

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104656.D
 Acq On : 20 Apr 2018 3:47
 Operator : JU/SJ
 Sample : PB108328BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Manual Integrations
 APPROVED

Sohil
 4/20/2018 3:05:46 PM

Quant Time: Apr 20 05:11:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139523	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561101	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240097	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	379406	20.00	ng	0.00
75) Chrysene-d12	13.98	240	268940	20.00	ng	0.00
86) Perylene-d12	15.44	264	249877	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	681965	74.74	ng	0.01
7) Phenol-d6	6.45	99	839070	74.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	758133	88.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	192426	77.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1272629	83.73	ng	0.00
78) Terphenyl-d14	12.92	244	999396	84.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	139474	32.804	ng	# 88
3) Pyridine	3.32	79	399482	33.418	ng	# 85
4) n-Nitrosodimethylamine	3.28	42	153496	36.733	ng	# 72
6) Aniline	6.47	93	190911	12.257	ng	97
8) 2-Chlorophenol	6.59	128	379769	39.432	ng	95
9) Benzaldehyde	6.36	77	225286	39.588	ng	94
10) Phenol	6.46	94	447553	37.623	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	352565	37.140	ng	97
12) 1,3-Dichlorobenzene	6.75	146	396610	36.350	ng	98
13) 1,4-Dichlorobenzene	6.82	146	398886	36.675	ng	98
14) 1,2-Dichlorobenzene	6.97	146	370268	36.737	ng	99
15) Benzyl Alcohol	6.95	79	305293	35.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	446324	35.010	ng	84
17) 2-Methylphenol	7.06	107	311499	37.208	ng	96
18) Hexachloroethane	7.32	117	127876	32.976	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	244399	33.360	ng	94
20) 3+4-Methylphenols	7.22	107	372438	35.870	ng	# 75
22) Acetophenone	7.22	105	490591	35.514	ng	99
24) Nitrobenzene	7.39	77	385412	40.625	ng	97
25) Isophorone	7.63	82	700013	38.524	ng	98
26) 2-Nitrophenol	7.70	139	196143	50.785	ng	98
27) 2,4-Dimethylphenol	7.75	122	332508	41.463	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	454247	40.887	ng	99
29) 2,4-Dichlorophenol	7.95	162	306981	40.119	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	313324	37.312	ng	100
31) Naphthalene	8.11	128	1050173	37.587	ng	99
32) Benzoic acid	7.87	122	220911	34.525	ng	97
33) 4-Chloroaniline	8.16	127	70699	5.906	ng	95
34) Hexachlorobutadiene	8.22	225	168870	36.714	ng	99
35) Caprolactam	8.55	113	103062m	38.610	ng	
36) 4-Chloro-3-methylphenol	8.65	107	327435	39.908	ng	98
37) 2-Methylnaphthalene	8.80	142	691127	38.241	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286854	41.737	ng	99
40) Hexachlorocyclopentadiene	8.95	237	103941	27.014	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	201334	42.199	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	210232	39.376	nq	98
45) 1,1'-Biphenyl	9.27	154	792843	39.308	nq	99
46) 2-Chloronaphthalene	9.29	162	628105	39.425	nq	100
47) 2-Nitroaniline	9.39	65	189526	48.104	nq	98
48) Acenaphthylene	9.71	152	919457	36.784	nq	99
49) Dimethylphthalate	9.57	163	766828	40.501	nq	100
50) 2,6-Dinitrotoluene	9.63	165	162402	46.355	nq	97
51) Acenaphthene	9.88	154	535327	35.101	nq	99
52) 3-Nitroaniline	9.80	138	71287	17.381	nq	100
53) 2,4-Dinitrophenol	9.91	184	62287	52.129	nq	# 22
54) Dibenzofuran	10.05	168	810454	38.132	nq	98
55) 4-Nitrophenol	9.97	139	247116	76.700	nq	96
56) 2,4-Dinitrotoluene	10.04	165	200999	43.738	nq	95
57) Fluorene	10.40	166	607611	39.276	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	157820	39.622	nq	95
59) Diethylphthalate	10.27	149	717125	38.031	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	286440	41.576	nq	97
61) 4-Nitroaniline	10.42	138	141870	35.376	nq	97
62) Azobenzene	10.55	77	656453	36.439	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	48109	29.398	nq	85
65) n-Nitrosodiphenylamine	10.50	169	567730	43.157	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	176410	43.713	nq	95
67) Hexachlorobenzene	10.94	284	186088	40.980	nq	96
68) Atrazine	11.03	200	180287	45.403	nq	99
69) Pentachlorophenol	11.14	266	172210	61.300	nq	98
70) Phenanthrene	11.36	178	823295	38.965	nq	99
71) Anthracene	11.41	178	839857	39.104	nq	100
72) Carbazole	11.57	167	764130	36.409	nq	100
73) Di-n-butylphthalate	11.89	149	1040606	40.589	nq	99
74) Fluoranthene	12.54	202	772684	35.002	nq	100
76) Benzidine	12.67	184	383540	42.944	nq	98
77) Pyrene	12.78	202	755362	37.892	nq	99
79) Butylbenzylphthalate	13.39	149	366754	39.051	nq	99
80) Benzo(a)anthracene	13.97	228	661201	41.153	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	215364	35.951	nq	99
82) Chrysene	14.00	228	634396	38.441	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	503684	41.696	nq	99
84) Di-n-octyl phthalate	14.57	149	823189	40.783	nq	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	571215	40.746	nq	98
87) Benzo(b)fluoranthene	15.02	252	621395	39.374	nq	98
88) Benzo(k)fluoranthene	15.04	252	609002	40.874	nq	99
89) Benzo(a)pyrene	15.38	252	577749	40.915	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	481316	41.502	nq	98
91) Benzo(g,h,i)perylene	17.33	276	449798	40.032	nq	95

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

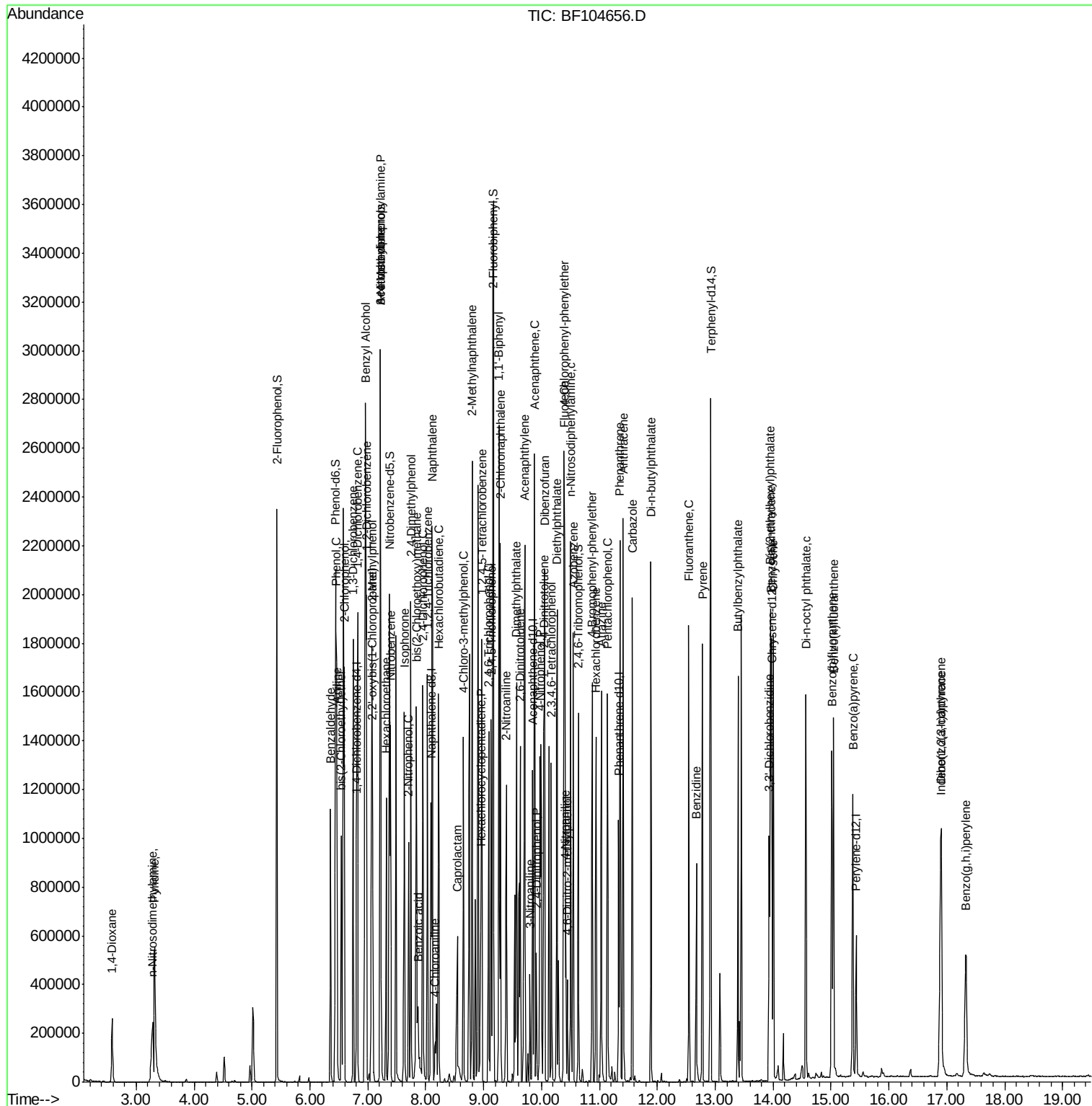
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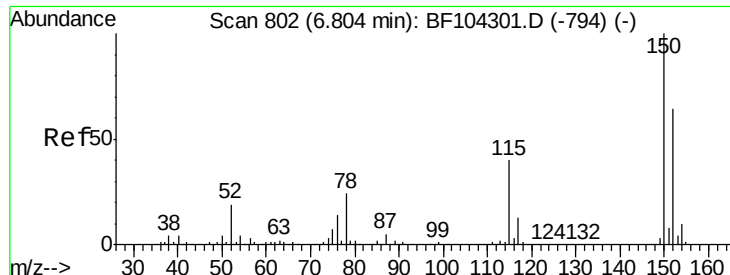
Instrument :
BNA_F
ClientSampled :
PB108328BS

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#1

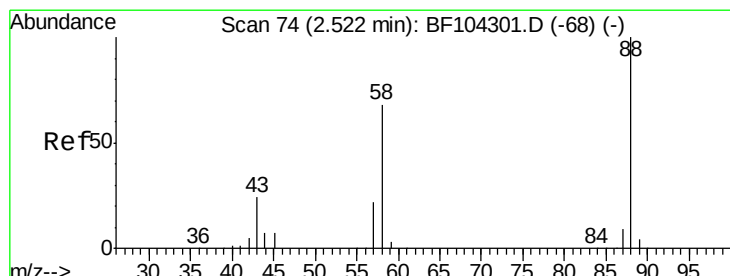
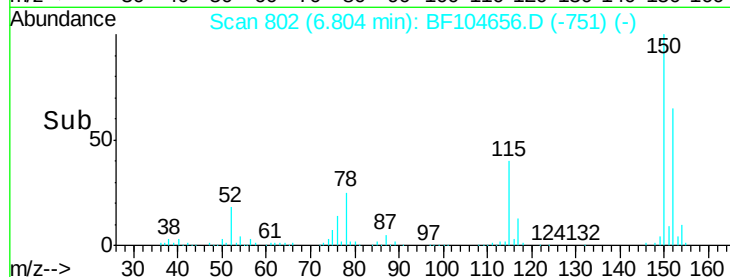
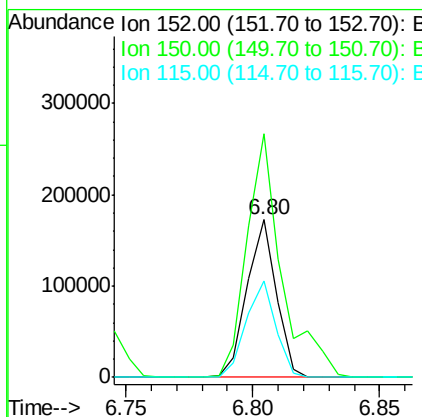
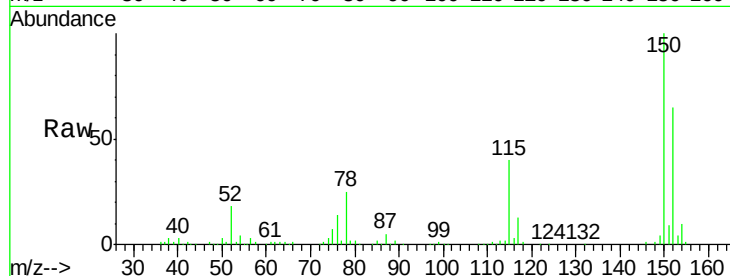
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.5	50.1	75.1

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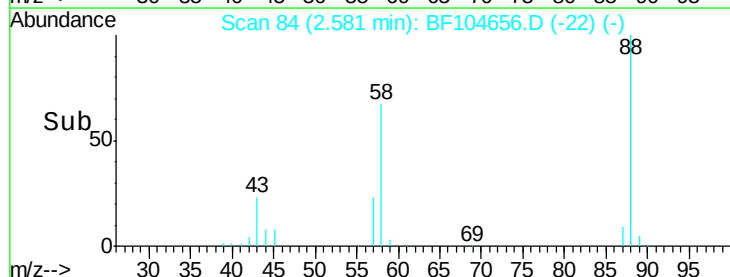
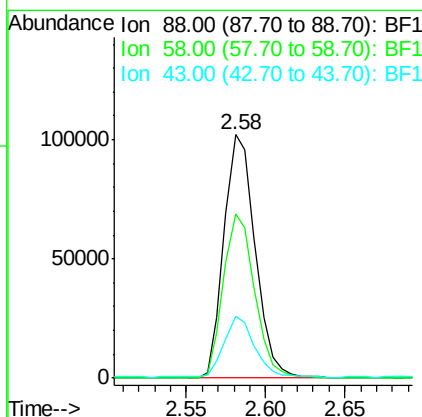
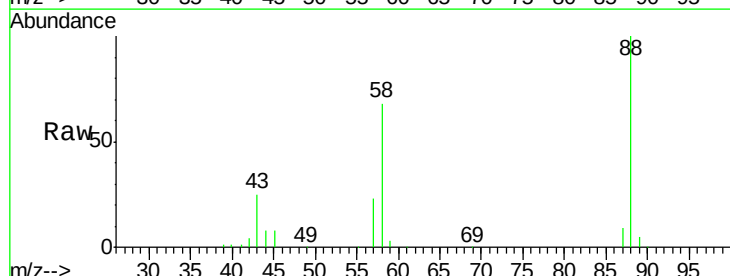
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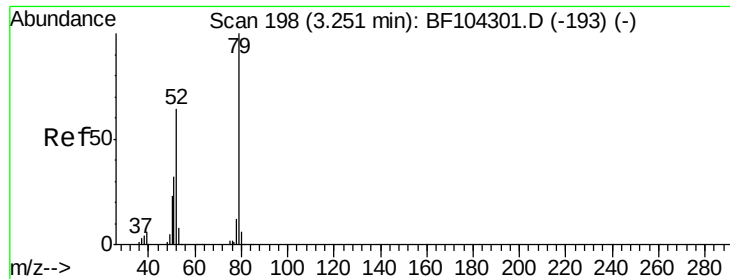


#2

1,4-Dioxane
Concen: 32.804 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	62.6	93.8
43	24.5	24.6	37.0





#3

Pvridine

Concen: 33.418 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

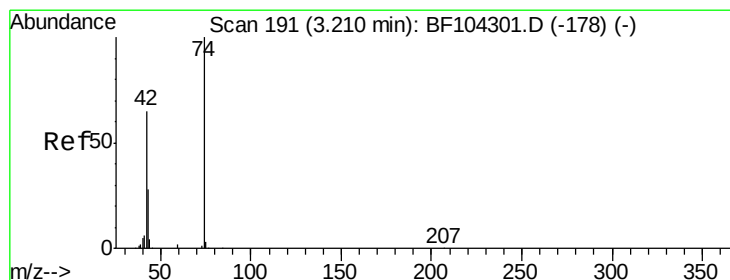
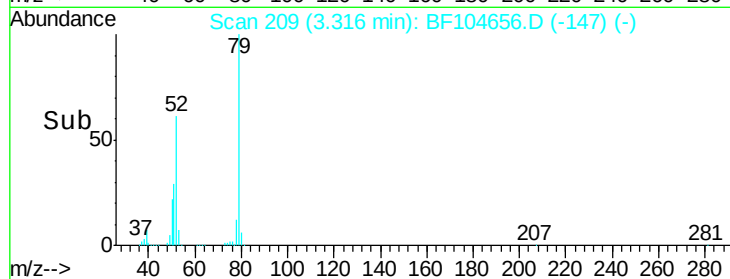
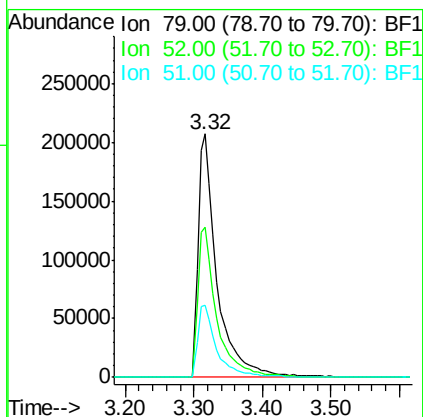
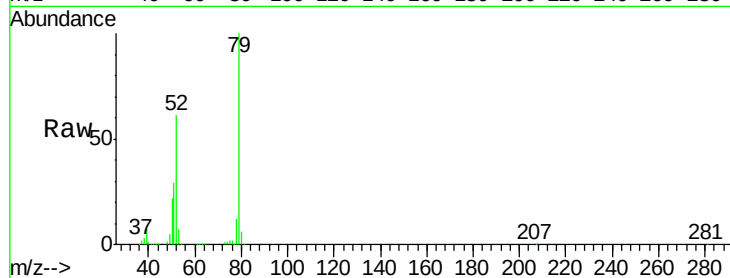
ClientSampled :

PB108328BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		399482		
52	61.5	59.8	89.6		
51	29.5	29.8	44.8#		

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#4

n-Nitrosodimethylamine

Concen: 36.733 ng

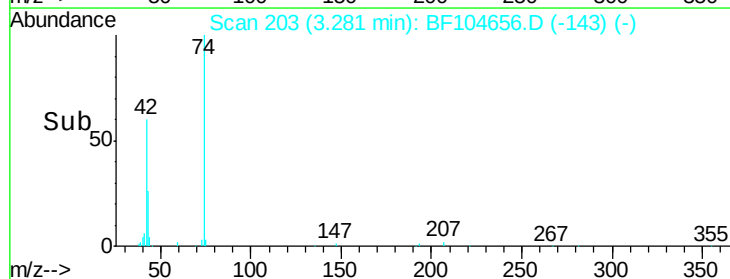
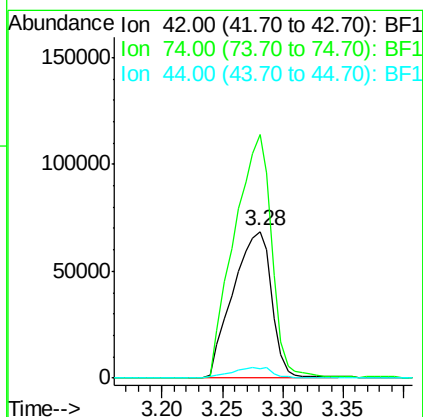
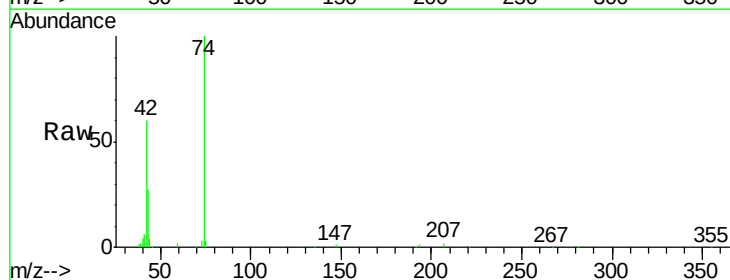
RT: 3.28 min Scan# 203

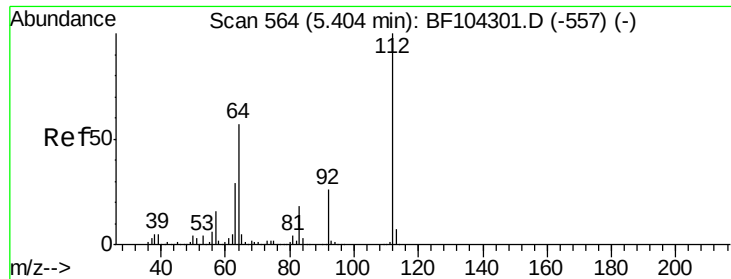
Delta R.T. 0.05 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		153496		
74	165.9	104.9	157.3#		
44	6.4	6.9	10.3#		





#5

2-Fluorophenol

Concen: 74.738 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

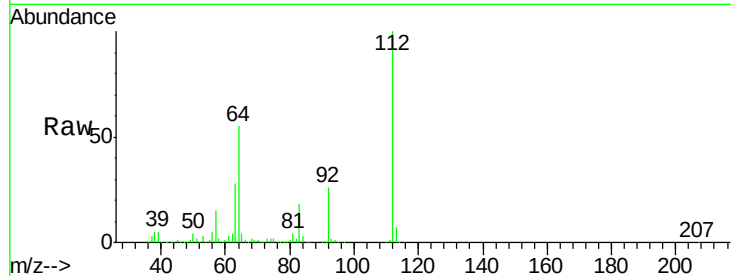
ClientSampleId :

PB108328BS

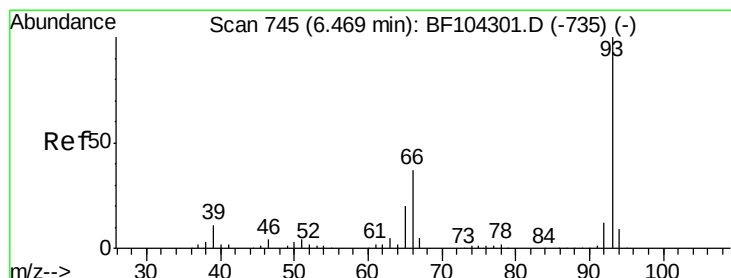
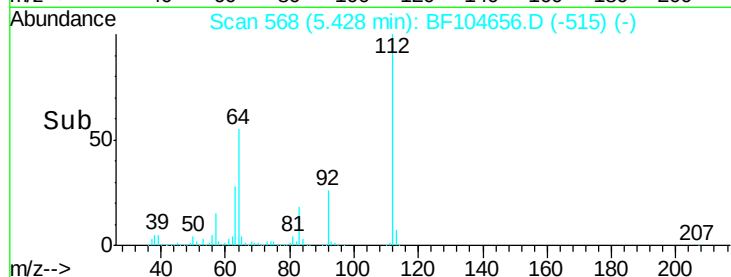
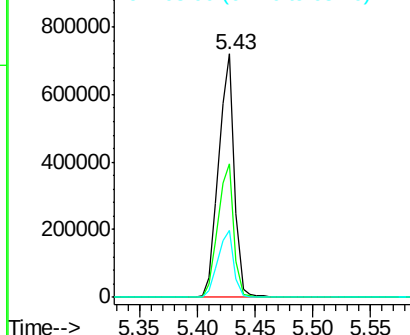
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		681965		
64	54.9	47.9	71.9		
63	27.7	23.7	35.5		

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.257 ng

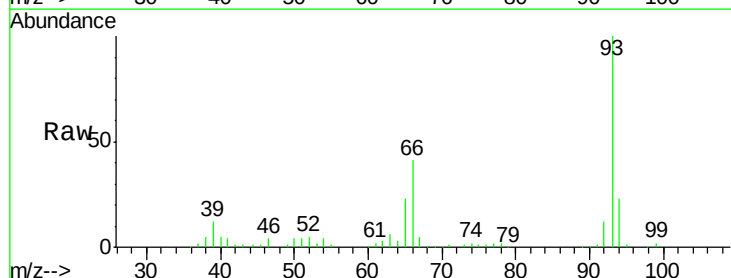
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

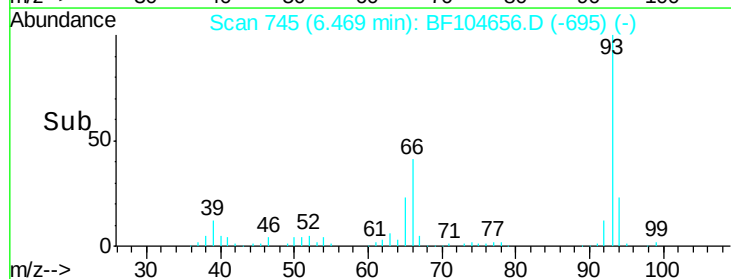
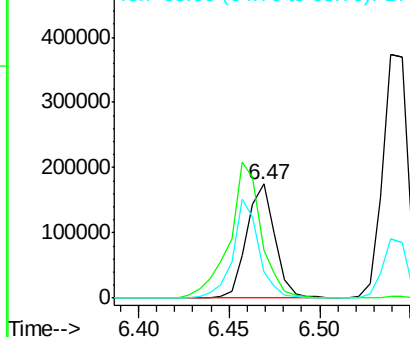
Lab File: BF104656.D

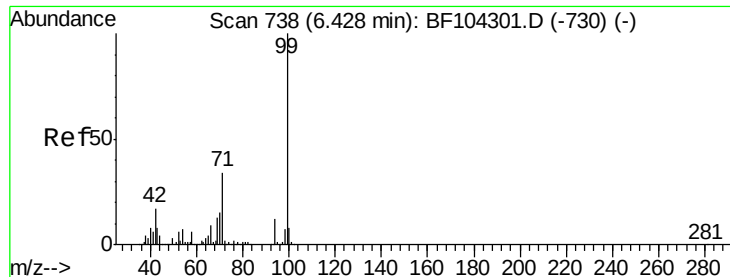
Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		190911		
66	41.5	32.2	48.2		
65	22.5	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: 74.841 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

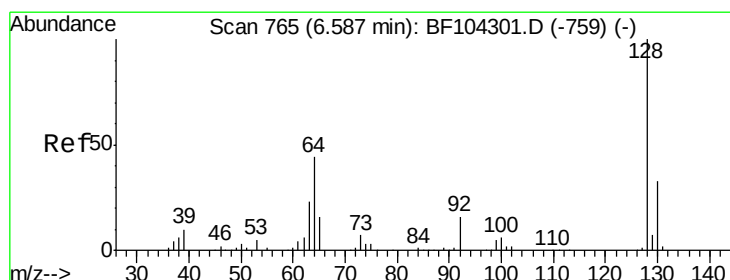
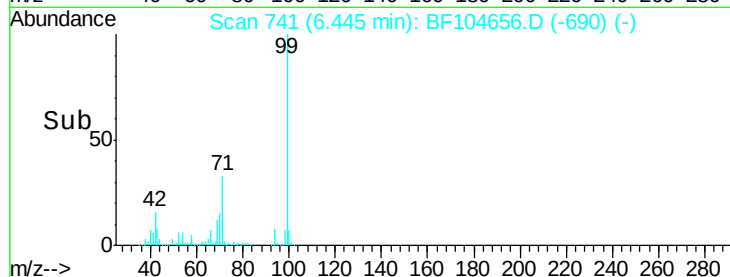
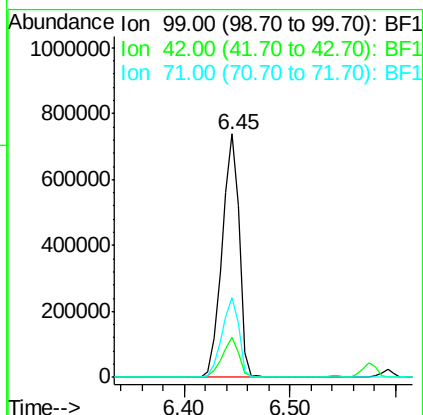
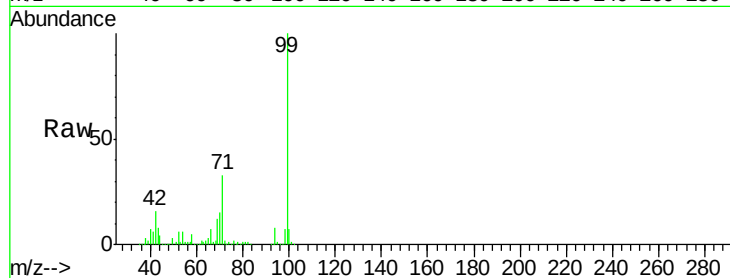
ClientSampled :

PB108328BS

Tot Ion:	99	Resp:	839070
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	32.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.432 ng

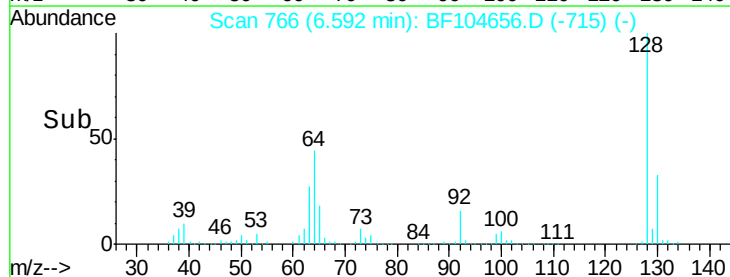
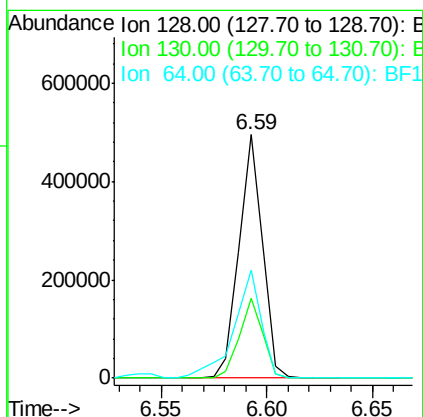
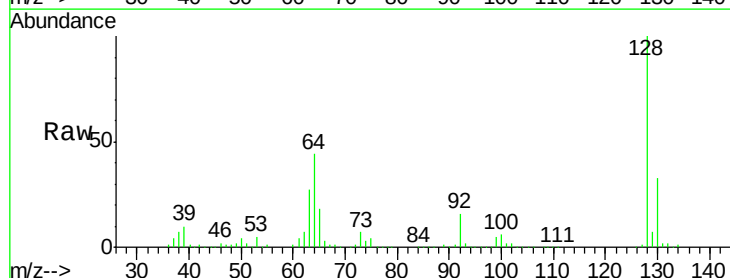
RT: 6.59 min Scan# 766

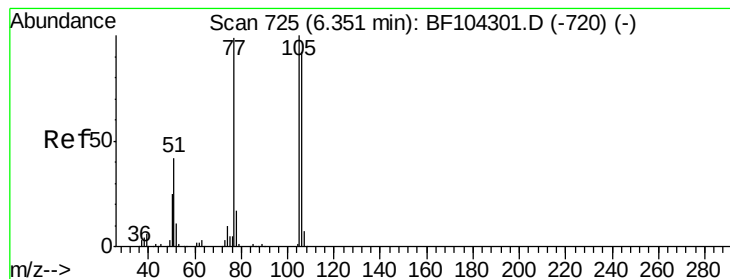
Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:	128	Resp:	379769
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	44.2	29.4	69.4





#9

Benzaldehyde

Concen: 39.588 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

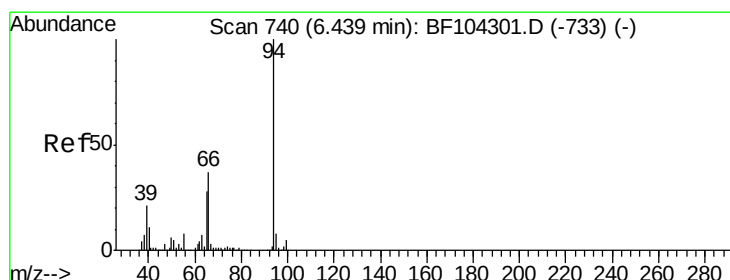
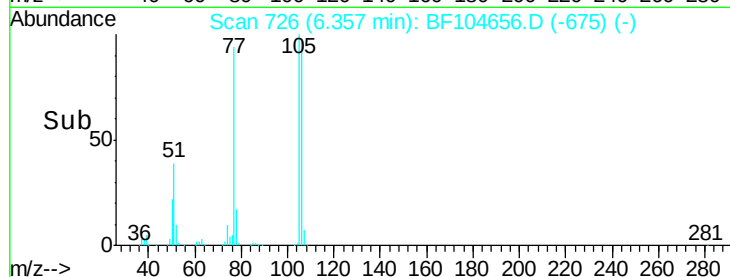
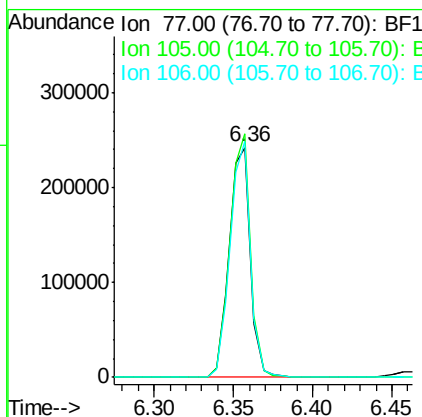
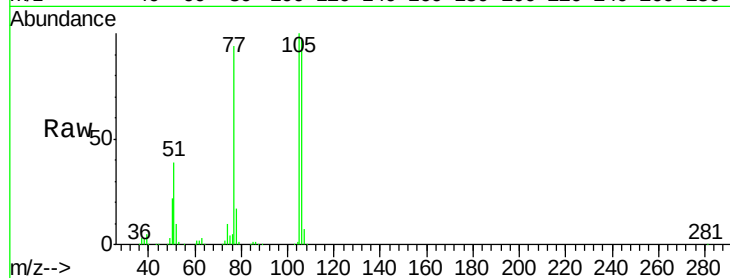
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.9	81.1	121.1		
106	102.6	74.5	114.5		

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#10

Phenol

Concen: 37.623 ng

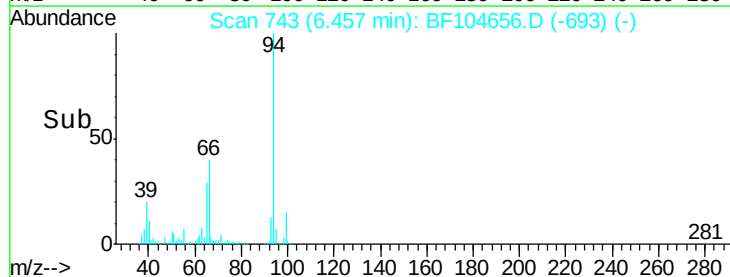
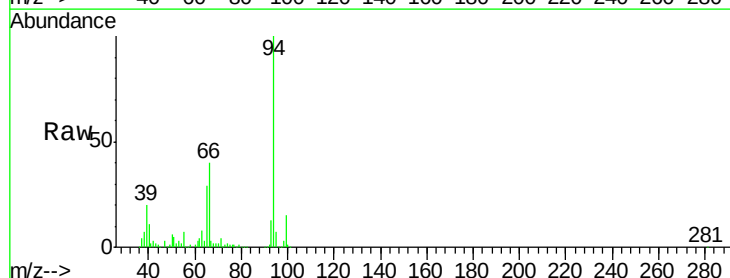
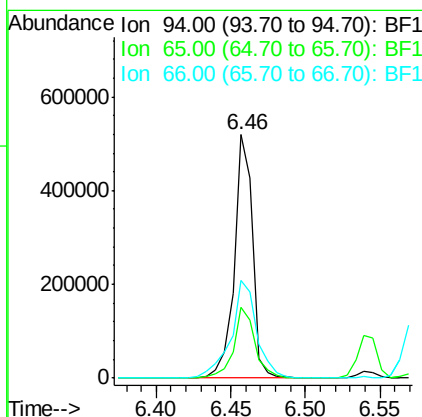
RT: 6.46 min Scan# 743

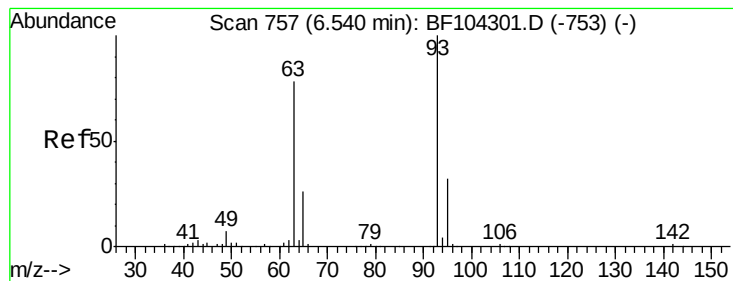
Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.2	7.9	47.9		
66	40.4	16.2	56.2		





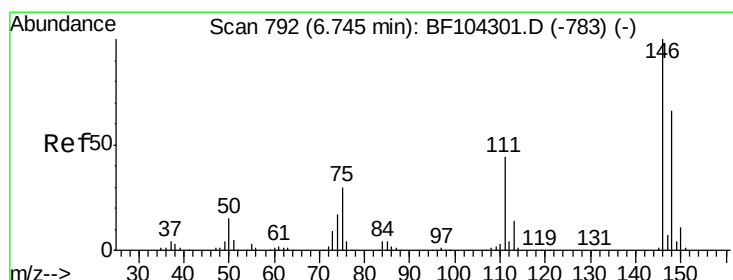
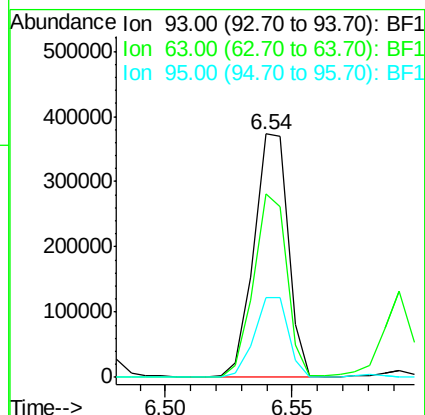
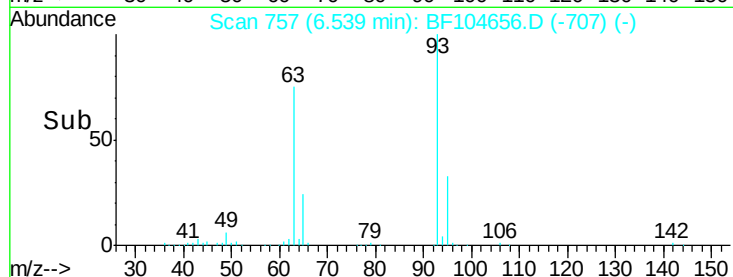
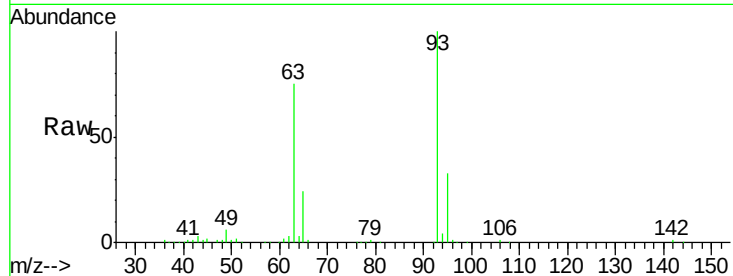
#11
bis(2-Chloroethyl)ether
Concen: 37.140 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	352565		
63	75.2	58.6	98.6	
95	32.9	11.8	51.8	

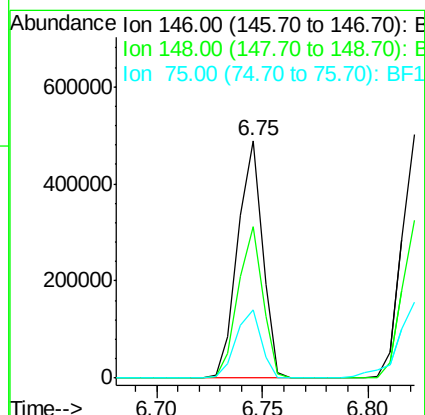
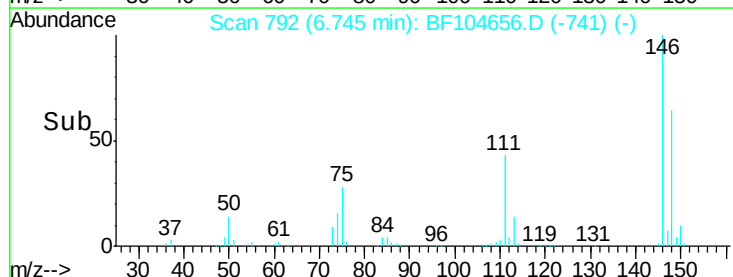
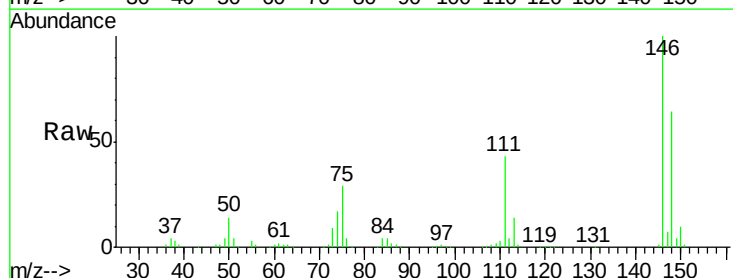
Manual Integrations
APPROVED

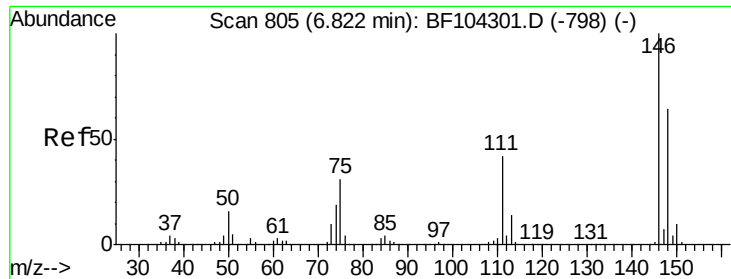
Sohil
4/20/2018 3:05:46 PM



#12
1,3-Dichlorobenzene
Concen: 36.350 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	396610		
148	63.5	51.8	77.8	
75	28.7	24.2	36.4	





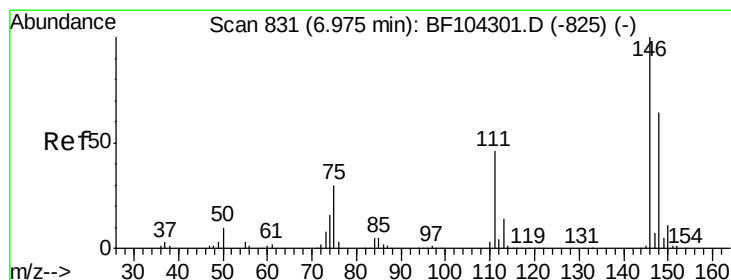
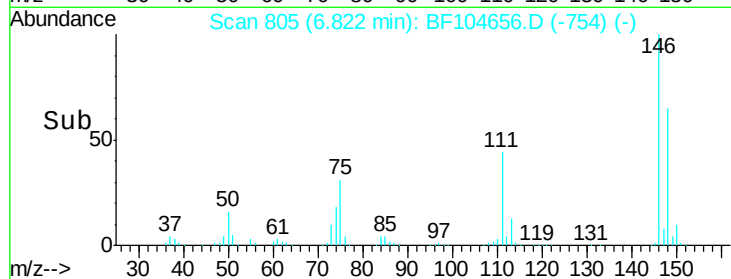
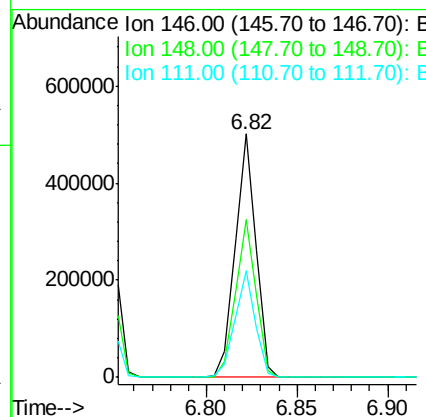
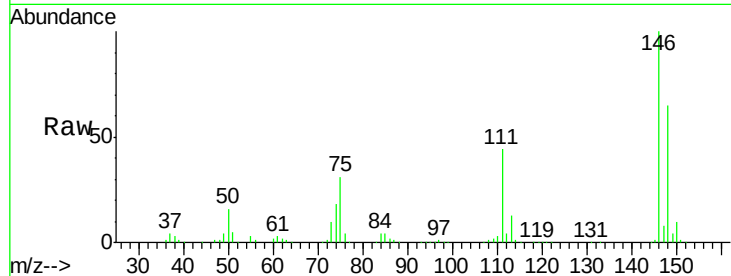
#13
 1,4-Dichlorobenzene
 Concen: 36.675 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	43.8	34.2	51.2

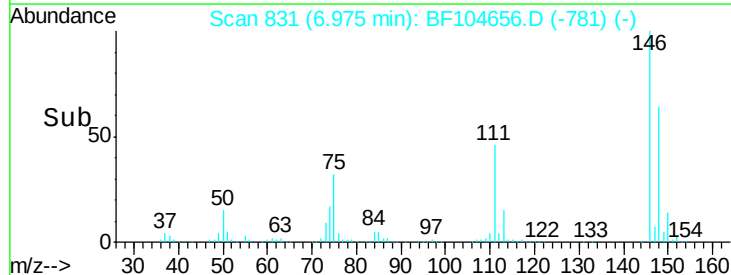
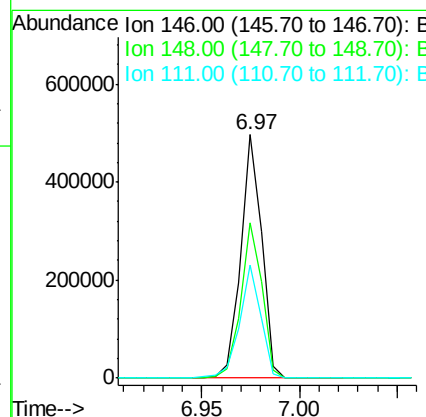
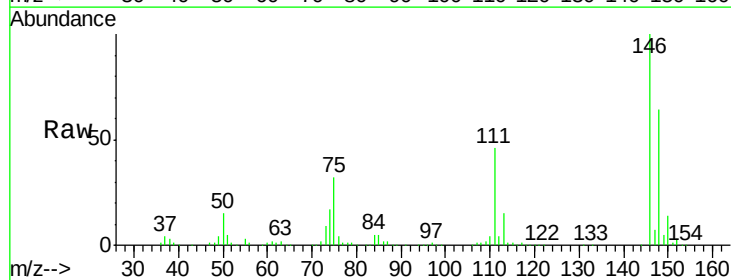
Manual Integrations
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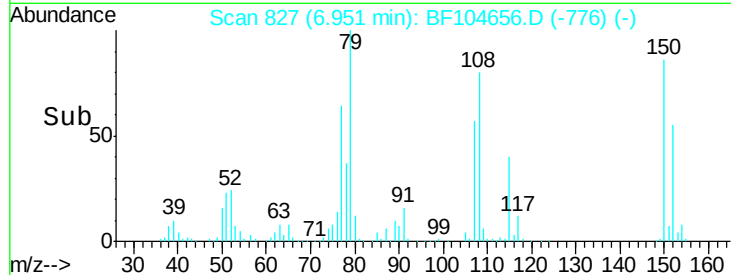
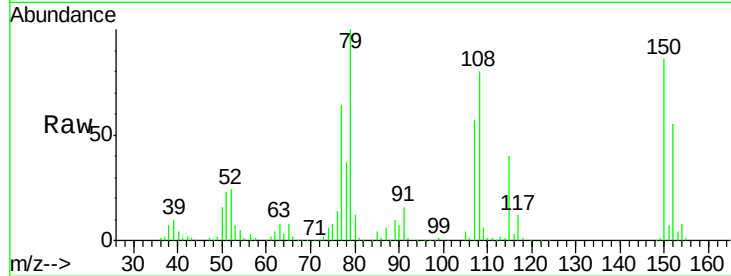
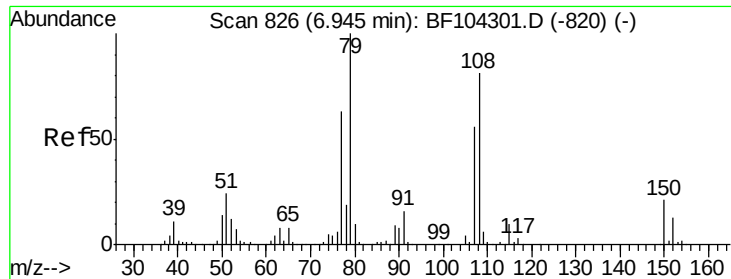
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#14
 1,2-Dichlorobenzene
 Concen: 36.737 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	46.5	36.0	54.0





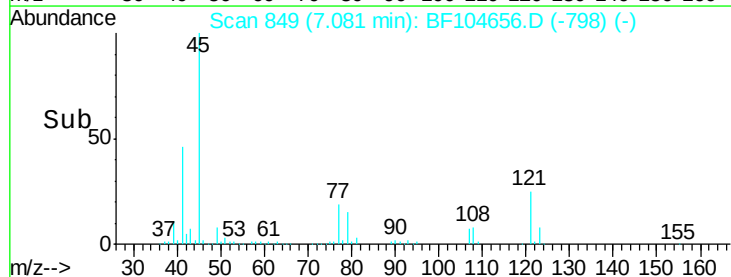
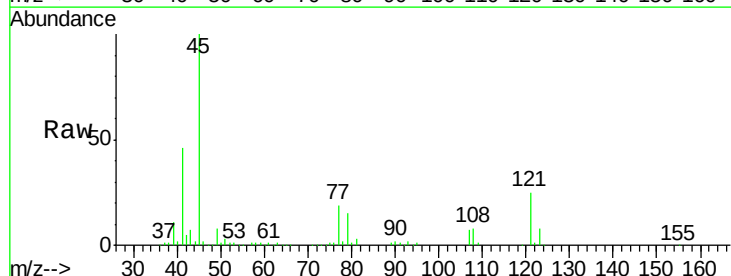
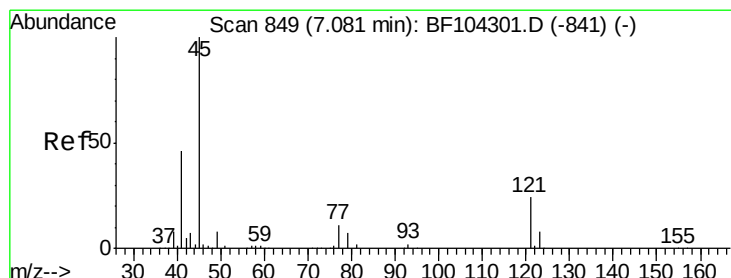
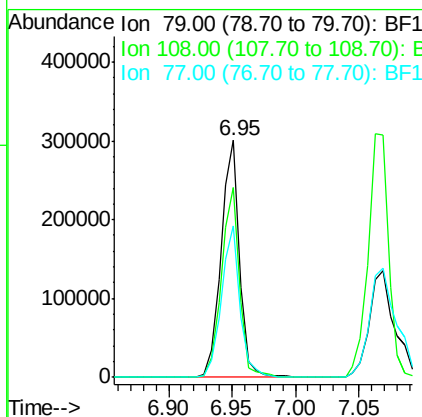
#15
Benzyl Alcohol
Concen: 35.852 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.1	65.1	97.7	
77	64.2	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108328BS

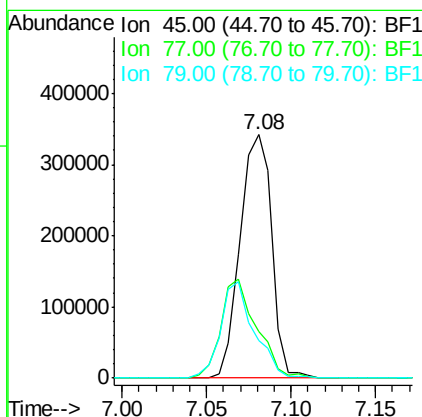
Manual Integrations
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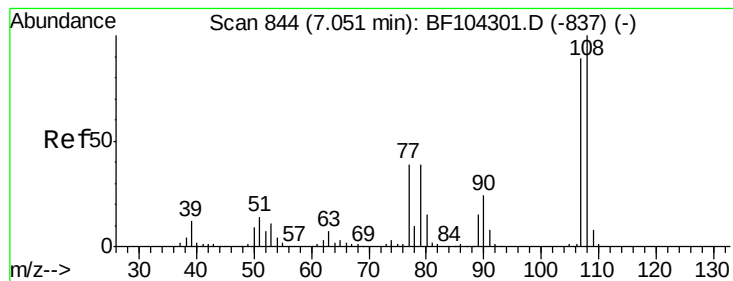
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.010 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.3	0.0	32.9	
79	15.2	0.0	29.6	





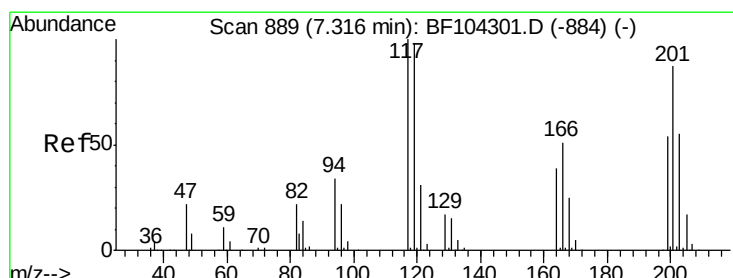
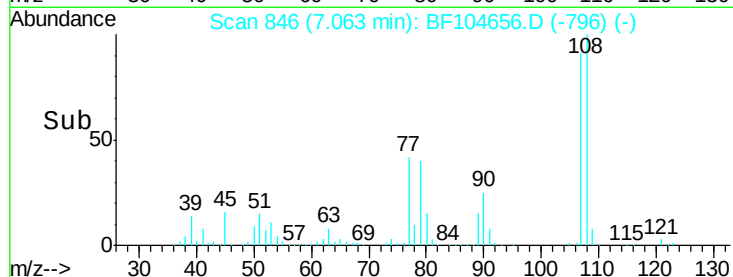
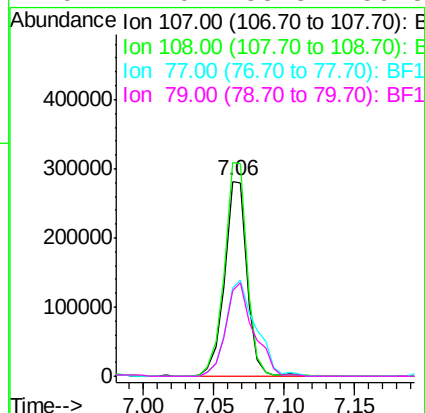
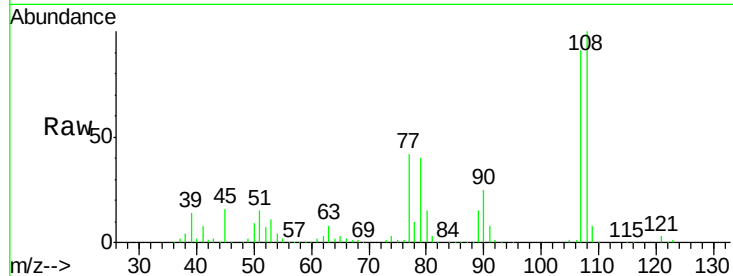
#17
2-Methylphenol
Concen: 37.208 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	107	Resp	311499
Ion Ratio	Lower	Upper	
107	100		
108	109.6	91.7	137.5
77	45.6	33.8	50.8
79	44.0	33.8	50.8

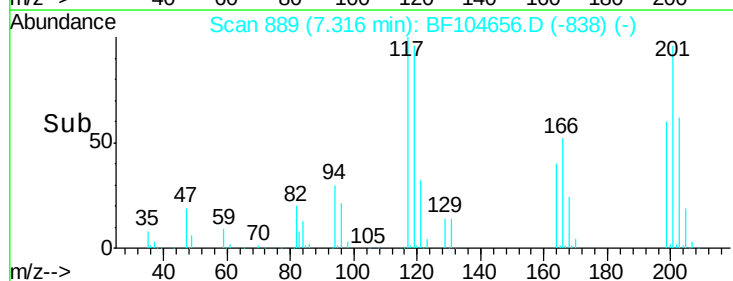
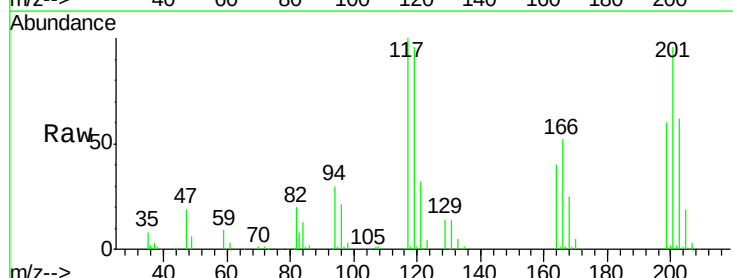
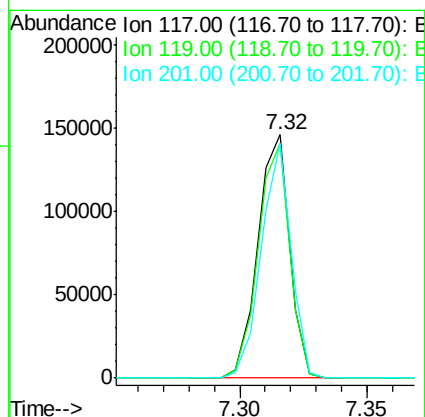
Manual Integrations
APPROVED

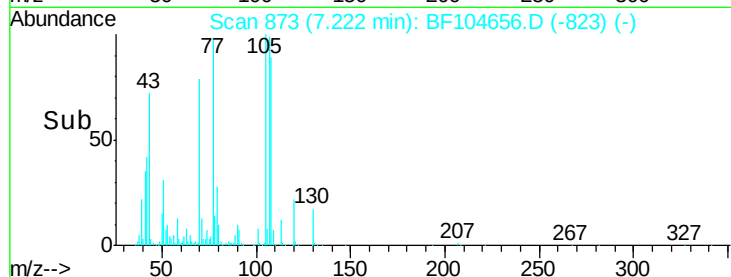
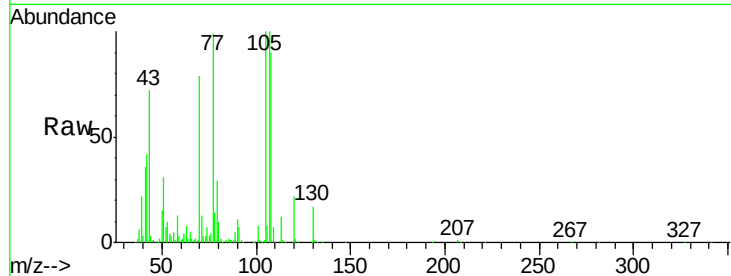
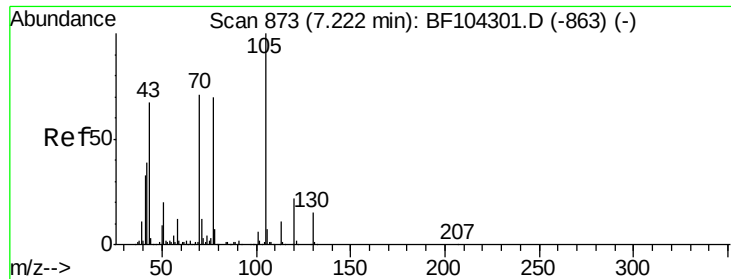
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#18
Hexachloroethane
Concen: 32.976 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	117	Resp	127876
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.8	113.8
201	96.2	75.7	113.5





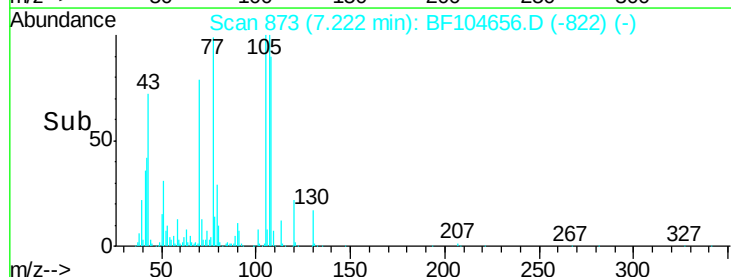
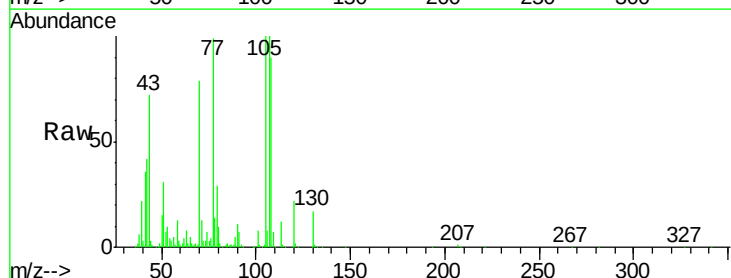
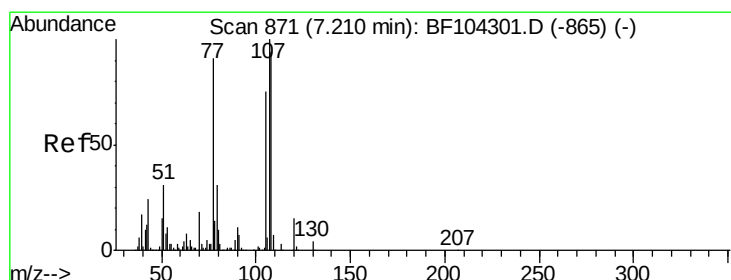
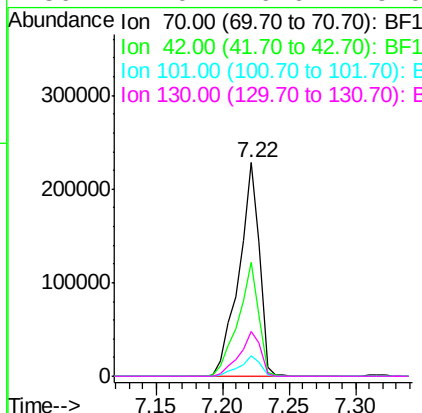
#19
n-Nitroso-di-n-propylamine
Concen: 33.360 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		244399		
42	53.2	47.5	71.3		
101	9.8	7.4	11.2		
130	21.0	16.6	25.0		

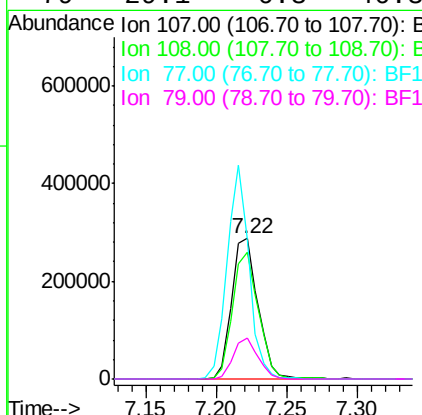
Manual Integrations
APPROVED

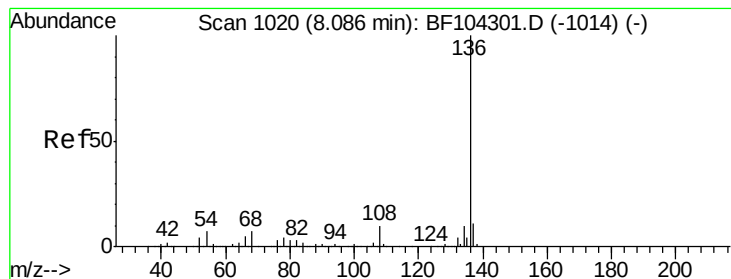
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#20
3+4-Methylphenols
Concen: 35.870 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		372438		
108	90.1	68.2	108.2		
77	99.0	26.7	66.7#		
79	29.1	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

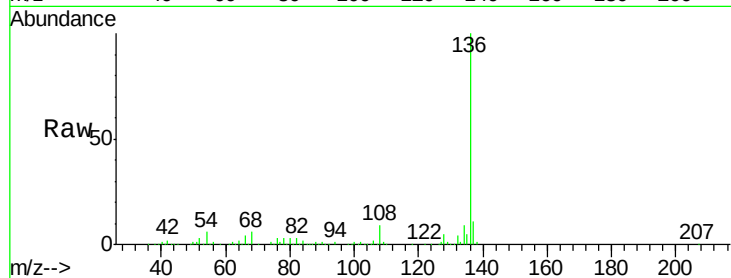
ClientSampled :

PB108328BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.6	5.0	7.4

Manual Integrations
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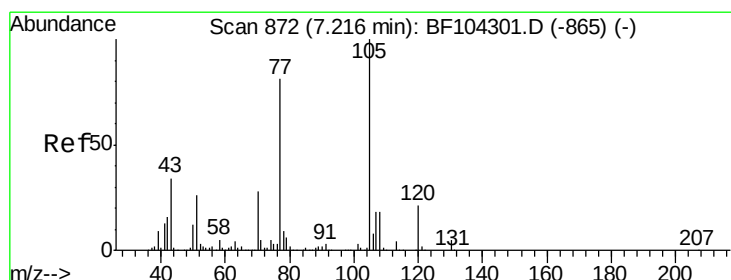
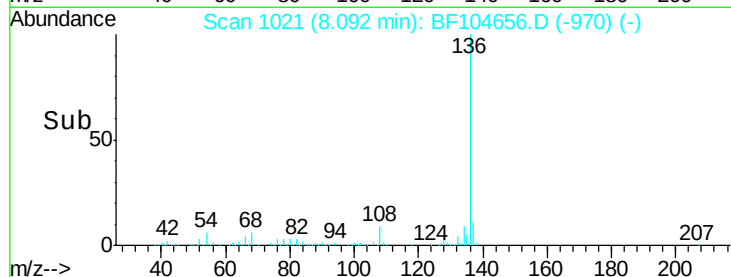
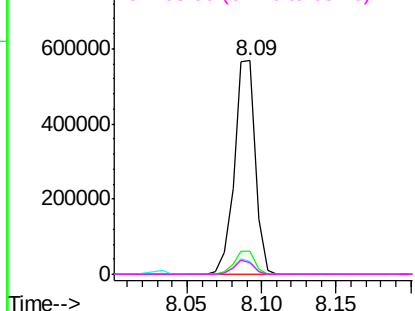


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.514 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

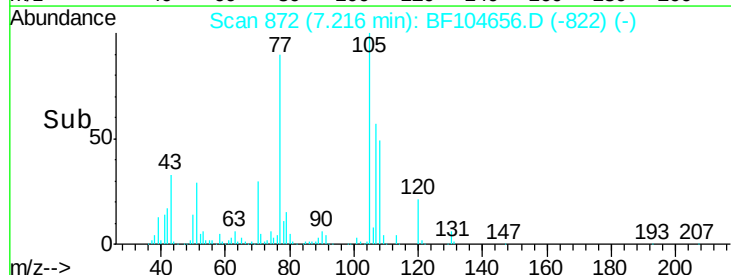
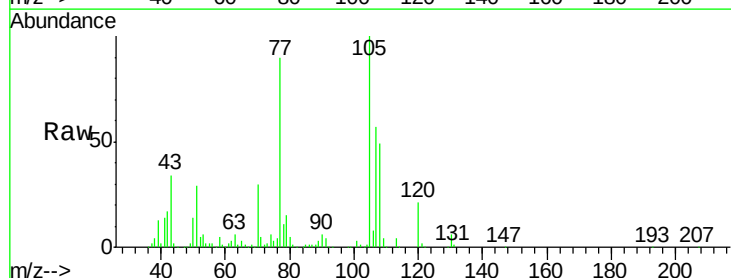
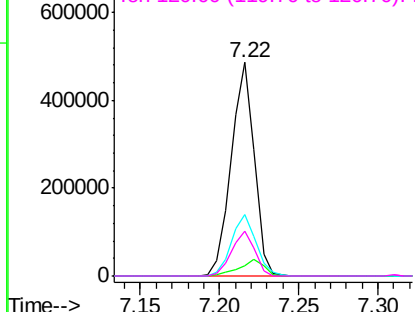
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	4.4	6.6
51	28.7	22.3	33.5
120	20.9	16.9	25.3

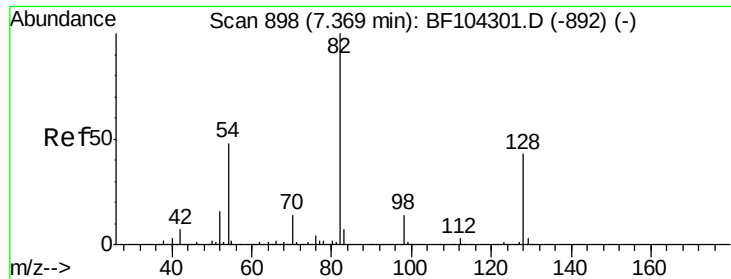
Abundance Ion 105.00 (104.70 to 105.70): E

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





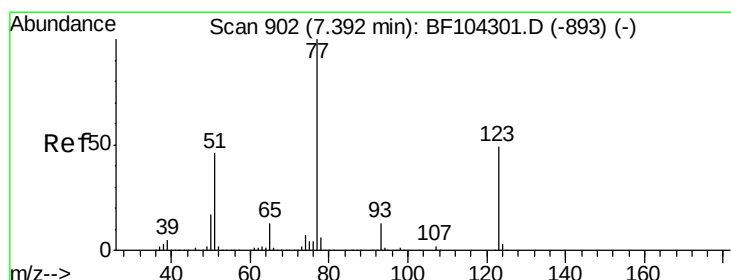
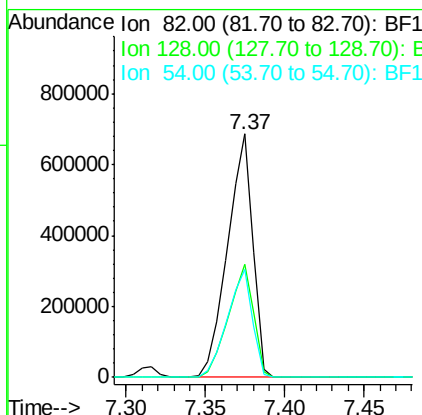
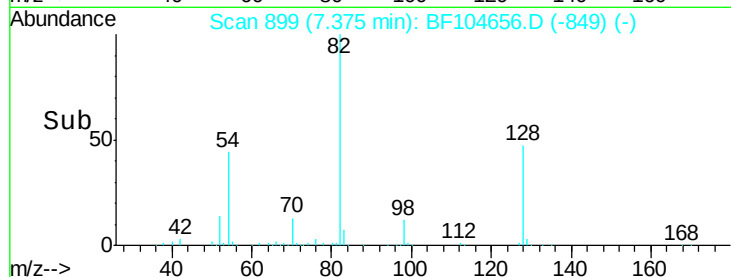
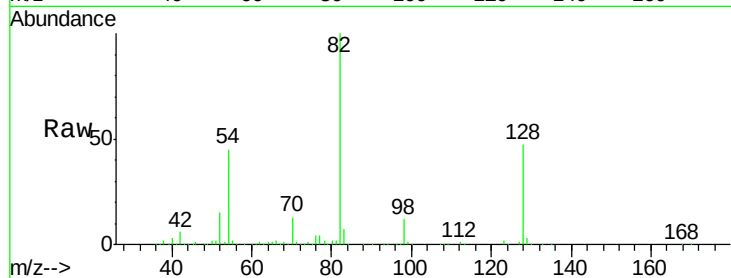
#23
 Nitrobenzene-d5
 Concen: 88.228 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	758133		
128	46.6	36.1	54.1	
54	44.6	41.4	62.2	

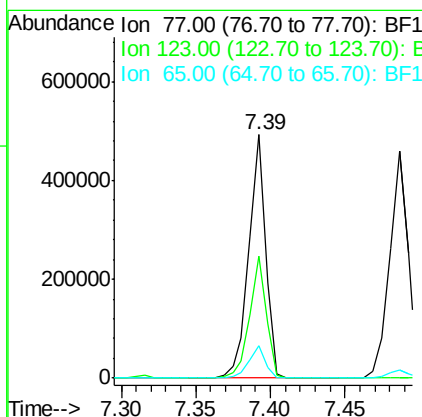
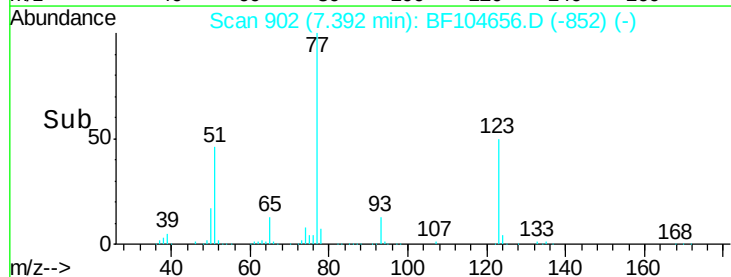
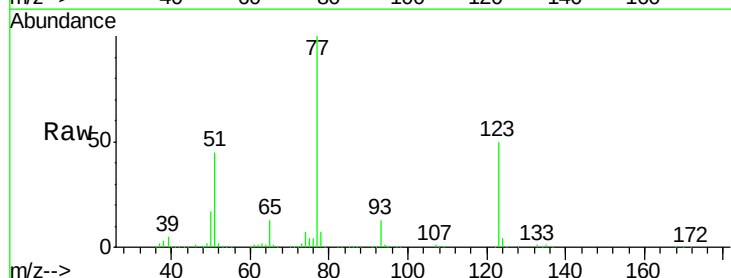
Manual Integrations
 APPROVED

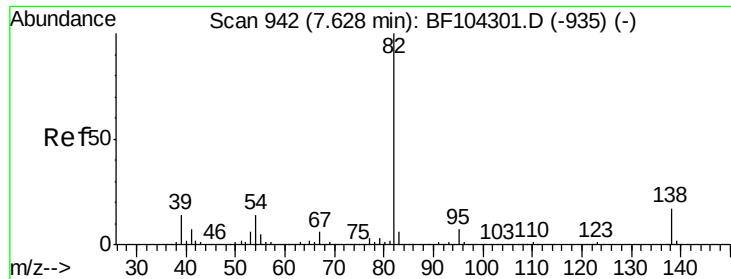
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#24
 Nitrobenzene
 Concen: 40.625 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	385412		
123	49.9	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 38.524 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

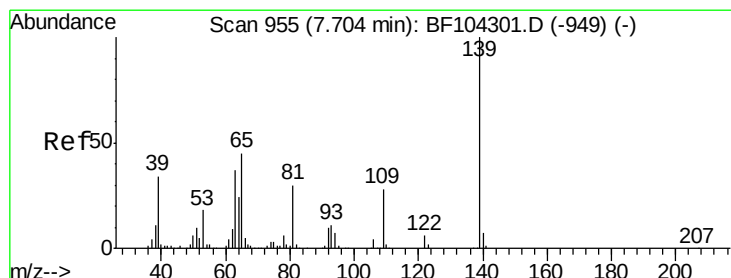
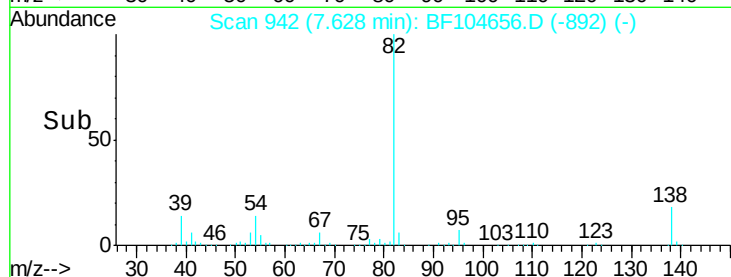
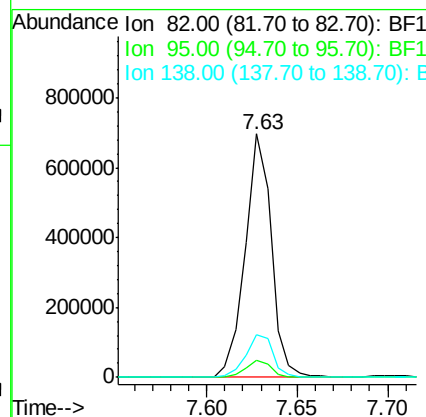
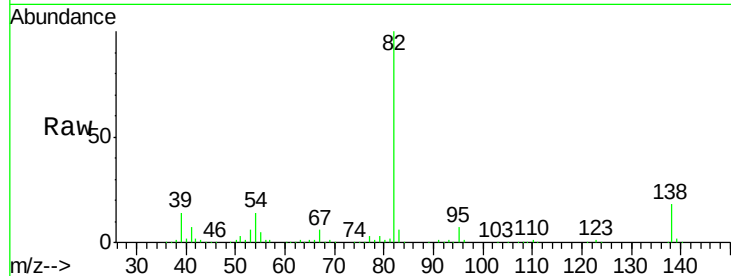
ClientSampleId :

PB108328BS

Tot Ion:	82	Resp:	700013
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.785 ng

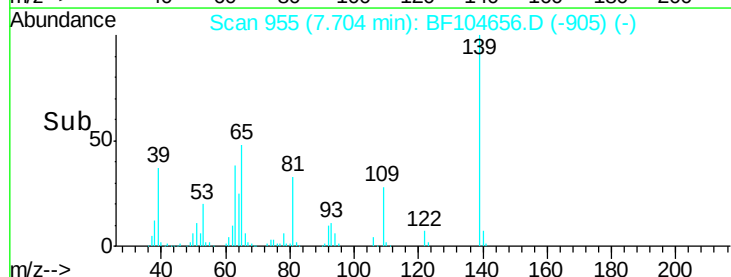
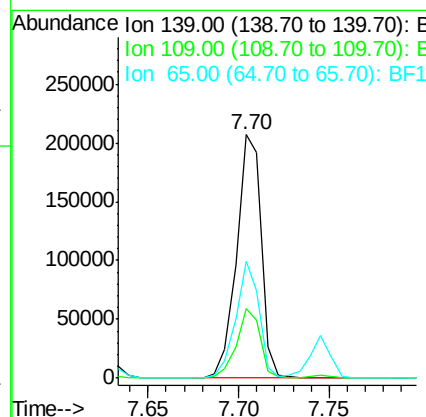
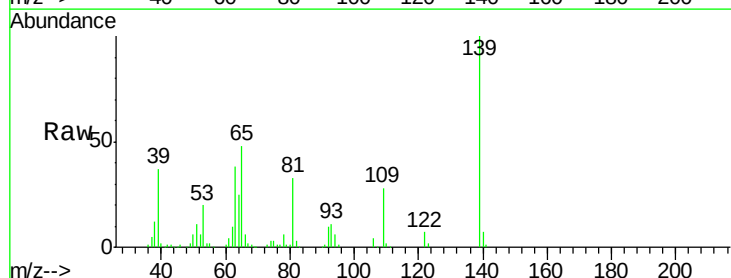
RT: 7.70 min Scan# 955

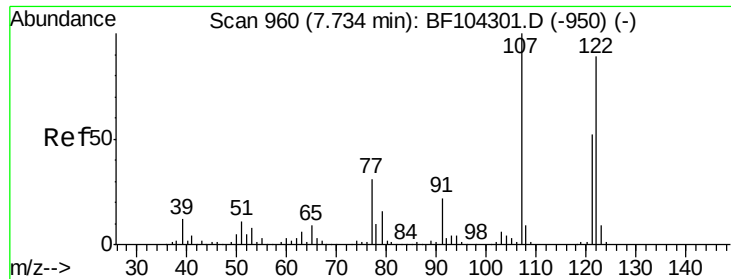
Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:	139	Resp:	196143
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.7	34.1
65	48.2	40.5	60.7





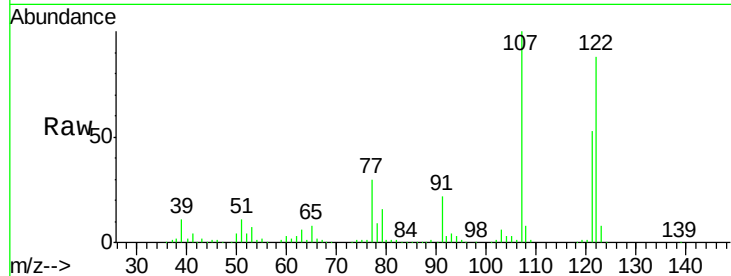
#27
2,4-Dimethylphenol
Concen: 41.463 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	332508		
107	113.1	91.2	136.8	
121	59.6	47.2	70.8	

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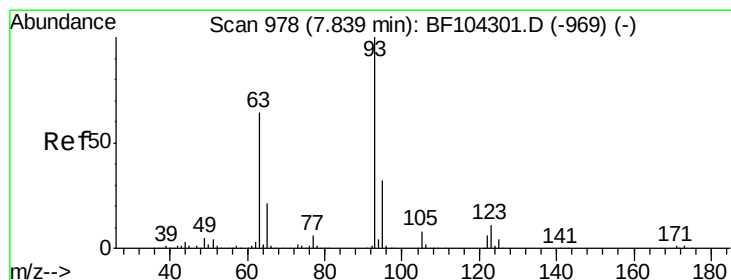
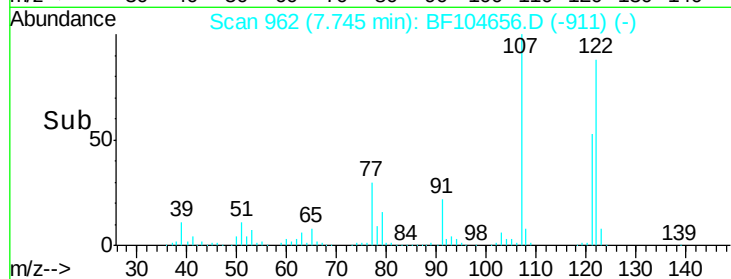
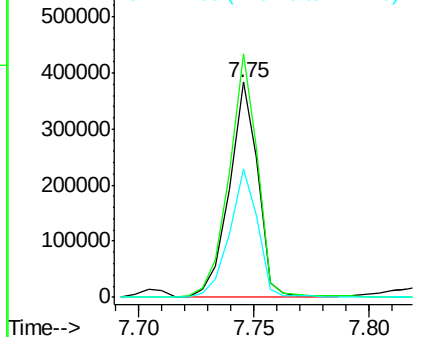


Abundance

Ion 122.00 (121.70 to 122.70): E

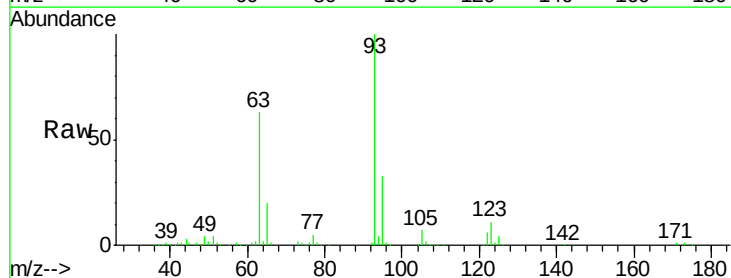
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.887 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454247		
95	32.6	26.3	39.5	
123	11.3	9.8	14.6	

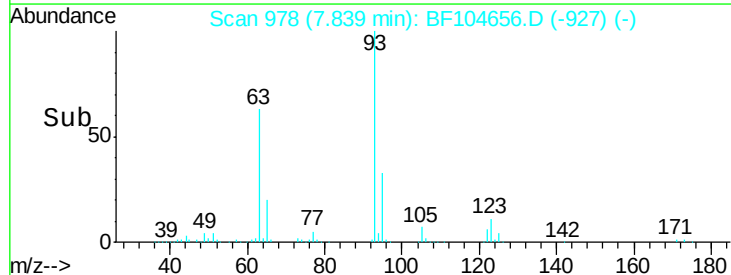
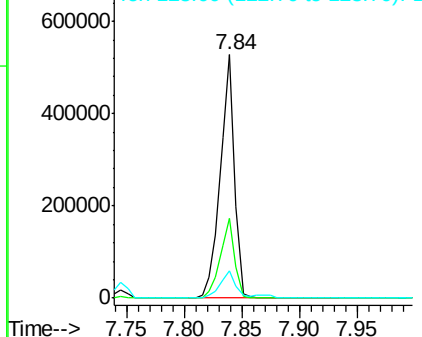


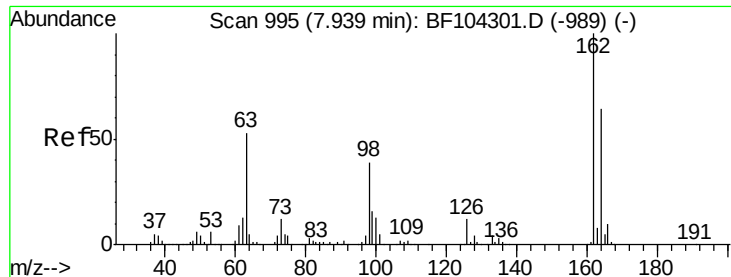
Abundance

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: 40.119 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

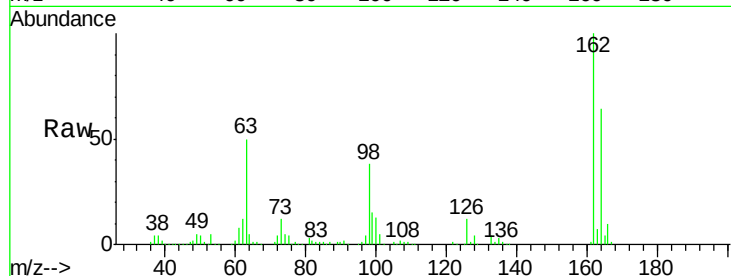
ClientSampled :

PB108328BS

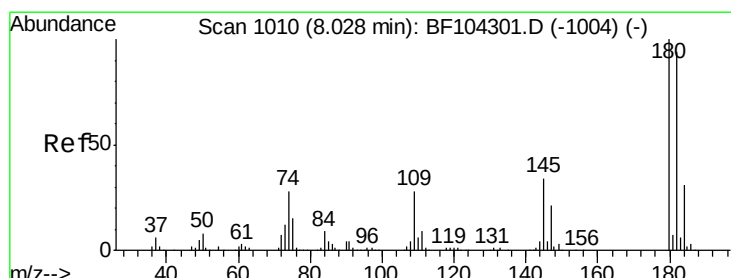
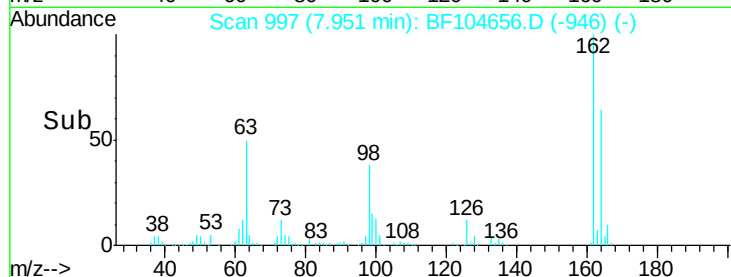
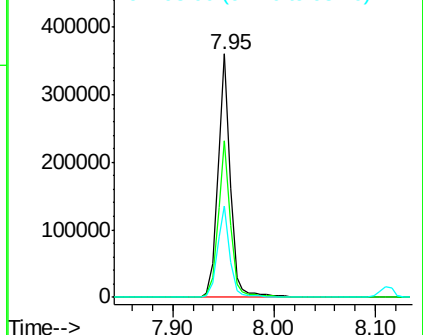
Tot Ion:	162	Resp:	306981
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	37.7	18.1	58.1

Manual Integrations
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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: 37.312 ng

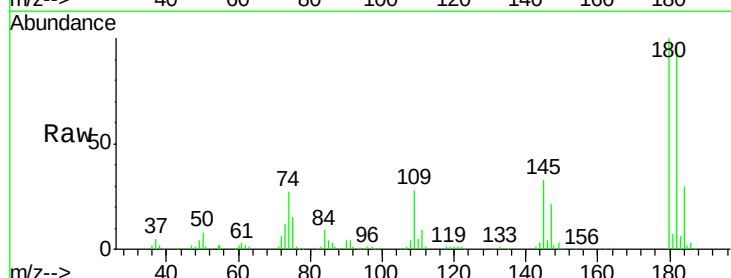
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

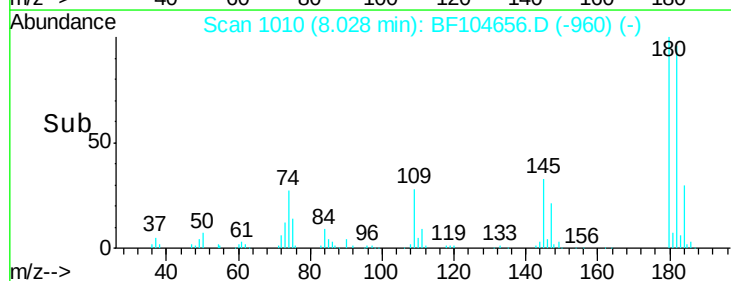
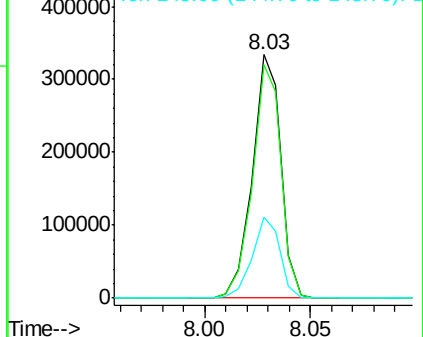
Lab File: BF104656.D

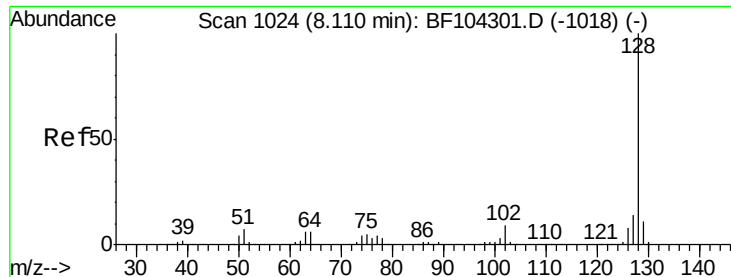
Acq: 20 Apr 2018 3:47

Tgt Ion:	180	Resp:	313324
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.8	115.2
145	33.1	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: 37.587 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

PB108328BS

Tot Ion:128 Resp: 1050173

Ion Ratio Lower Upper

128 100

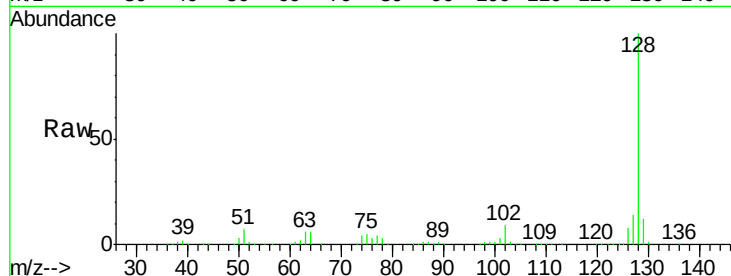
129 11.5 8.8 13.2

127 13.8 10.9 16.3

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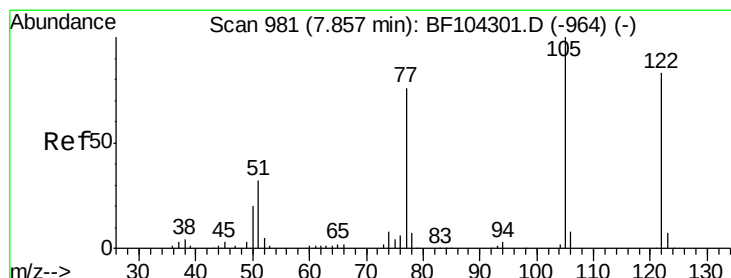
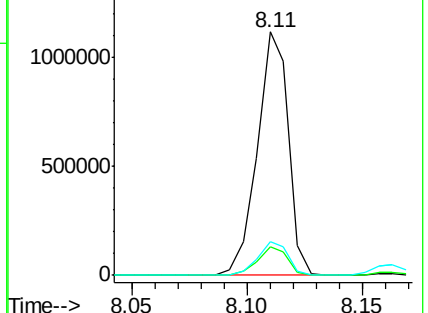
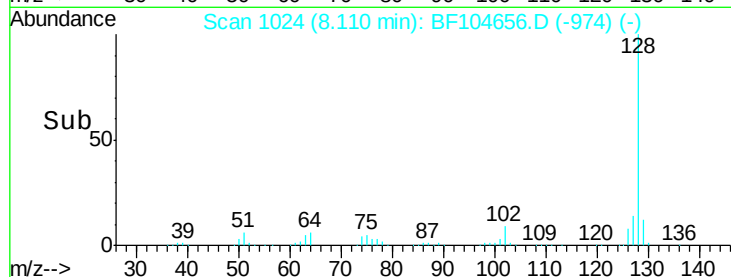
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.525 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

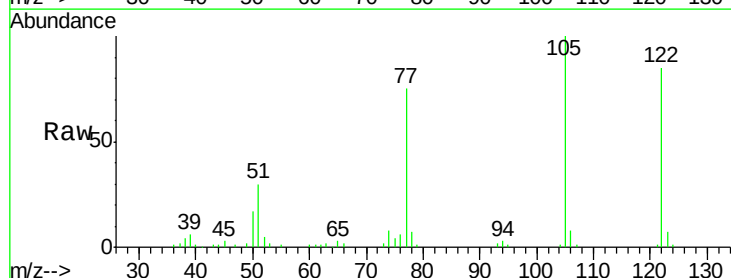
Tgt Ion:122 Resp: 220911

Ion Ratio Lower Upper

122 100

105 117.3 101.1 141.1

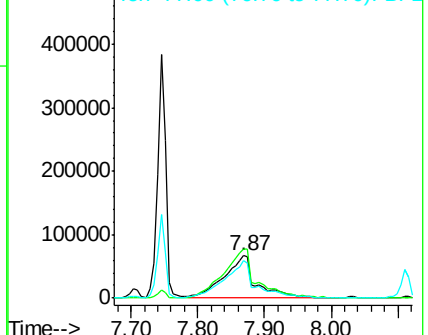
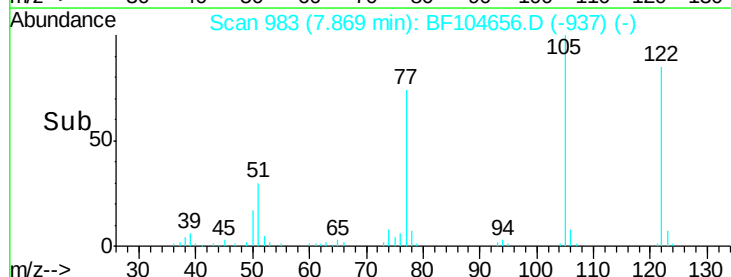
77 87.9 70.7 110.7

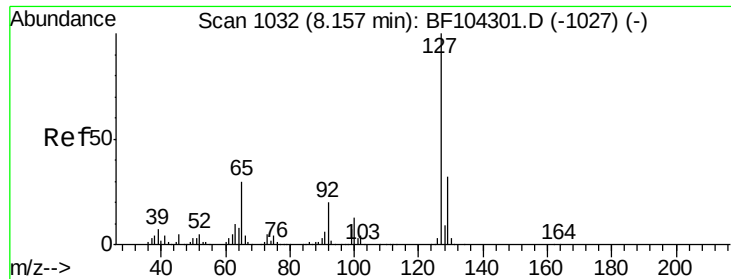


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





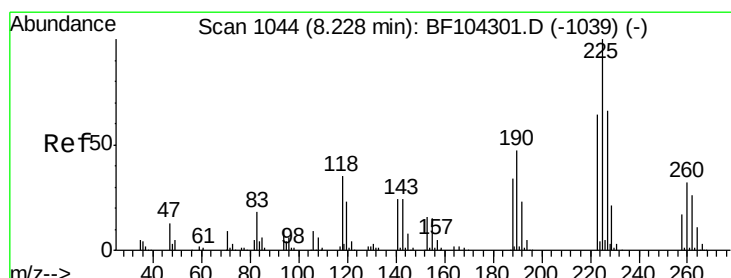
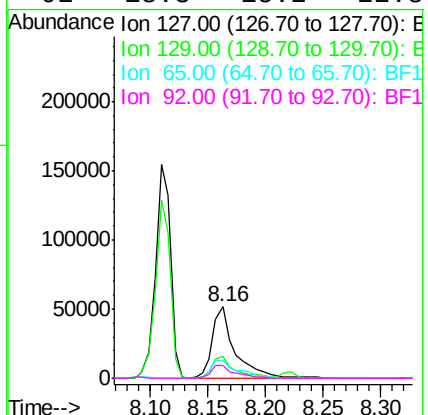
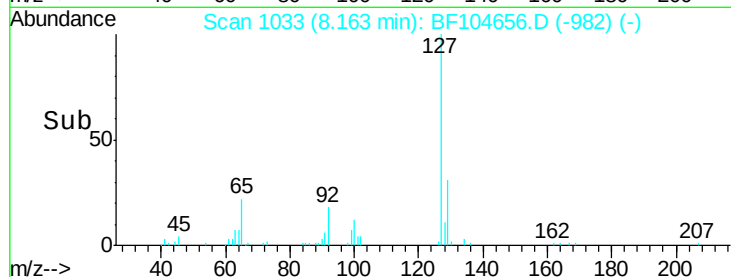
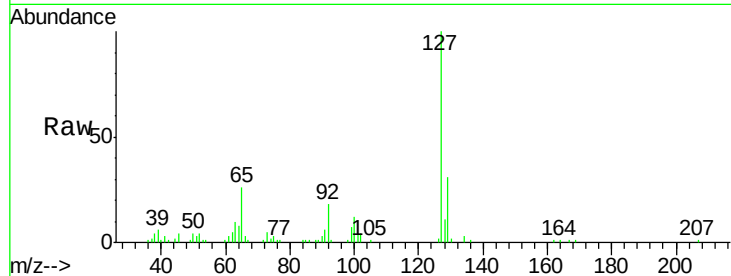
#33
4-Chloroaniline
Concen: 5.906 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	25.8	25.0	37.4
92	18.3	15.2	22.8

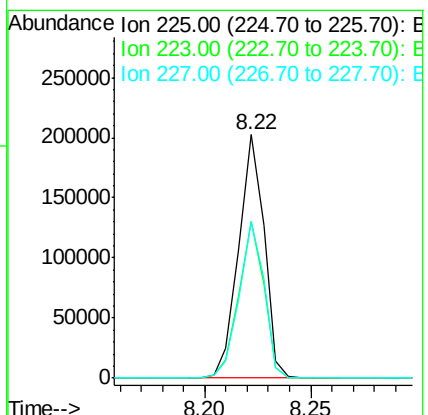
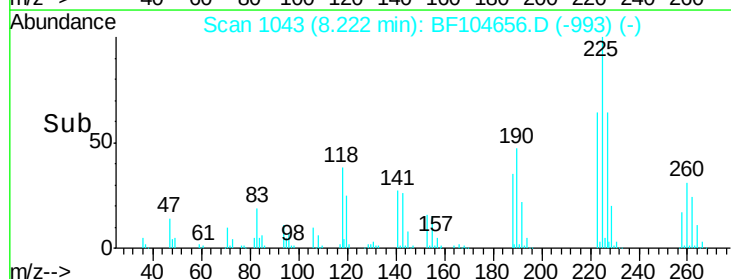
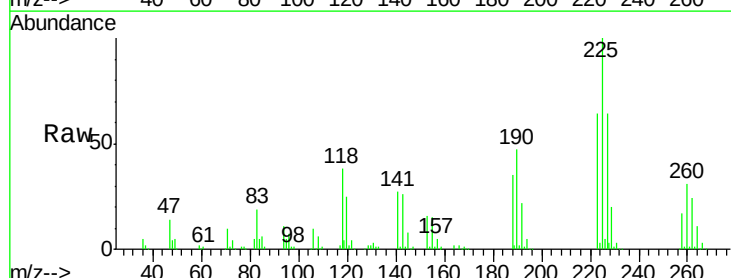
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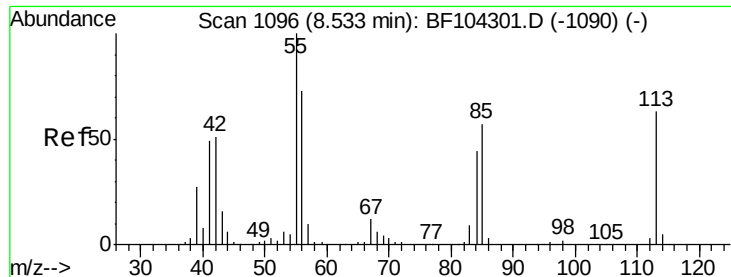
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#34
Hexachlorobutadiene
Concen: 36.714 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.4	51.9	77.9





#35

Caprolactam

Concen: 38.610 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampled :

PB108328BS

Tot Ion:113 Resp: 103062

Ion Ratio Lower Upper

113 100

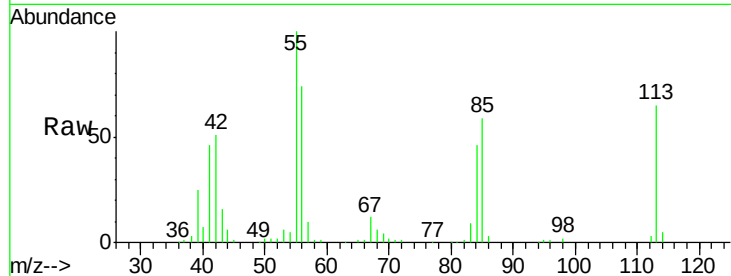
55 153.0 163.3 203.3#

56 113.2 115.7 155.7#

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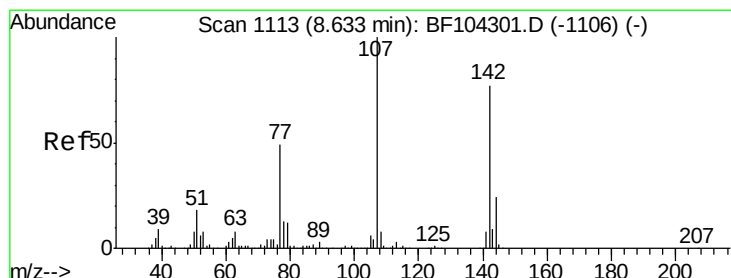
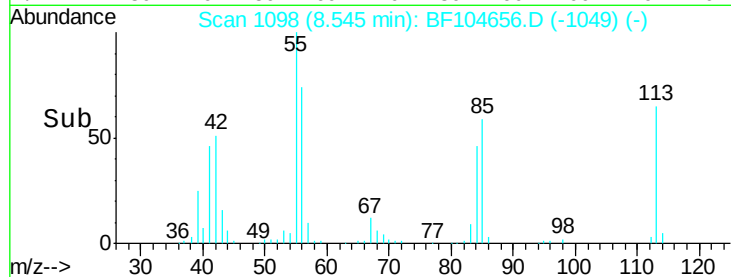
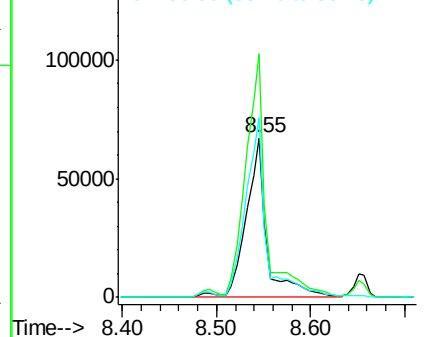
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.908 ng/ml

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

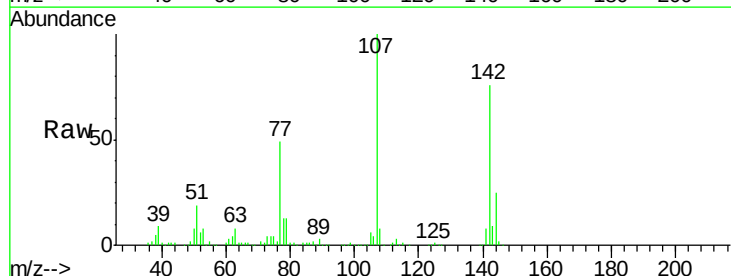
Tgt Ion:107 Resp: 327435

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

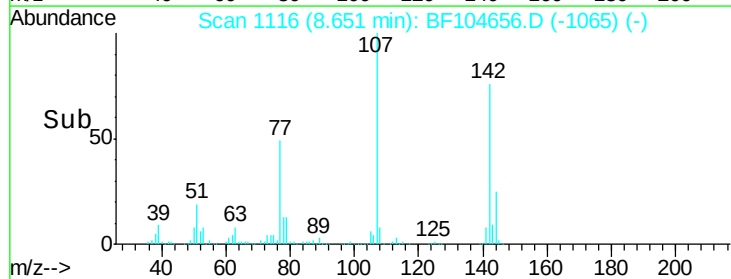
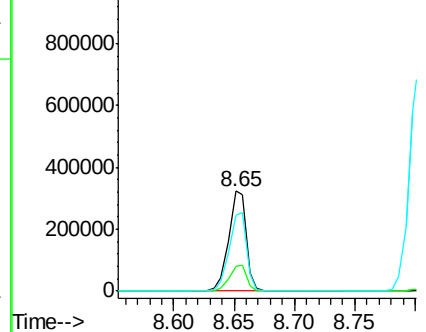
142 76.3 62.0 93.0

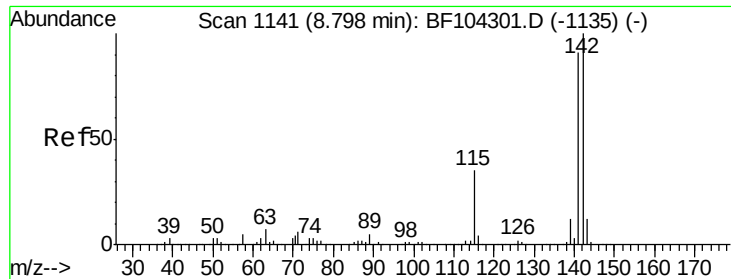


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





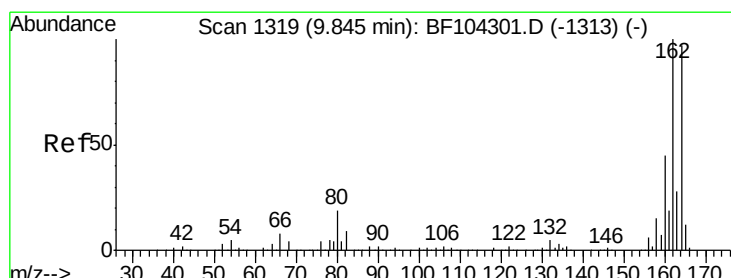
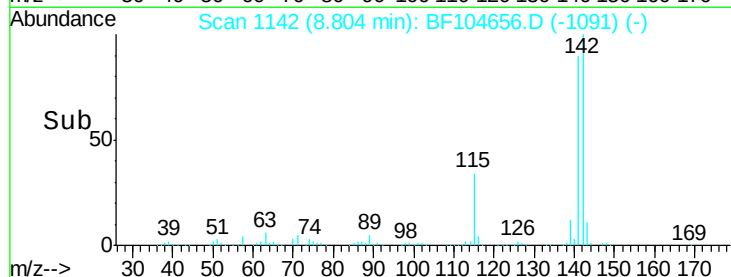
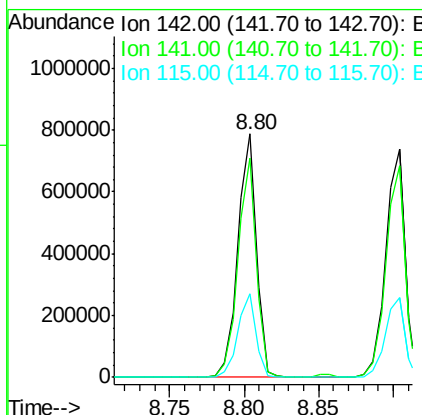
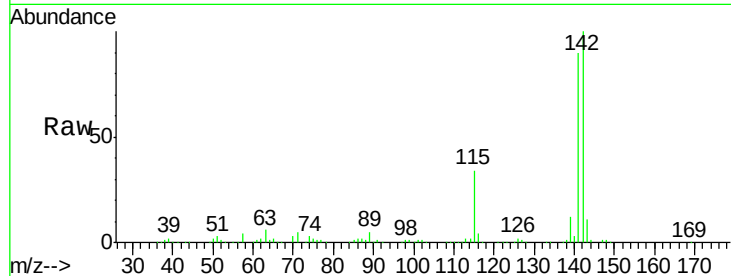
#37
2-Methylnaphthalene
Concen: 38.241 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :
PB108328BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.1	26.1	39.1

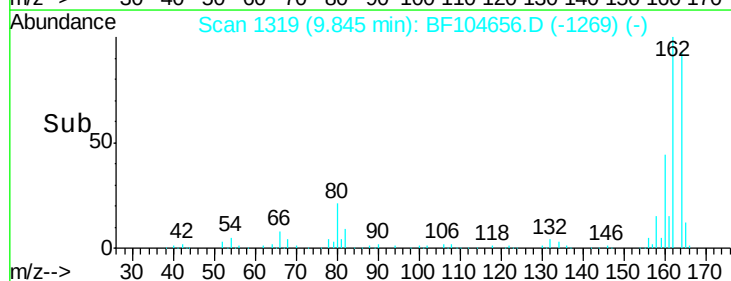
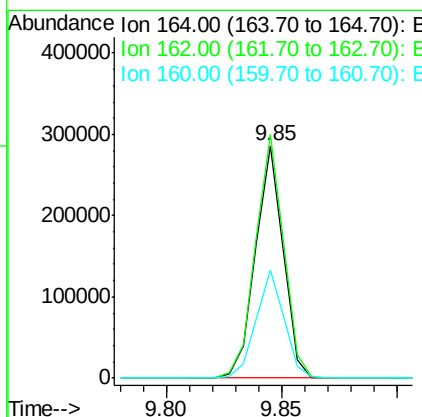
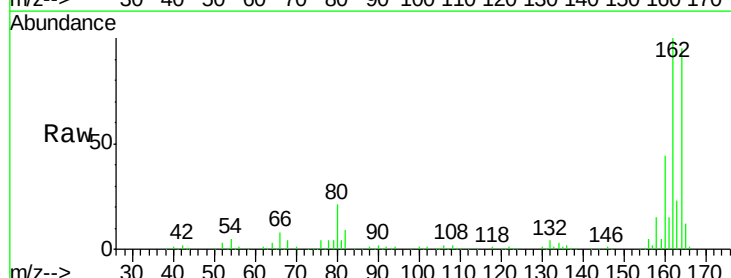
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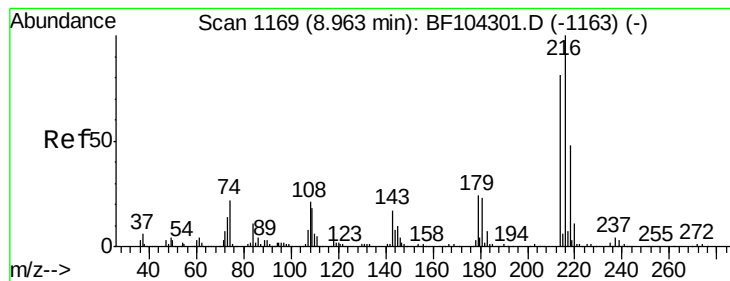
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.737 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

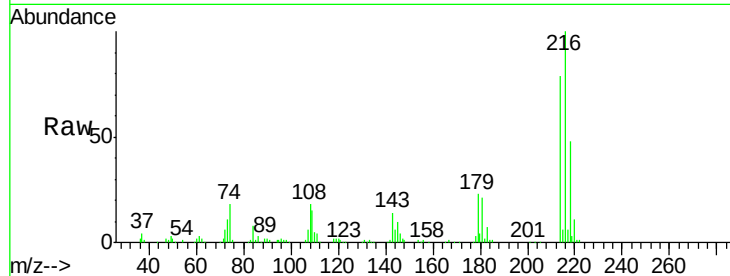
ClientSampled :

PB108328BS

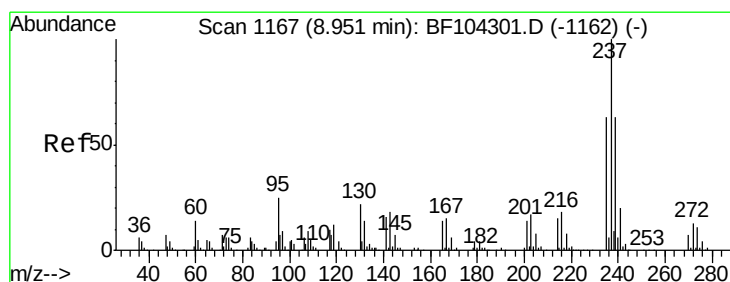
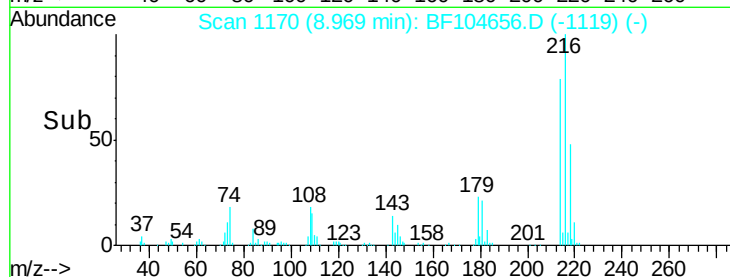
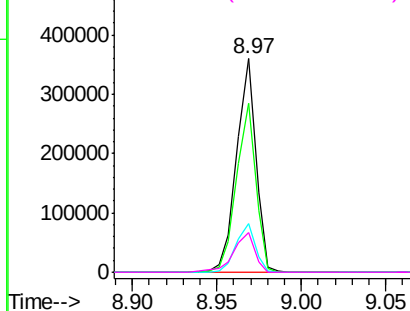
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		286854		
214	79.2		63.0	94.4	
179	22.8		18.1	27.1	
108	20.4		17.2	25.8	

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: 27.014 ng

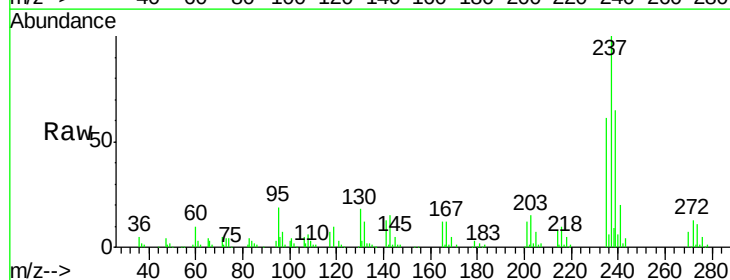
RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

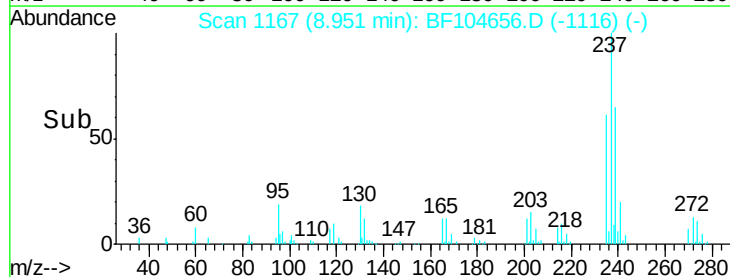
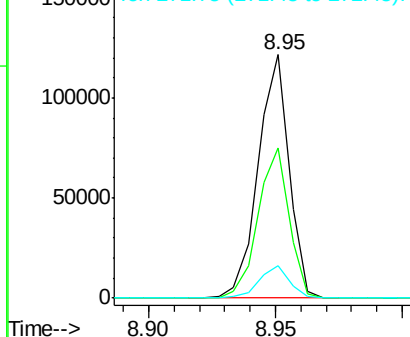
Lab File: BF104656.D

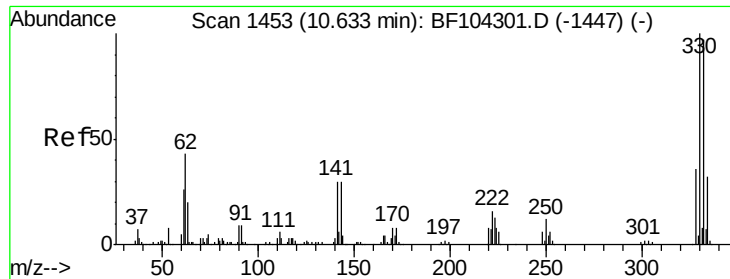
Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		103941		
235	61.5		44.8	84.8	
272	13.1		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





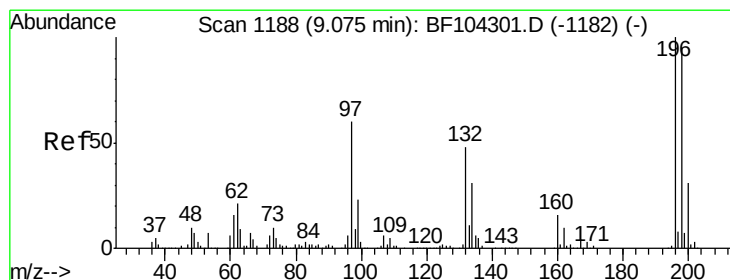
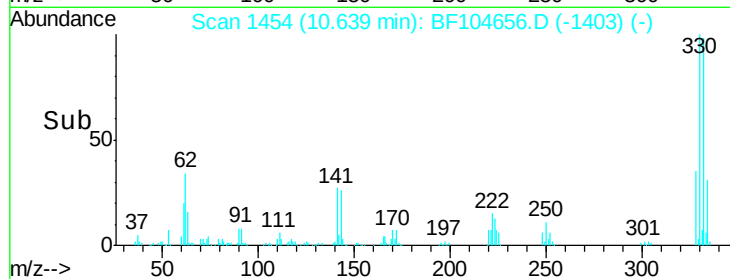
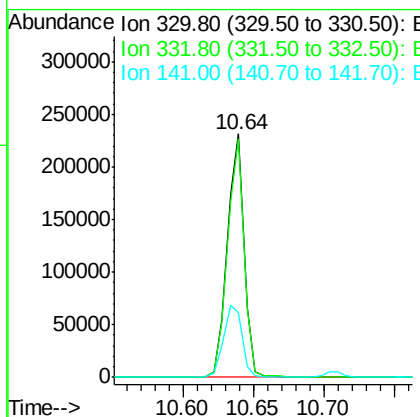
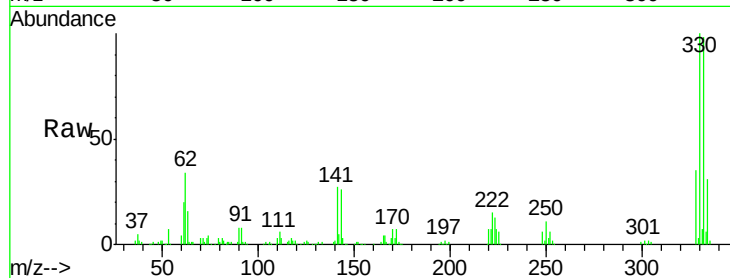
#41
 2,4,6-Tribromophenol
 Concen: 77.261 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	192426		
332	96.9	77.0	115.6	
141	32.7	29.9	44.9	

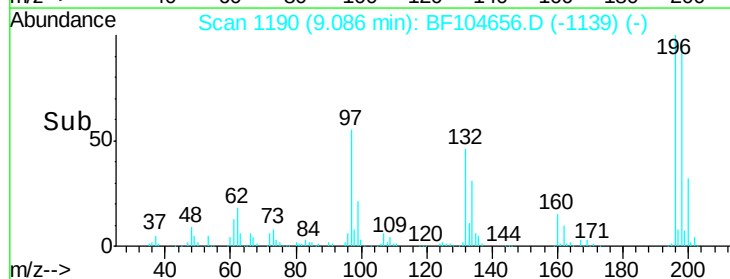
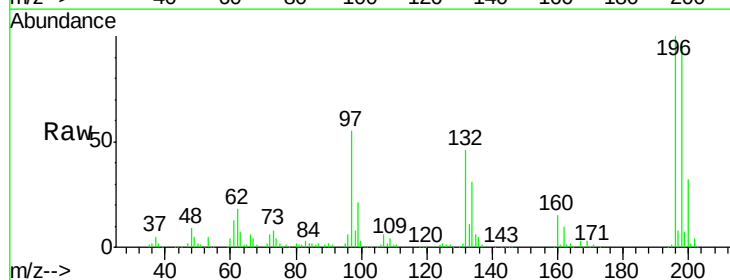
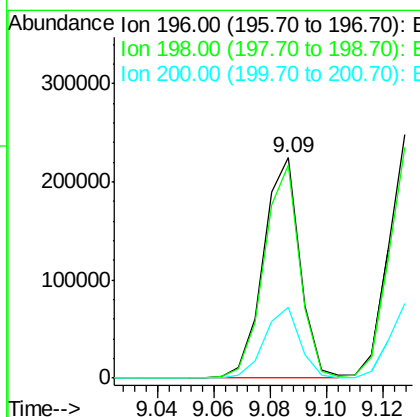
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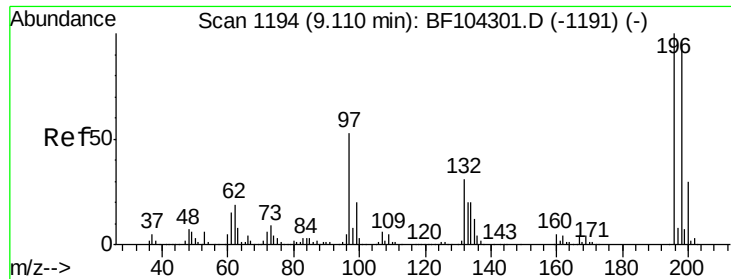
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#42
 2,4,6-Trichlorophenol
 Concen: 42.199 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201334		
198	96.8	75.7	113.5	
200	32.4	24.5	36.7	





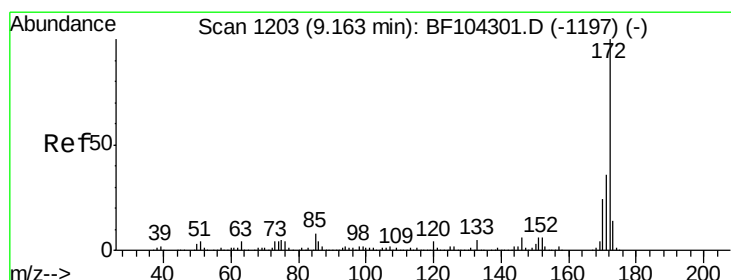
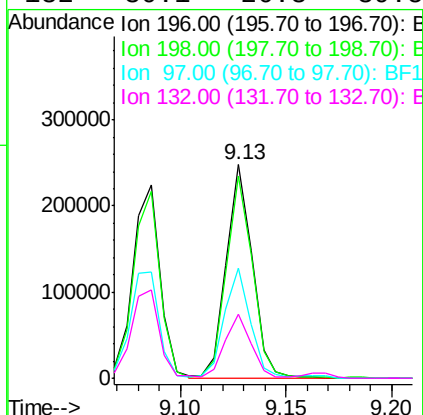
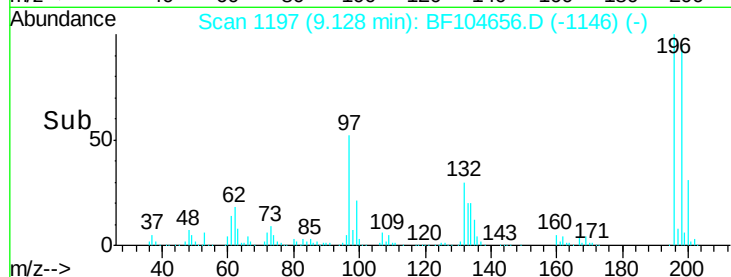
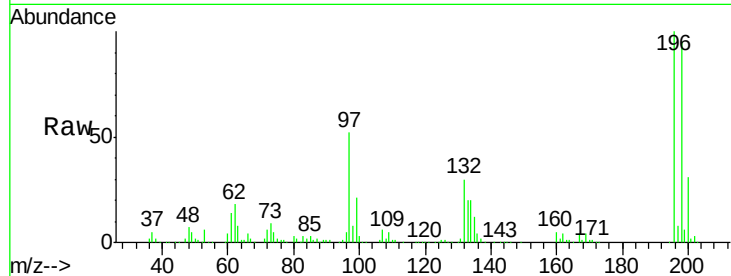
#43
 2,4,5-Trichlorophenol
 Concen: 39.376 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
210232	196	100			
	198	94.7	74.6	112.0	
	97	51.7	42.9	64.3	
	132	30.1	26.3	39.5	

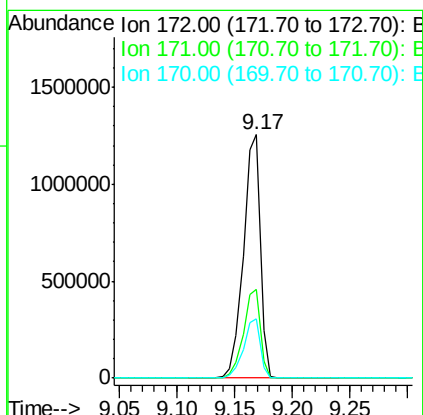
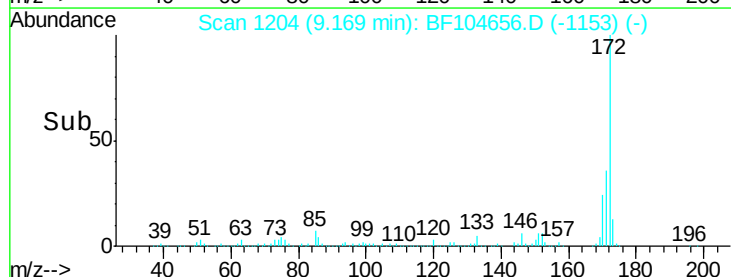
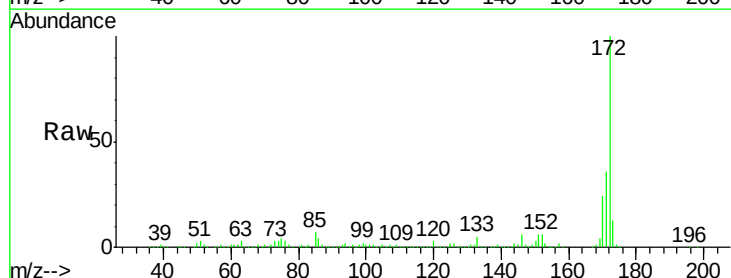
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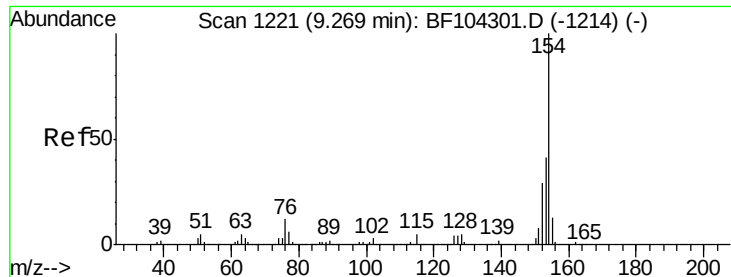
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#44
 2-Fluorobiphenyl
 Concen: 83.734 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
1272629	172	100			
	171	36.5	29.7	44.5	
	170	24.5	19.6	29.4	





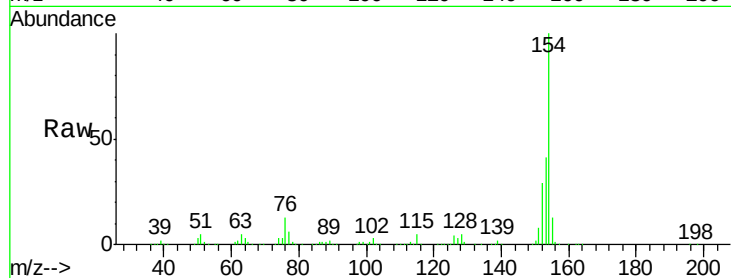
#45
1,1'-Biphenyl
Concen: 39.308 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

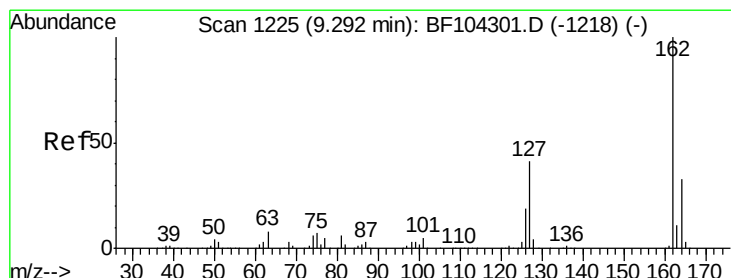
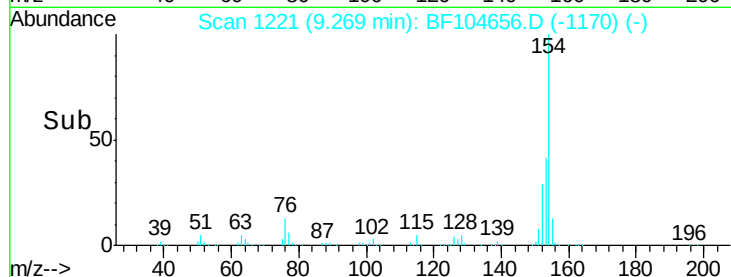
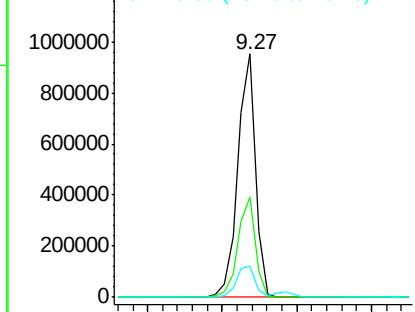
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.8	0.0	34.0

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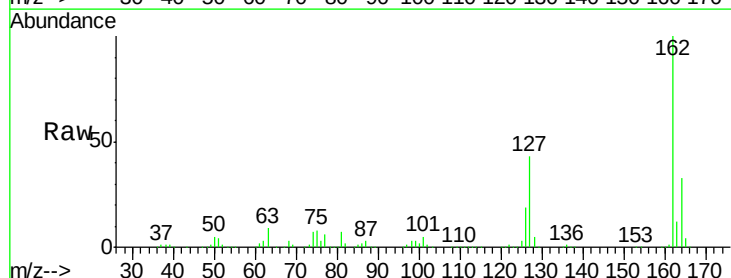


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

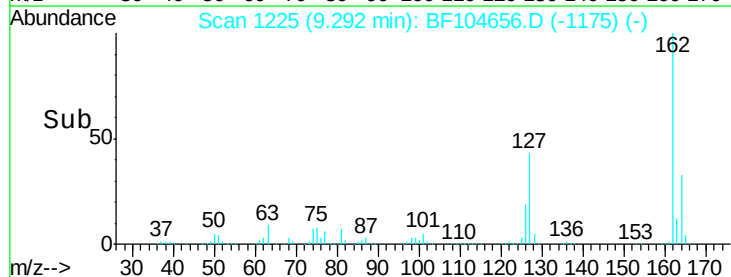
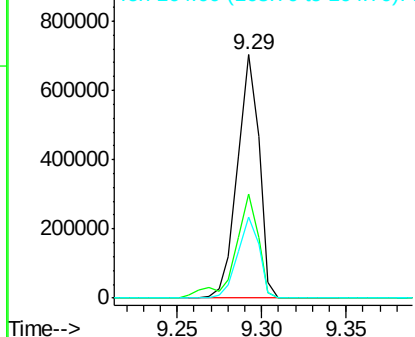


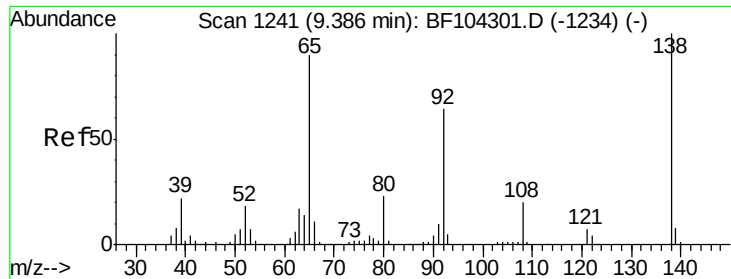
#46
2-Chloronaphthalene
Concen: 39.425 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.7	33.9	50.9
164	33.2	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





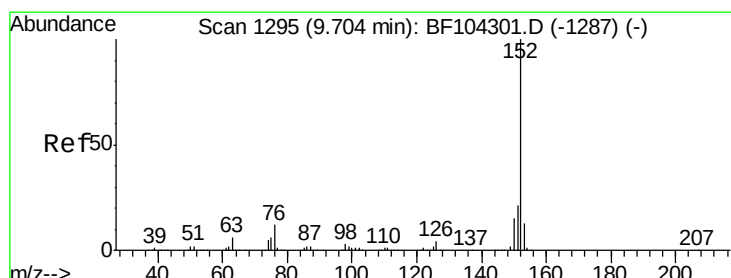
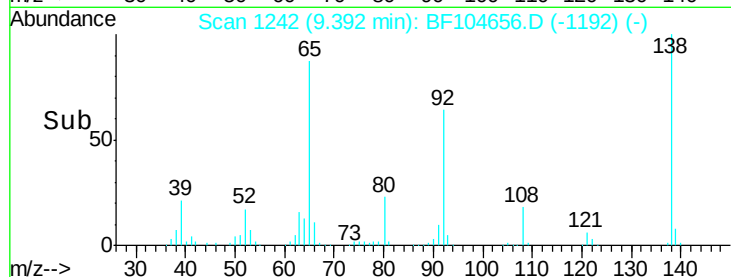
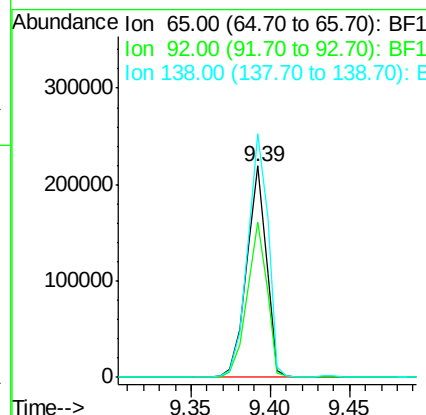
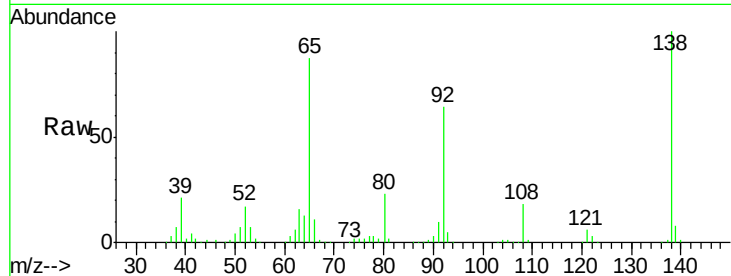
#47
 2-Nitroaniline
 Concen: 48.104 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion:	65	Resp:	189526
Ion Ratio	Lower	Upper	
65	100		
92	73.3	55.8	83.6
138	115.3	91.2	136.8

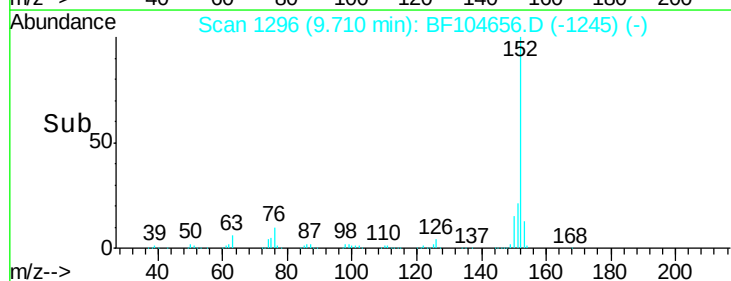
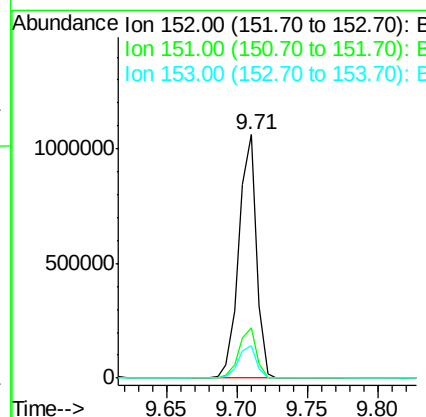
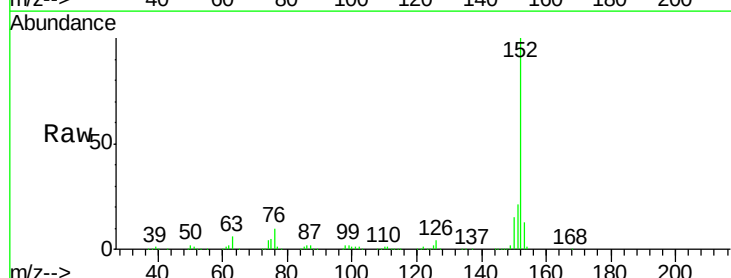
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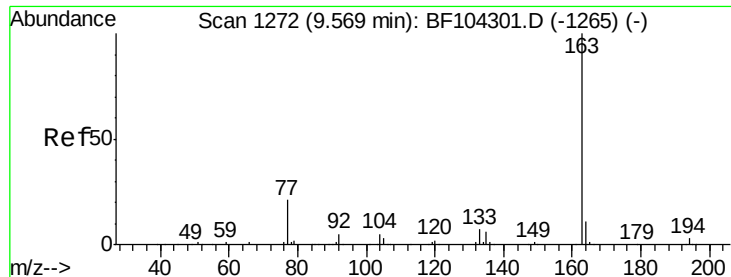
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#48
 Acenaphthylene
 Concen: 36.784 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:	152	Resp:	919457
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





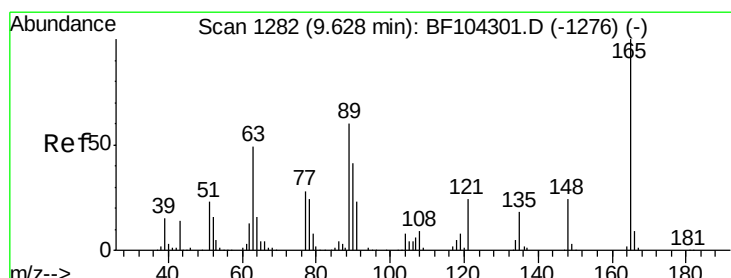
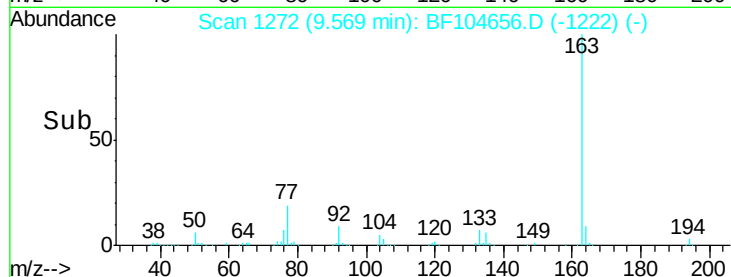
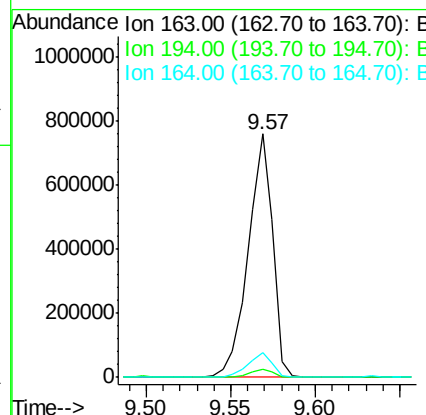
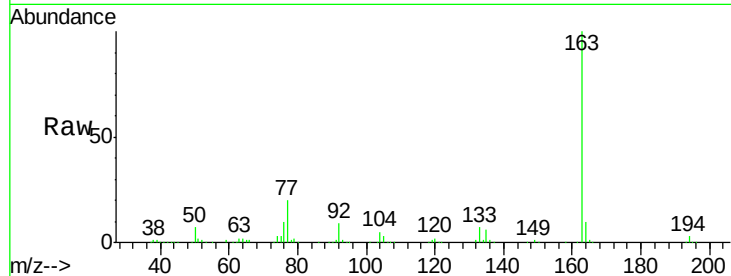
#49
Dimethylphthalate
Concen: 40.501 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.3	8.2	12.2	

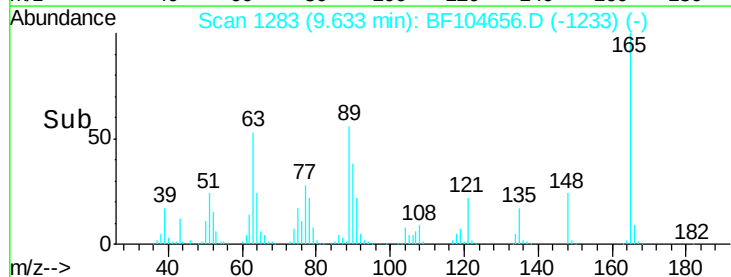
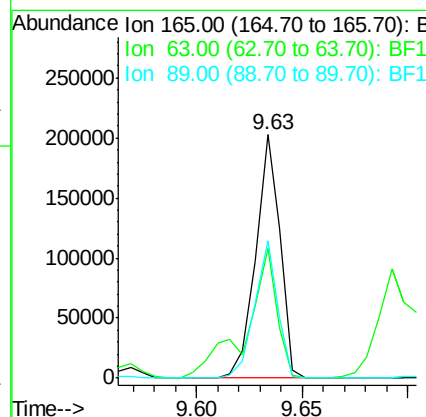
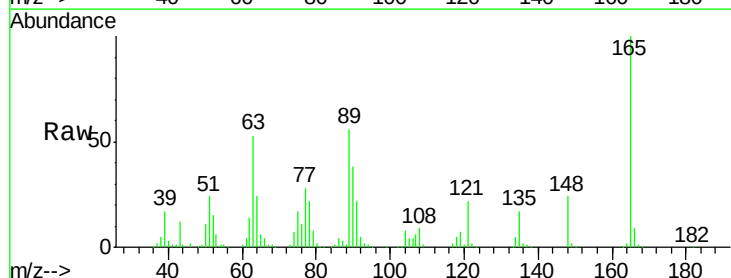
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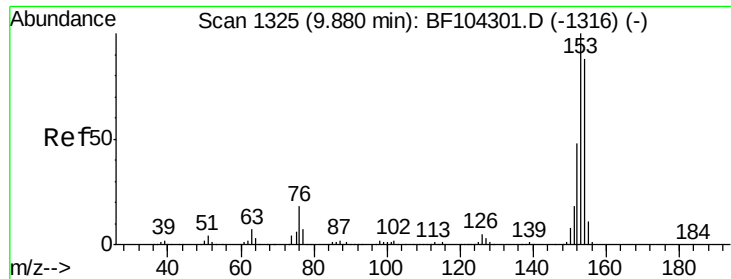
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#50
2,6-Dinitrotoluene
Concen: 46.355 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.5	44.7	67.1	
89	56.4	44.0	66.0	





#51

Acenaphthene

Concen: 35.101 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

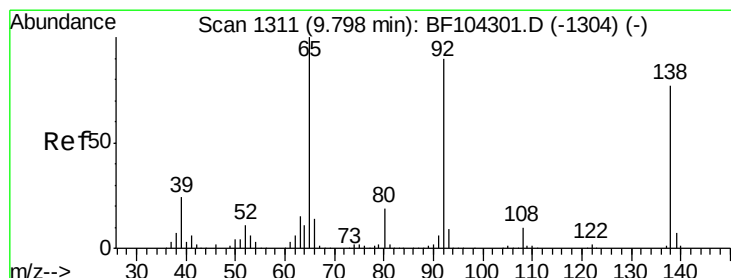
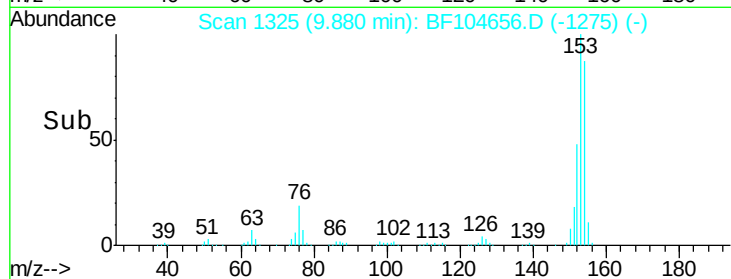
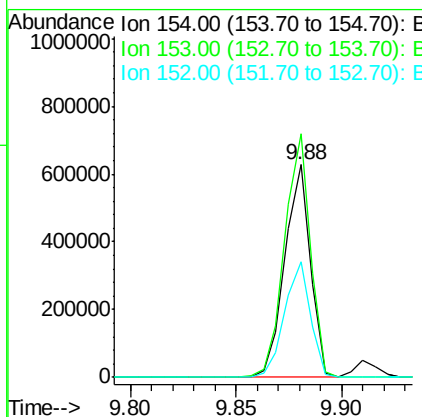
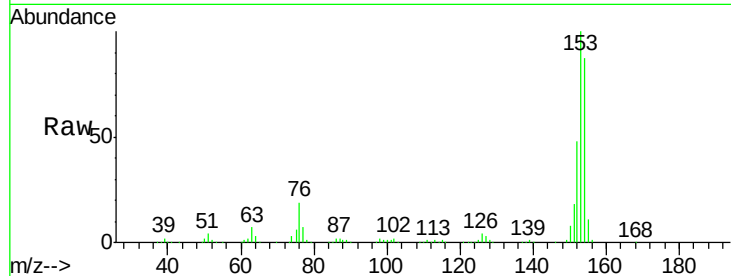
ClientSampleId :

PB108328BS

Tot Ion:	154	Resp:	535327
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.381 ng

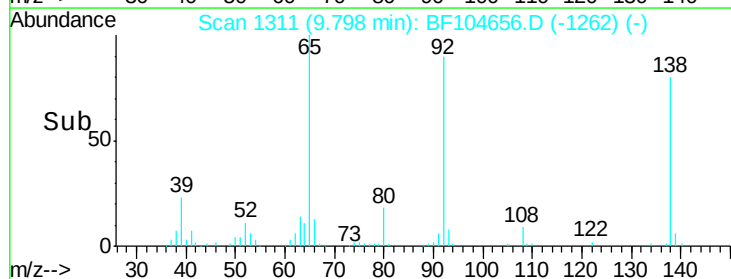
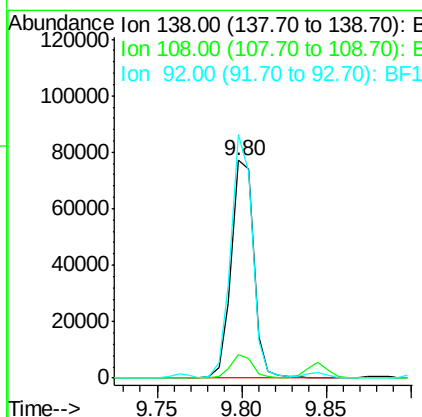
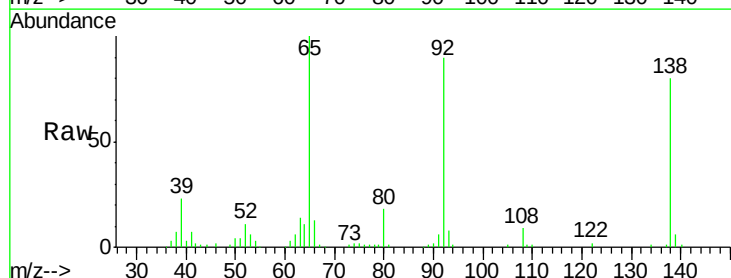
RT: 9.80 min Scan# 1311

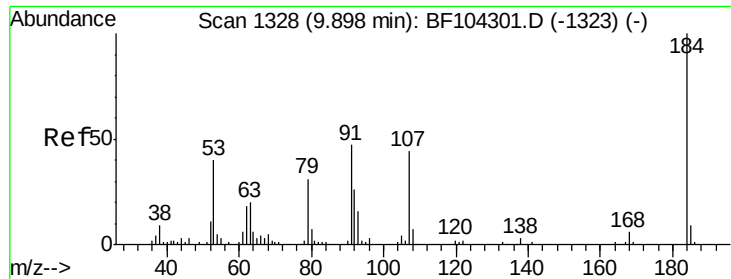
Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:	138	Resp:	71287
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	112.0	89.4	134.2





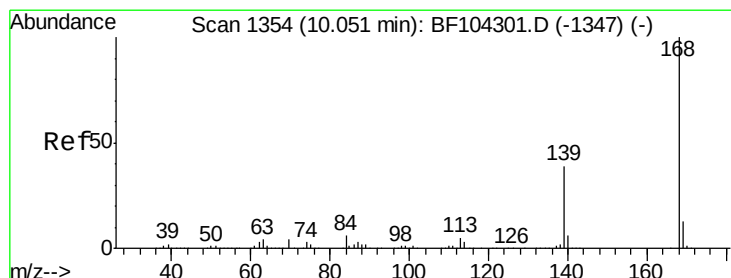
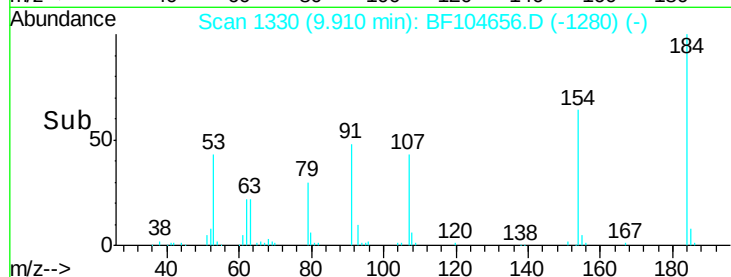
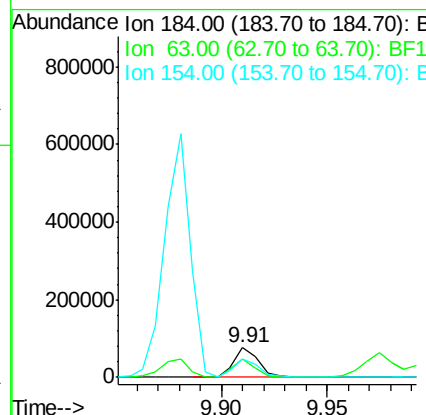
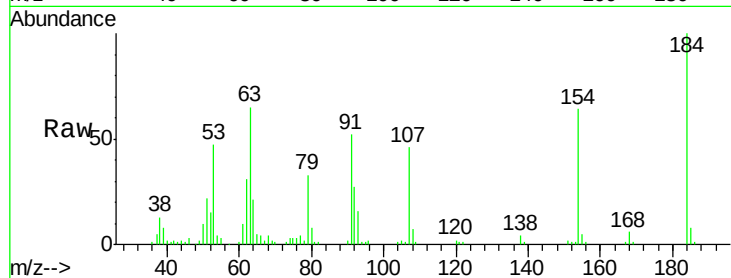
#53
 2,4-Dinitrophenol
 Concen: 52.129 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.5	54.2	81.2
154	64.4	184.0	276.0#

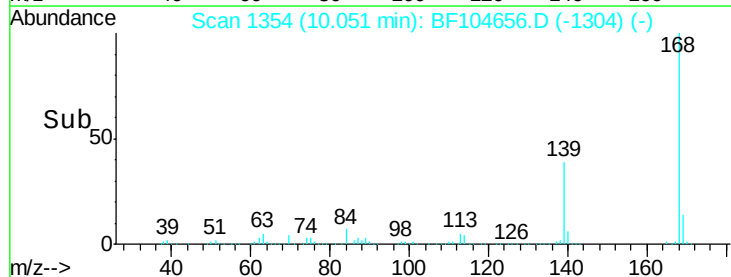
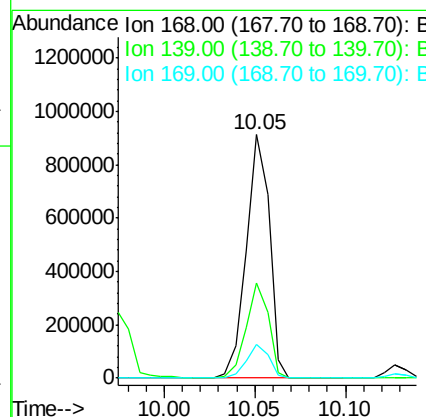
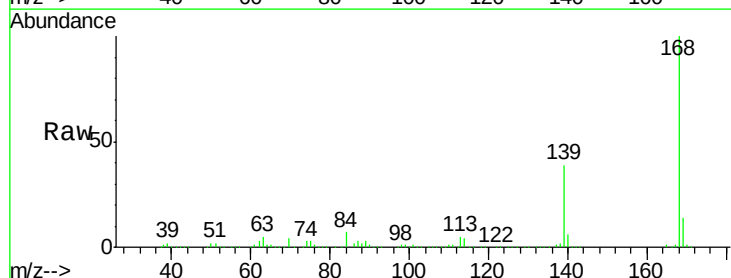
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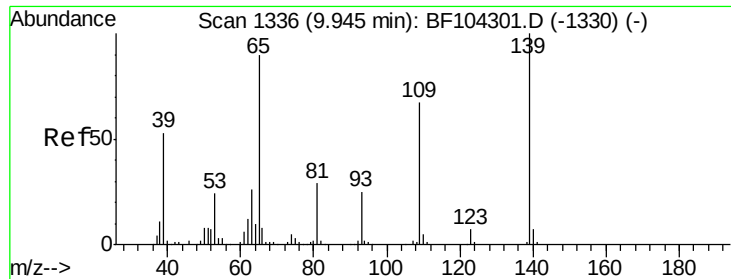
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#54
 Dibenzofuran
 Concen: 38.132 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.7	10.9	16.3





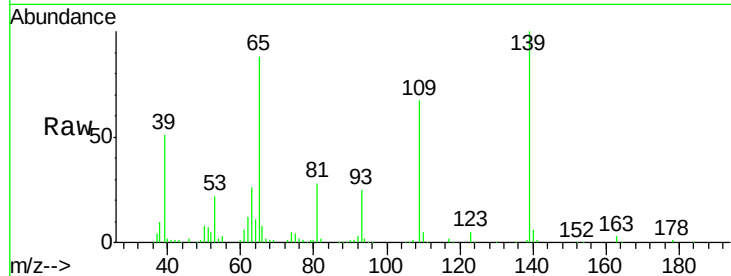
#55
4-Nitrophenol
Concen: 76.700 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	247116		
109	66.5	48.4	88.4	
65	87.8	72.6	112.6	

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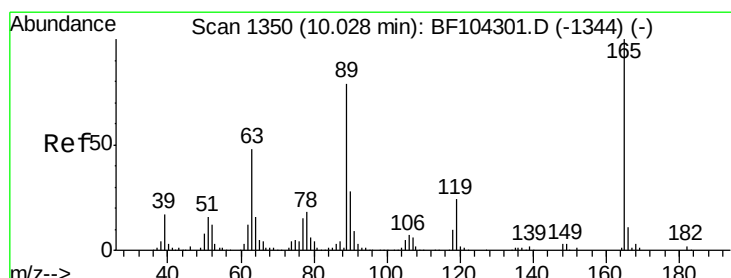
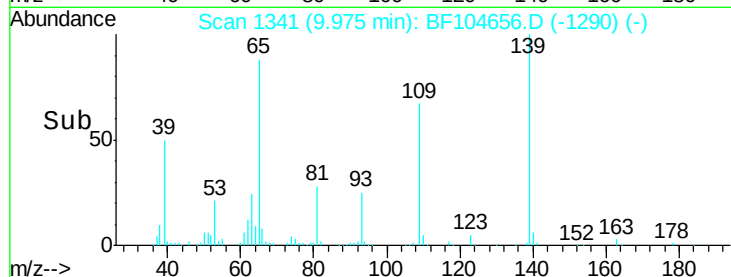
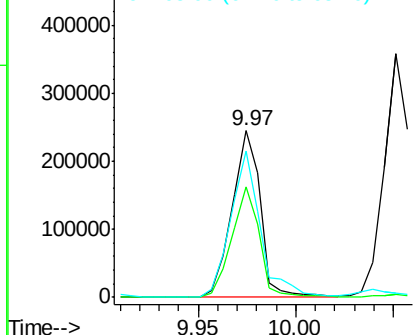


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 43.738 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200999		
63	41.5	36.4	54.6	
89	69.1	57.8	86.6	
182	2.3	1.6	2.4	

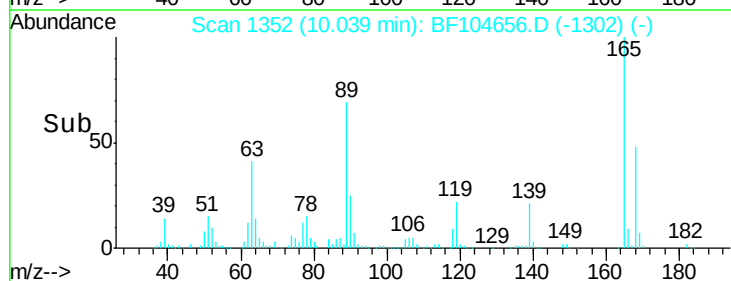
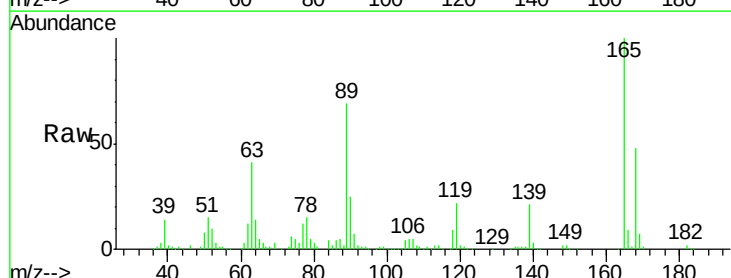
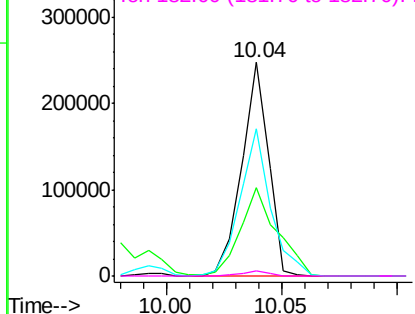
Abundance

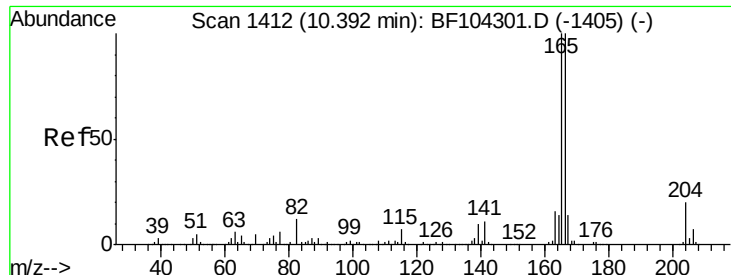
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





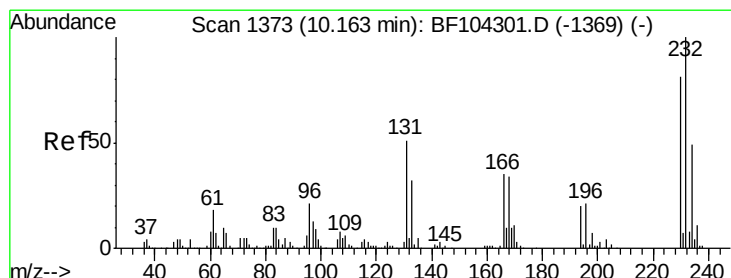
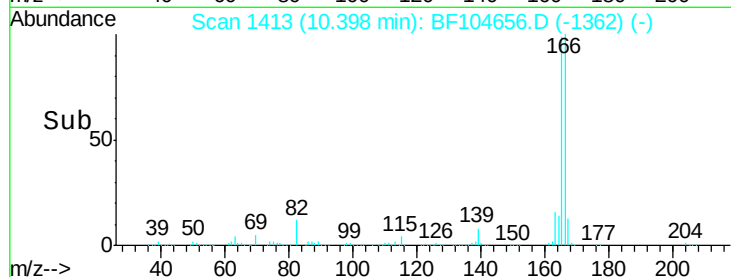
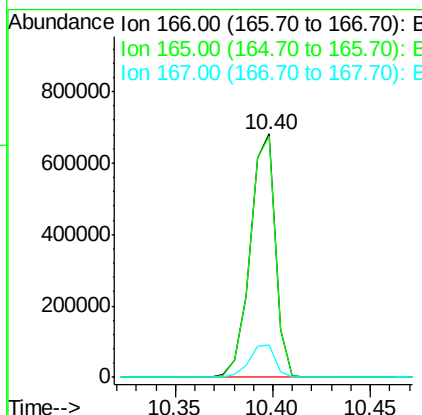
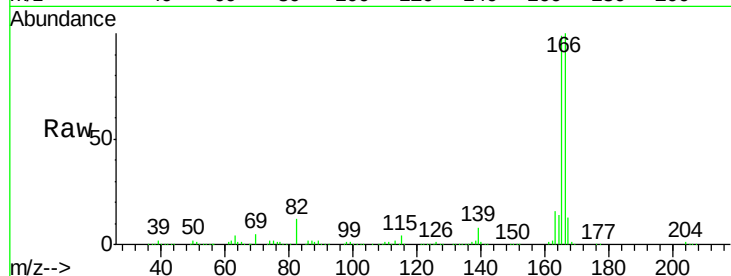
#57
 Fluorene
 Concen: 39.276 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	607611		
165	99.2	79.8	119.8	
167	13.4	10.6	16.0	

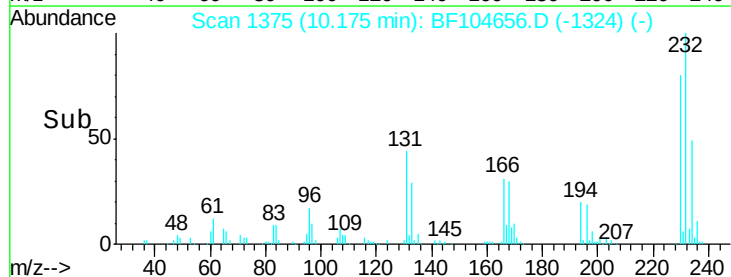
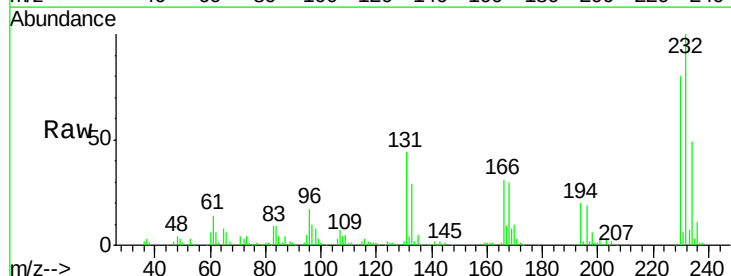
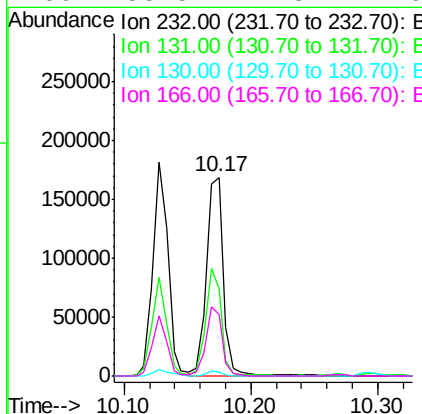
Manual Integrations
 APPROVED

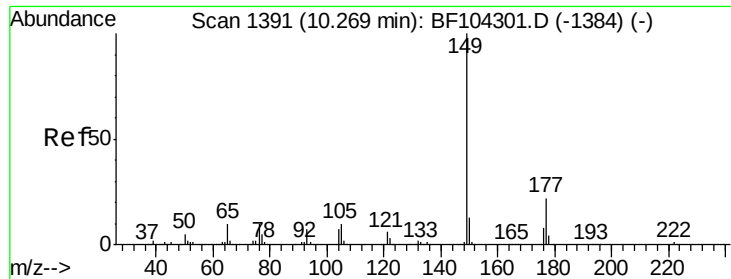
Sohil
 4/20/2018 3:05:46 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.622 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	157820		
131	49.5	43.8	65.8	
130	2.4	2.1	3.1	
166	33.5	27.8	41.6	





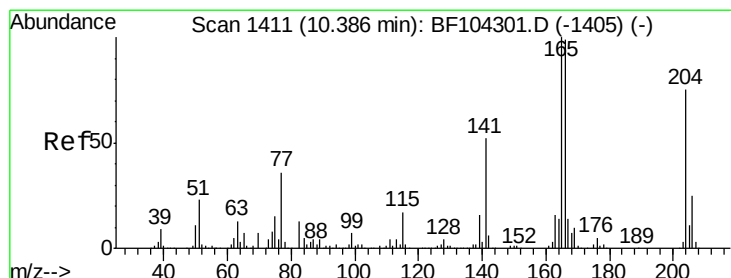
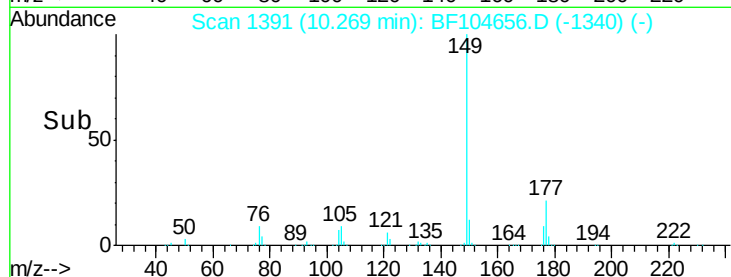
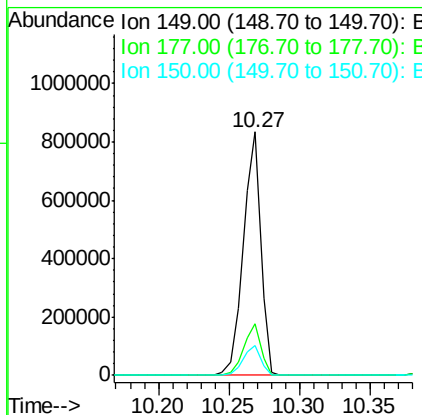
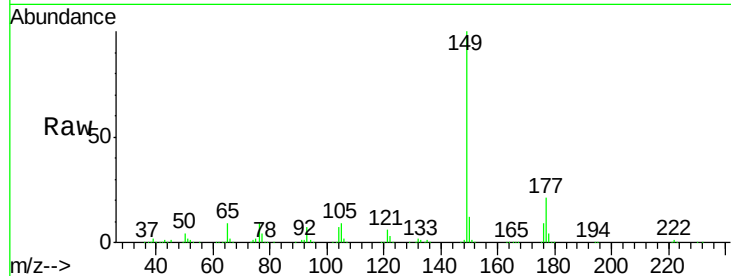
#59
Diethylphthalate
Concen: 38.031 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717125		
177	21.2	16.1	24.1	
150	12.3	10.1	15.1	

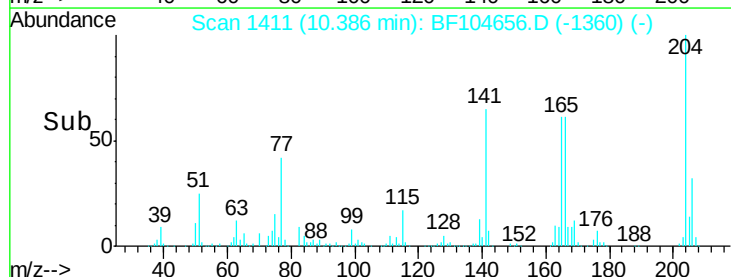
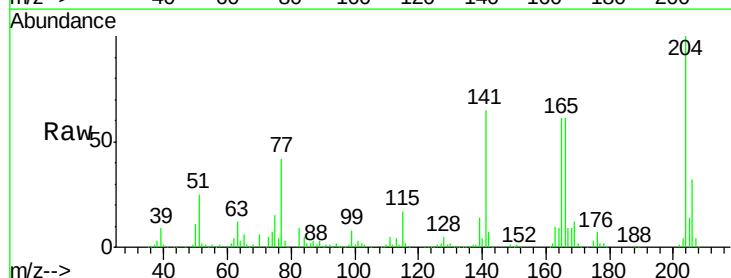
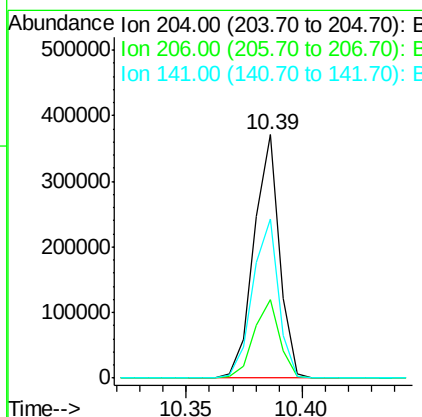
Manual Integrations
APPROVED

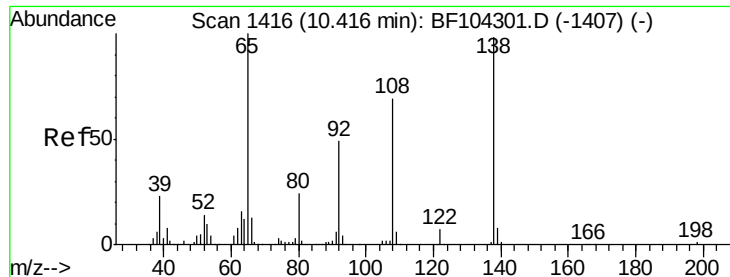
Sohil
4/20/2018 3:05:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.576 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	286440		
206	32.2	26.5	39.7	
141	65.3	54.6	81.8	





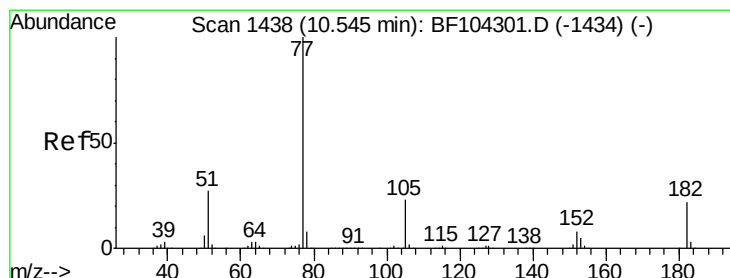
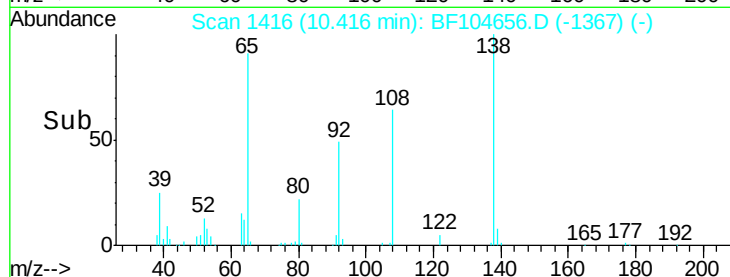
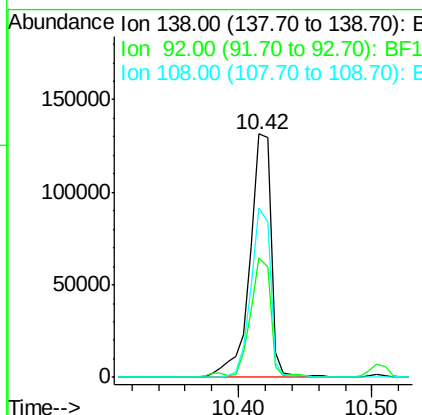
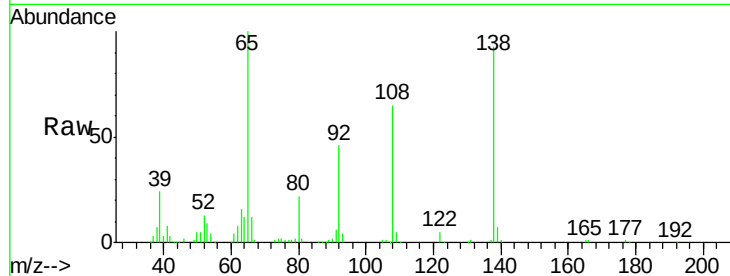
#61
4-Nitroaniline
Concen: 35.376 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	69.6	52.5	92.5

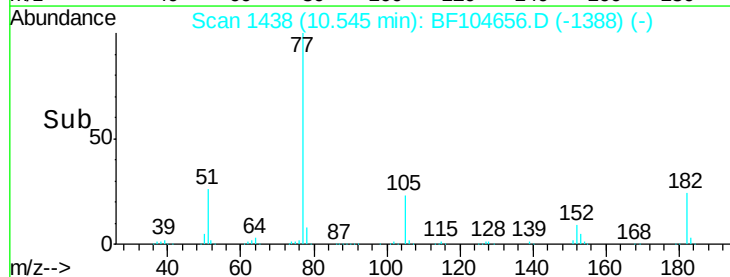
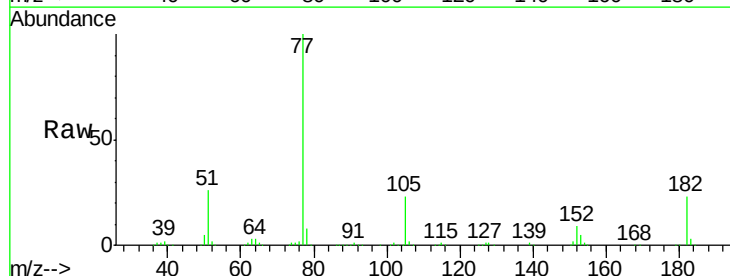
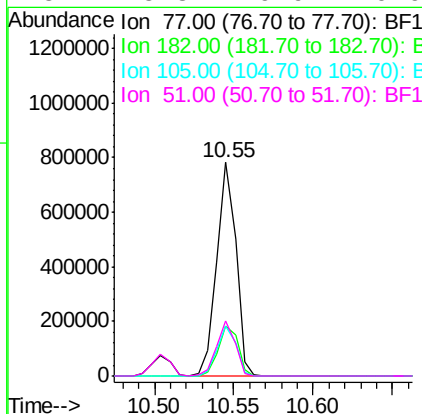
Manual Integrations
APPROVED

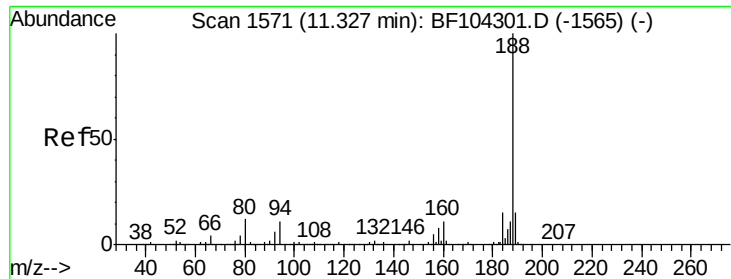
Sohil
4/20/2018 3:05:46 PM



#62
Azobenzene
Concen: 36.439 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	23.4	3.0	43.0
51	25.8	9.9	49.9





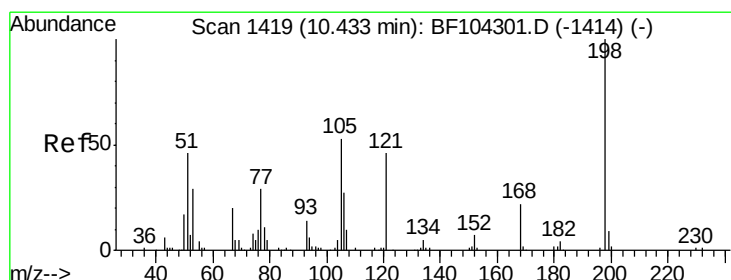
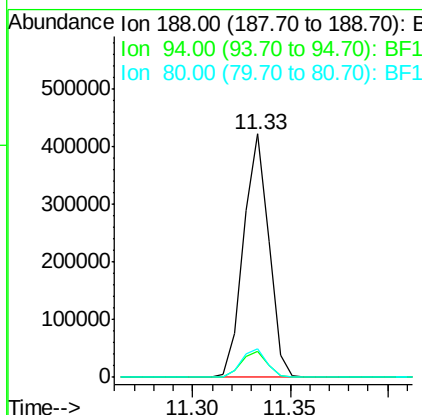
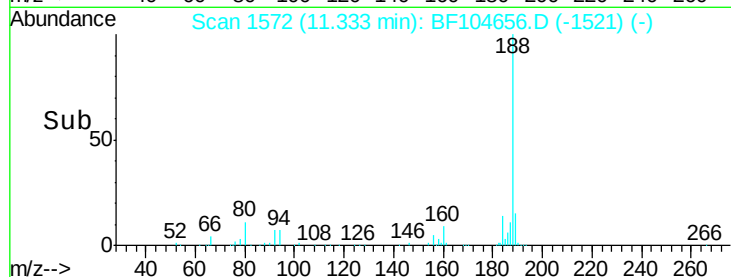
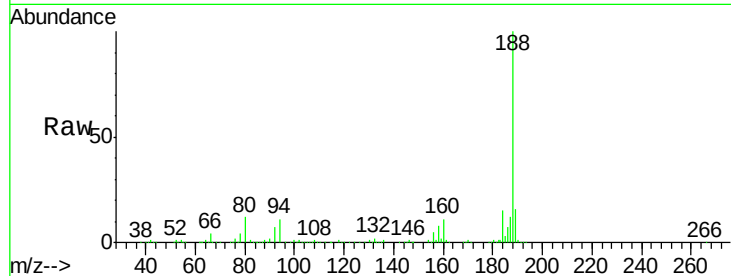
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampled :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	379406		
94	10.9		8.5	12.7
80	11.7		9.2	13.8

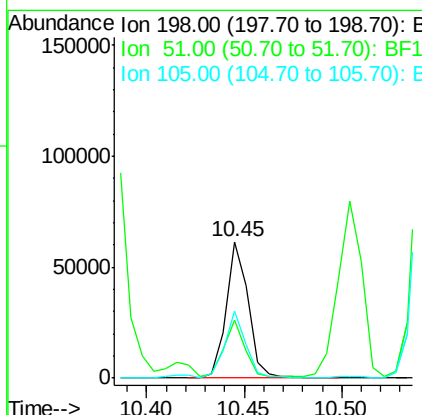
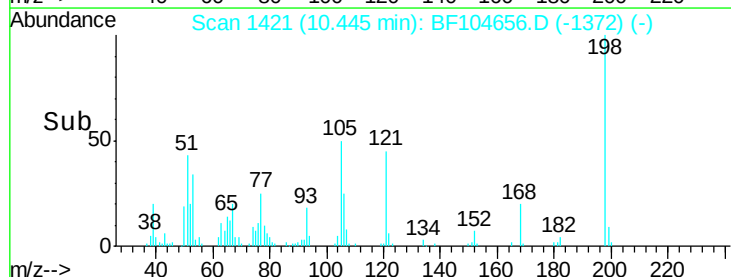
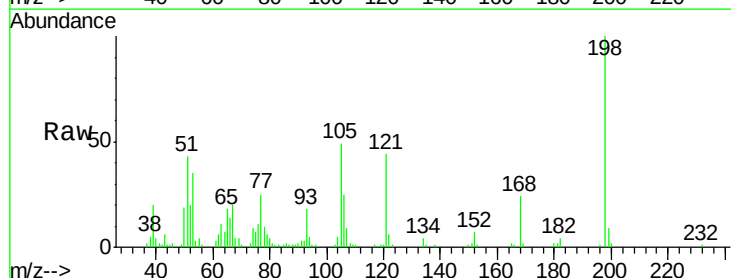
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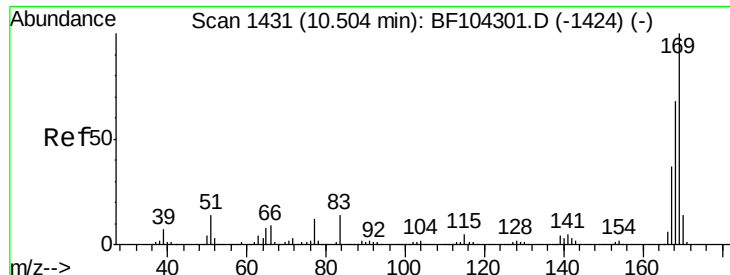
Sohil
 4/20/2018 3:05:46 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.398 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48109		
51	42.7		37.7	77.7
105	49.5		36.3	76.3





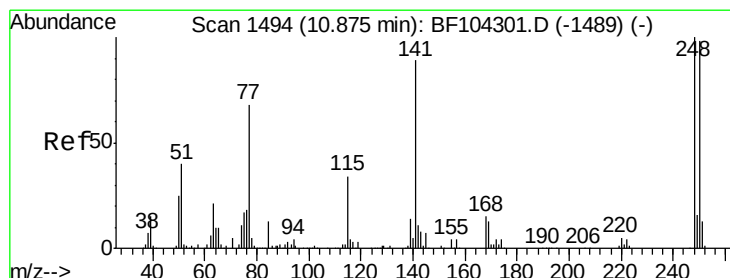
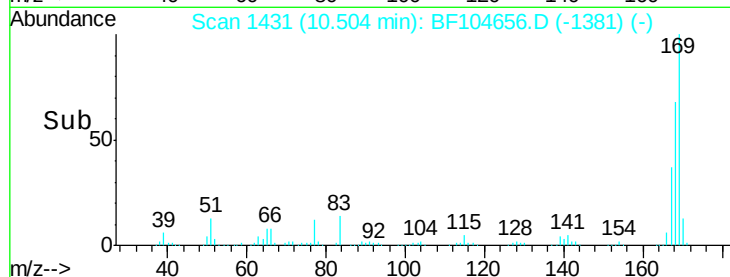
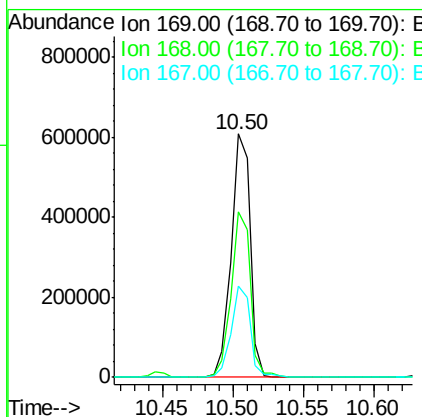
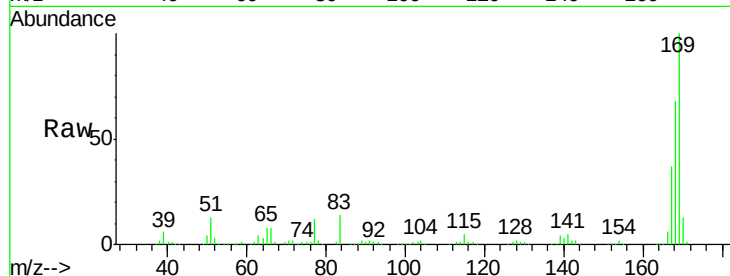
#65
 n-Nitrosodiphenylamine
 Concen: 43.157 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		567730		
168	68.1	54.4		81.6	
167	37.4	29.8		44.6	

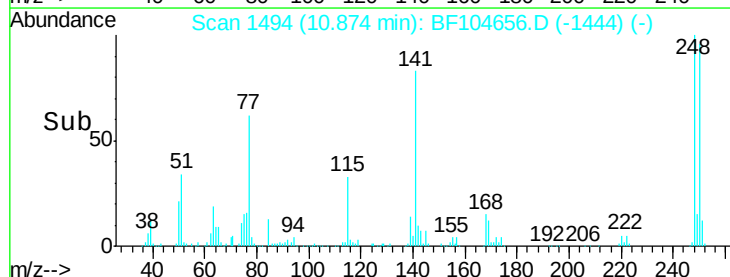
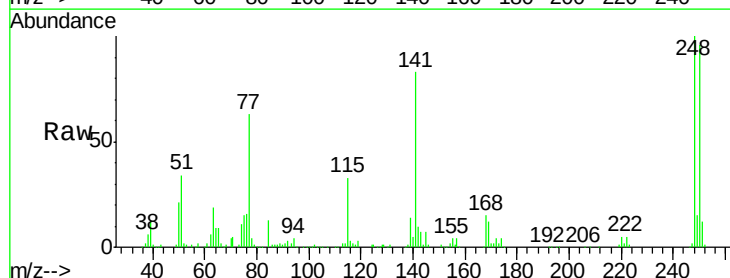
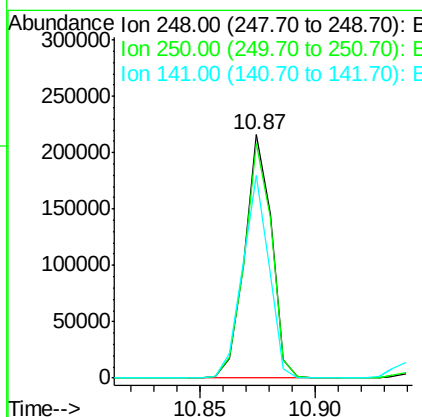
Manual Integrations
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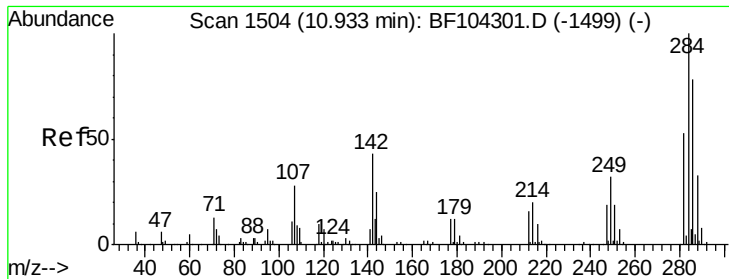
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 43.713 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		176410		
250	96.2	76.9		115.3	
141	83.2	74.4		111.6	





#67

Hexachlorobenzene

Concen: 40.980 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

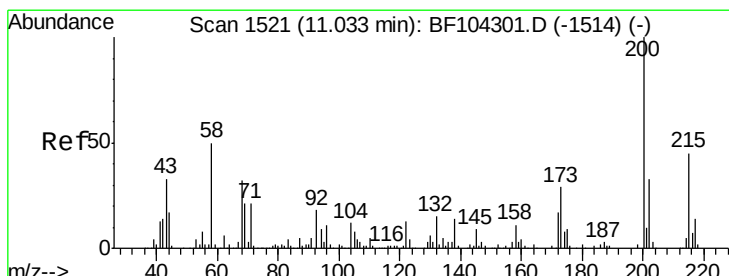
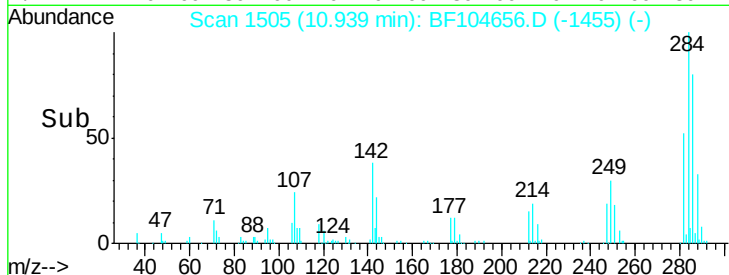
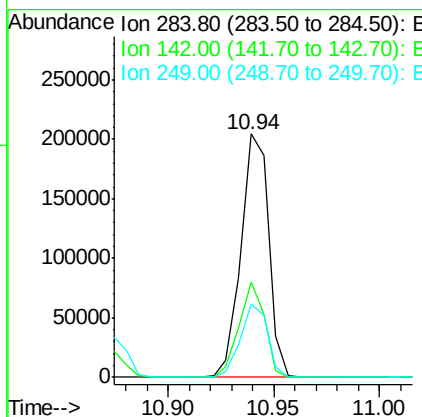
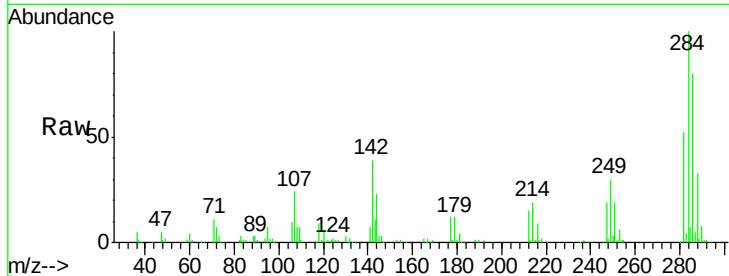
ClientSampled :

PB108328BS

Tot Ion:	284	Resp:	186088
Ion Ratio	Lower	Upper	
284	100		
142	39.3	34.6	52.0
249	30.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 45.403 ng

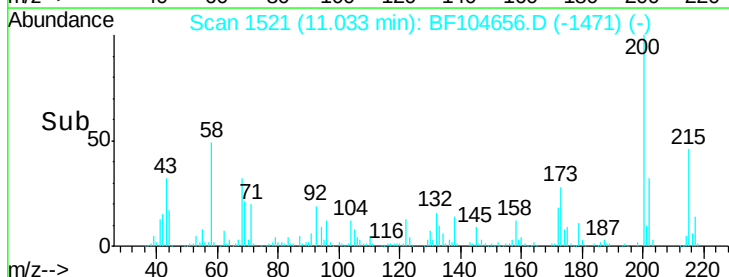
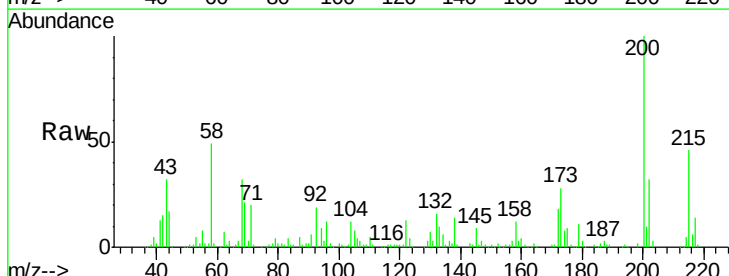
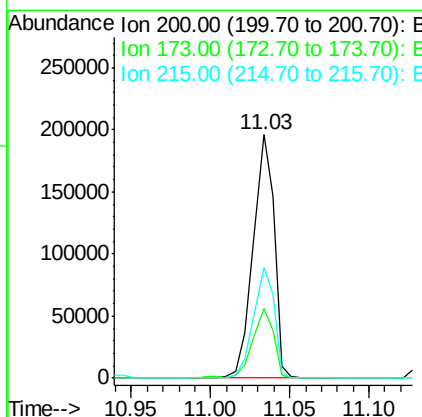
RT: 11.03 min Scan# 1521

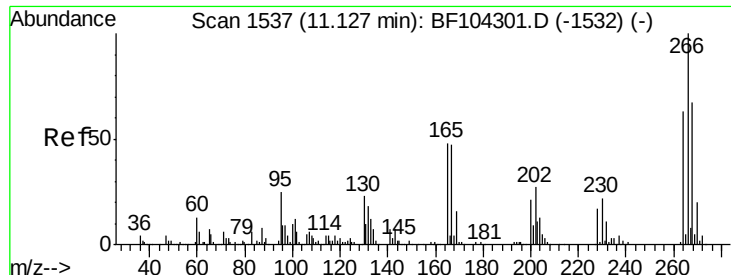
Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:	200	Resp:	180287
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.6	48.6
215	45.6	25.1	65.1





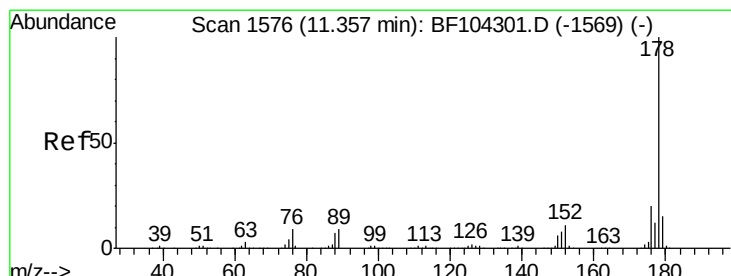
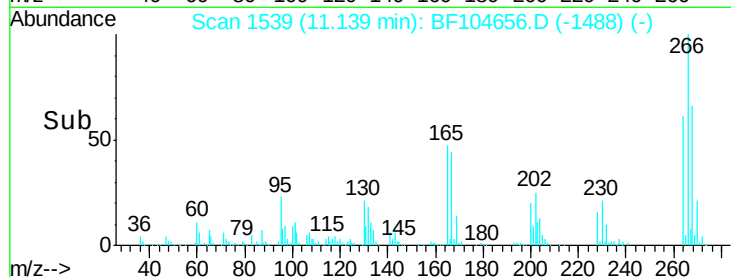
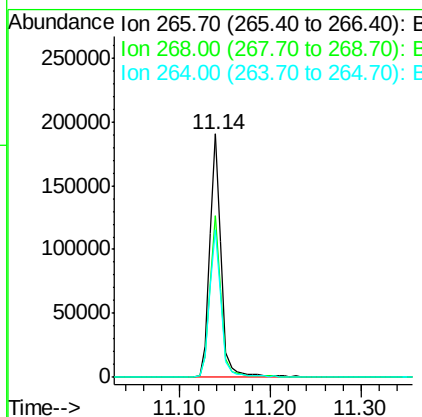
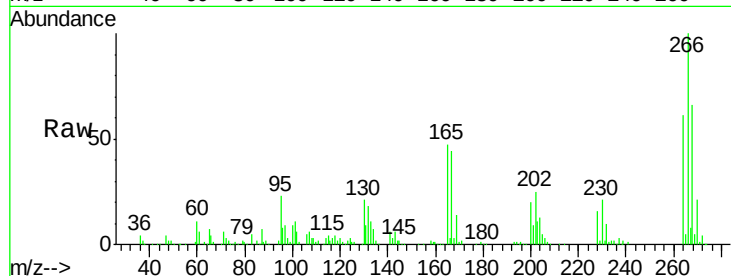
#69
 Pentachlorophenol
 Concen: 61.300 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	60.6	49.5	74.3

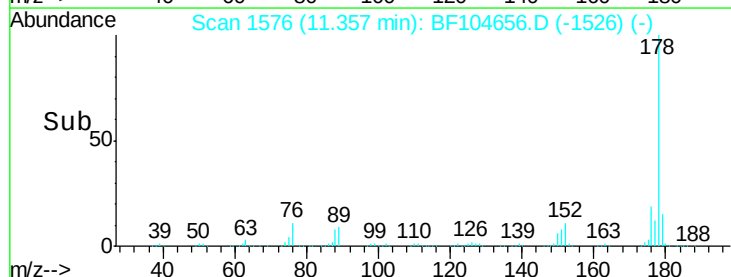
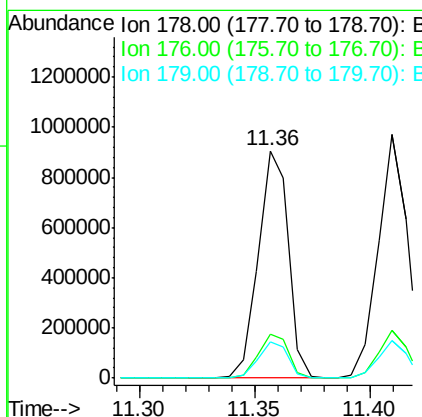
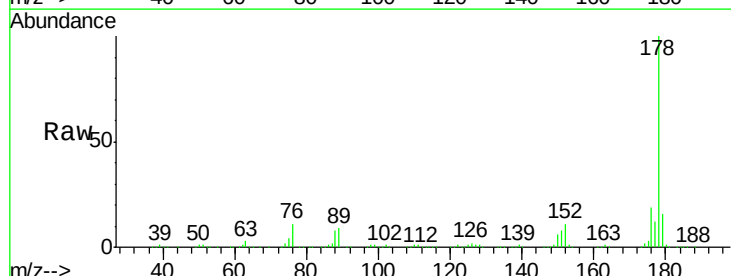
Manual Integrations
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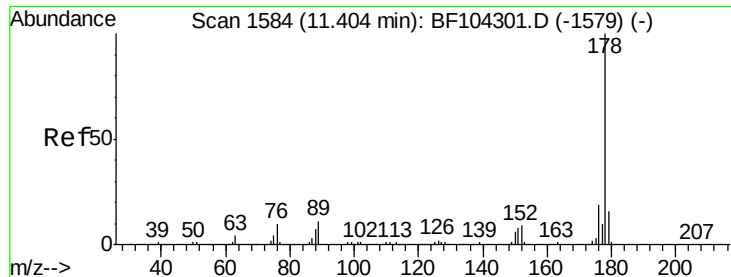
Sohil
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#70
 Phenanthrene
 Concen: 38.965 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	13.0	19.6





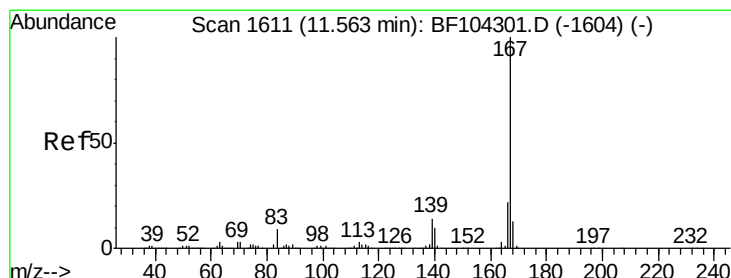
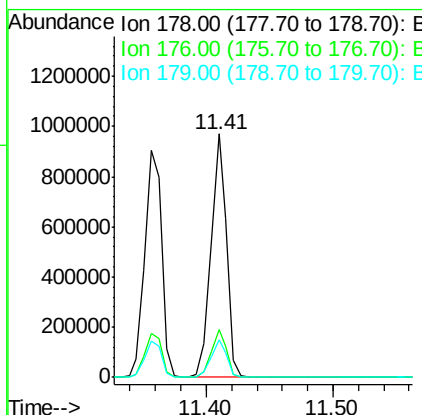
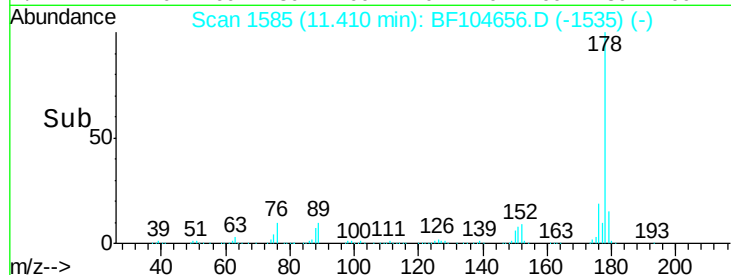
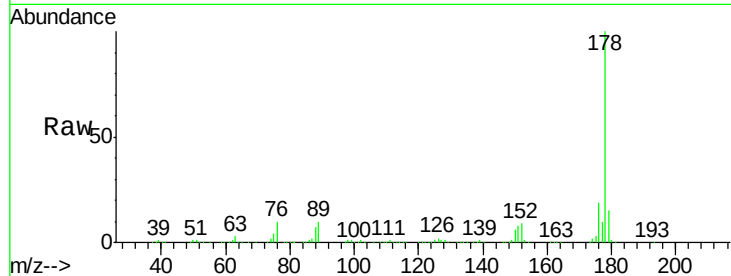
#71
 Anthracene
 Concen: 39.104 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	19.0

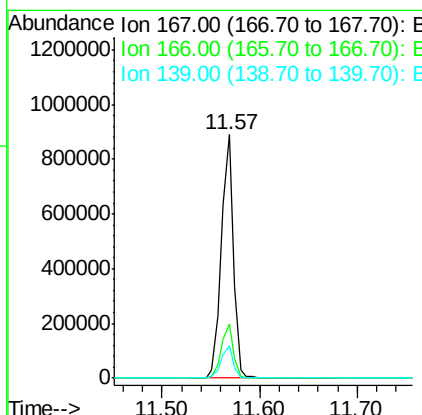
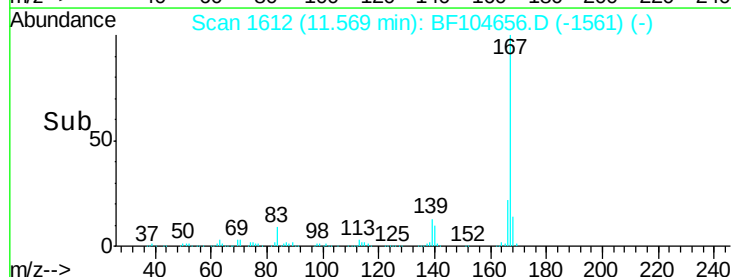
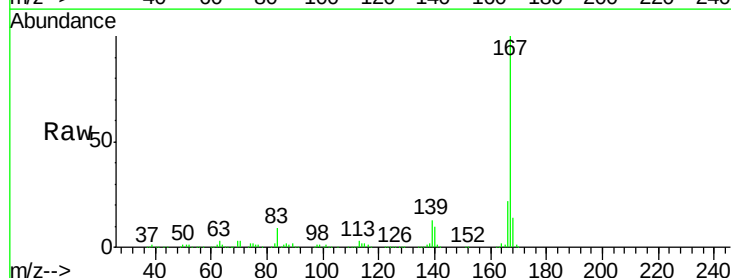
Manual Integrations
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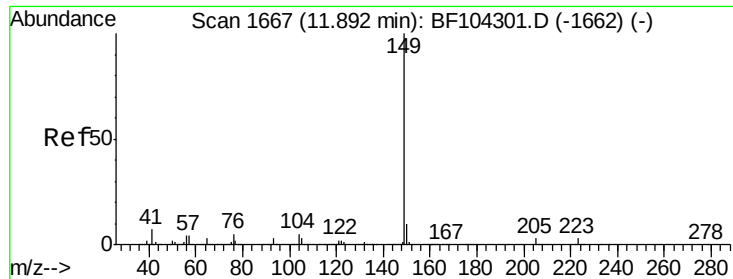
Sohil
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#72
 Carbazole
 Concen: 36.409 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.589 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

ClientSampleId :

PB108328BS

Tot Ion:149 Resp: 1040606

Ion Ratio Lower Upper

149 100

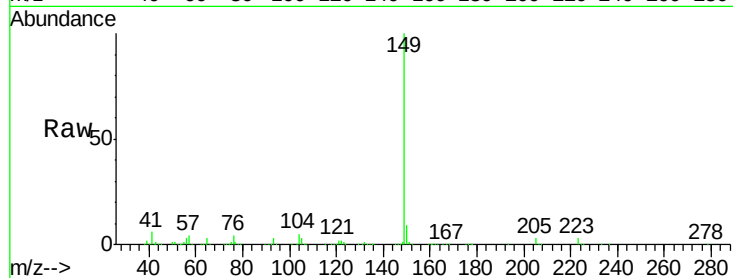
150 9.3 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

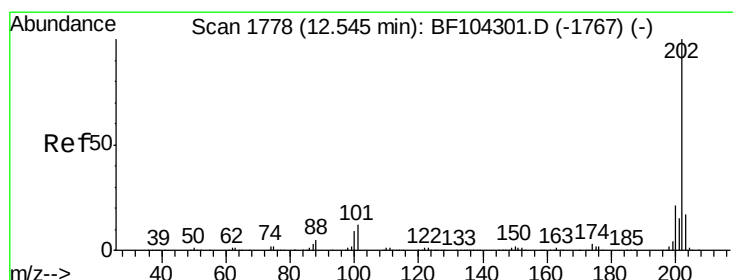
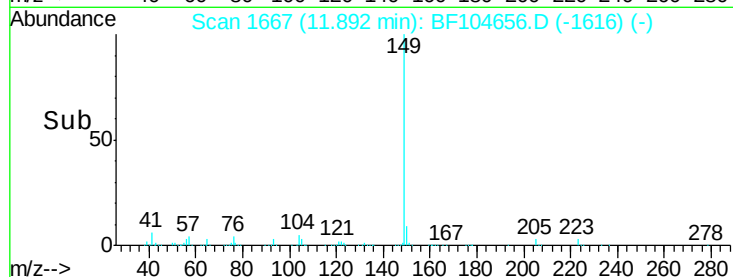
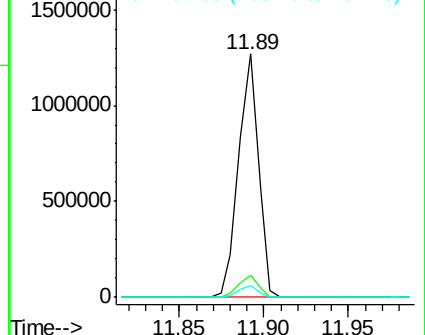
4/20/2018 3:05:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.002 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

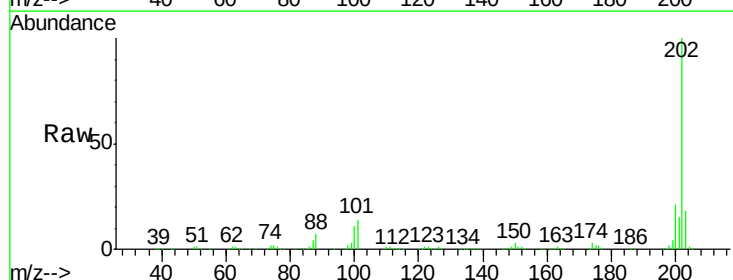
Tgt Ion:202 Resp: 772684

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

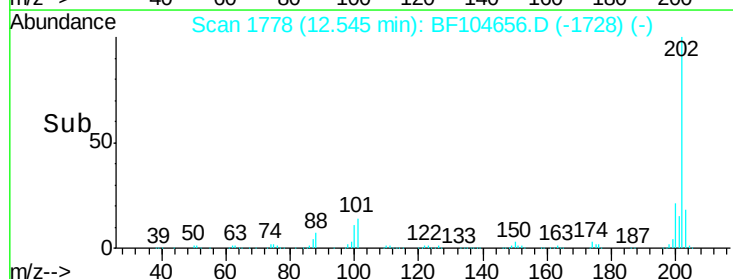
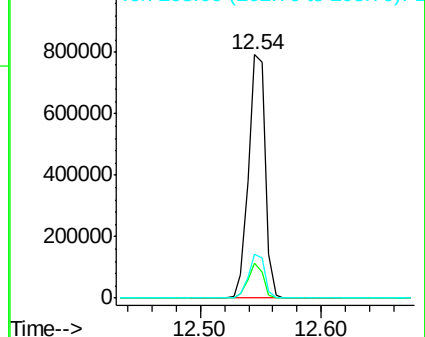
203 18.1 0.0 38.1

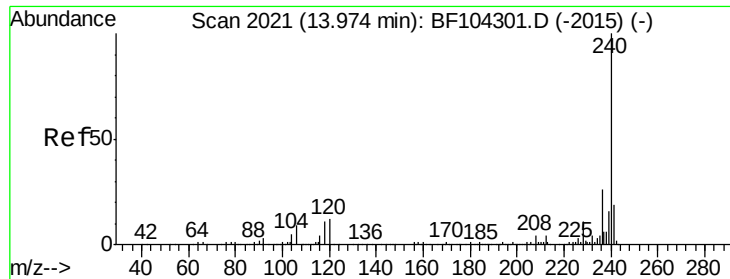


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

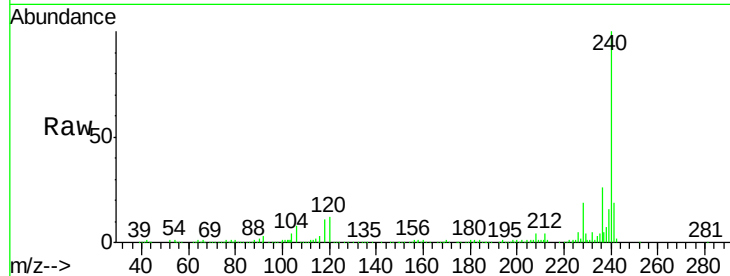
ClientSampleId :

PB108328BS

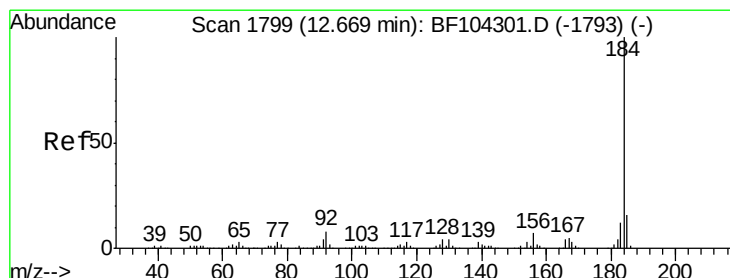
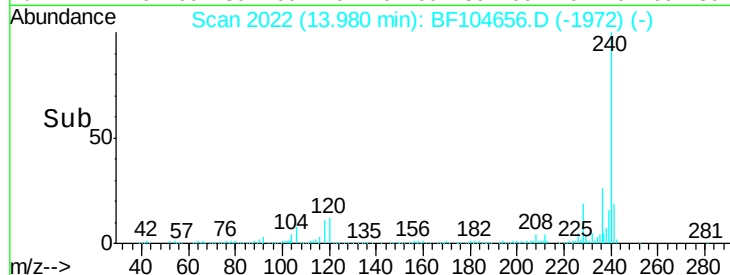
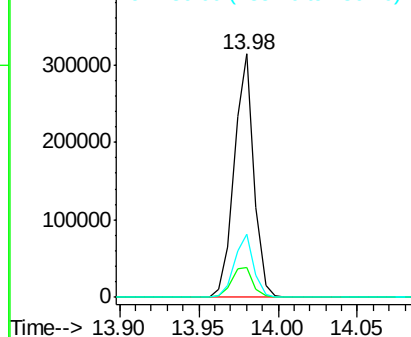
Tot Ion:	240	Resp:	268940
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.7	20.7	31.1

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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: 42.944 ng

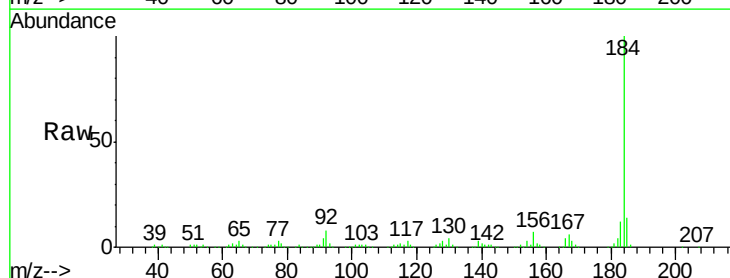
RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

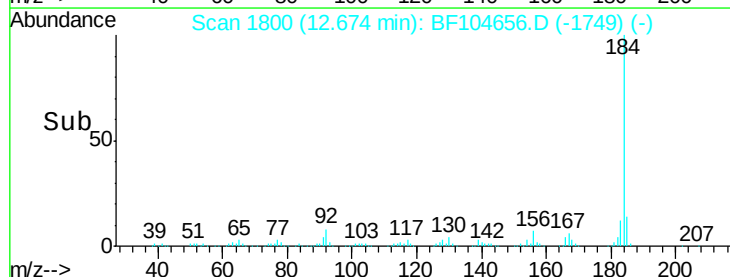
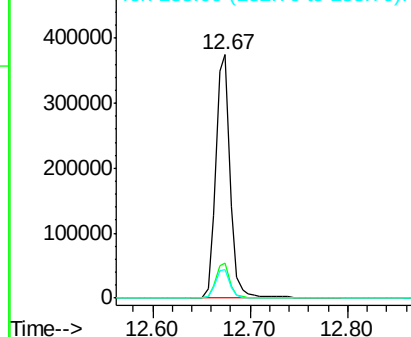
Lab File: BF104656.D

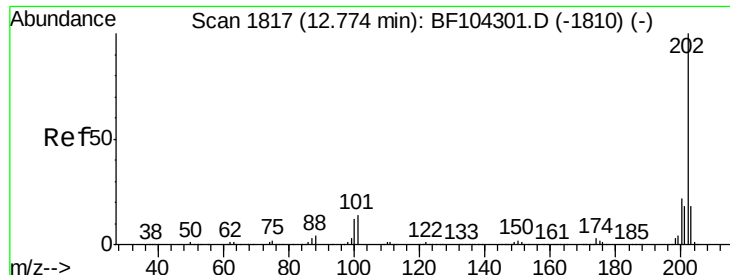
Acq: 20 Apr 2018 3:47

Tgt Ion:	184	Resp:	383540
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.9	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





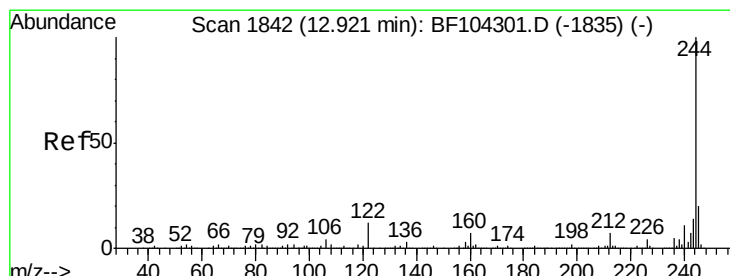
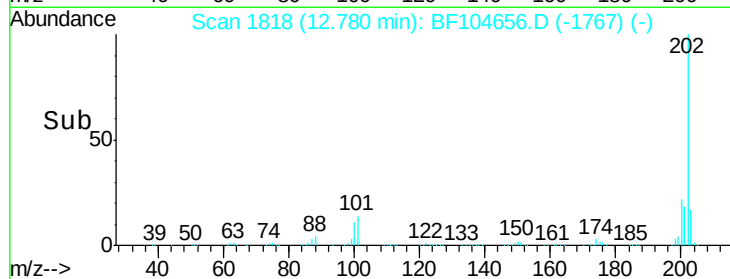
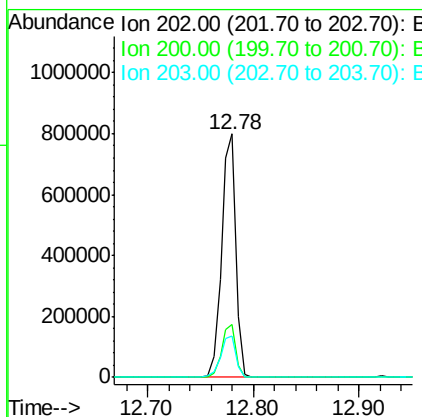
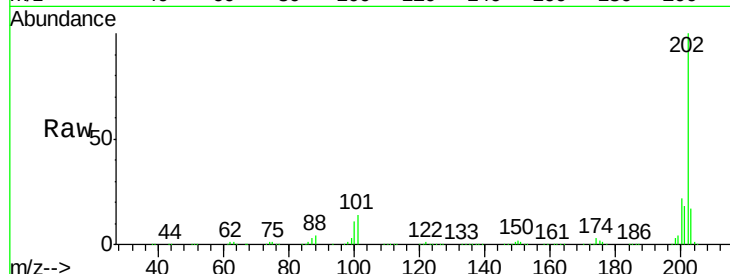
#77
Pvrene
Concen: 37.892 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampled :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	755362		
200	21.5		17.4	26.2
203	17.1		14.3	21.5

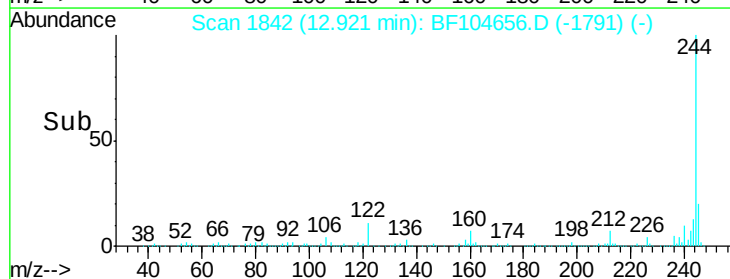
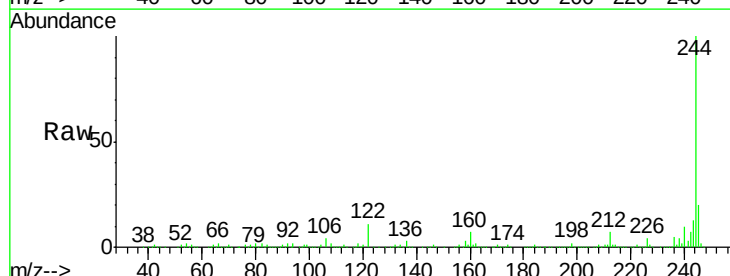
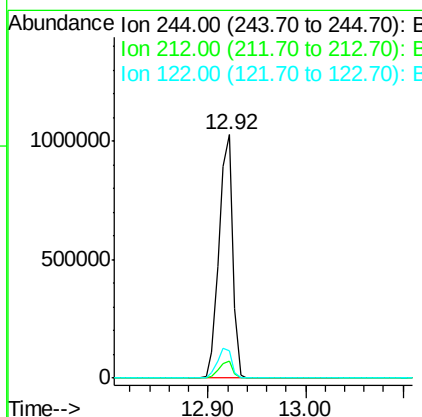
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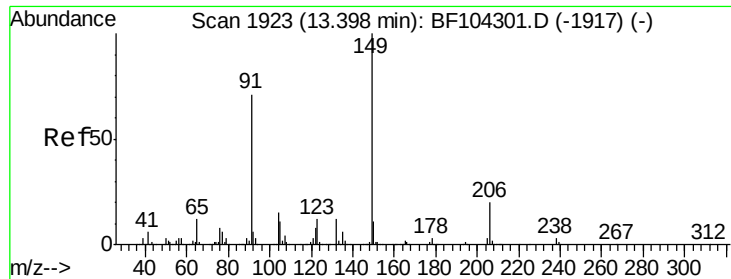
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#78
Terphenyl-d14
Concen: 84.720 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	999396		
212	6.8		5.4	8.0
122	11.4		11.0	16.4





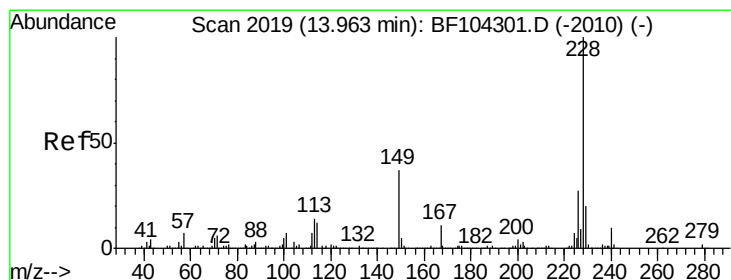
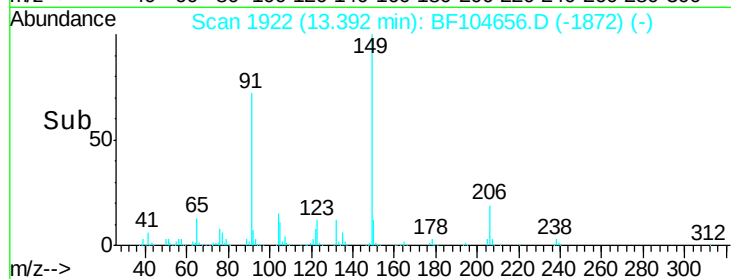
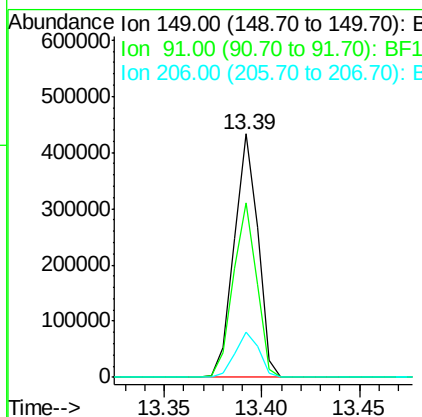
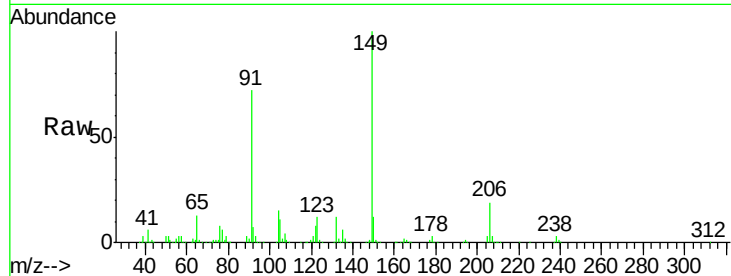
#79
Butylbenzylphthalate
Concen: 39.051 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	366754		
91	71.9	56.8	85.2	
206	18.7	14.1	21.1	

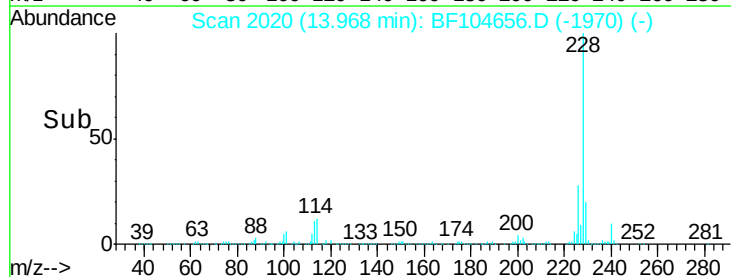
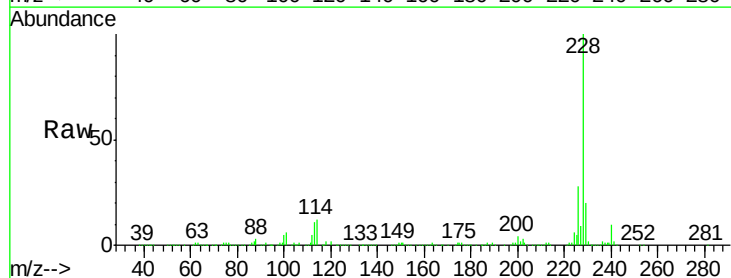
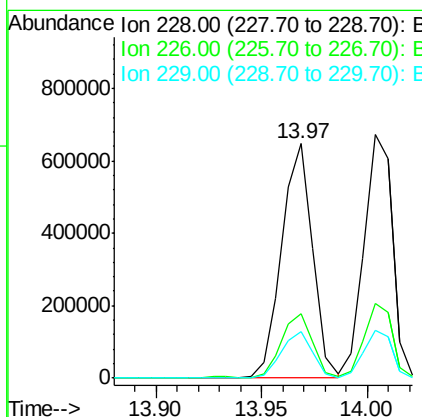
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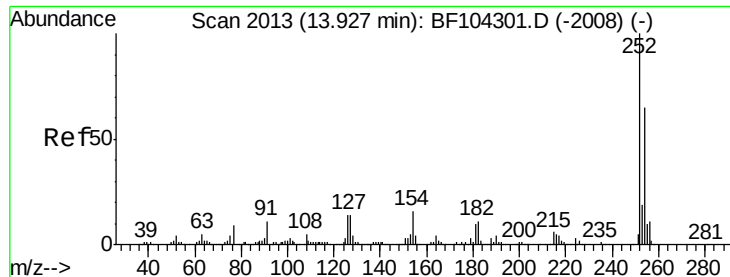
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#80
Benzo(a)anthracene
Concen: 41.153 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	661201		
226	27.6	22.6	33.8	
229	20.0	15.8	23.6	





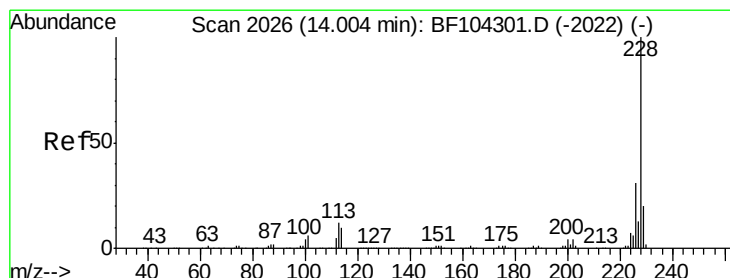
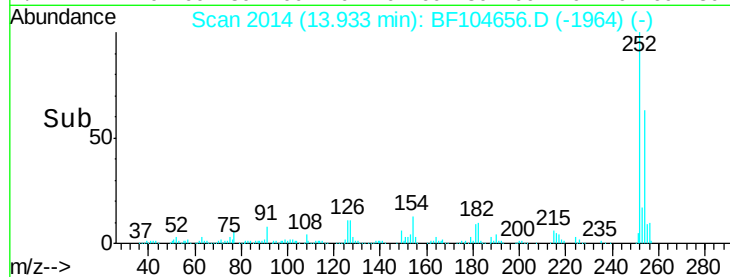
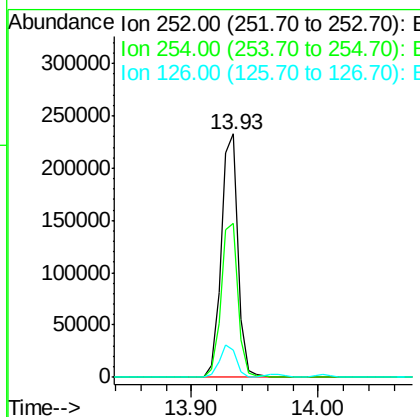
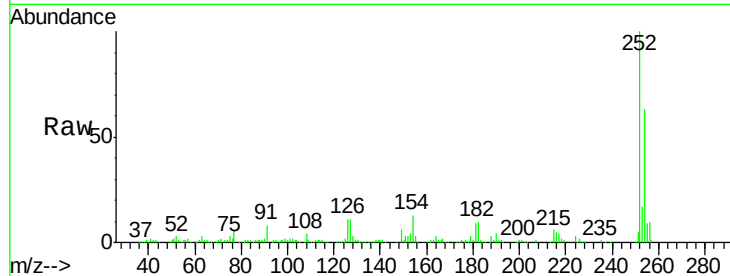
#81
 3,3'-Dichlorobenzidine
 Concen: 35.951 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	215364		
254	63.2	50.4	75.6	
126	11.3	11.3	16.9	

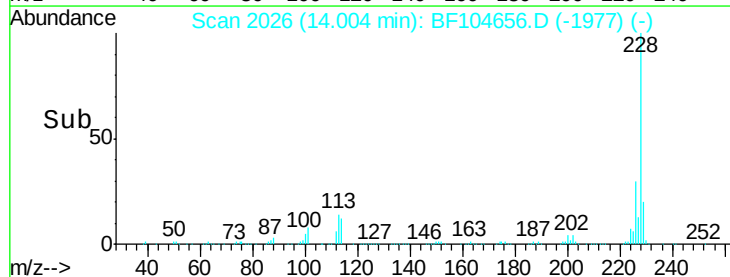
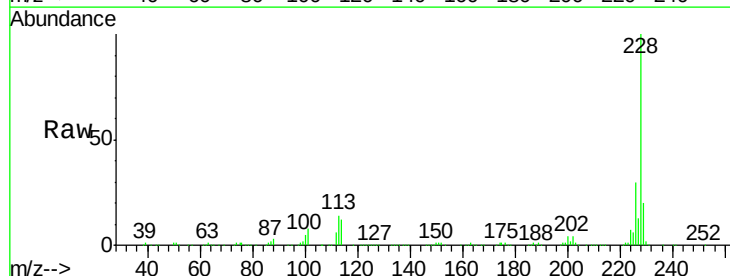
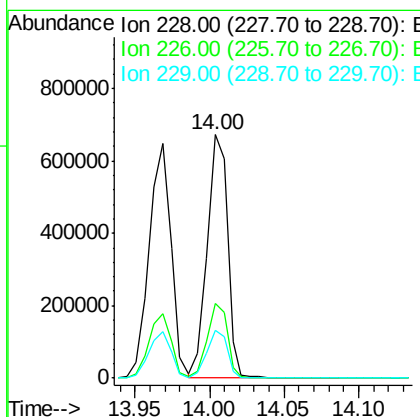
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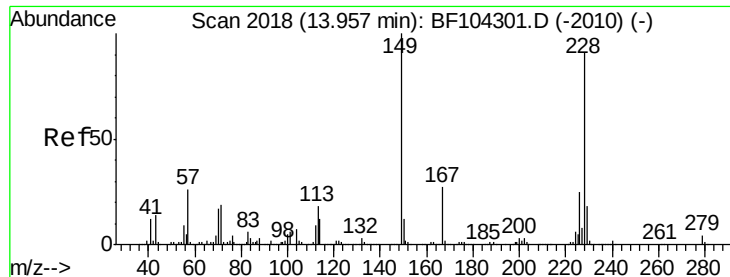
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#82
 Chrysene
 Concen: 38.441 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	634396		
226	30.5	25.0	37.6	
229	19.6	16.2	24.4	





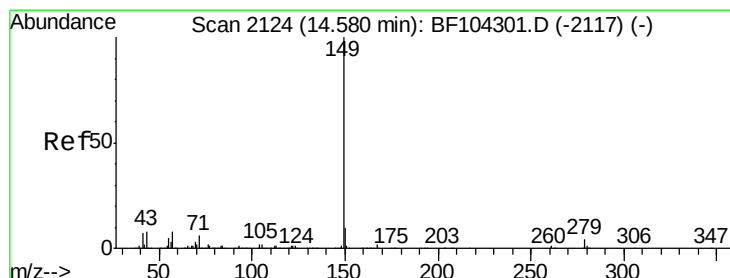
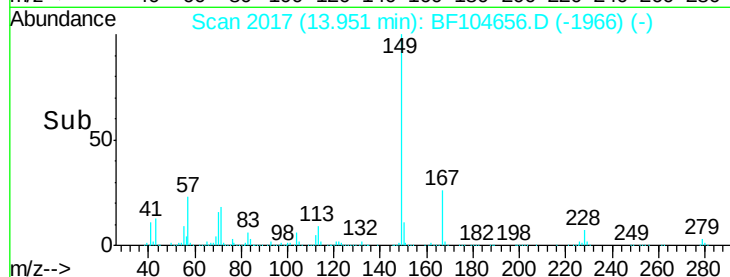
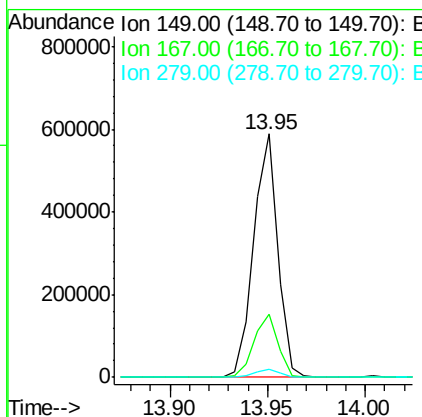
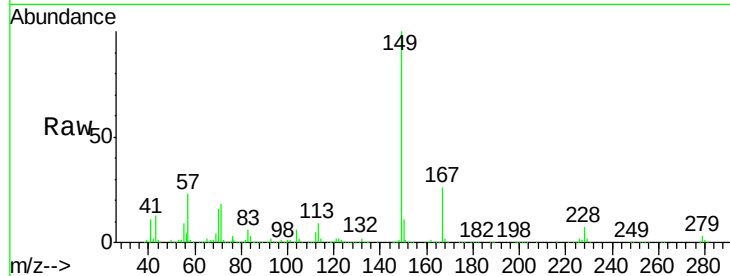
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.696 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	503684		
167	26.1		21.3	31.9
279	3.4		3.0	4.4

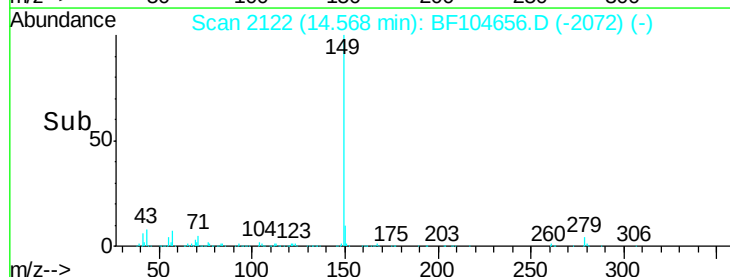
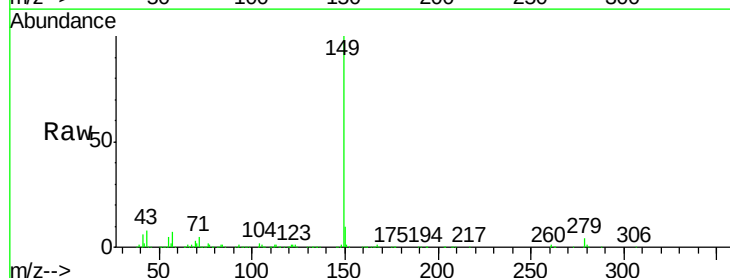
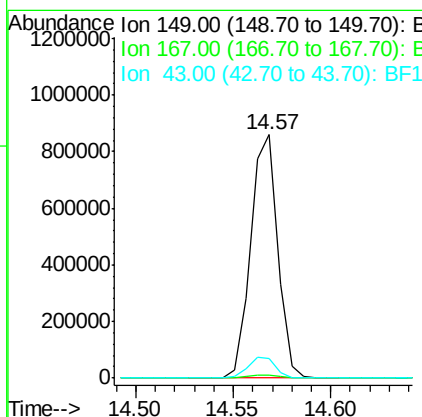
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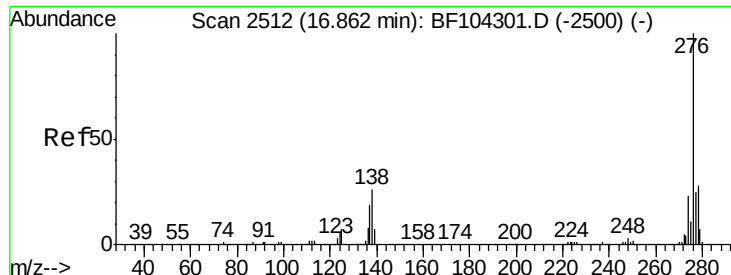
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#84
 Di-n-octyl phthalate
 Concen: 40.783 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	823189		
167	1.5		1.2	1.8
43	8.5		8.4	12.6





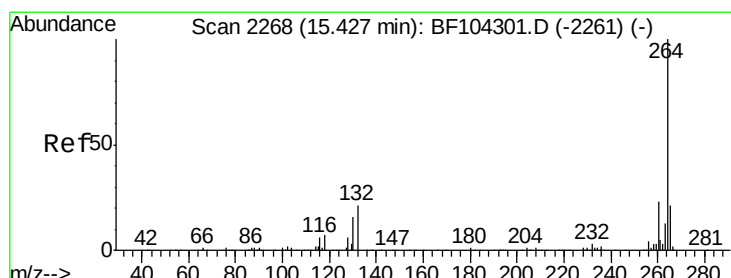
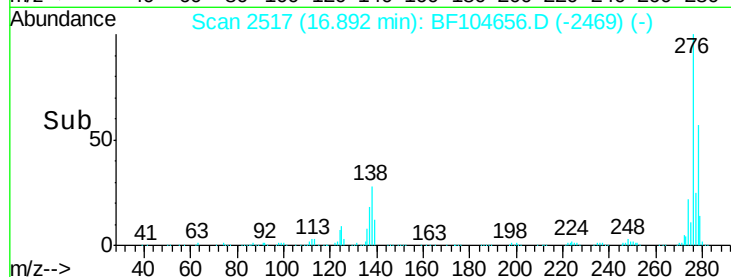
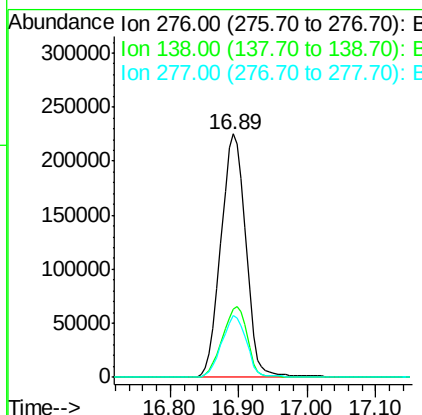
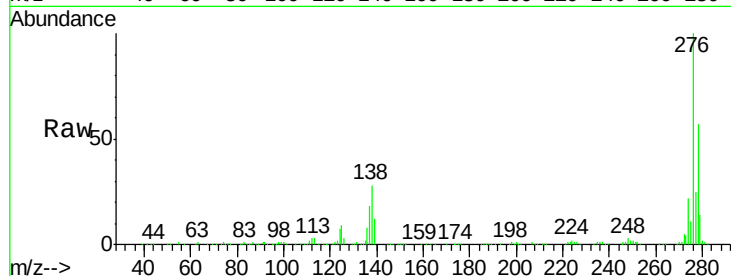
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.746 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion:	276	Resp:	571215
Ion Ratio	Lower	Upper	
276	100		
138	29.2	25.0	37.6
277	25.2	20.1	30.1

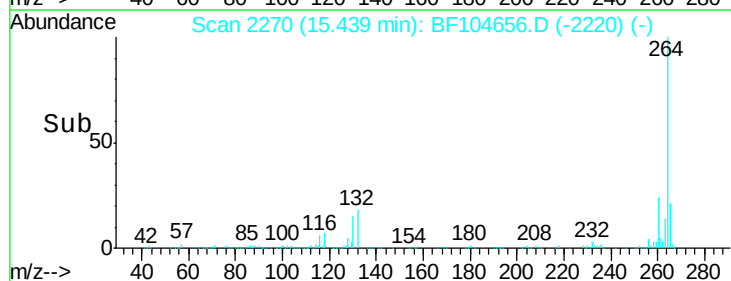
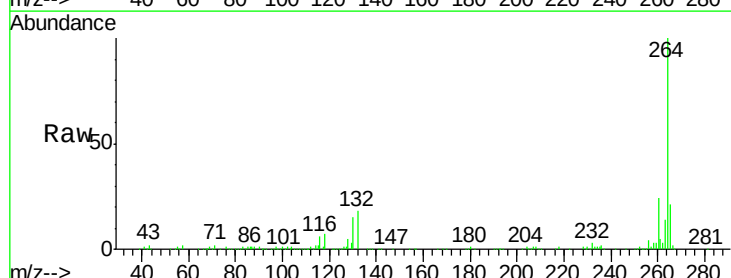
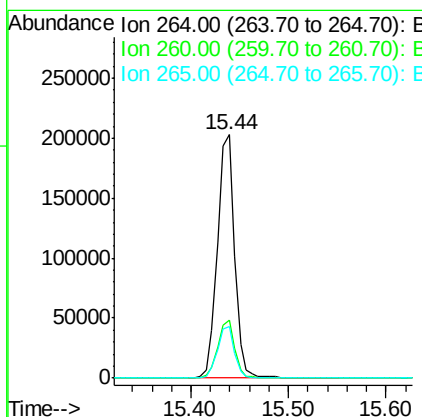
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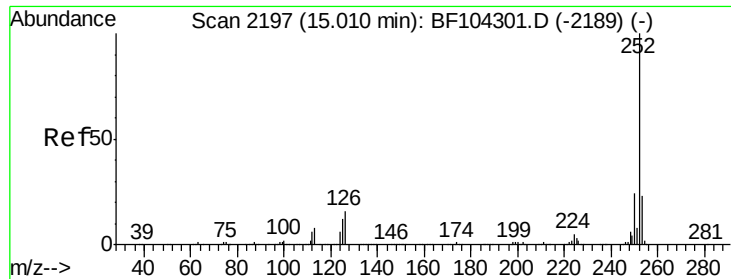
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Tgt Ion:	264	Resp:	249877
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.374 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Instrument :

BNA_F

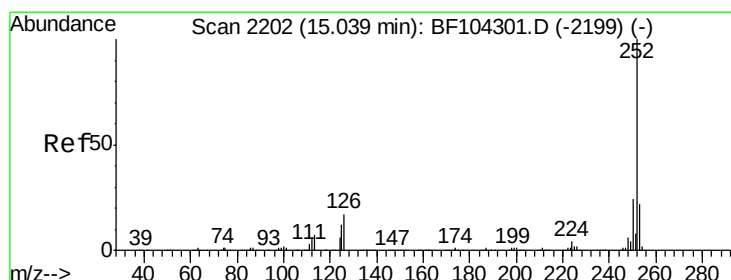
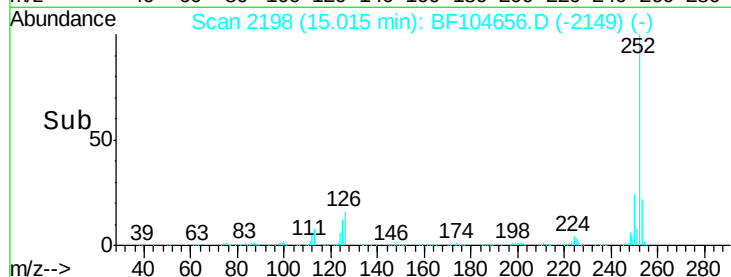
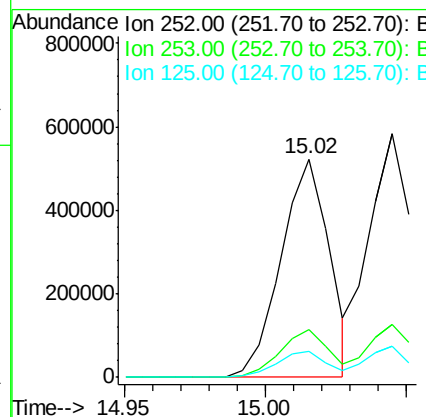
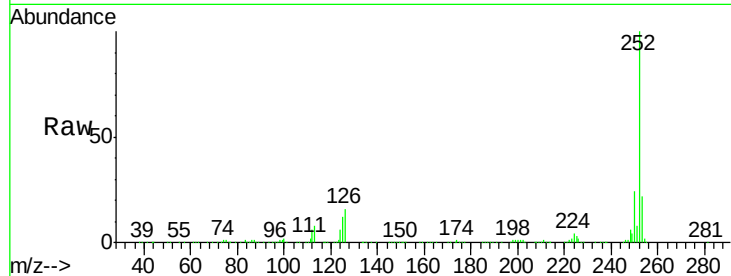
ClientSampleId :

PB108328BS

Tot Ion:252	Resp:	621395
Ion Ratio	Lower	Upper
252 100		
253 21.9	17.0	25.6
125 12.2	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 40.874 ng

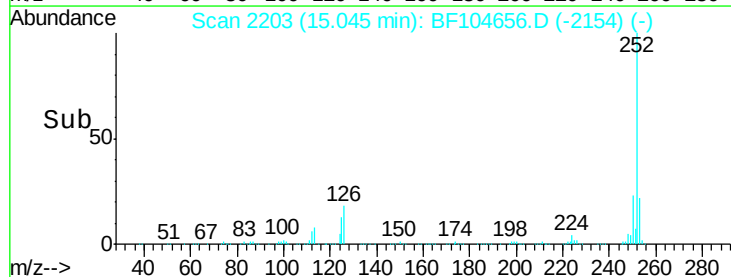
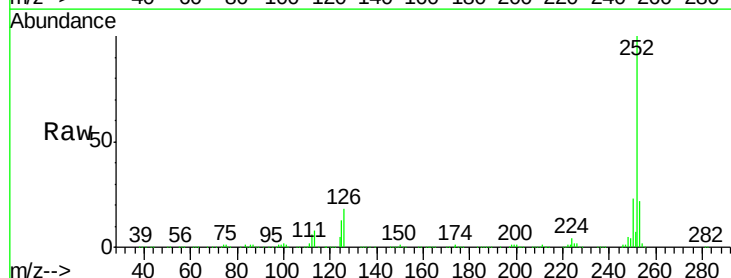
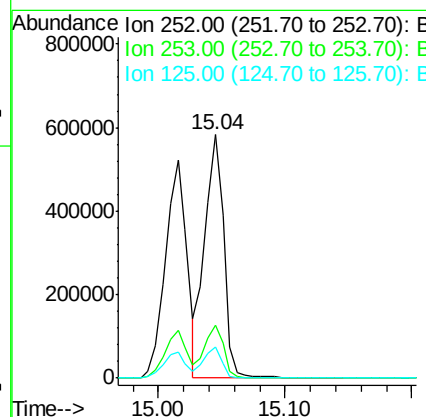
RT: 15.04 min Scan# 2203

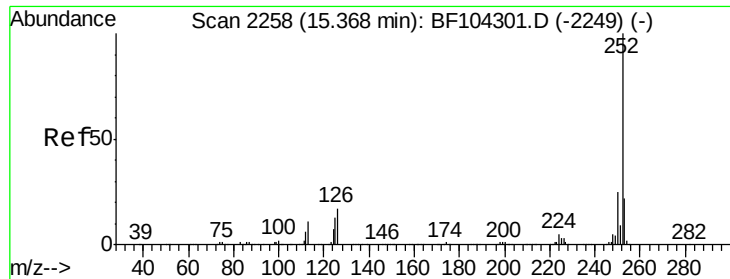
Delta R.T. -0.01 min

Lab File: BF104656.D

Acq: 20 Apr 2018 3:47

Tgt Ion:252	Resp:	609002
Ion Ratio	Lower	Upper
252 100		
253 21.7	17.9	26.9
125 12.6	10.2	15.2





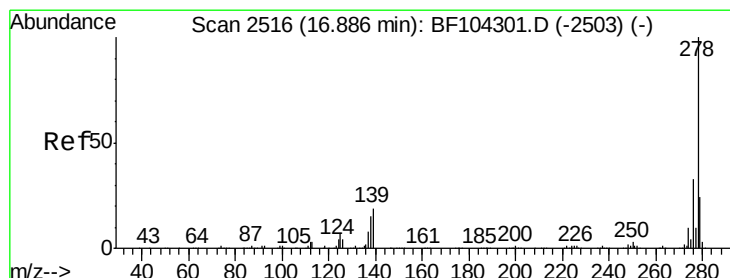
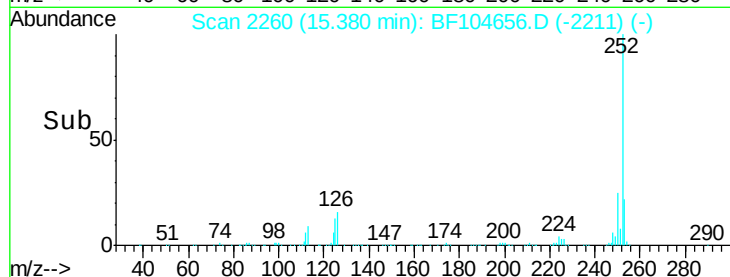
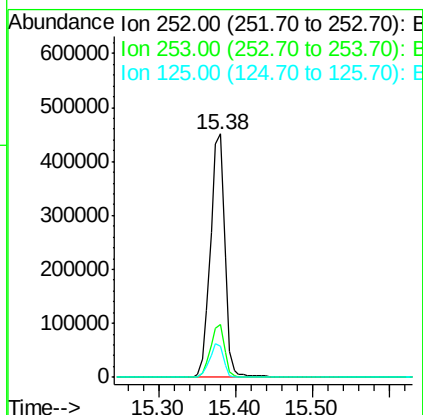
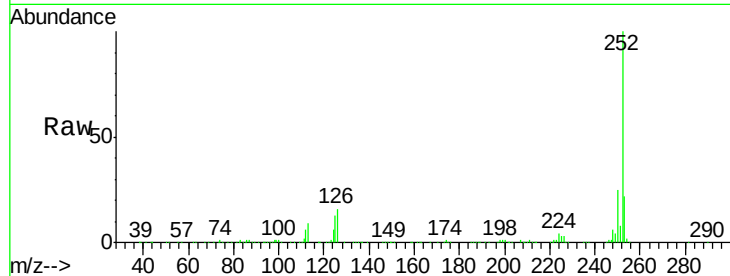
#89
Benzo(a)pyrene
Concen: 40.915 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.9	9.8	14.6

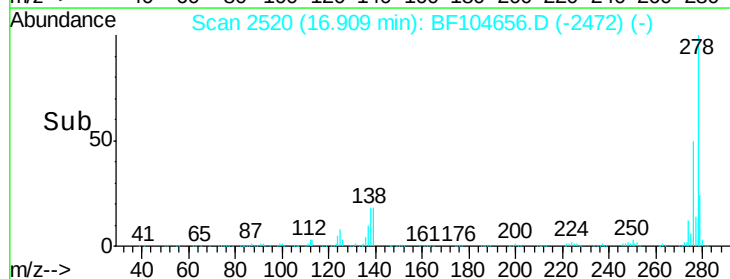
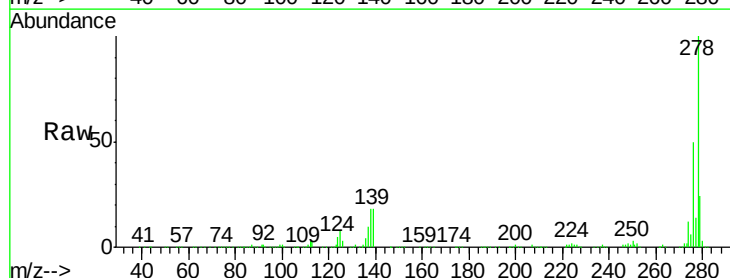
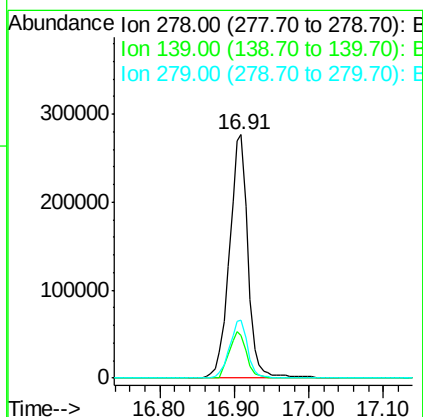
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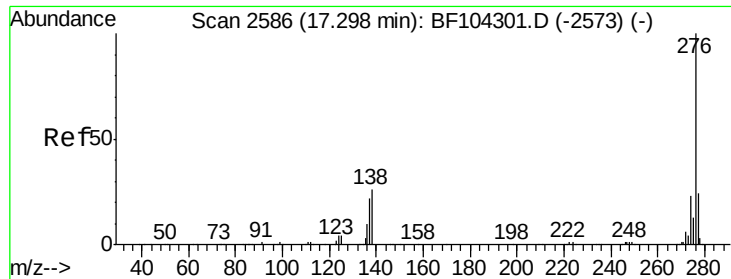
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#90
Dibenzo(a,h)anthracene
Concen: 41.502 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104656.D
Acq: 20 Apr 2018 3:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.032 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.02 min
 Lab File: BF104656.D
 Acq: 20 Apr 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BS

Tot Ion:	276	Resp:	449798
Ion Ratio		Lower	Upper
276	100		
277	24.6	17.9	26.9
138	24.9	21.8	32.8

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