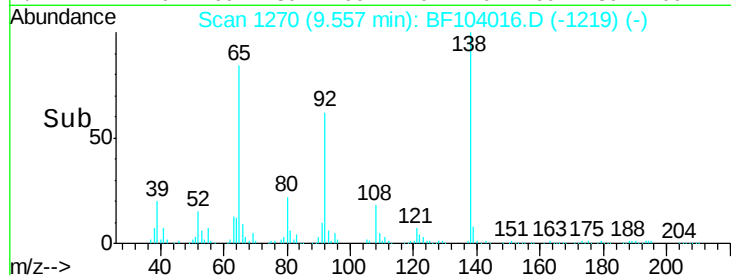
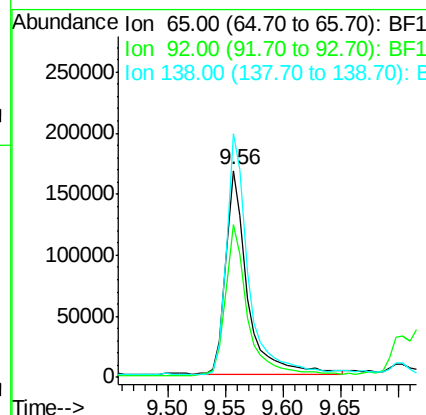
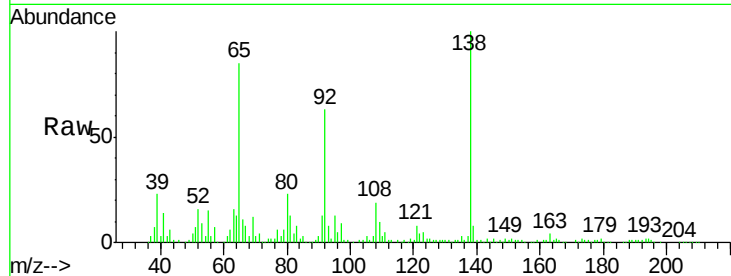
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	65	Resp:	218151
Ion Ratio	Lower	Upper	
65	100		
92	73.7	55.8	83.6
138	117.7	91.2	136.8

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#48

Acenaphthylene

Concen: 41.915 ng

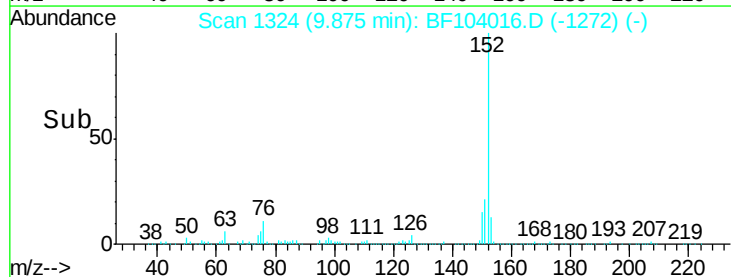
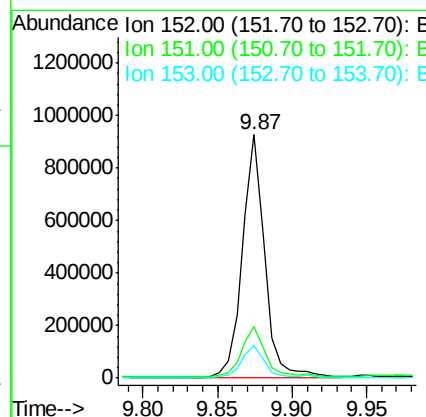
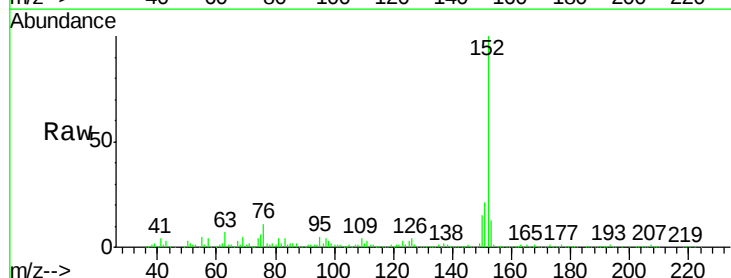
RT: 9.87 min Scan# 1324

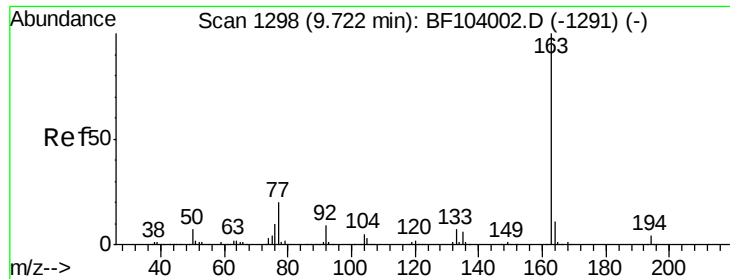
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	152	Resp:	964510
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.3	24.5
153	13.4	10.7	16.1





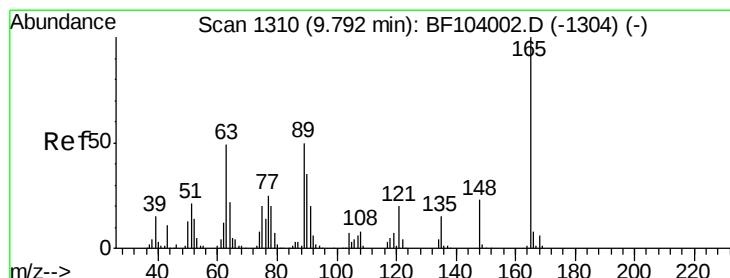
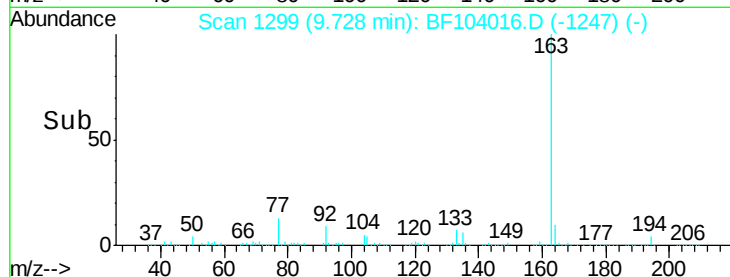
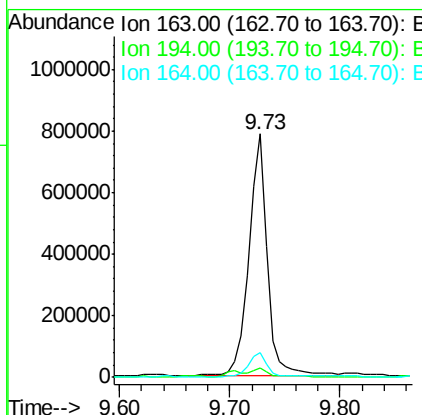
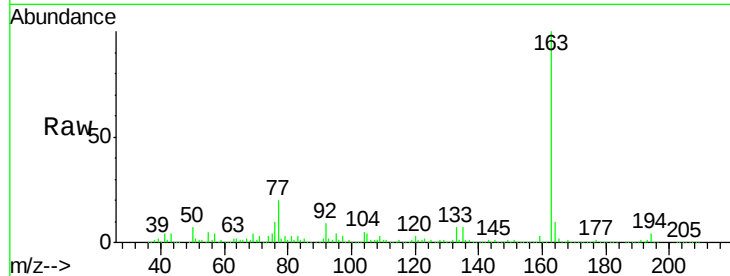
#49
 Dimethylphthalate
 Concen: 52.504 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.3	8.2	12.2	

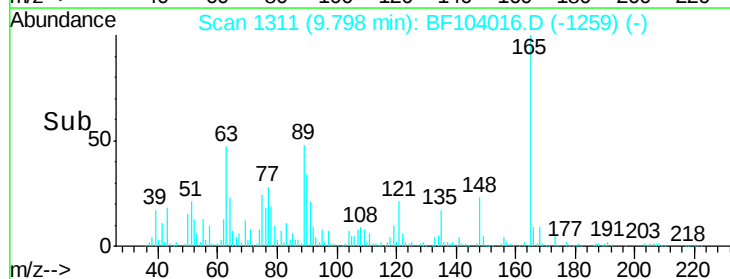
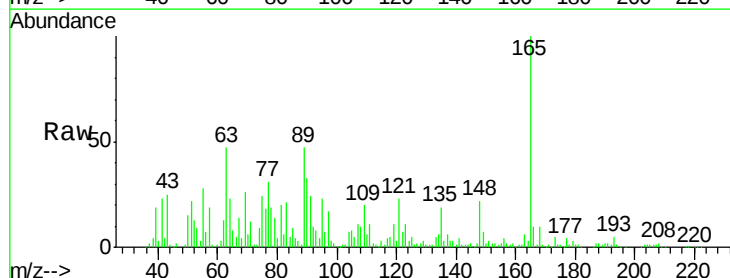
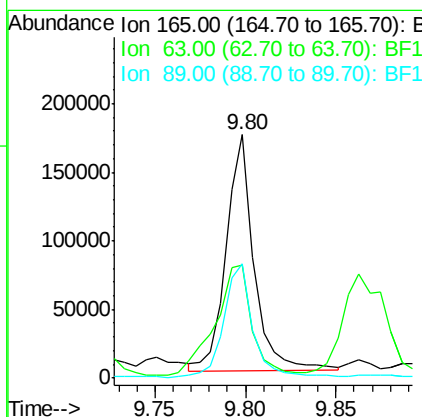
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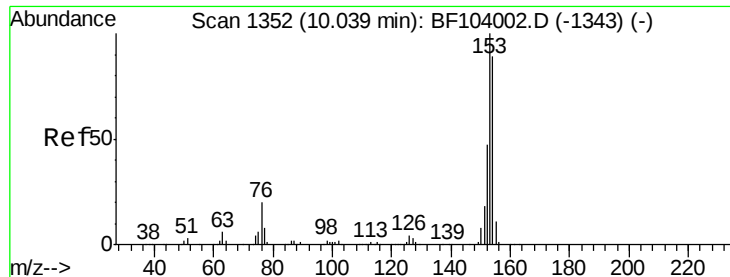
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#50
 2,6-Dinitrotoluene
 Concen: 48.635 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.7	44.7	67.1	
89	46.8	44.0	66.0	





#51

Acenaphthene

Concen: 40.532 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

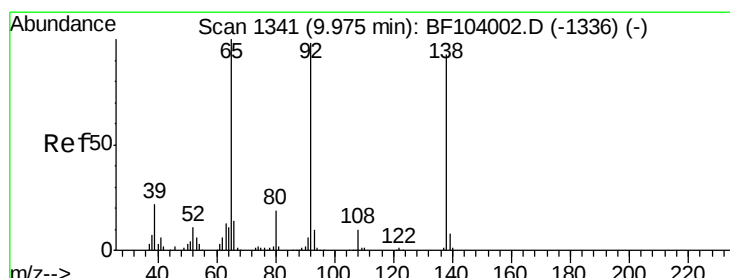
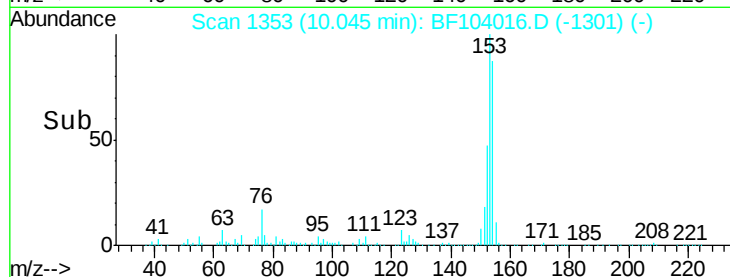
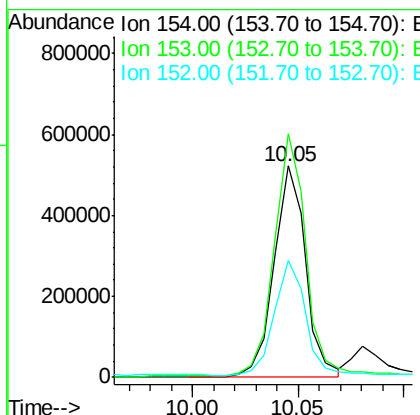
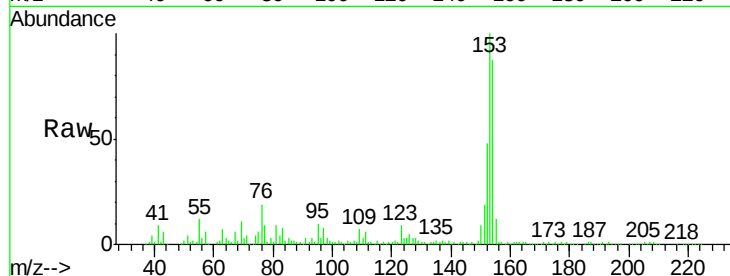
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	154	Resp:	539556
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.756 ng

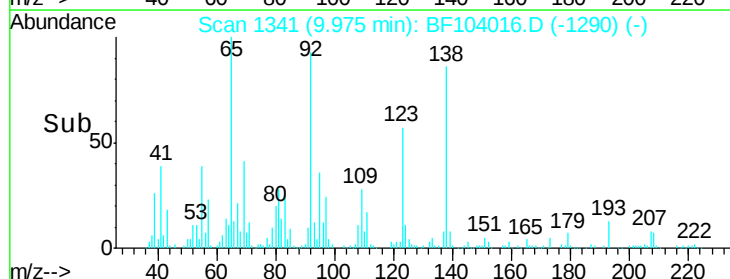
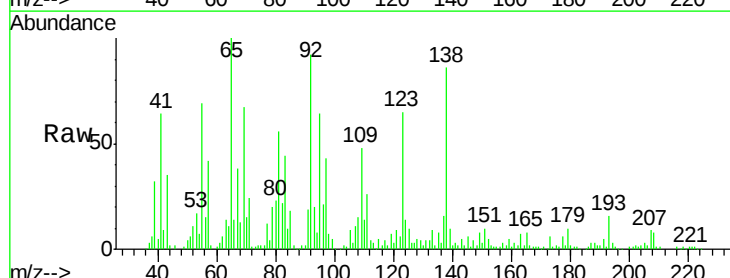
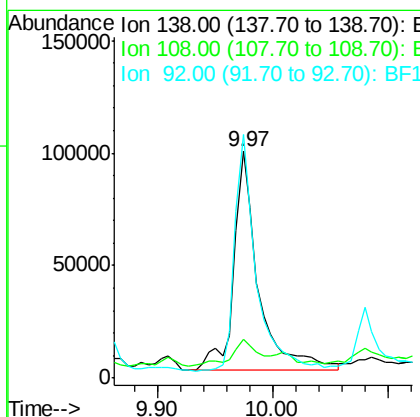
RT: 9.97 min Scan# 1341

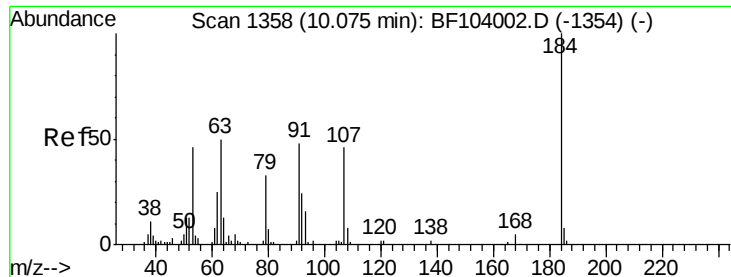
Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	138	Resp:	143498
Ion Ratio	Lower	Upper	
138	100		
108	16.9	9.4	14.0#
92	107.3	89.4	134.2





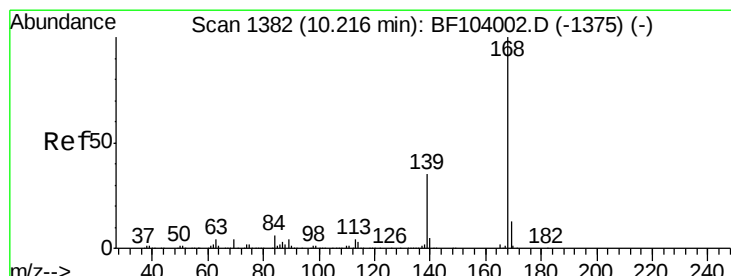
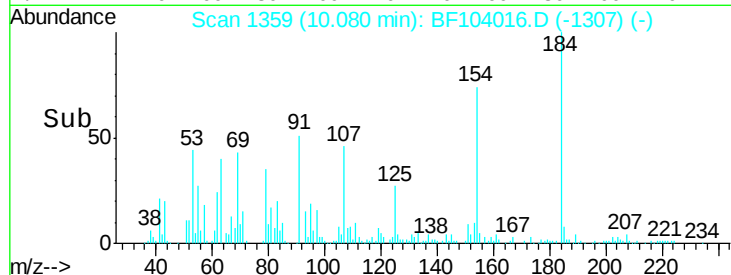
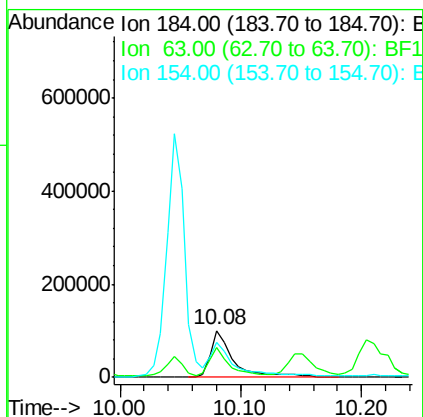
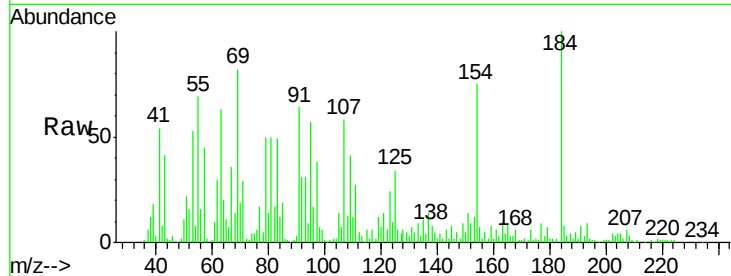
#53
2,4-Dinitrophenol
Concen: 79.355 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131945		
63	63.4	54.2	81.2	
154	75.2	184.0	276.0	

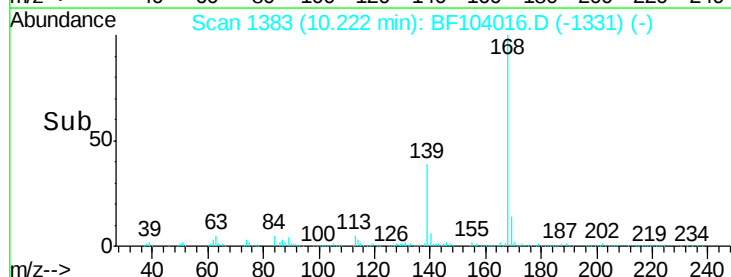
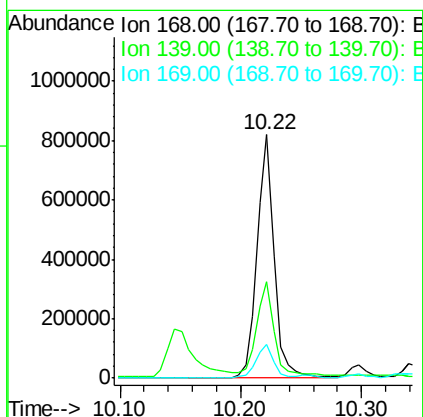
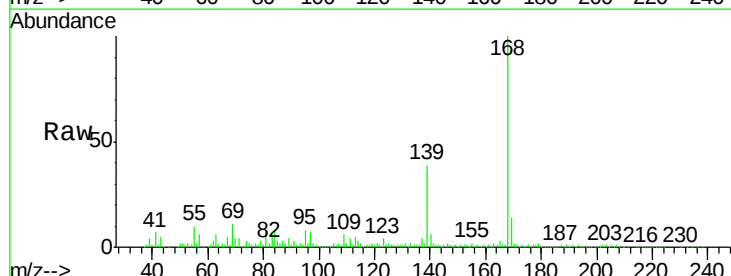
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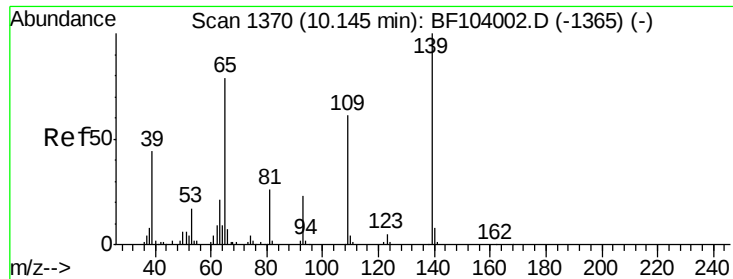
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#54
Dibenzofuran
Concen: 41.620 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	809063		
139	39.4	30.1	45.1	
169	13.7	10.9	16.3	





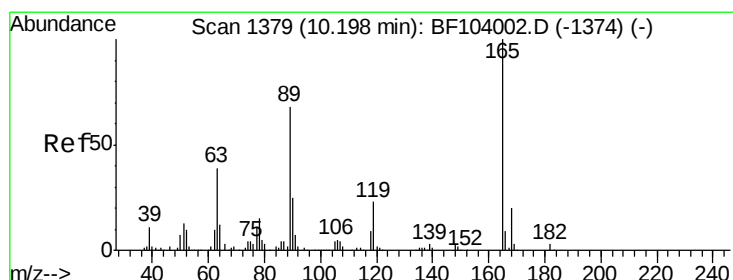
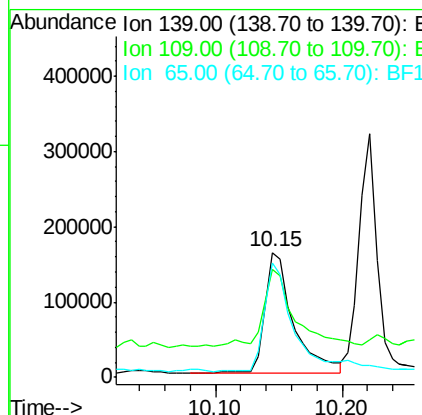
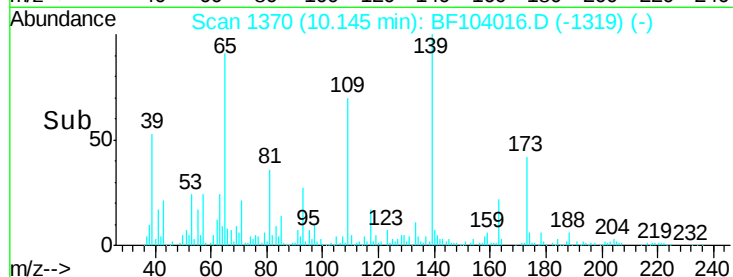
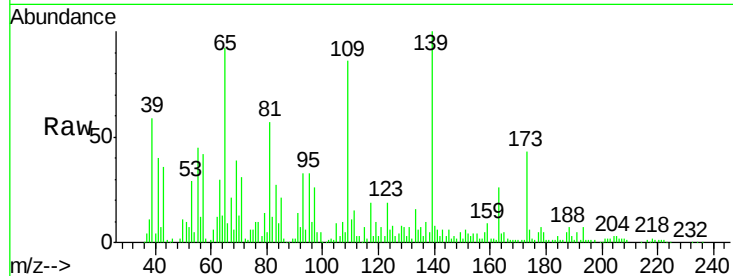
#55
4-Nitrophenol
Concen: 97.330 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	255662		
109	85.9	48.4	88.4	
65	91.8	72.6	112.6	

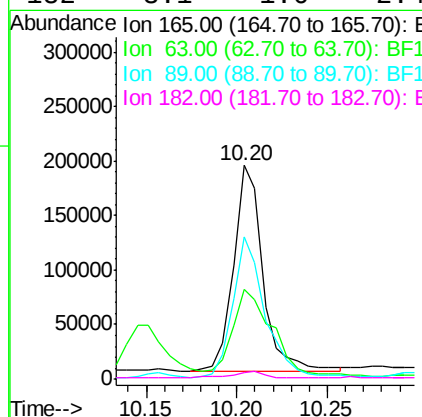
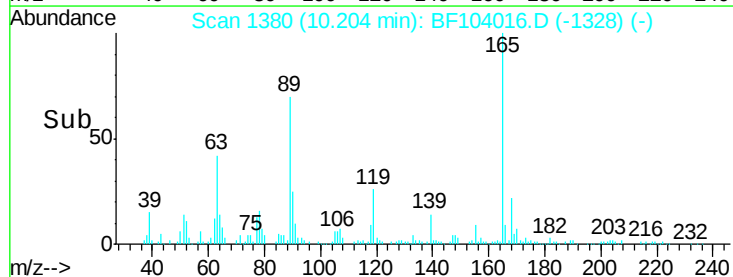
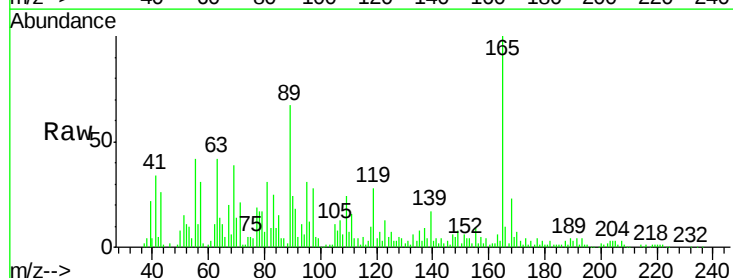
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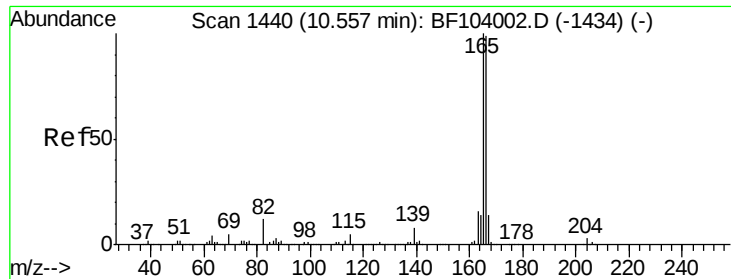
Sohil
3/29/2018 5:36:24 PM



#56
2,4-Dinitrotoluene
Concen: 43.715 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212581		
63	41.7	36.4	54.6	
89	66.8	57.8	86.6	
182	3.1	1.6	2.4	#





#57

Fluorene

Concen: 36.048 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

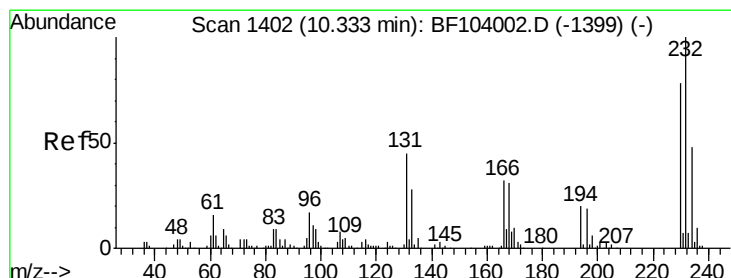
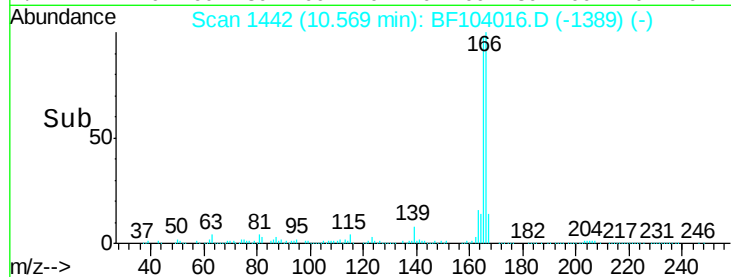
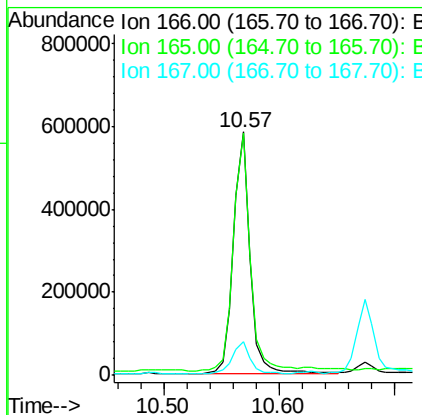
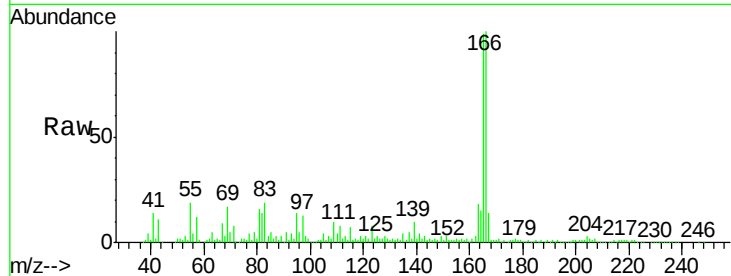
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	166	Resp:	578039
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.195 ng

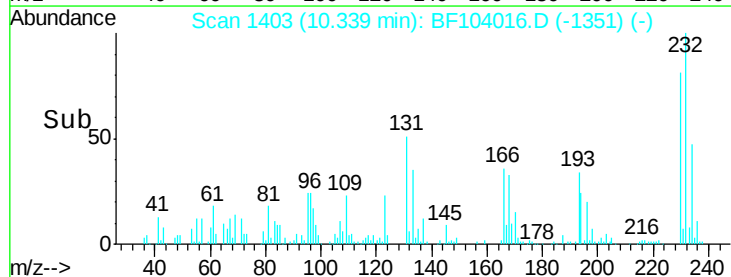
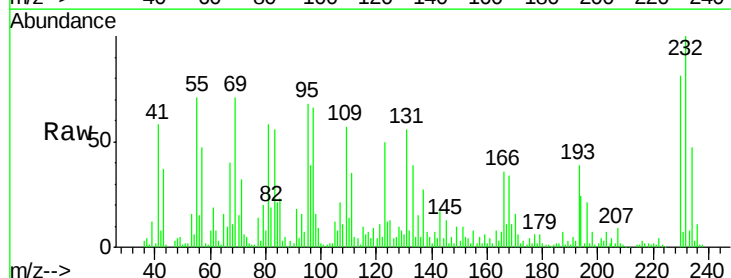
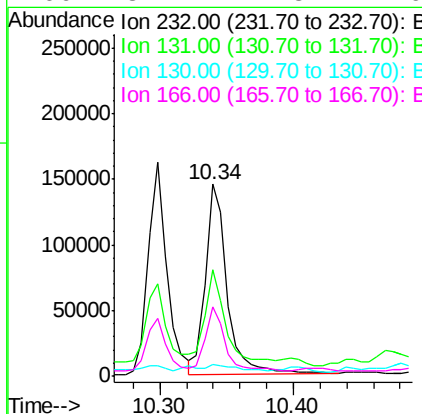
RT: 10.34 min Scan# 1403

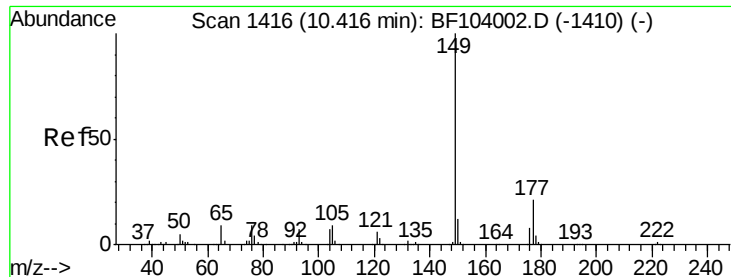
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	232	Resp:	162349
Ion Ratio	Lower	Upper	
232	100		
131	43.4	43.8	65.8#
130	4.0	2.1	3.1#
166	32.1	27.8	41.6





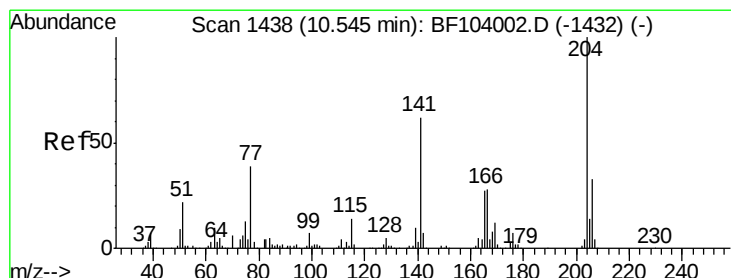
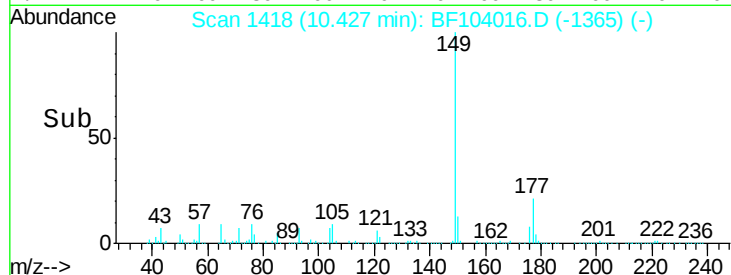
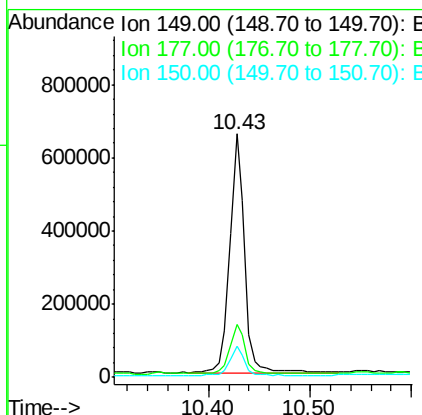
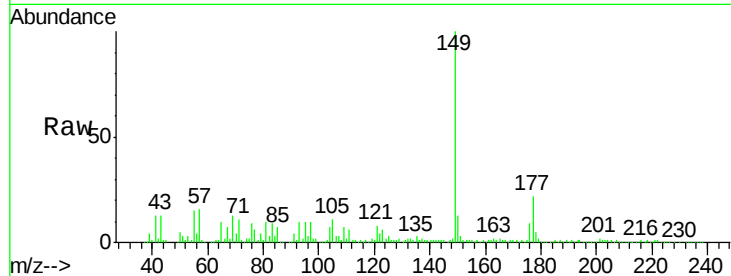
#59
Diethylphthalate
Concen: 38.931 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	13.0	10.1	15.1

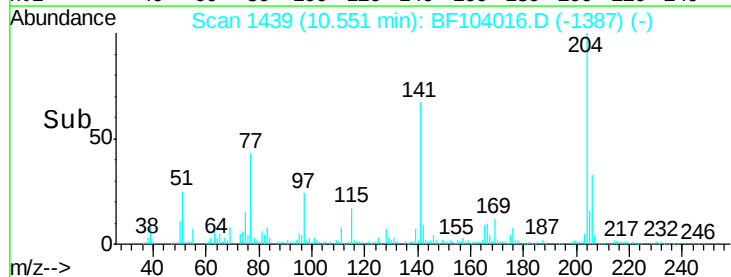
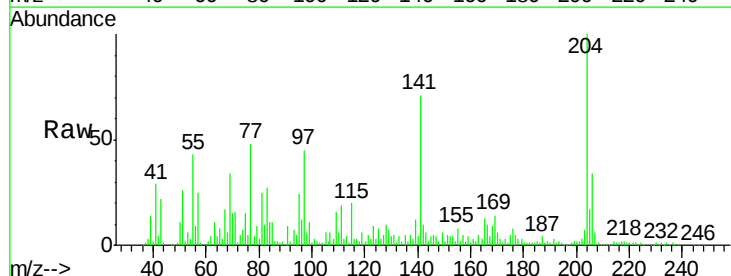
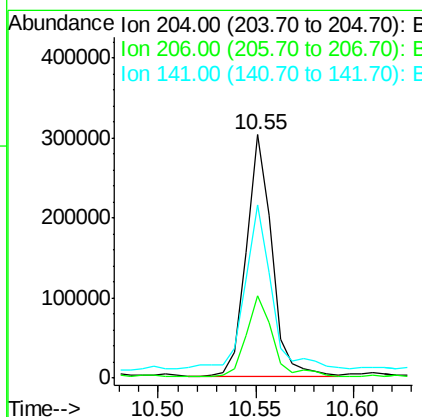
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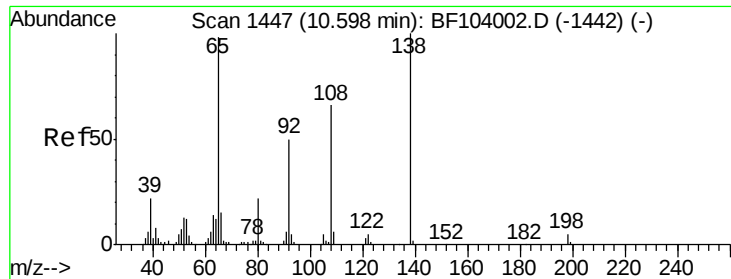
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.060 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	70.9	54.6	81.8





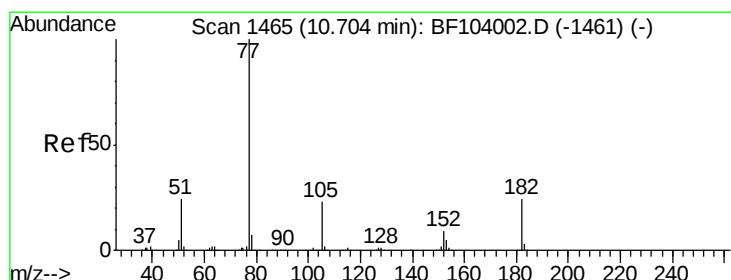
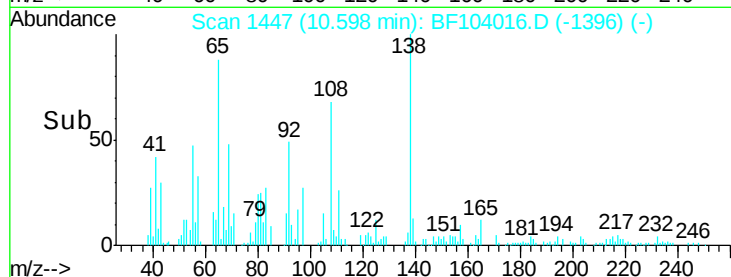
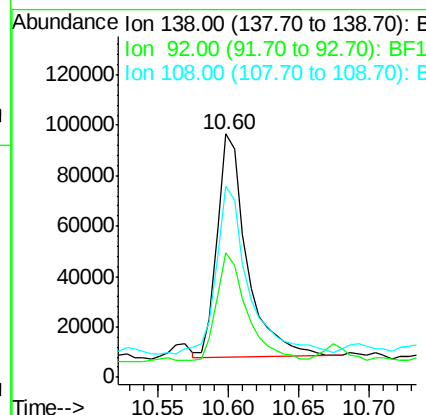
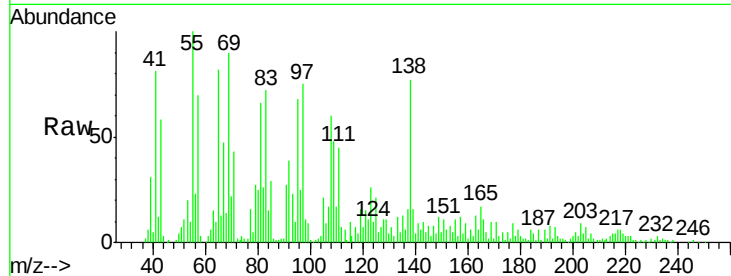
#61
4-Nitroaniline
Concen: 31.751 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	30.2	70.2
108	78.4	52.5	92.5

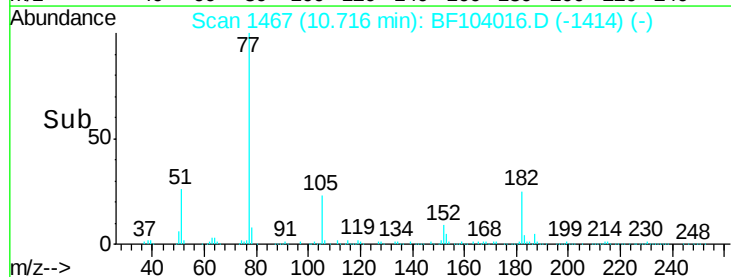
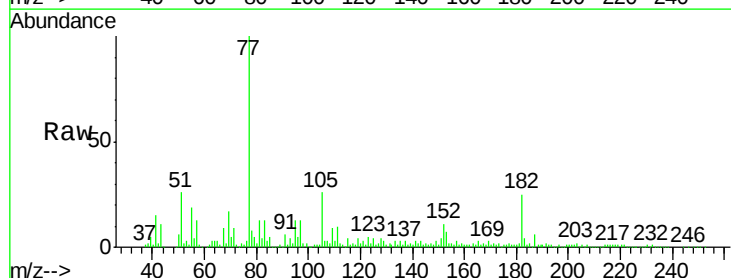
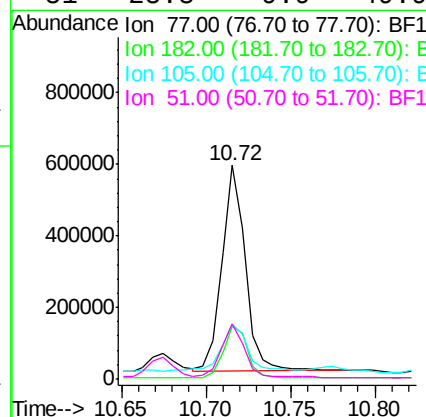
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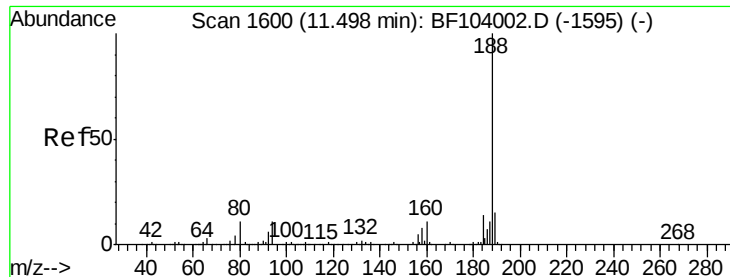
Sohil
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#62
Azobenzene
Concen: 36.328 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	1.7	41.7
105	25.8	3.0	43.0
51	25.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

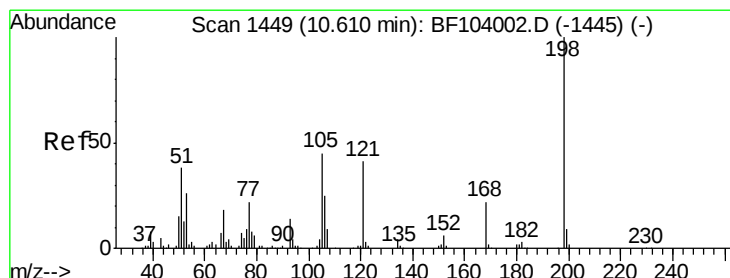
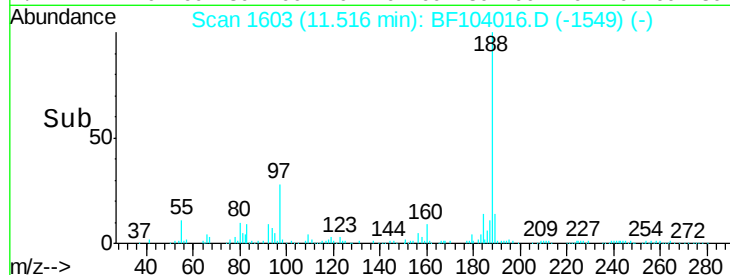
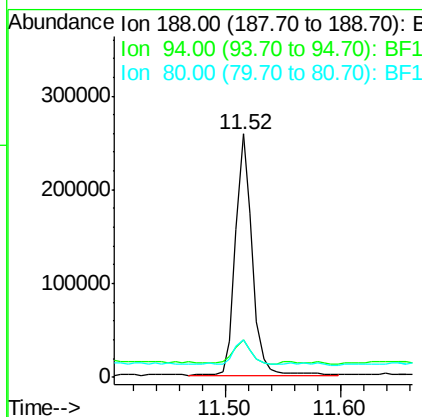
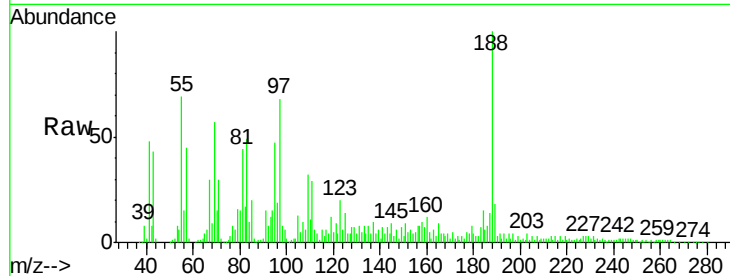
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	188	Resp:	257045
Ion Ratio	Lower	Upper	
188	100		
94	15.2	8.5	12.7#
80	15.3	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.499 ng

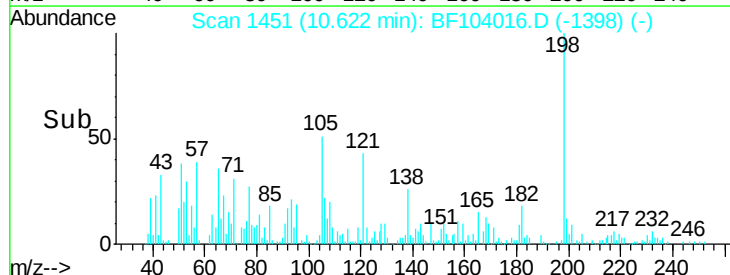
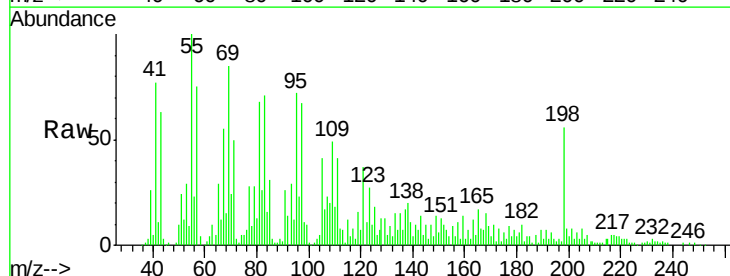
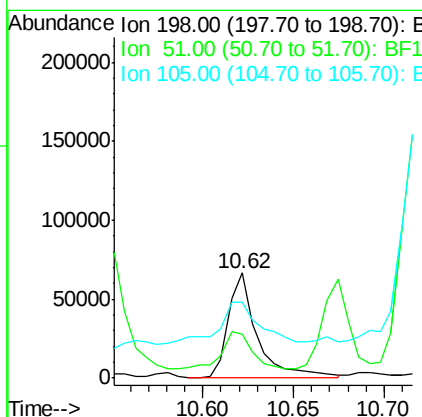
RT: 10.62 min Scan# 1451

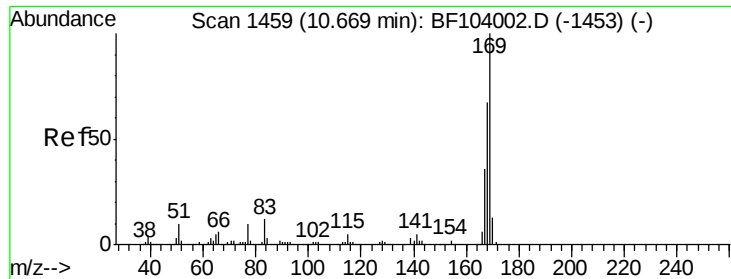
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	198	Resp:	72351
Ion Ratio	Lower	Upper	
198	100		
51	42.0	37.7	77.7
105	72.4	36.3	76.3





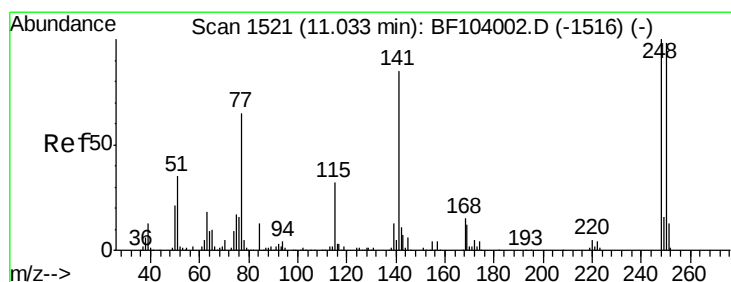
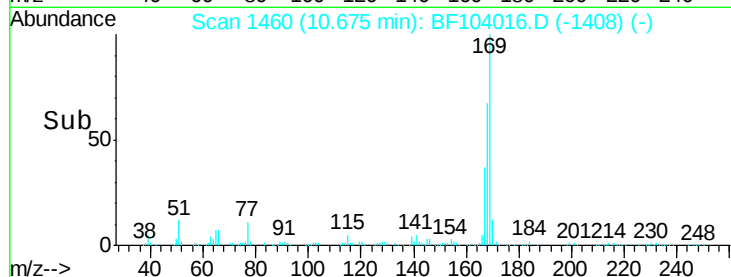
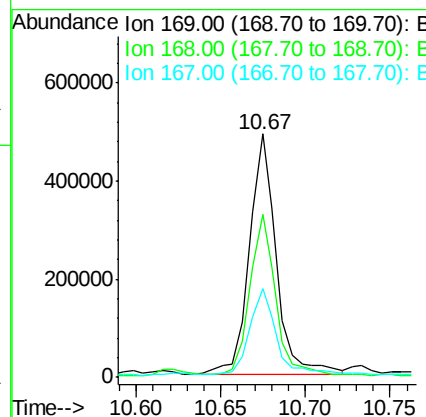
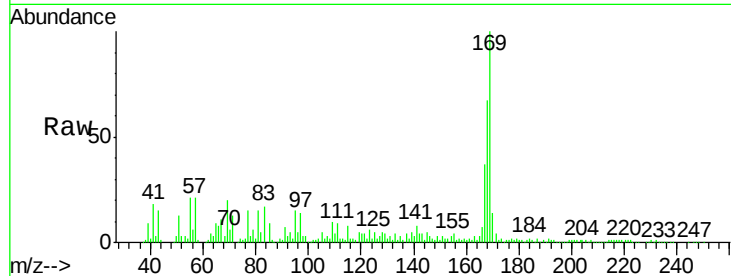
#65
n-Nitrosodiphenylamine
Concen: 63.304 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	551075		
168	67.1		54.4	81.6
167	36.6		29.8	44.6

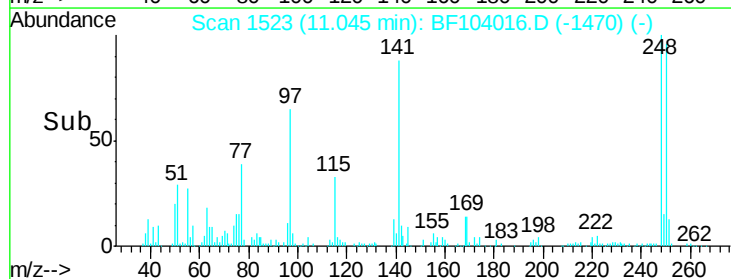
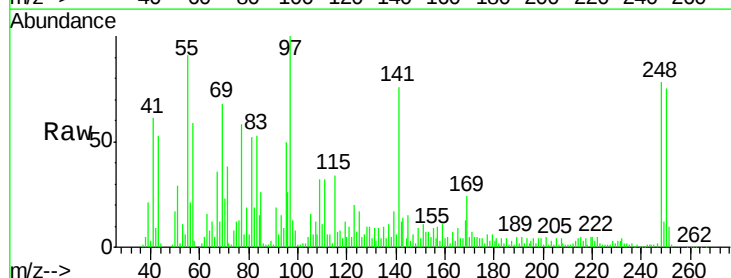
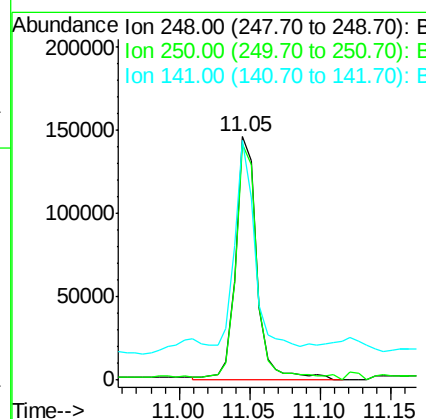
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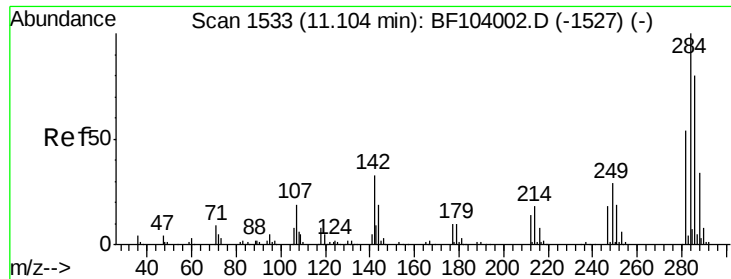
Sohil
3/29/2018 5:36:24 PM



#66
4-Bromophenyl-phenylether
Concen: 56.364 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155002		
250	97.1		76.9	115.3
141	98.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 50.297 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

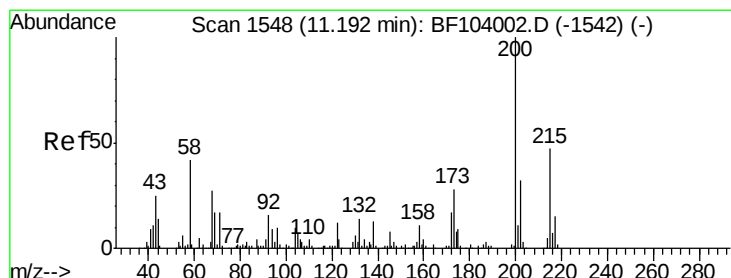
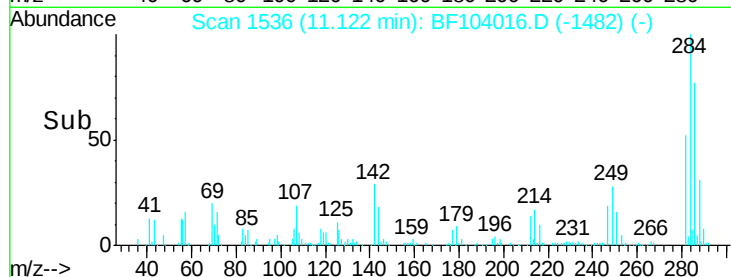
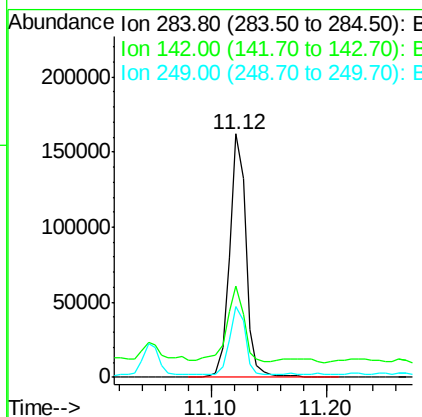
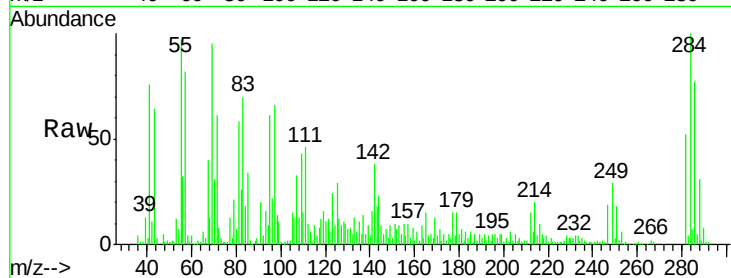
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	284	Resp:	159109
Ion Ratio	Lower	Upper	
284	100		
142	37.5	34.6	52.0
249	29.2	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 55.635 ng

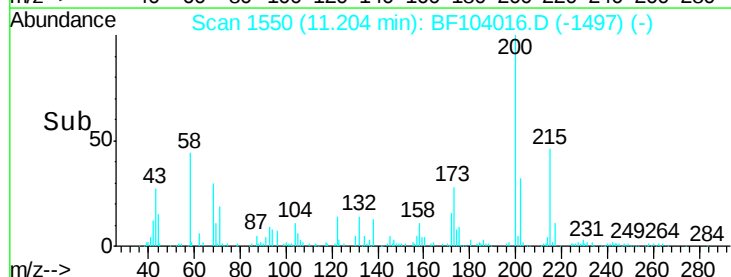
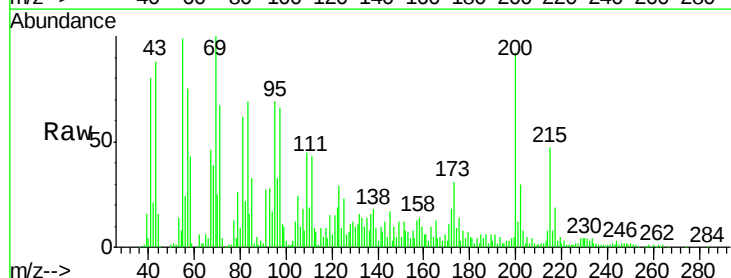
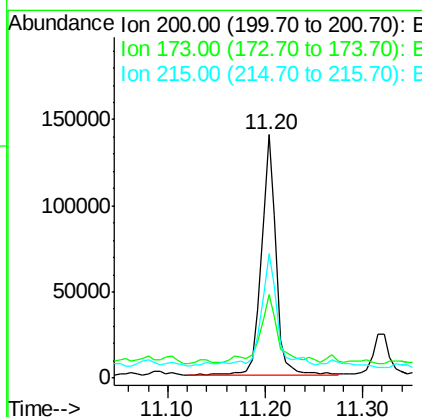
RT: 11.20 min Scan# 1550

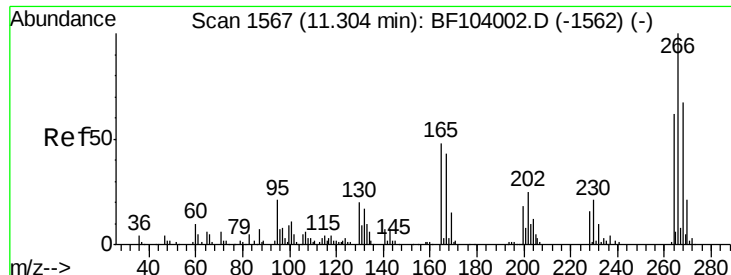
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	200	Resp:	148375
Ion Ratio	Lower	Upper	
200	100		
173	34.2	8.6	48.6
215	51.1	25.1	65.1





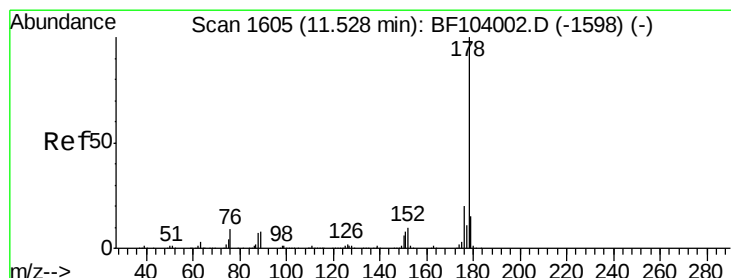
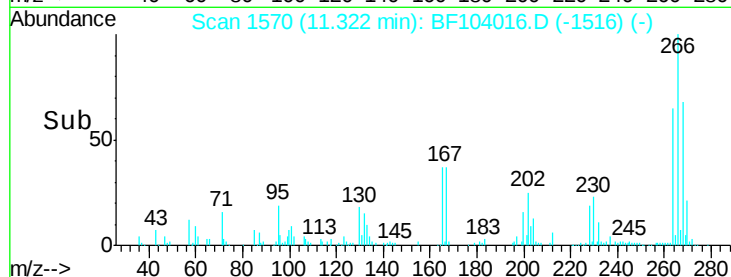
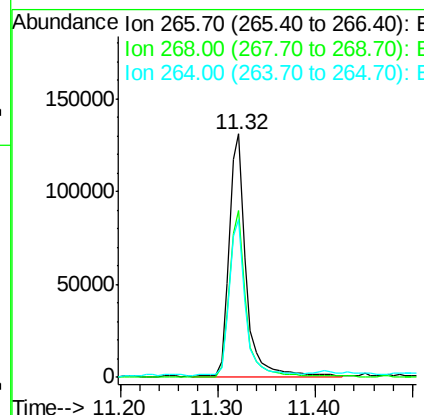
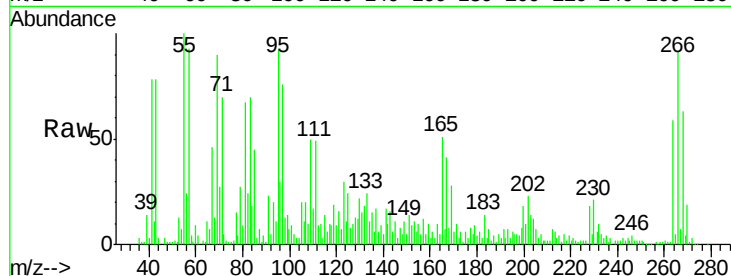
#69
 Pentachlorophenol
 Concen: 89.636 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	156031		
268	68.5	51.1	76.7	
264	65.0	49.5	74.3	

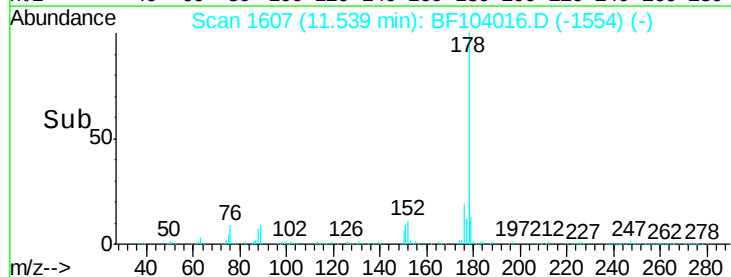
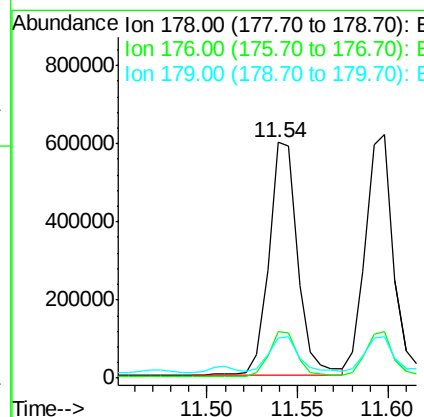
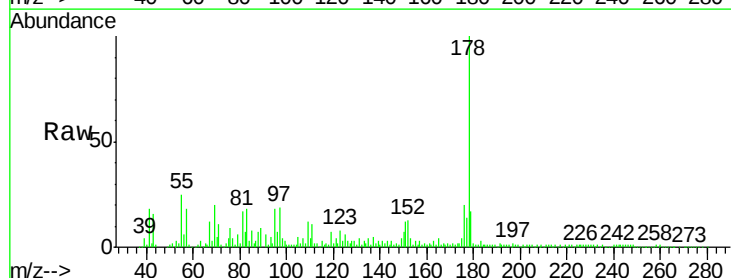
Manual Integrations
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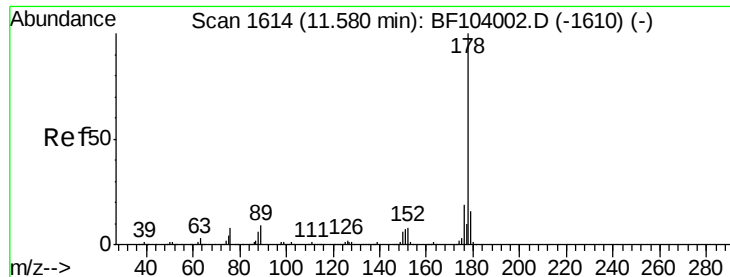
Sohil
 3/29/2018 5:36:24 PM



#70
 Phenanthrene
 Concen: 47.621 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	662721		
176	19.7	15.8	23.8	
179	17.2	13.0	19.6	





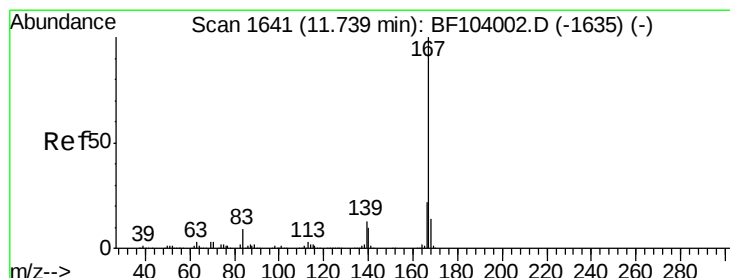
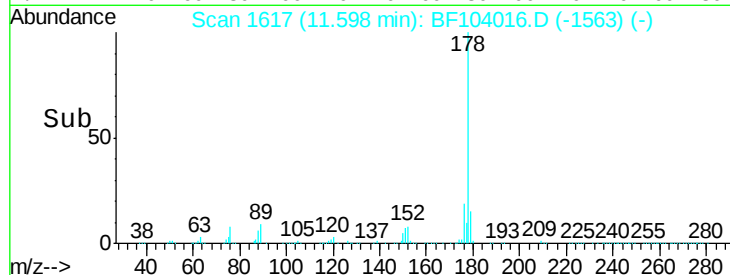
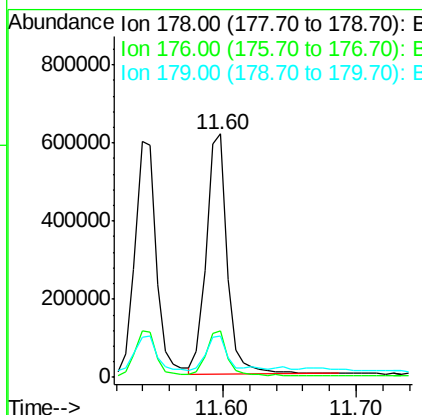
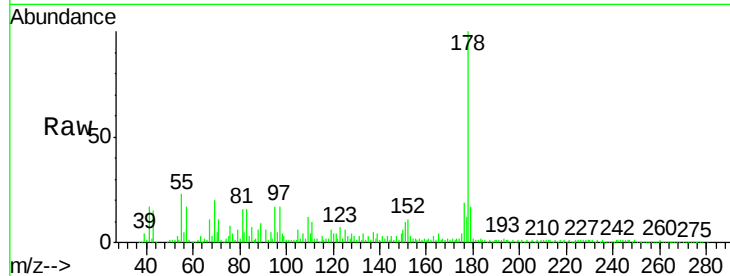
#71
 Anthracene
 Concen: 46.754 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.02 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	17.0	12.6	19.0

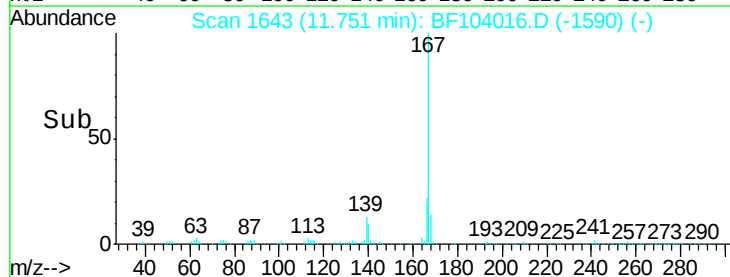
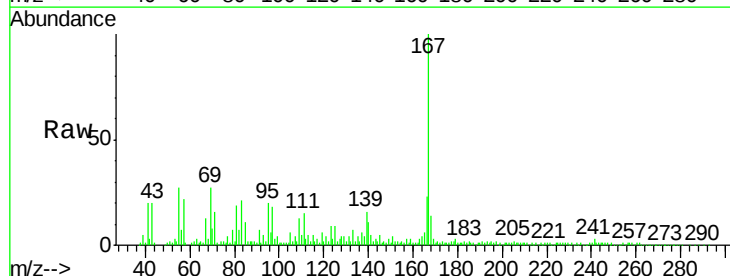
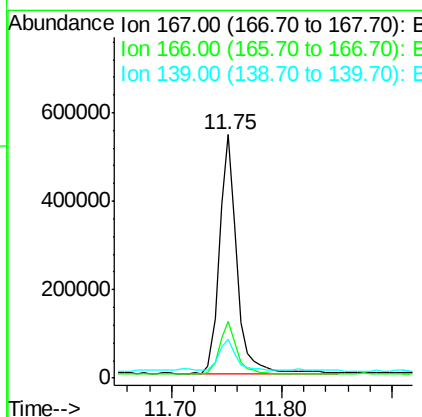
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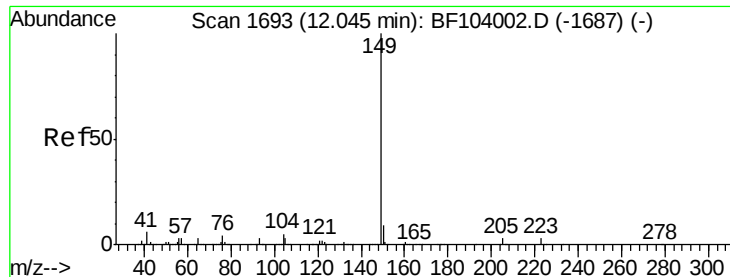
Sohil
 3/29/2018 5:36:24 PM



#72
 Carbazole
 Concen: 42.352 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	16.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 48.091 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

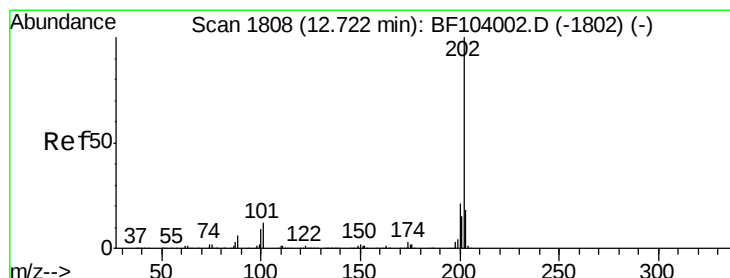
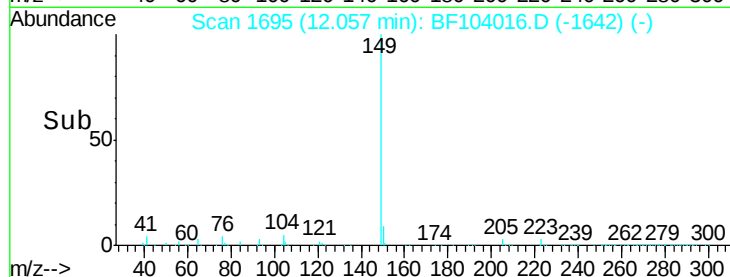
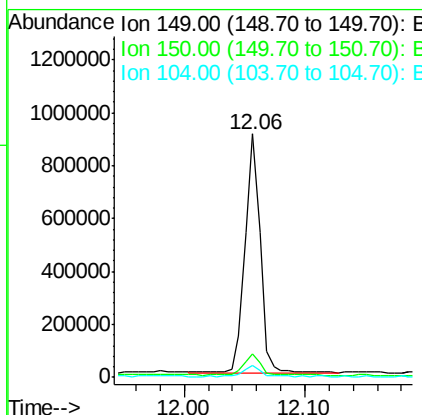
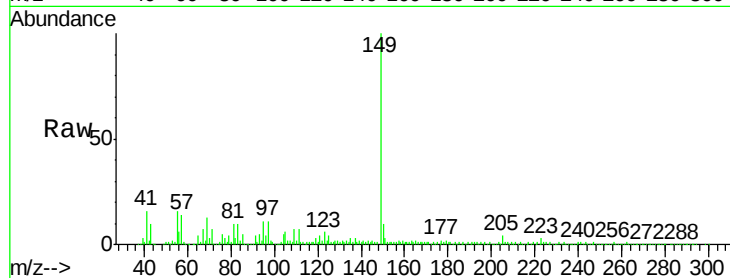
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	149	Resp:	794744
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 45.513 ng

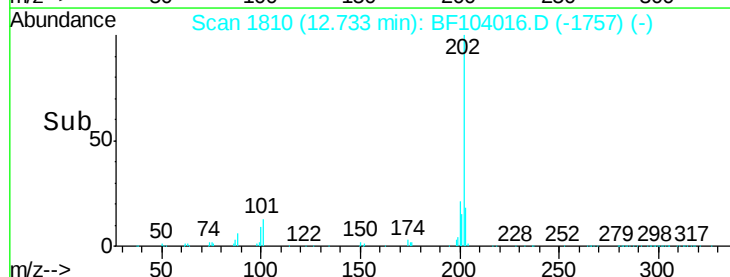
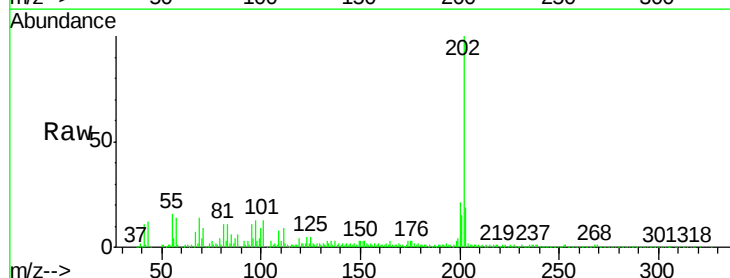
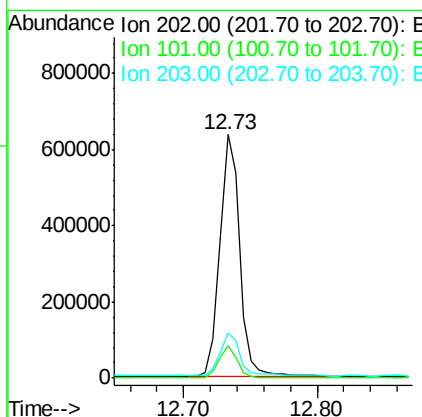
RT: 12.73 min Scan# 1810

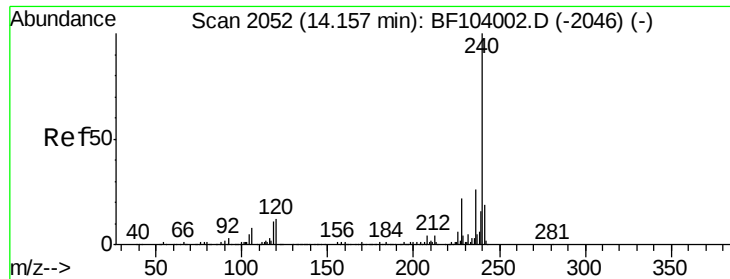
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	202	Resp:	673257
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

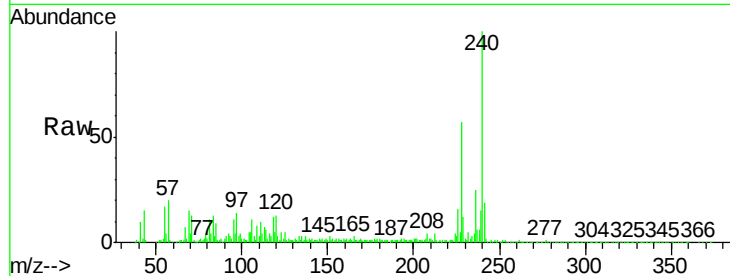
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

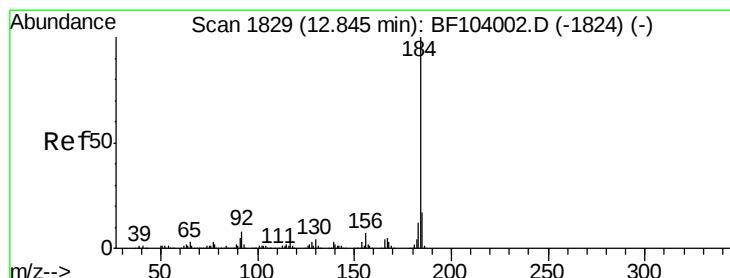
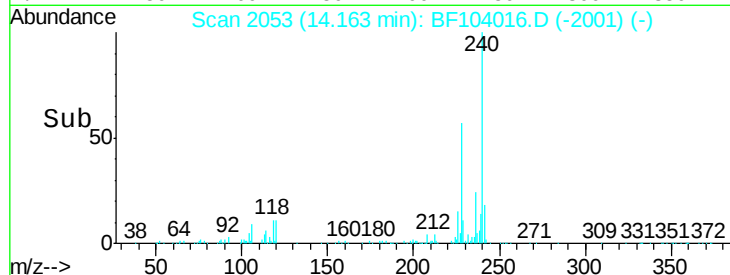
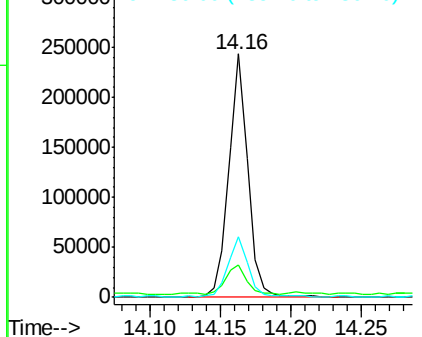
Tot Ion:	240	Resp:	226838
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	24.9	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.361 ng

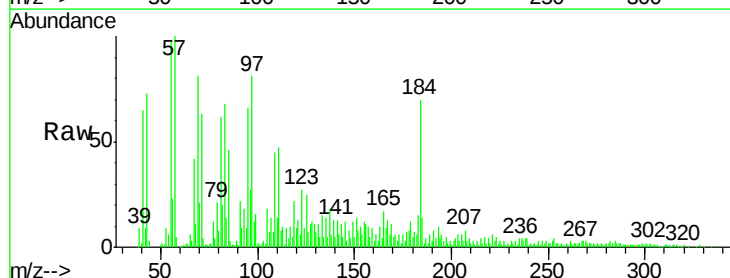
RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

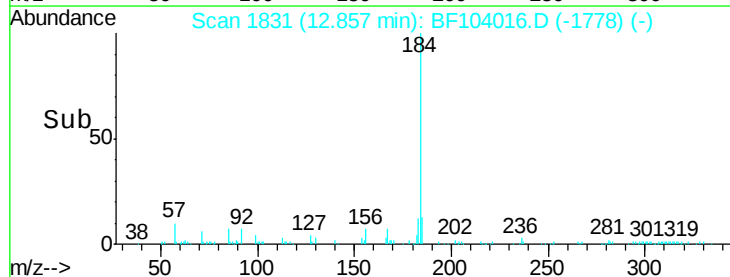
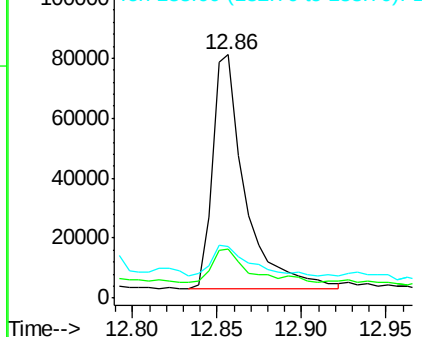
Lab File: BF104016.D

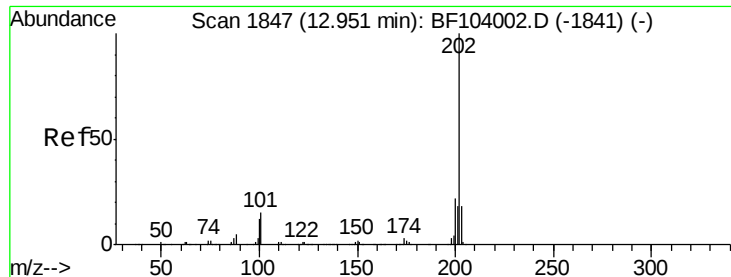
Acq: 28 Mar 2018 18:04

Tgt Ion:	184	Resp:	105765
Ion Ratio	Lower	Upper	
184	100		
185	20.2	12.6	18.8#
183	21.4	9.3	13.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





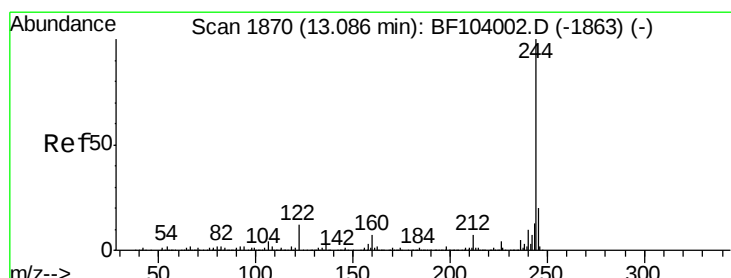
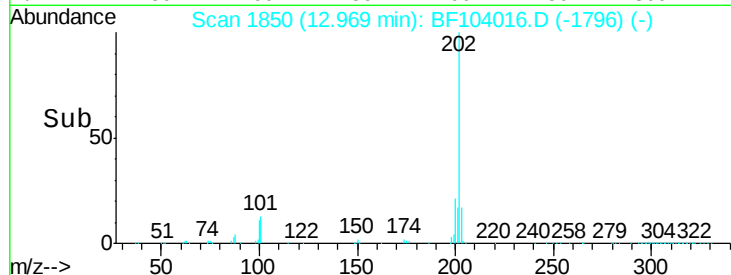
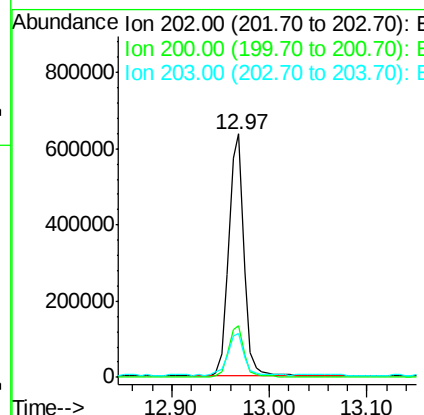
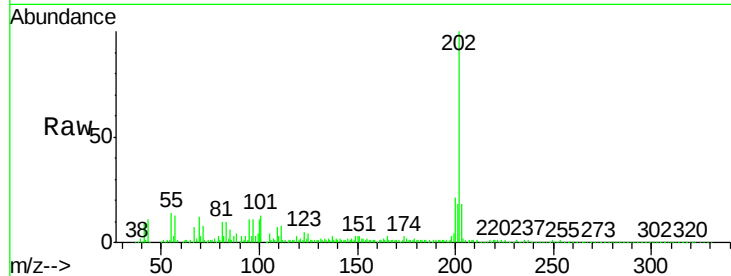
#77
Pvrene
Concen: 42.151 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.02 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5

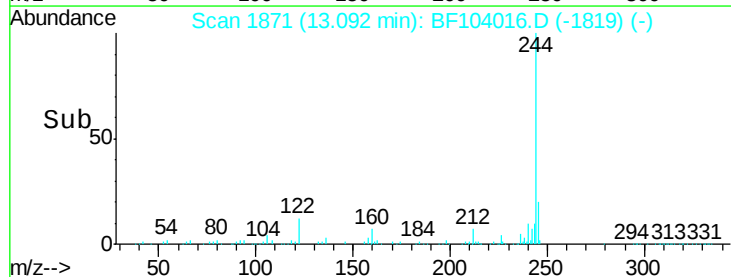
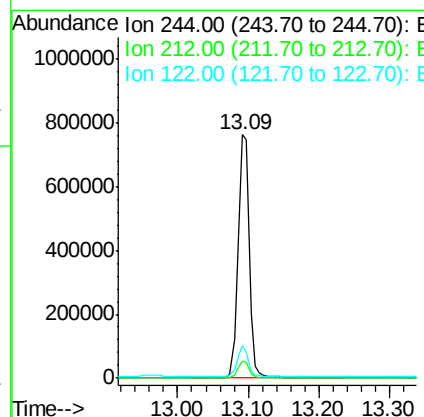
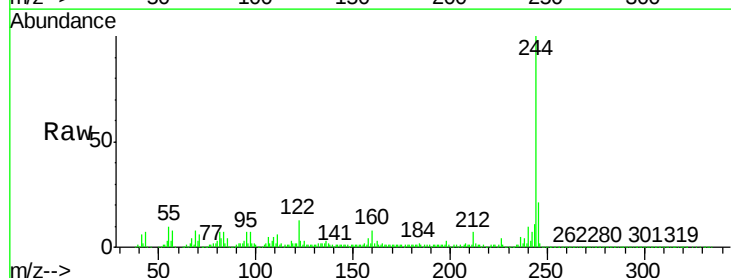
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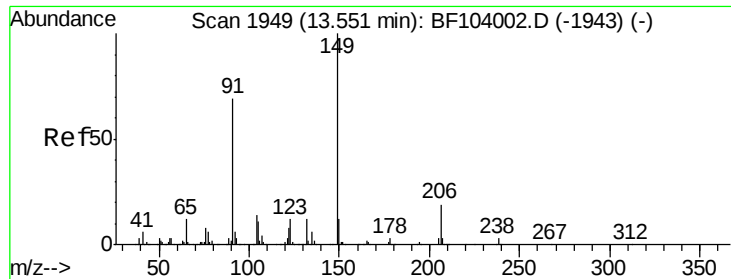
Sohil
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#78
Terphenyl-d14
Concen: 85.714 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4





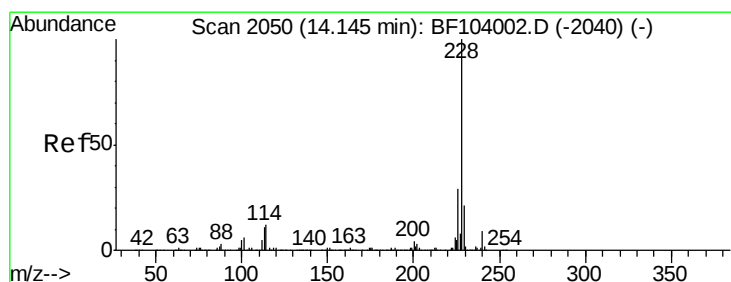
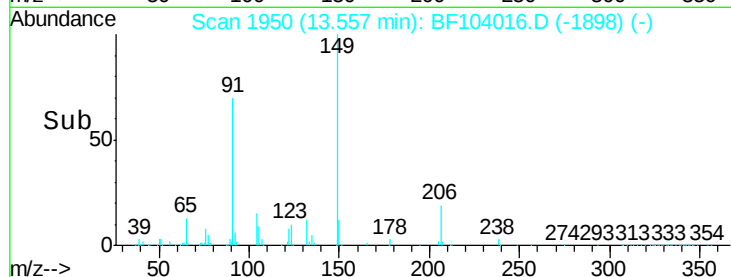
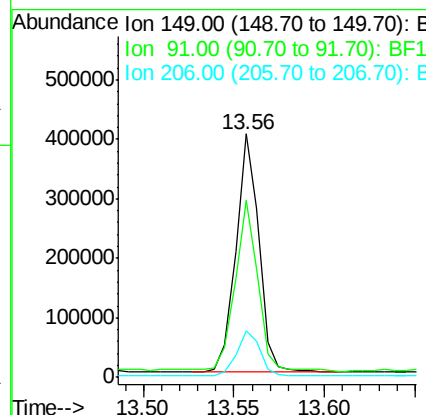
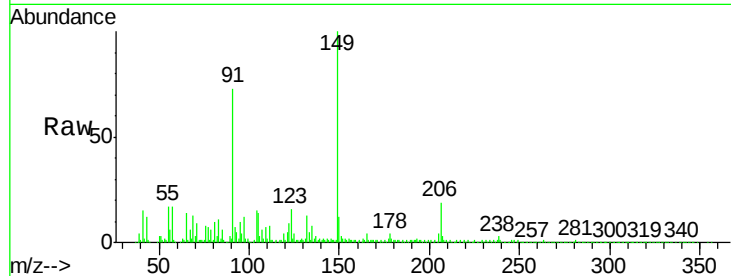
#79
Butylbenzylphthalate
Concen: 46.100 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	19.3	14.1	21.1

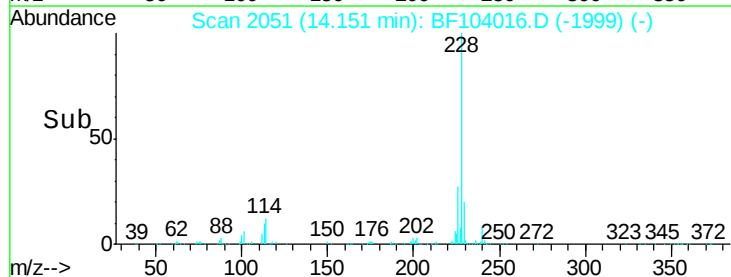
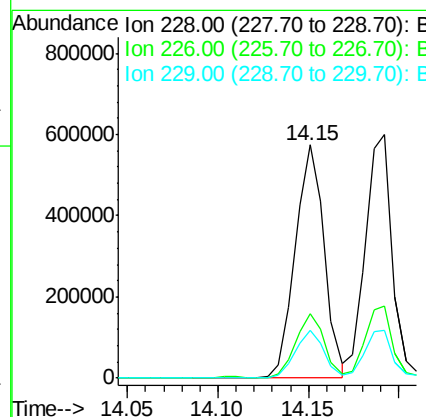
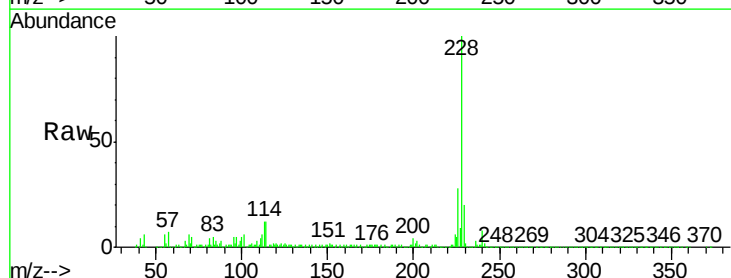
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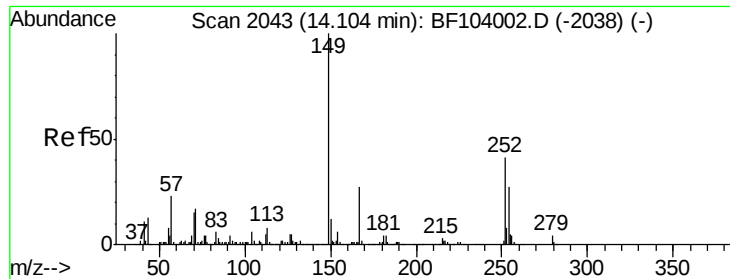
Sohil
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#80
Benzo(a)anthracene
Concen: 45.135 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	15.8	23.6





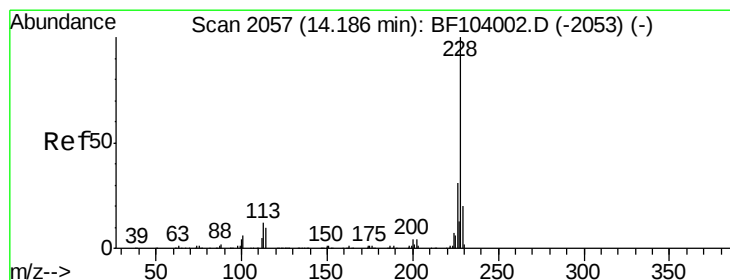
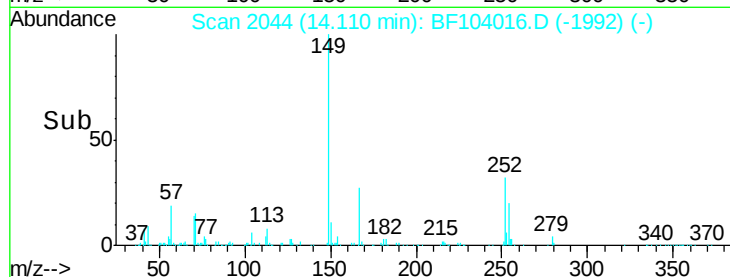
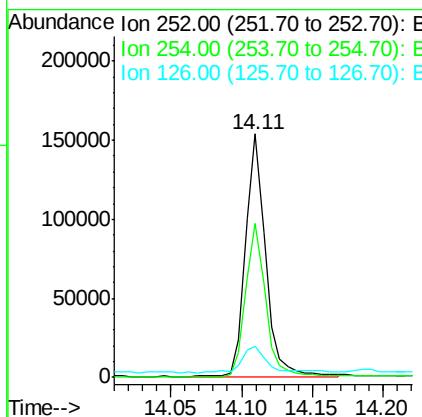
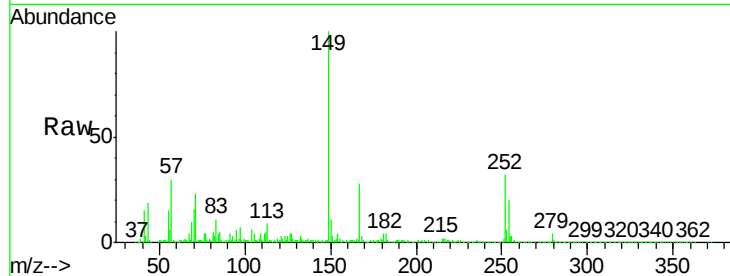
#81
 3,3'-Dichlorobenzidine
 Concen: 32.444 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	152426		
254	63.5	50.4	75.6	
126	12.9	11.3	16.9	

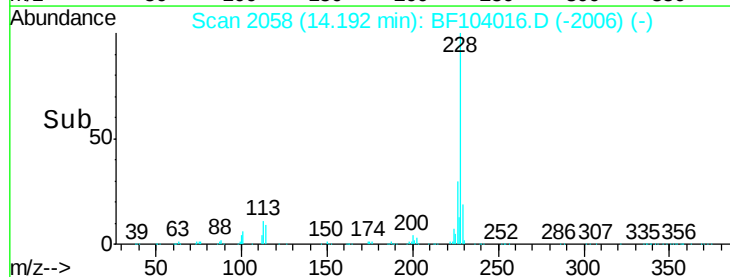
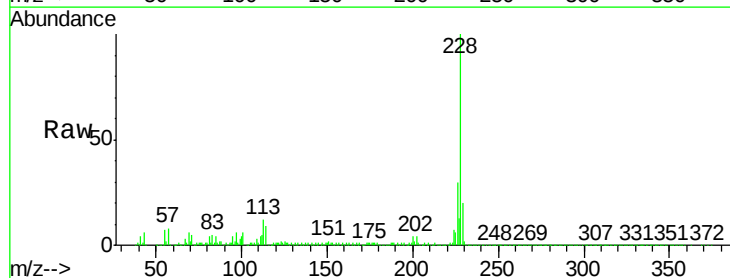
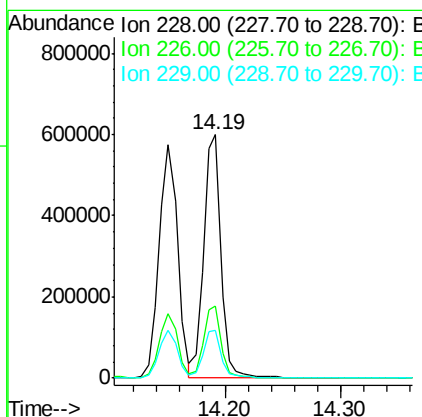
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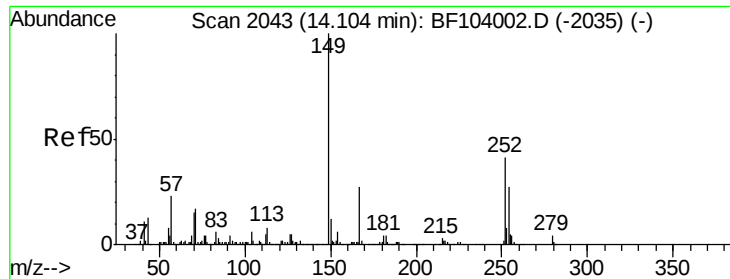
Sohil
 3/29/2018 5:36:24 PM



#82
 Chrysene
 Concen: 44.877 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	623883		
226	29.7	25.0	37.6	
229	19.6	16.2	24.4	





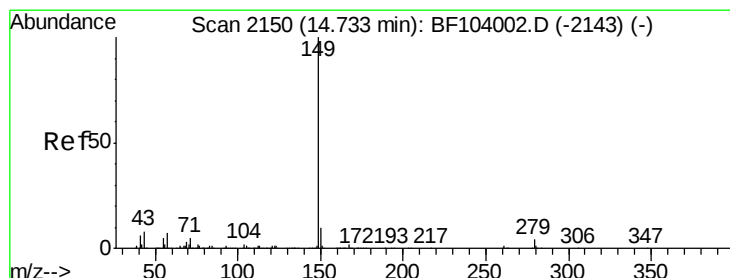
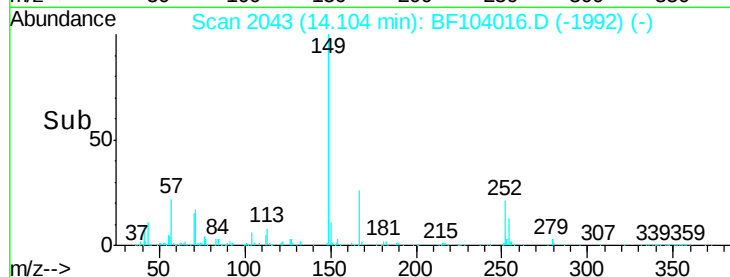
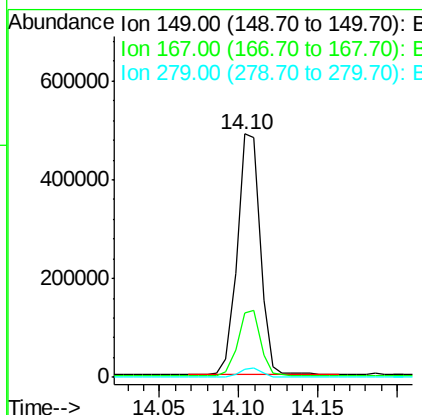
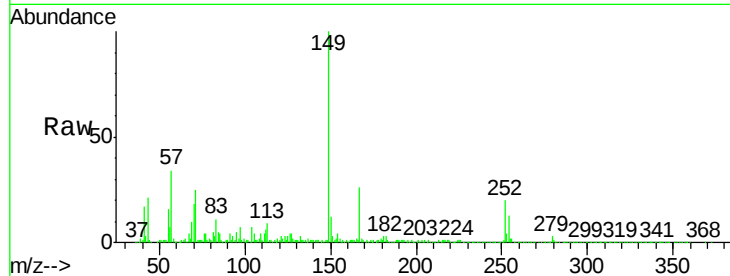
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.315 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.3	3.0	4.4

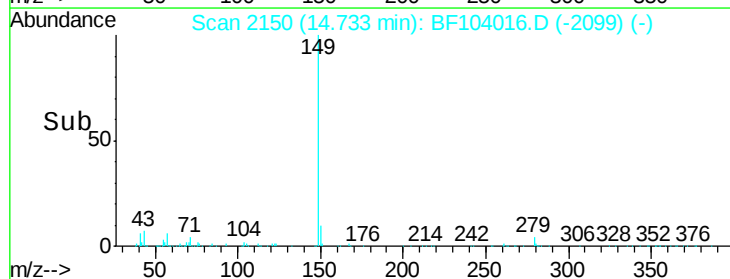
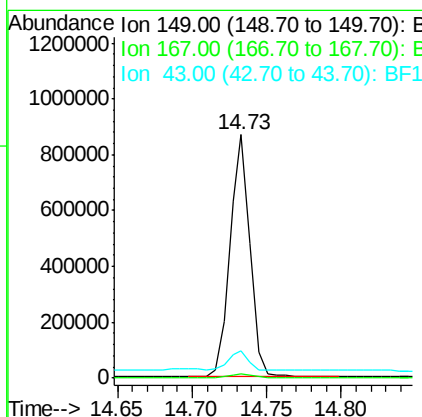
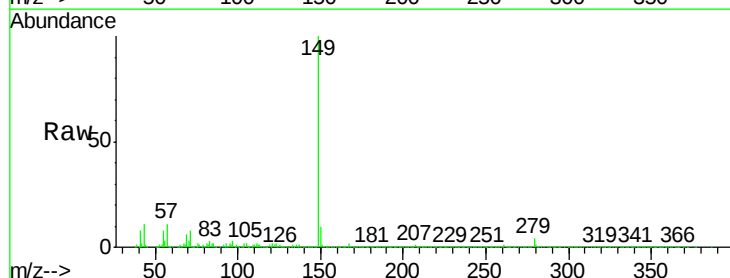
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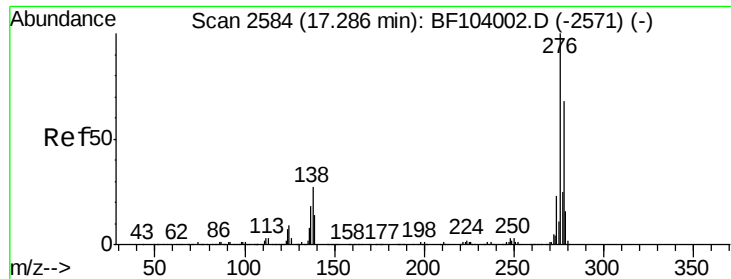
Sohil
3/29/2018 5:36:24 PM



#84
Di-n-octyl phthalate
Concen: 47.952 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	8.4	12.6#





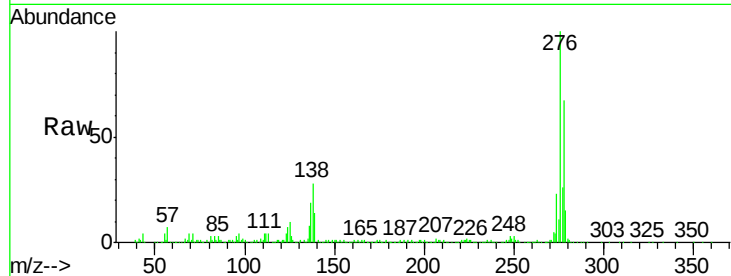
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.956 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

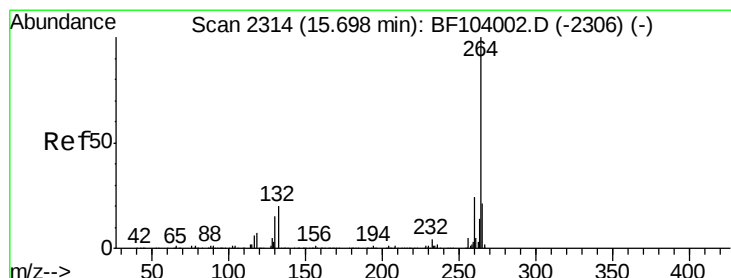
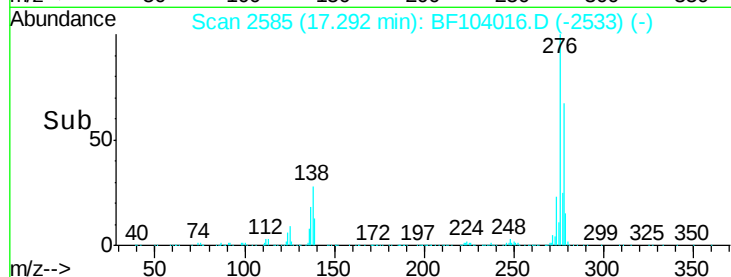
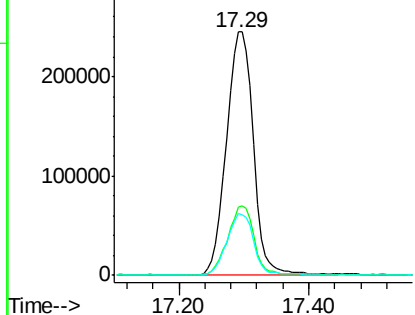
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.1	20.1	30.1

Manual Integrations
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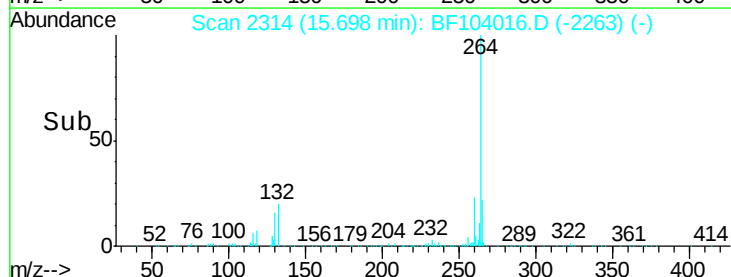
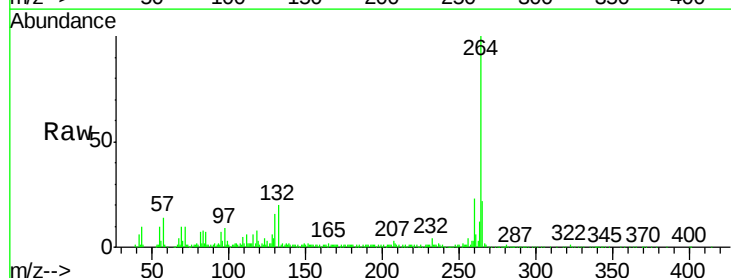
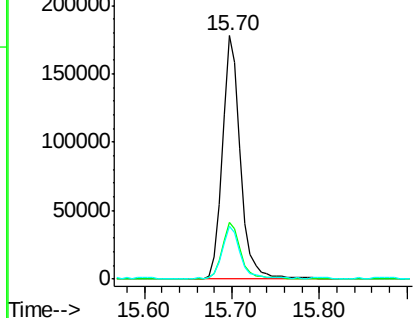
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

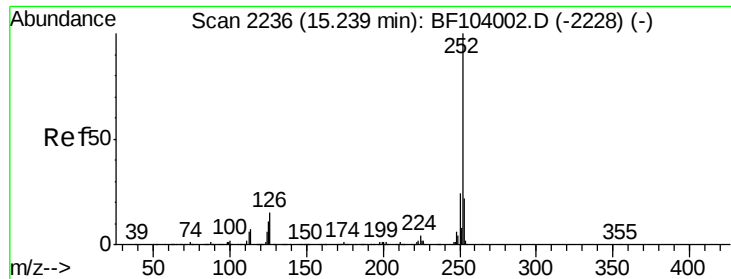


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.668 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

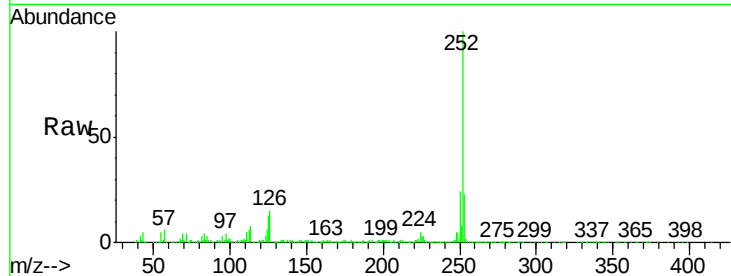
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

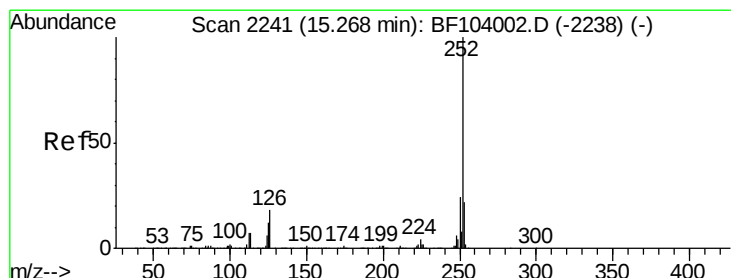
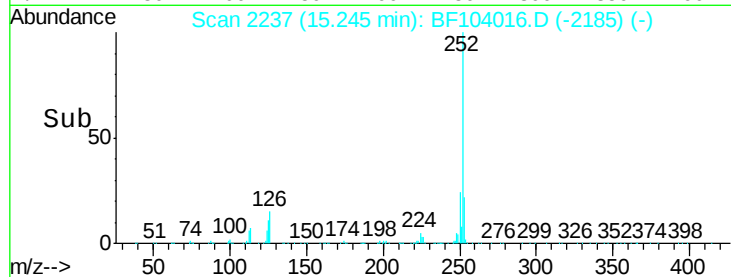
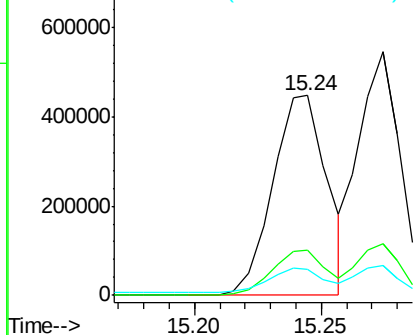
Tot Ion:	252	Resp:	665073
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	13.0	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.392 ng

RT: 15.27 min Scan# 2242

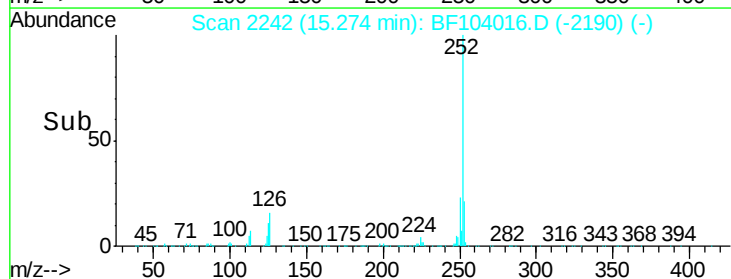
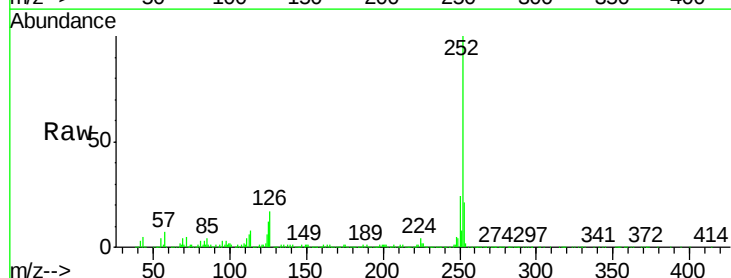
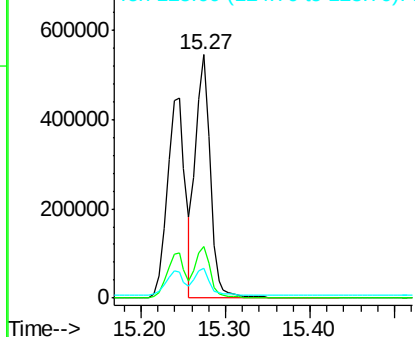
Delta R.T. 0.01 min

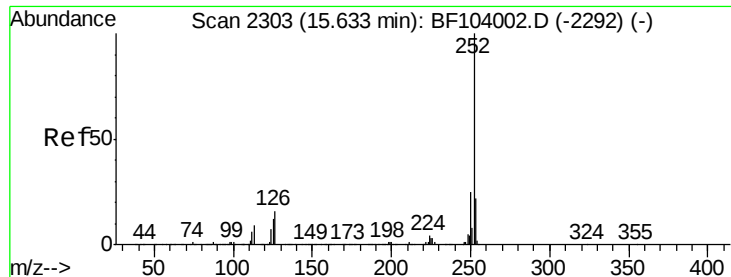
Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	252	Resp:	651233
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.9	26.9
125	12.1	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.798 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

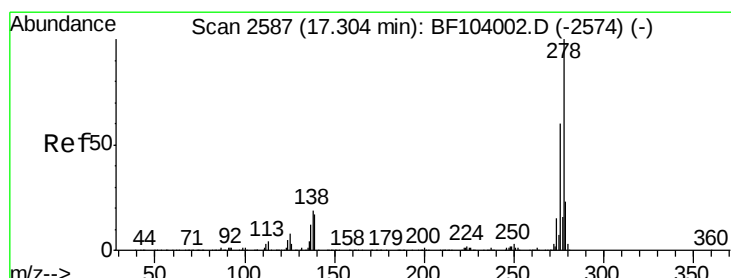
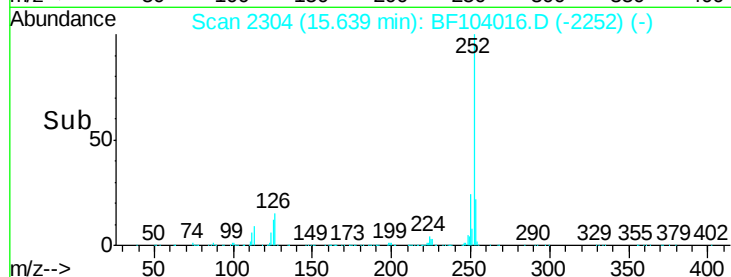
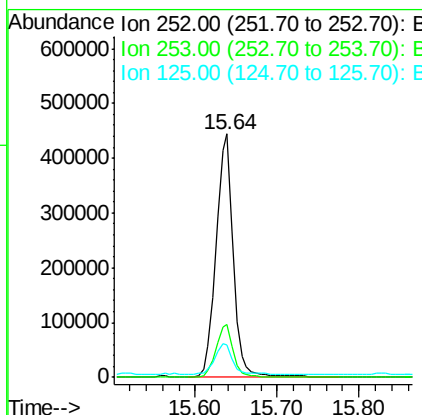
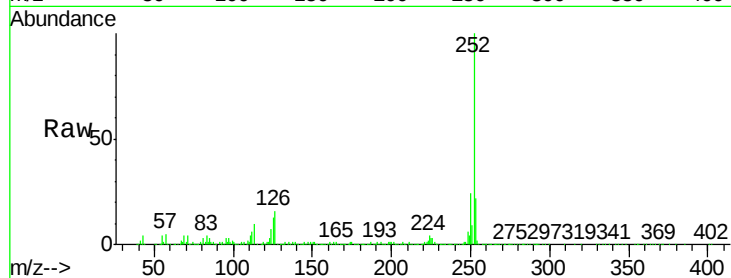
ClientSampleId :

JRS-RB201719RT-CV-2530MSD

Tot Ion:	252	Resp:	646383
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	13.1	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 45.208 ng

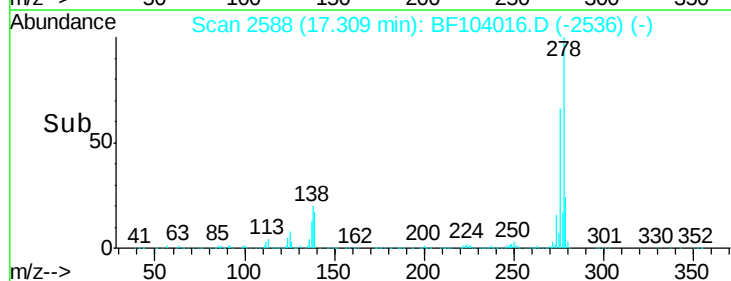
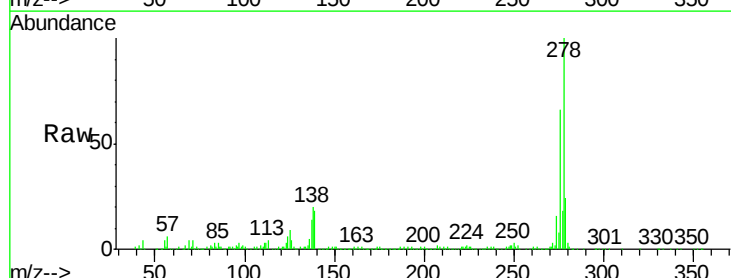
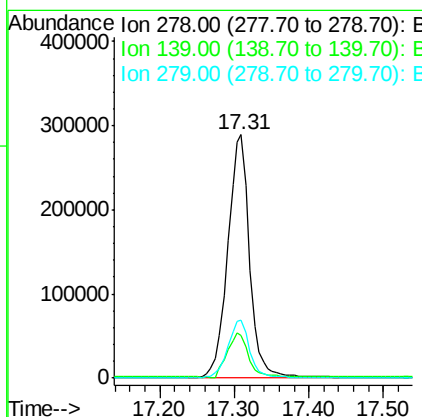
RT: 17.31 min Scan# 2588

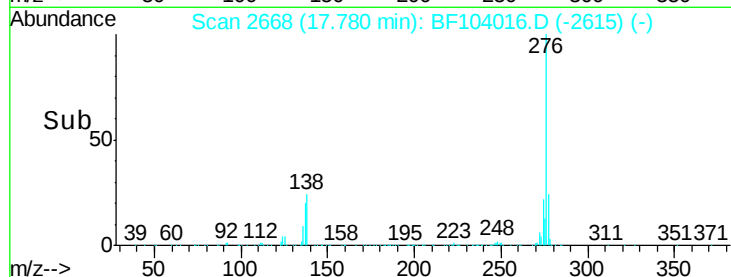
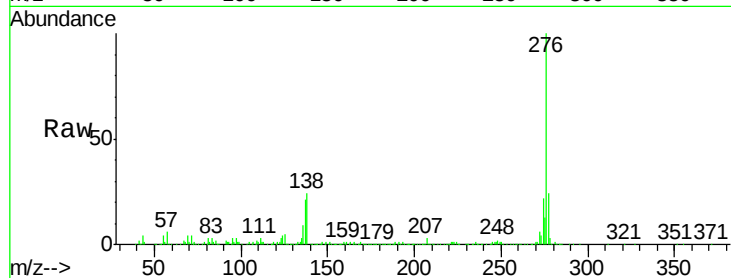
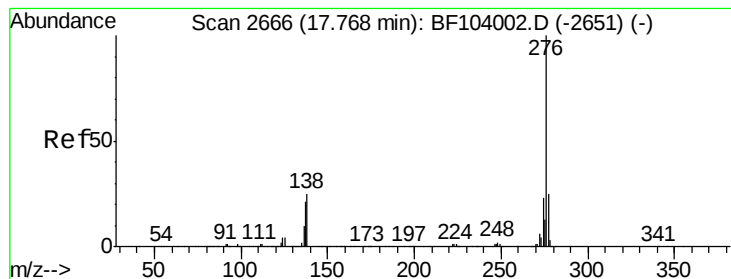
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:	278	Resp:	589923
Ion Ratio	Lower	Upper	
278	100		
139	17.7	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.340 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.2	21.8	32.8

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