

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104433.D
 Acq On : 11 Apr 2018 13:03
 Operator : JU/SJ
 Sample : J2310-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:30 PM

Quant Time: Apr 11 16:38:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145130	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569585	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242324	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	396814	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265065	20.00	ng	0.00
86) Perylene-d12	15.46	264	255918	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	895727	94.37	ng	0.02
7) Phenol-d6	6.45	99	1141727	97.90	ng	0.01
23) Nitrobenzene-d5	7.38	82	695528	79.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	266430	105.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1212176	79.02	ng	0.00
78) Terphenyl-d14	12.93	244	958712	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	102694	23.220	ng	89
3) Pyridine	3.30	79	306610	24.658	ng	89
4) n-Nitrosodimethylamine	3.25	42	125315	28.830	ng	79
6) Aniline	6.47	93	157913	9.746	ng	98
8) 2-Chlorophenol	6.60	128	332730	33.213	ng	94
9) Benzaldehyde	6.36	77	206430	33.036	ng	99
10) Phenol	6.46	94	430033	34.754	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	339074	34.339	ng	94
12) 1,3-Dichlorobenzene	6.75	146	345317	30.426	ng	99
13) 1,4-Dichlorobenzene	6.83	146	351605	31.079	ng	99
14) 1,2-Dichlorobenzene	6.98	146	328755	31.358	ng	99
15) Benzyl Alcohol	6.95	79	288099	32.526	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	413245	31.163	ng	93
17) 2-Methylphenol	7.06	107	279007	32.040	ng	98
18) Hexachloroethane	7.32	117	118039	29.264	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	224503	29.460	ng	92
20) 3+4-Methylphenols	7.22	107	328418	30.409	ng	# 75
22) Acetophenone	7.22	105	458009	32.662	ng	97
24) Nitrobenzene	7.39	77	348306	36.167	ng	100
25) Isophorone	7.63	82	567054	30.742	ng	100
26) 2-Nitrophenol	7.71	139	184958	47.175	ng	95
27) 2,4-Dimethylphenol	7.75	122	268854	33.026	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	389599	34.545	ng	99
29) 2,4-Dichlorophenol	7.95	162	275956	35.527	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	287392	33.714	ng	98
31) Naphthalene	8.12	128	884019	31.169	ng	99
32) Benzoic acid	7.83	122	48430	7.456	ng	98
33) 4-Chloroaniline	8.17	127	200628	16.511	ng	97
34) Hexachlorobutadiene	8.23	225	155868	33.382	ng	98
35) Caprolactam	8.53	113	90797m	33.509	ng	
36) 4-Chloro-3-methylphenol	8.65	107	301535	36.204	ng	99
37) 2-Methylnaphthalene	8.80	142	570910	31.119	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	255249	36.797	ng	99
40) Hexachlorocyclopentadiene	8.96	237	153291	39.473	ng	98

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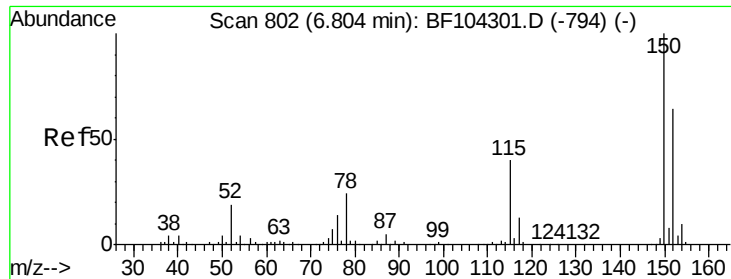
Manual Integrations
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Sohil
 4/12/2018 2:30:30 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	193150	40.111	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	197546	36.660	nq	94
45) 1,1'-Biphenyl	9.27	154	729711	35.846	nq	98
46) 2-Chloronaphthalene	9.30	162	578934	36.005	nq	99
47) 2-Nitroaniline	9.39	65	182937	46.005	nq	97
48) Acenaphthylene	9.72	152	840593	33.320	nq	99
49) Dimethylphthalate	9.57	163	748999	39.196	nq	100
50) 2,6-Dinitrotoluene	9.64	165	151810	42.934	nq	# 86
51) Acenaphthene	9.89	154	508354	33.026	nq	99
52) 3-Nitroaniline	9.80	138	115490	27.899	nq	99
53) 2,4-Dinitrophenol	9.91	184	90045	66.918	nq	# 22
54) Dibenzofuran	10.06	168	756668	35.274	nq	99
55) 4-Nitrophenol	9.97	139	241992	74.420	nq	97
56) 2,4-Dinitrotoluene	10.04	165	192383	41.479	nq	95
57) Fluorene	10.40	166	532680	34.116	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146538	36.451	nq	95
59) Diethylphthalate	10.27	149	645787	33.933	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	268843	38.663	nq	98
61) 4-Nitroaniline	10.42	138	141204	34.887	nq	96
62) Azobenzene	10.55	77	604317	33.237	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	88045	45.932	nq	88
65) n-Nitrosodiphenylamine	10.51	169	524610	38.130	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	165588	39.231	nq	97
67) Hexachlorobenzene	10.95	284	175412	36.934	nq	95
68) Atrazine	11.04	200	162997	39.248	nq	99
69) Pentachlorophenol	11.14	266	193570	65.881	nq	96
70) Phenanthrene	11.36	178	726703	32.885	nq	99
71) Anthracene	11.42	178	741857	33.025	nq	99
72) Carbazole	11.57	167	737889	33.616	nq	99
73) Di-n-butylphthalate	11.90	149	902943	33.675	nq	99
74) Fluoranthene	12.56	202	699053	30.277	nq	96
76) Benzidine	12.67	184	119558	8.936	nq	97
77) Pyrene	12.79	202	705155	35.890	nq	100
79) Butylbenzylphthalate	13.40	149	332500	35.922	nq	95
80) Benzo(a)anthracene	13.98	228	540750	34.148	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	130991	22.186	nq	# 97
82) Chrysene	14.02	228	545436	33.534	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	445239	37.397	nq	99
84) Di-n-octyl phthalate	14.59	149	703137	35.345	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.92	276	530716	38.410	nq	95
87) Benzo(b)fluoranthene	15.03	252	538549	33.319	nq	# 92
88) Benzo(k)fluoranthene	15.07	252	495822	32.492	nq	97
89) Benzo(a)pyrene	15.40	252	488633	33.787	nq	# 95
90) Dibenzo(a,h)anthracene	16.94	278	445218	37.483	nq	98
91) Benzo(g,h,i)perylene	17.37	276	436845	37.961	nq	95

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



#1

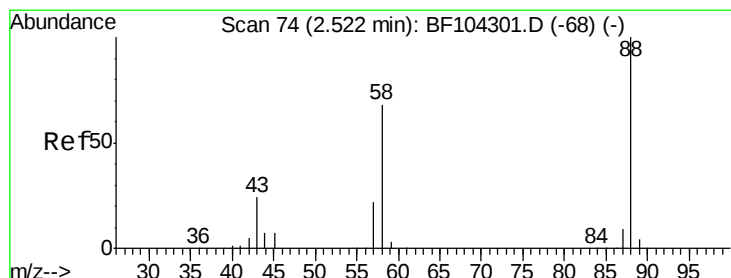
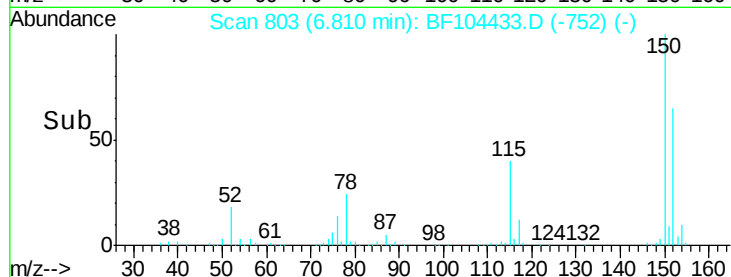
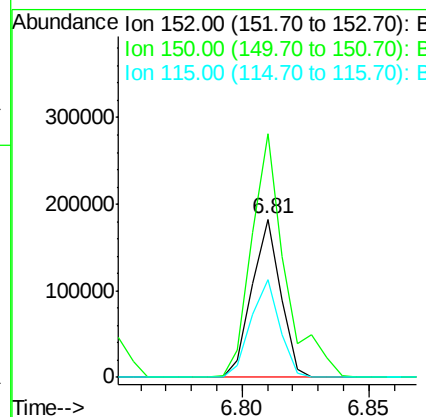
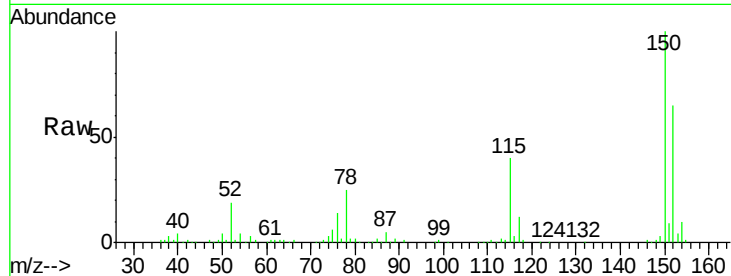
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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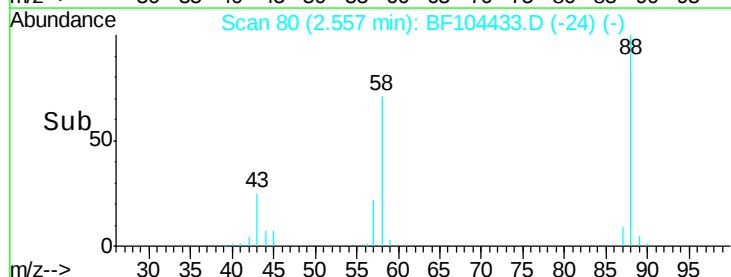
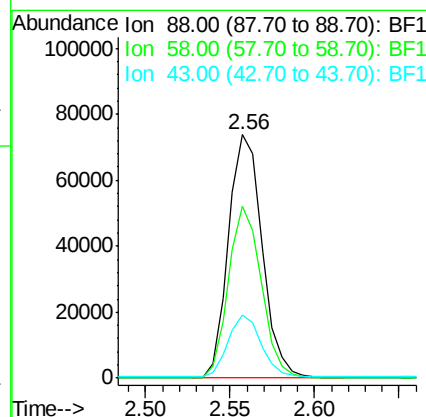
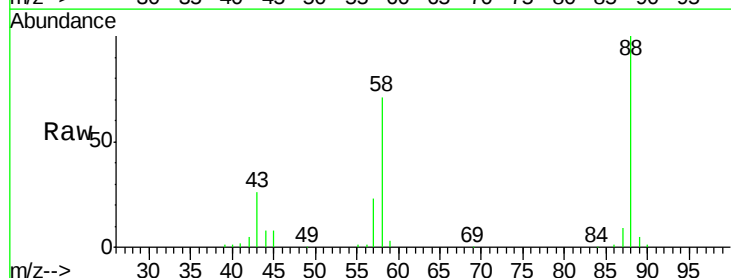
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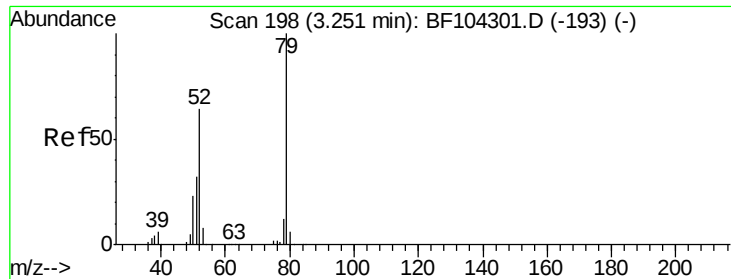


#2

1,4-Dioxane
Concen: 23.220 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	24.8	24.6	37.0





#3

Pvridine

Concen: 24.658 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

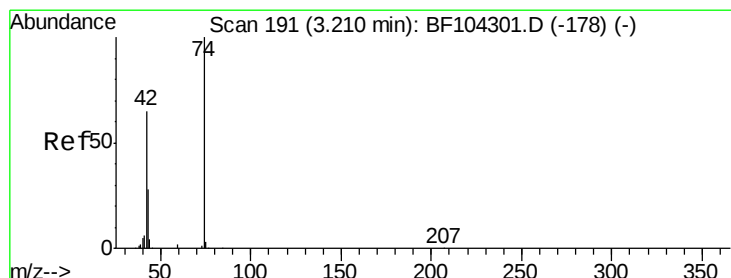
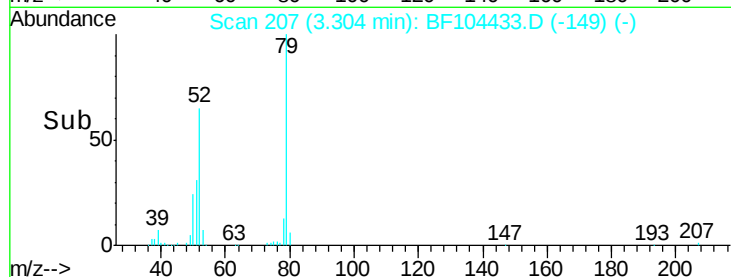
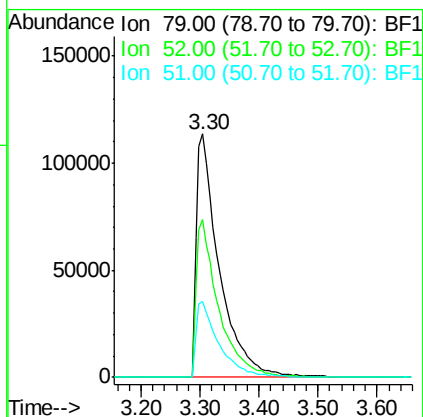
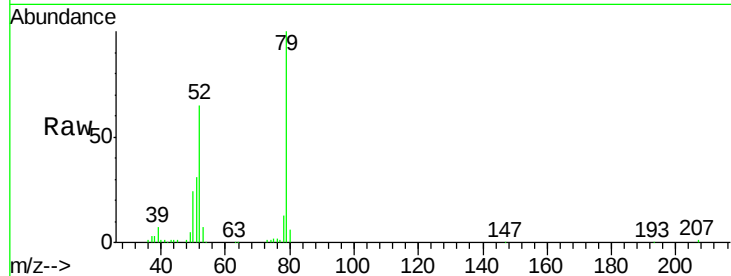
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	79	Resp:	306610
Ion Ratio	Lower	Upper	
79	100		
52	64.9	59.8	89.6
51	31.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 28.830 ng

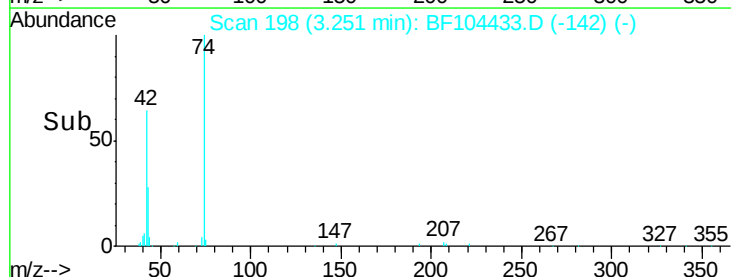
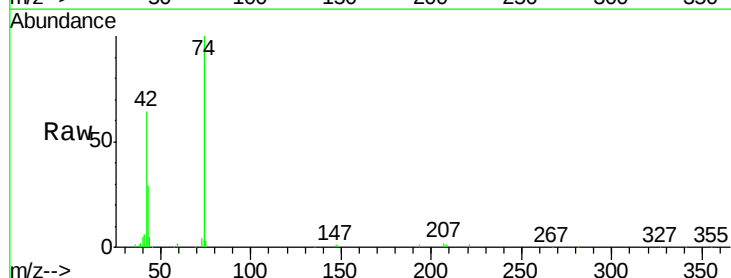
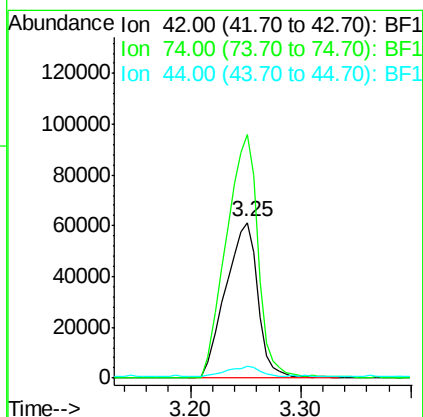
RT: 3.25 min Scan# 198

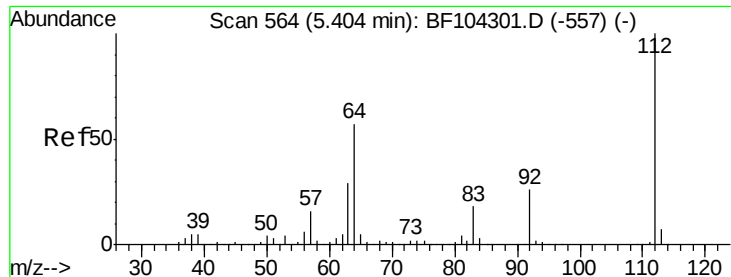
Delta R.T. 0.03 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	42	Resp:	125315
Ion Ratio	Lower	Upper	
42	100		
74	156.6	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 94.372 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

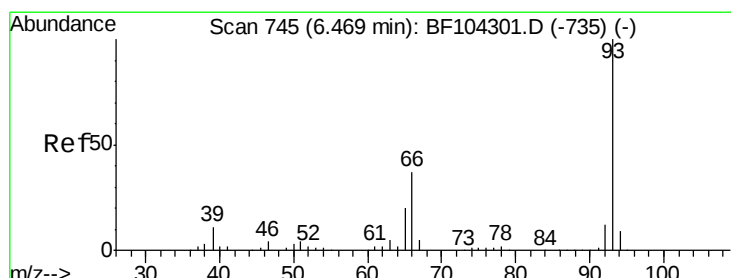
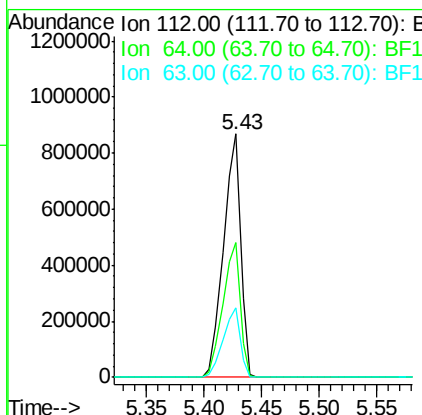
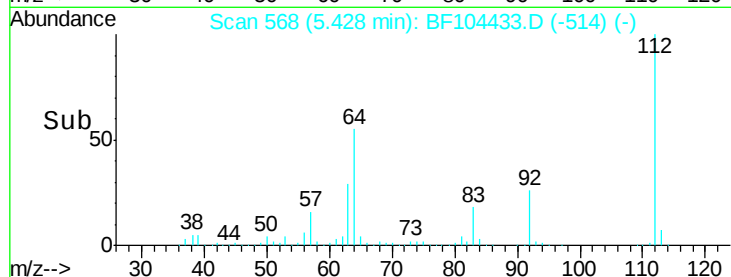
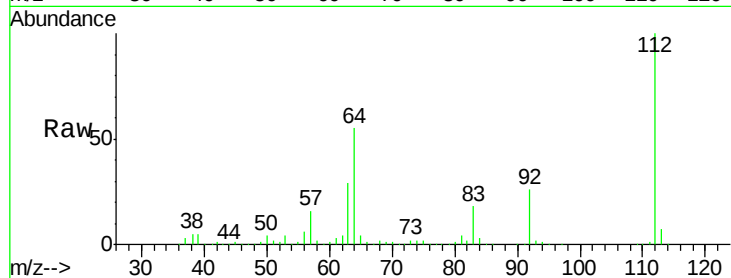
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	112	Resp:	895727
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.9	71.9
63	28.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 9.746 ng

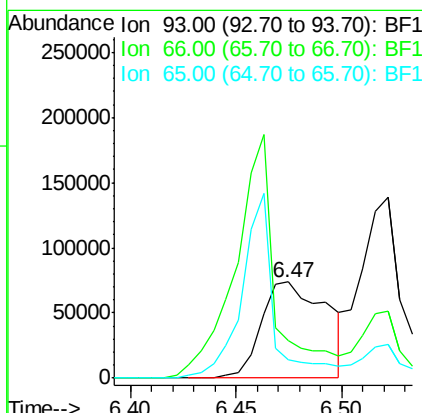
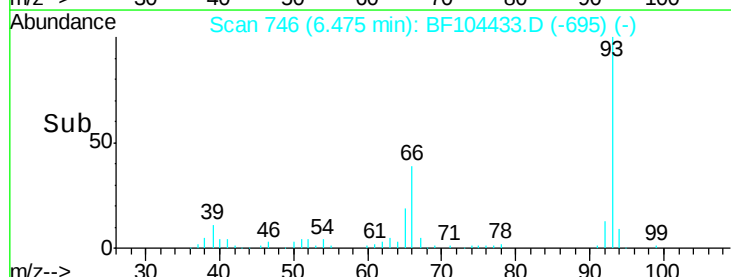
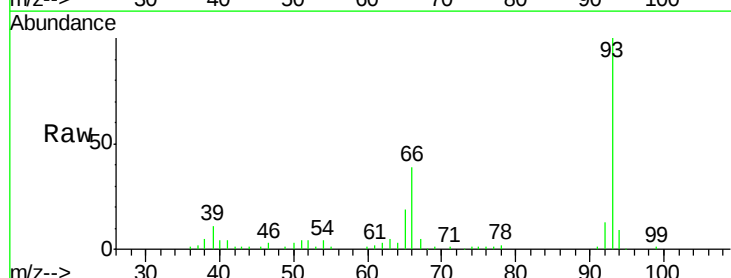
RT: 6.47 min Scan# 746

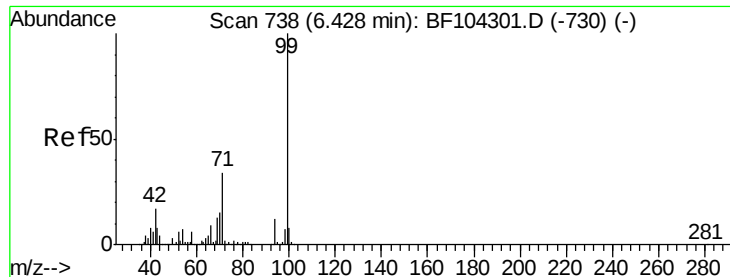
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	93	Resp:	157913
Ion Ratio	Lower	Upper	
93	100		
66	39.2	32.2	48.2
65	19.0	16.4	24.6





#7

Phenol-d6

Concen: 97.902 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

Tot Ion: 99 Resp: 1141727

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

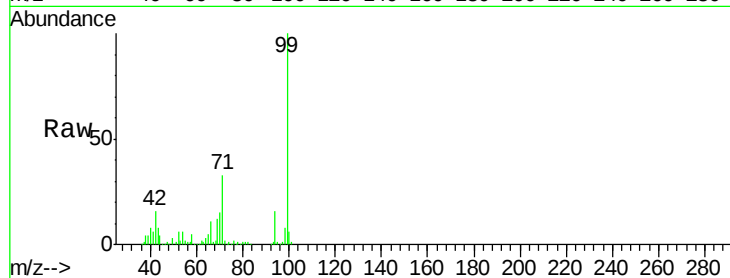
71 32.8 25.4 38.0

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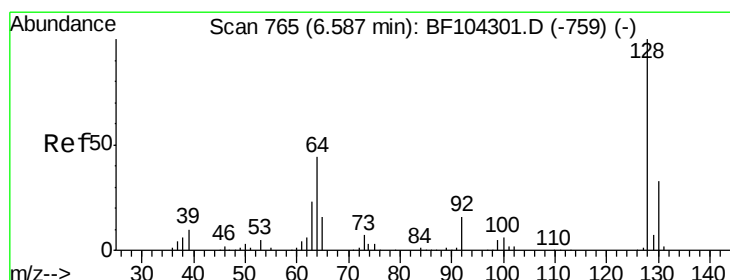
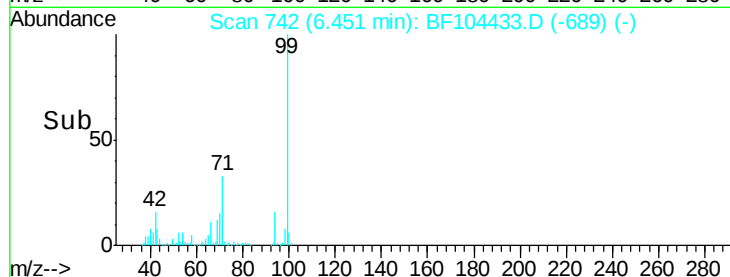
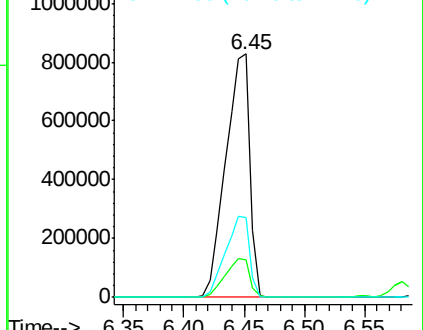
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.213 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

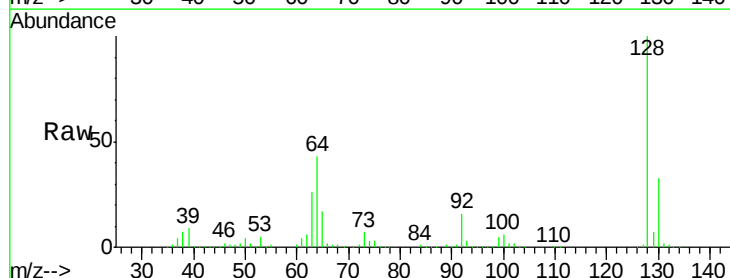
Tgt Ion: 128 Resp: 332730

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

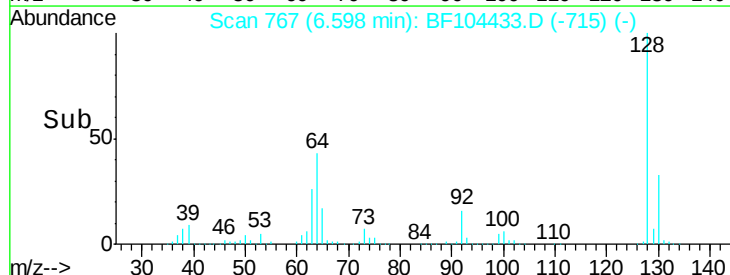
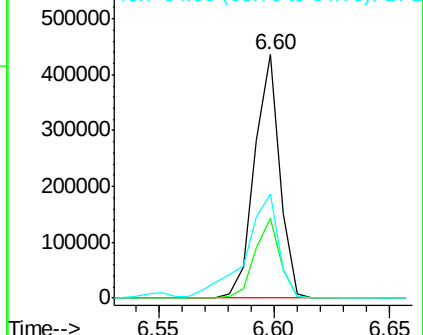
64 42.6 29.4 69.4

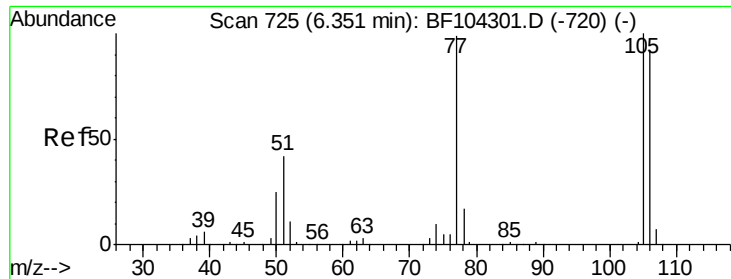


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.036 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

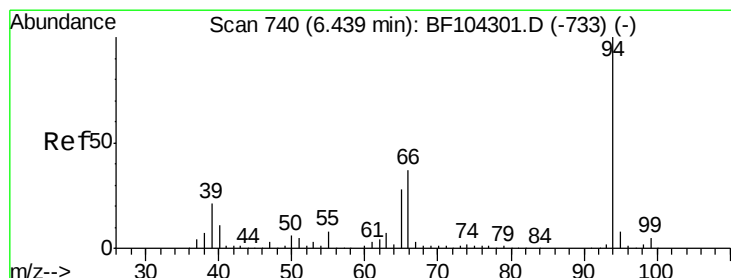
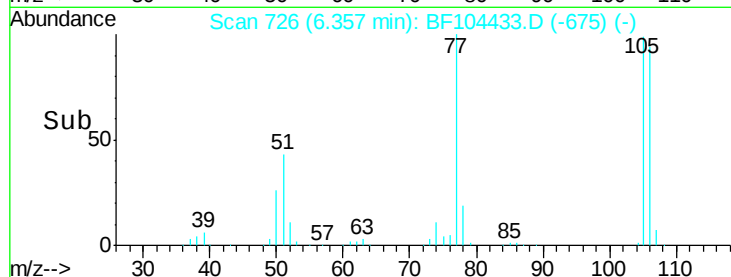
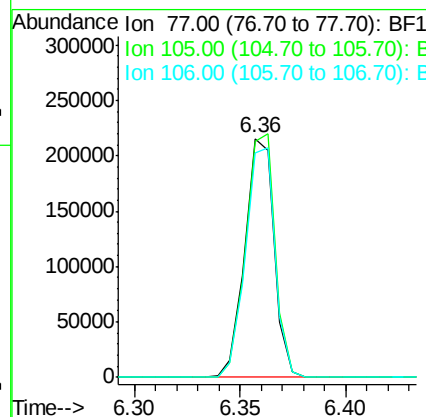
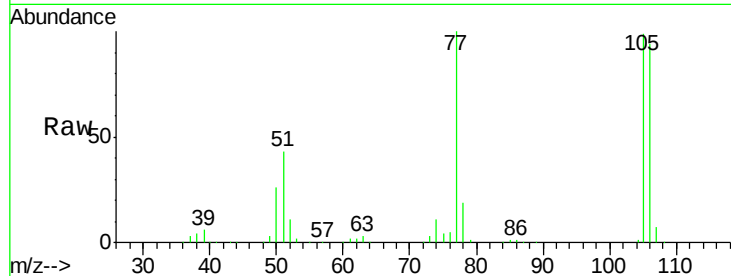
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	77	Resp:	206430
Ion Ratio	Lower	Upper	
77	100		
105	99.0	81.1	121.1
106	94.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.754 ng

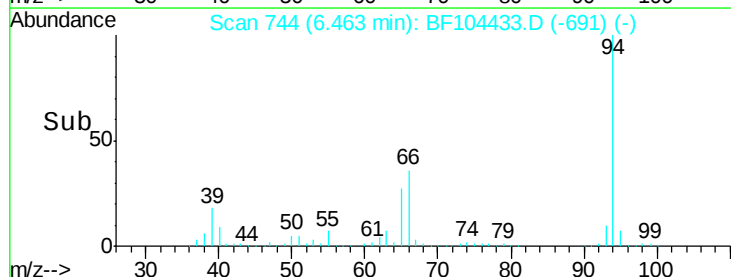
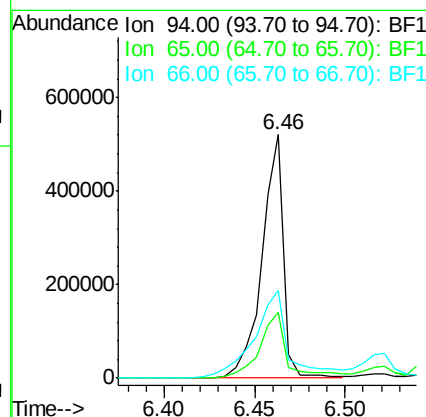
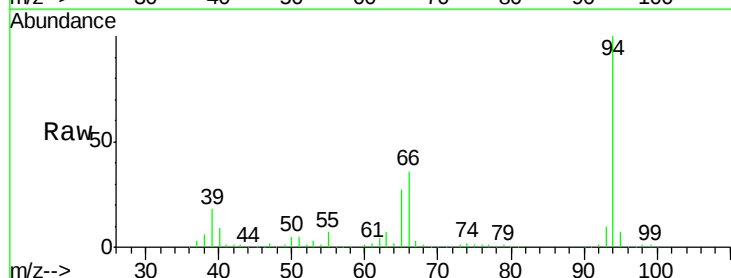
RT: 6.46 min Scan# 744

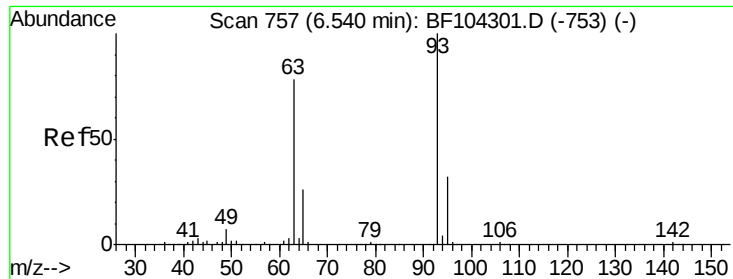
Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	94	Resp:	430033
Ion Ratio	Lower	Upper	
94	100		
65	27.2	7.9	47.9
66	35.9	16.2	56.2





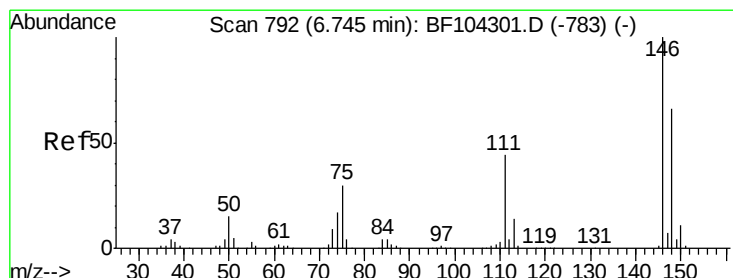
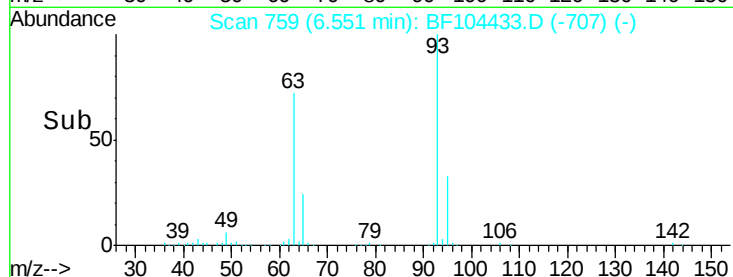
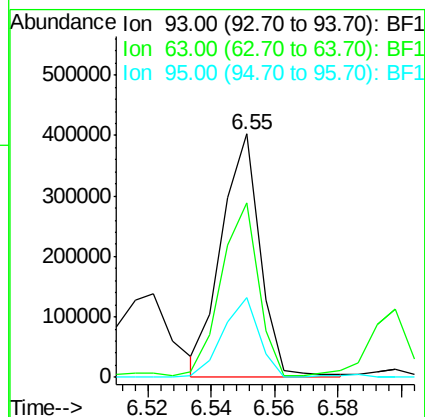
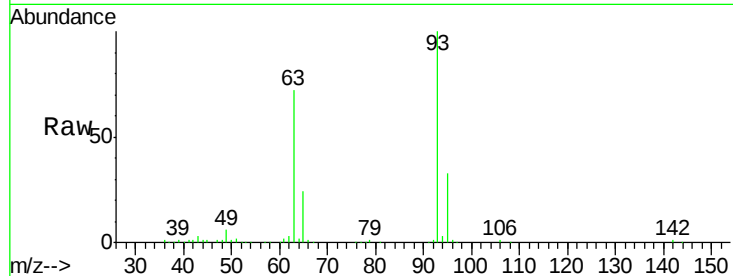
#11
bis(2-Chloroethyl)ether
Concen: 34.339 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:	93	Resp:	339074
Ion Ratio	Lower	Upper	
93	100		
63	71.9	58.6	98.6
95	32.9	11.8	51.8

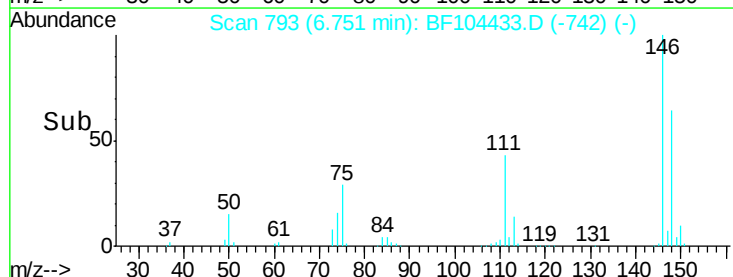
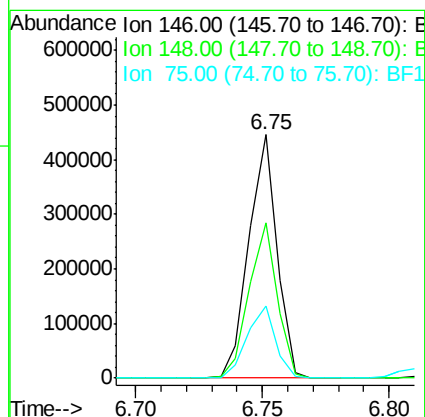
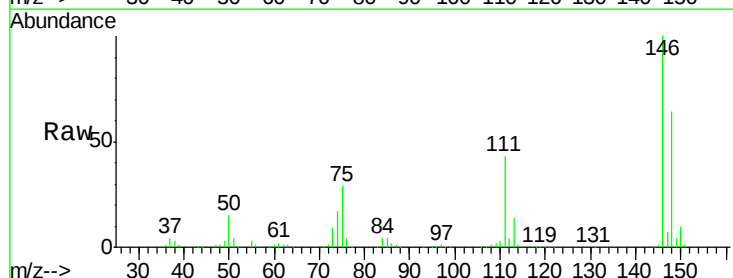
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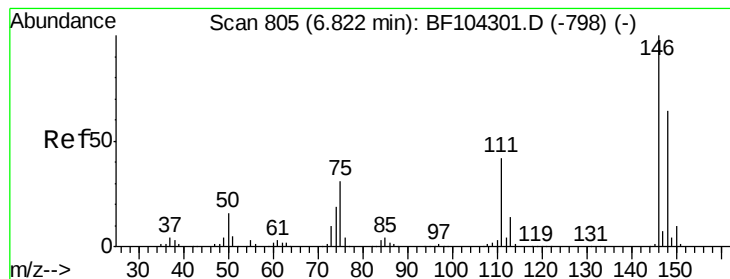
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#12
1,3-Dichlorobenzene
Concen: 30.426 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:	146	Resp:	345317
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.079 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

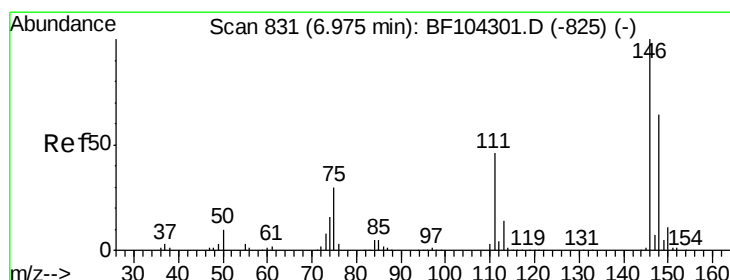
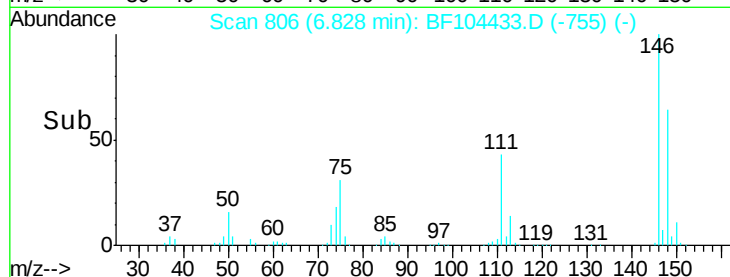
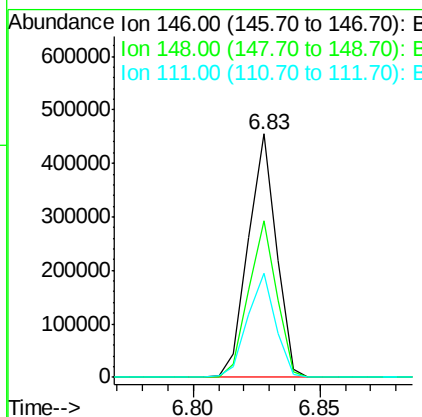
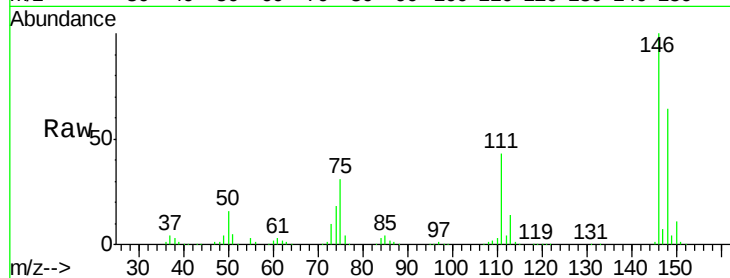
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	146	Resp:	351605
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	42.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.358 ng

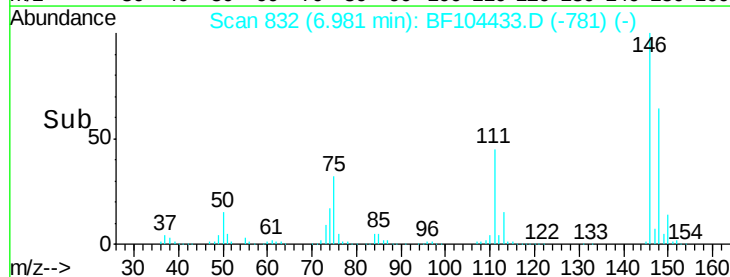
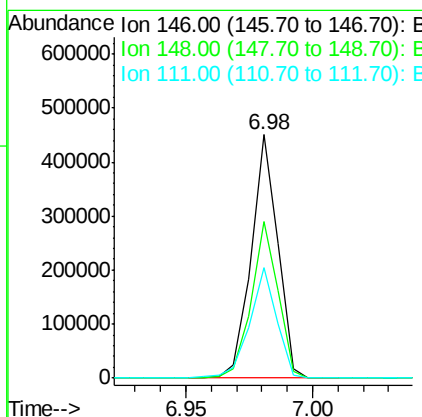
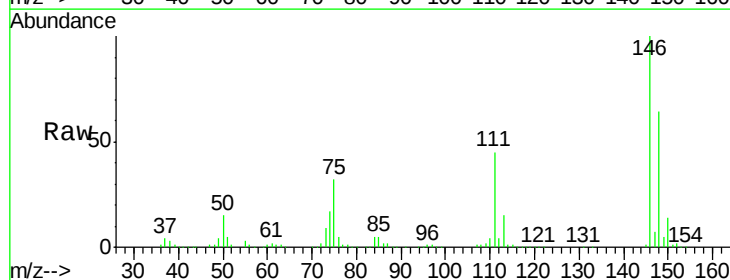
RT: 6.98 min Scan# 832

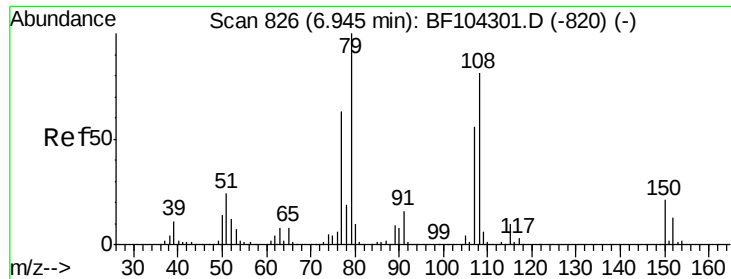
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	146	Resp:	328755
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	45.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.526 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

Tot Ion: 79 Resp: 288099

Ion Ratio Lower Upper

79 100

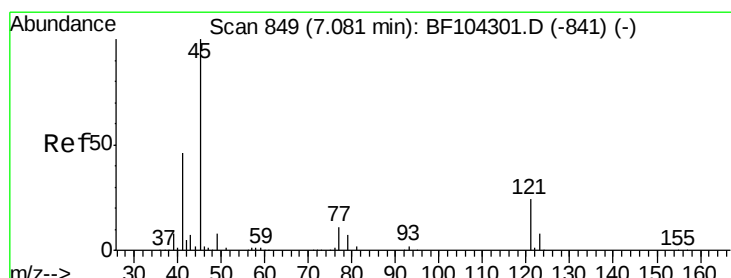
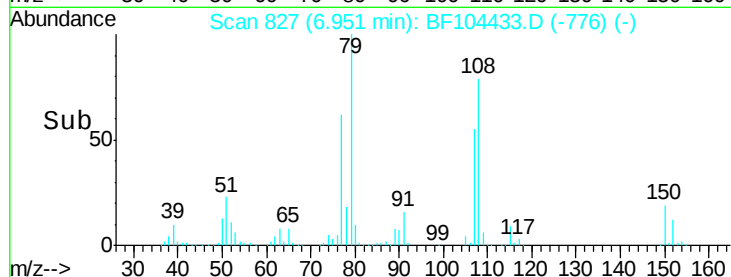
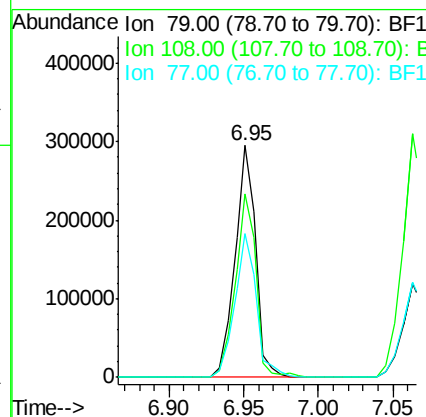
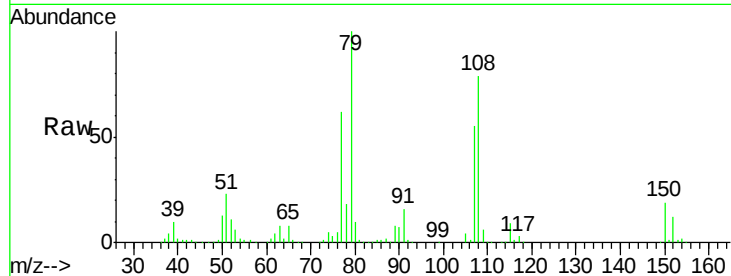
108 79.1 65.1 97.7

77 61.8 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.163 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

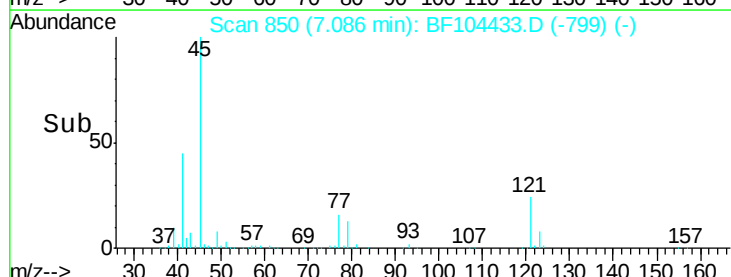
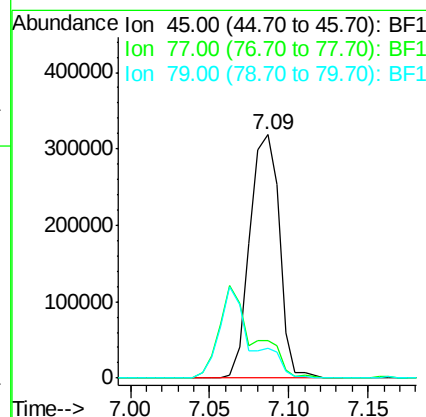
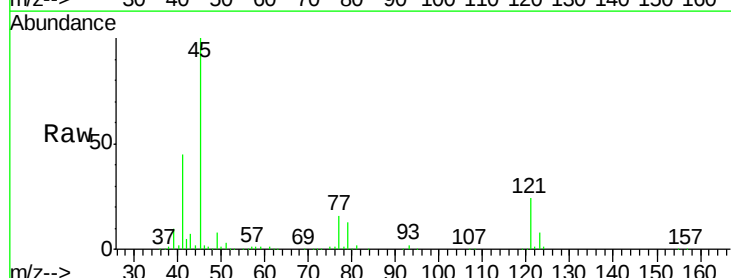
Tgt Ion: 45 Resp: 413245

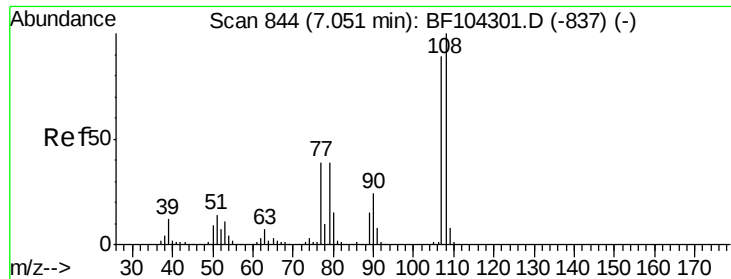
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

79 12.5 0.0 29.6





#17

2-Methylphenol

Concen: 32.040 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

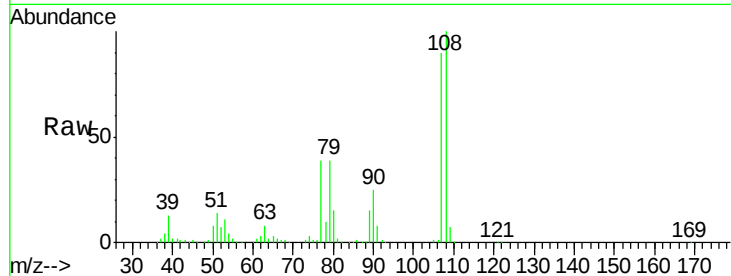
ClientSampleId :

P004-S003-0001-01MSD

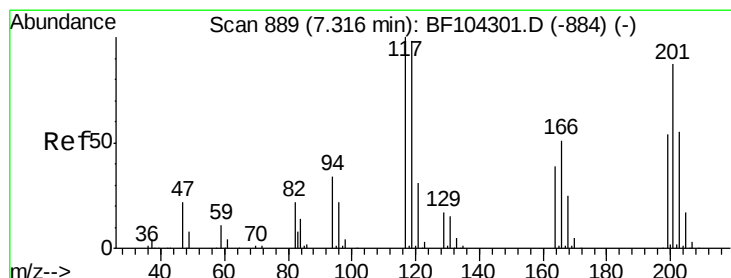
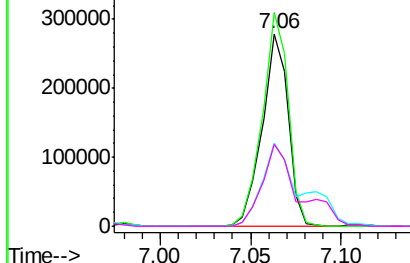
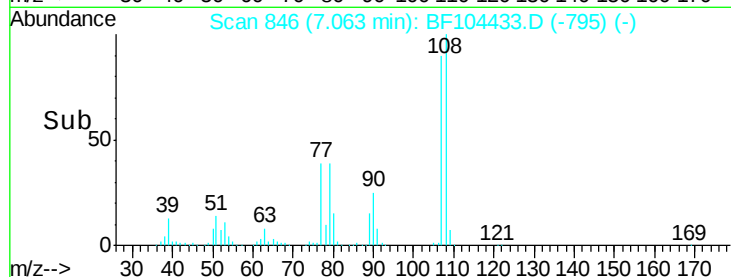
Tot Ion:	107	Resp:	279007
Ion Ratio	Lower	Upper	
107	100		
108	111.0	91.7	137.5
77	43.6	33.8	50.8
79	42.8	33.8	50.8

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.264 ng

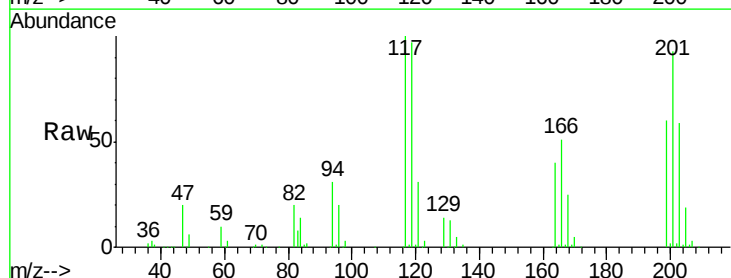
RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

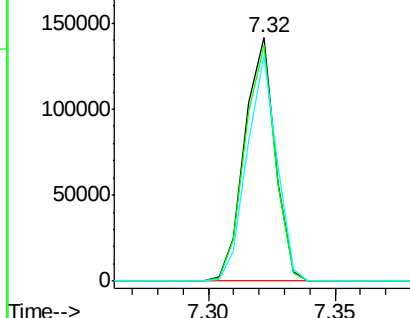
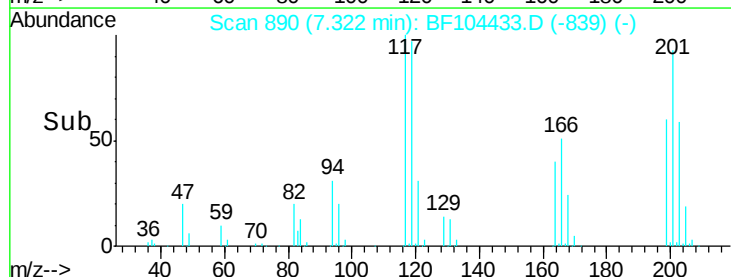
Lab File: BF104433.D

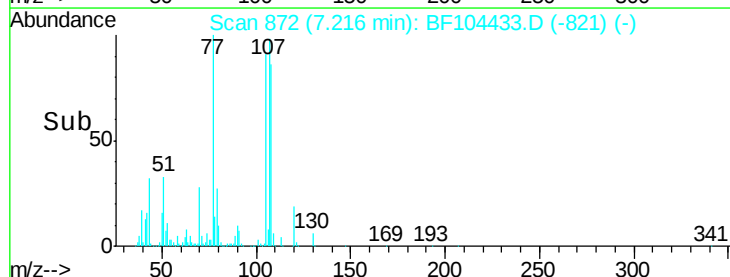
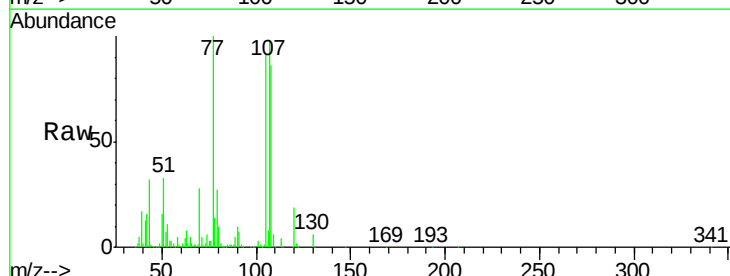
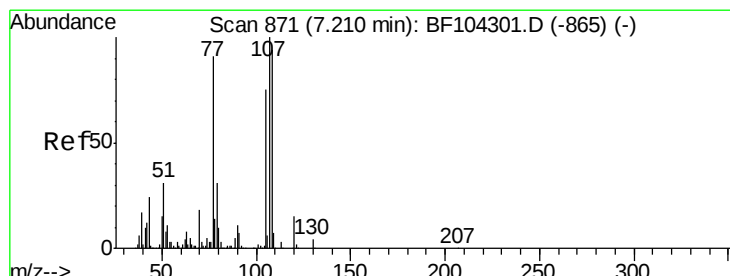
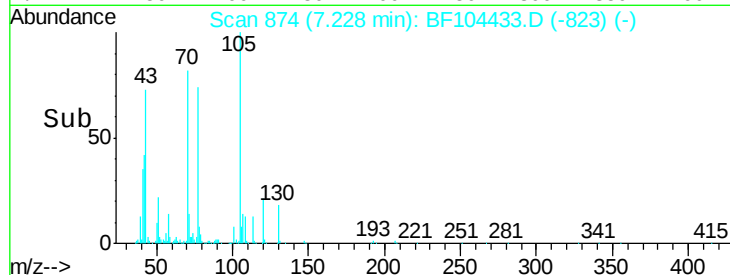
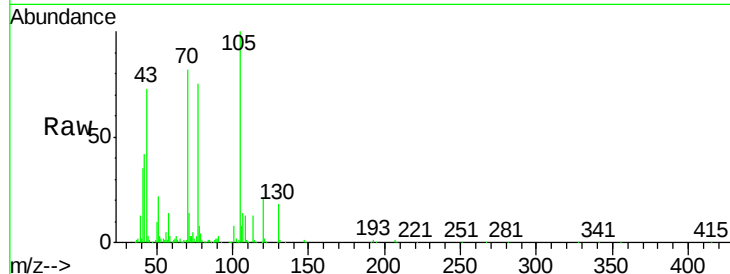
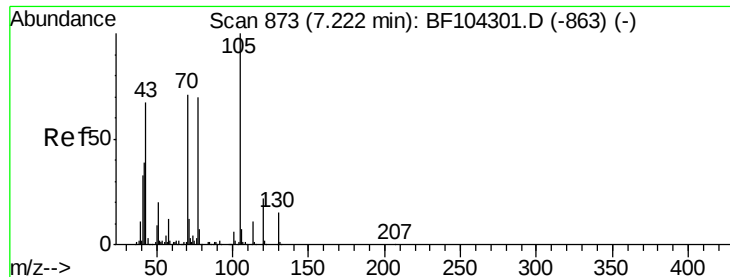
Acq: 11 Apr 2018 13:03

Tgt Ion:	117	Resp:	118039
Ion Ratio	Lower	Upper	
117	100		
119	96.7	75.8	113.8
201	92.9	75.7	113.5



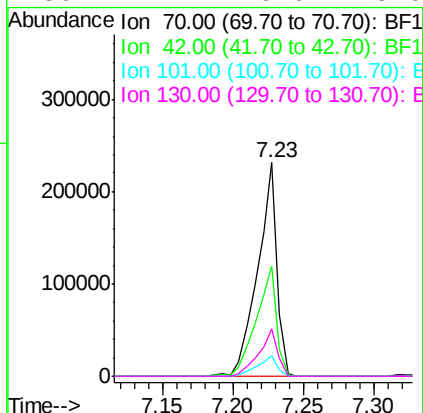
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 29.460 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	9.7	7.4	11.2
130	22.1	16.6	25.0



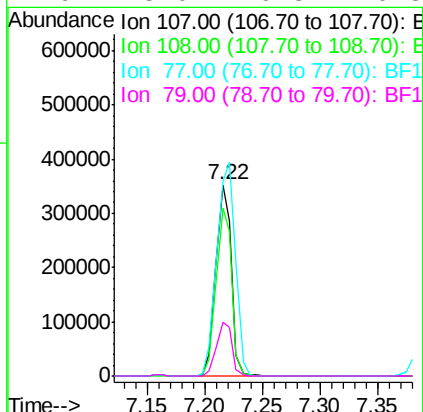
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

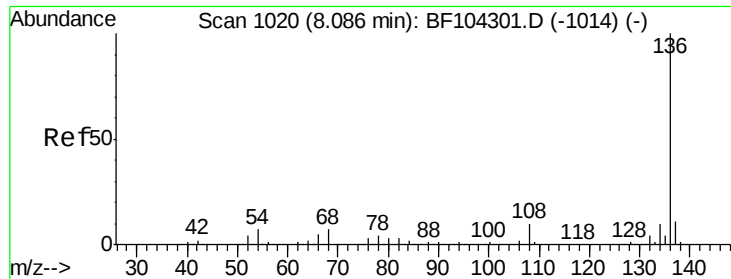
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#20
3+4-Methylphenols
Concen: 30.409 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	101.8	26.7	66.7#
79	28.0	6.3	46.3





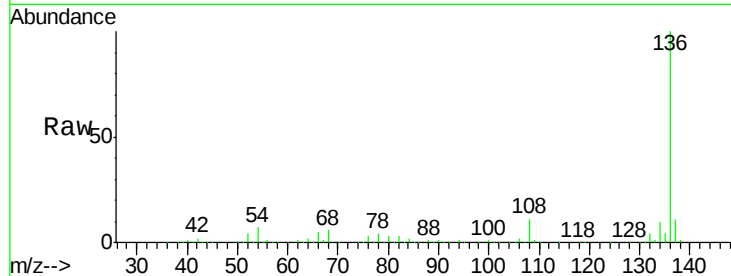
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

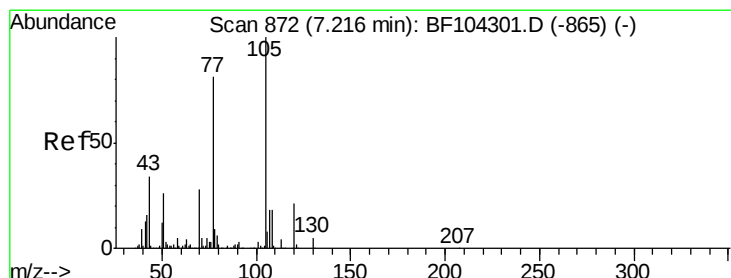
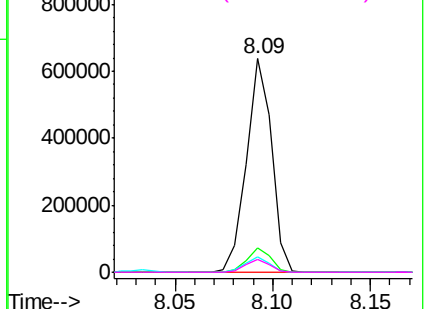
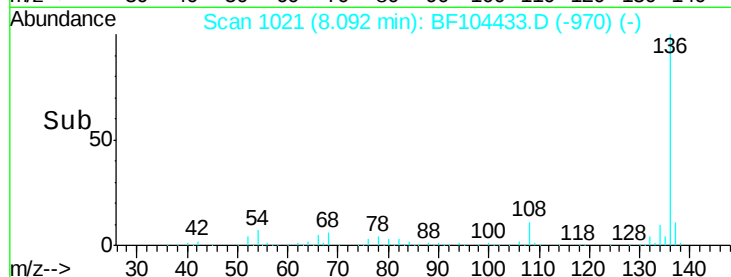
Tot Ion	Ratio	Resp	Lower	Upper
136	100	569585		
137	11.2		8.9	13.3
54	7.2		6.6	9.8
68	6.2		5.0	7.4

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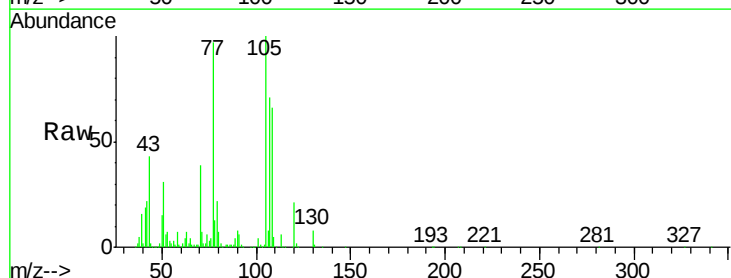


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

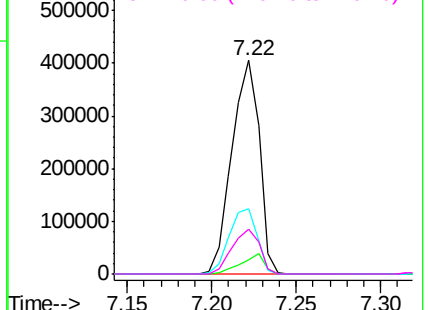
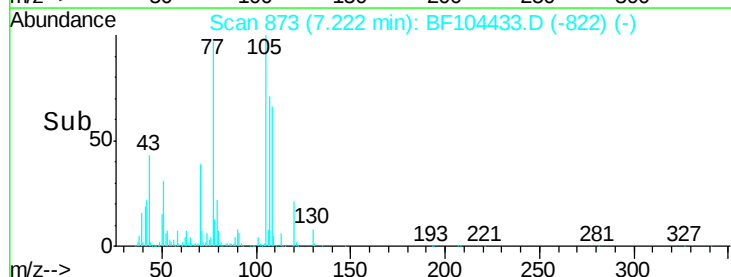


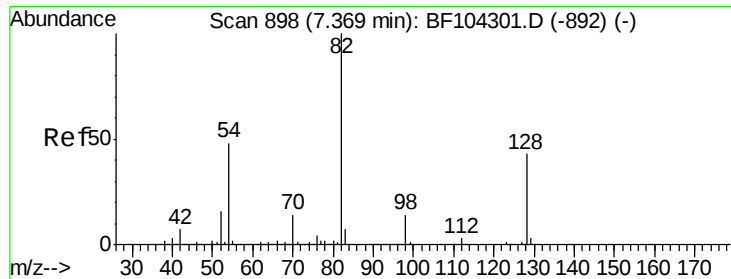
#22
Acetophenone
Concen: 32.662 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	458009		
71	6.5		4.4	6.6
51	30.8		22.3	33.5
120	21.1		16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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





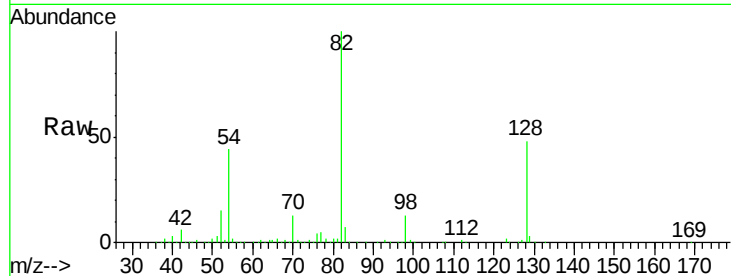
#23
 Nitrobenzene-d5
 Concen: 79.736 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

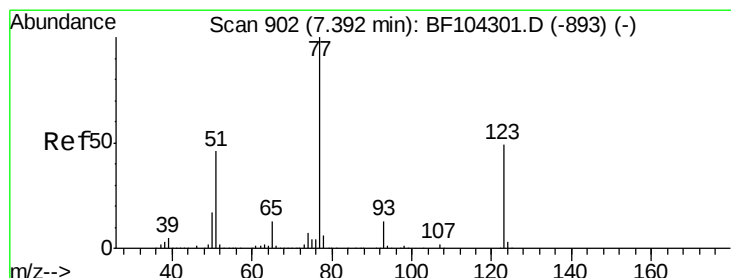
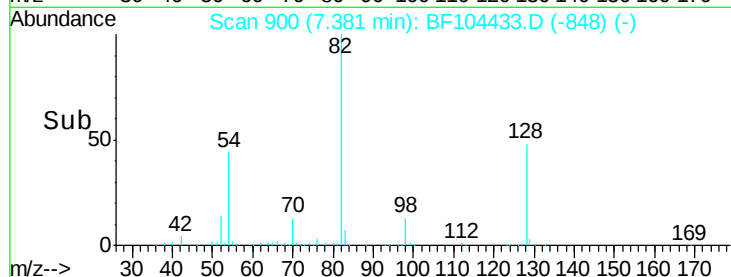
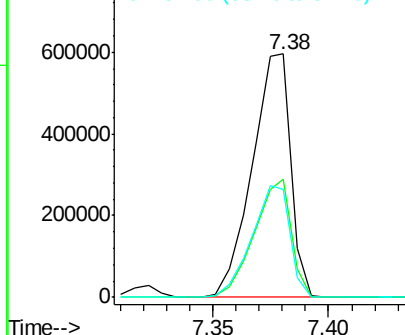
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	44.2	41.4	62.2

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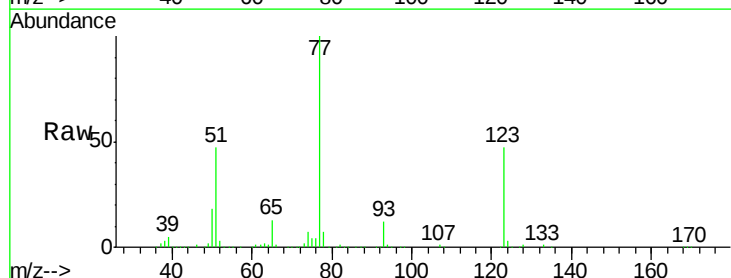


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

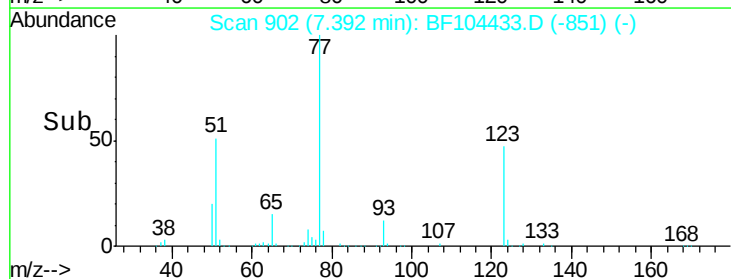
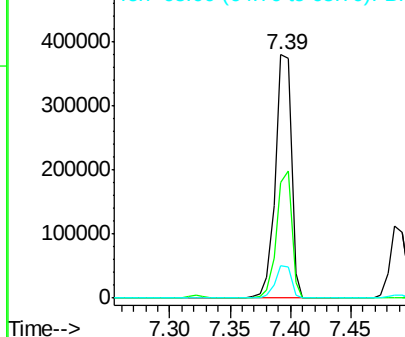


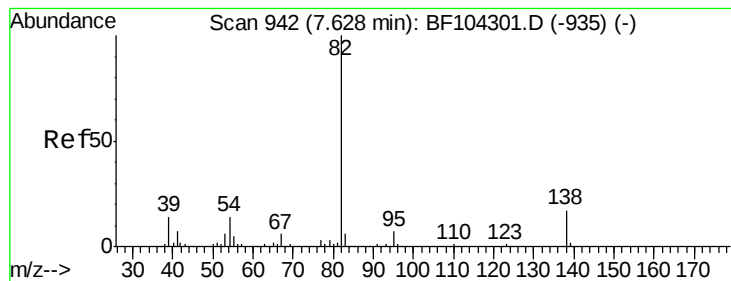
#24
 Nitrobenzene
 Concen: 36.167 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.9	56.9
65	13.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.742 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

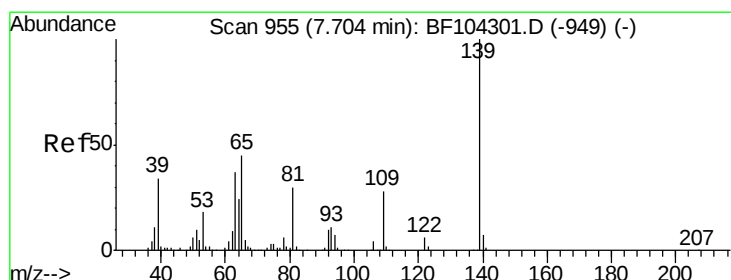
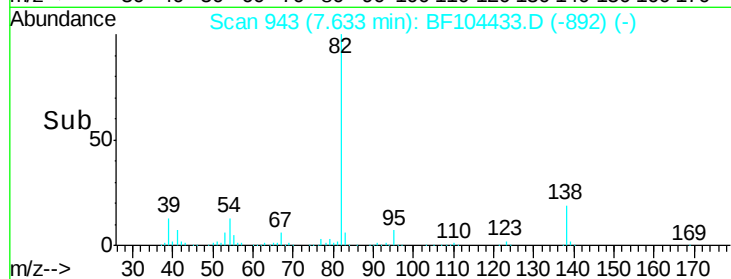
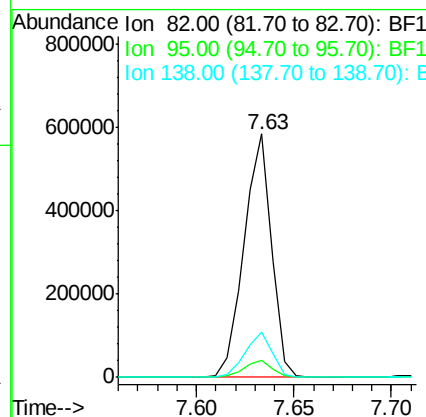
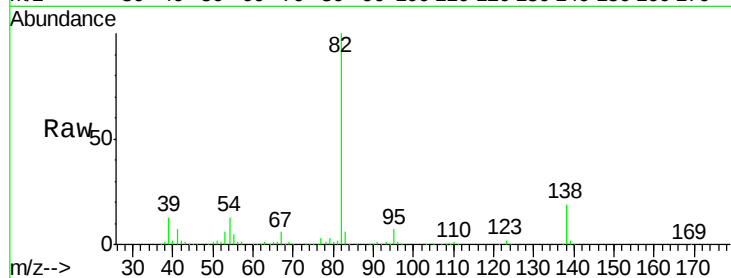
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	82	Resp:	567054
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 47.175 ng

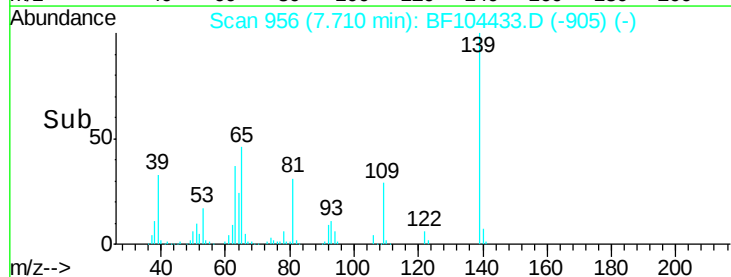
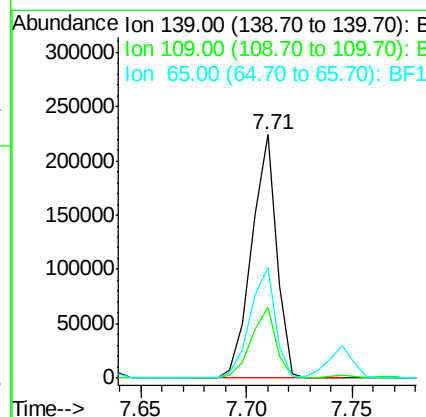
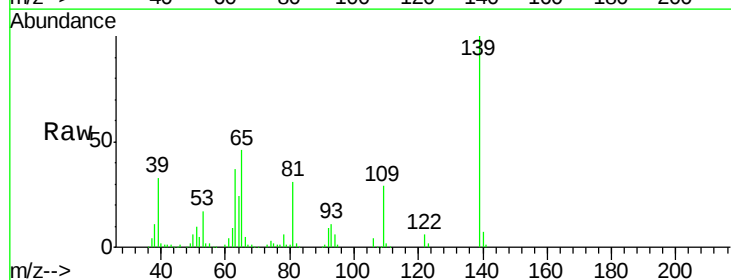
RT: 7.71 min Scan# 956

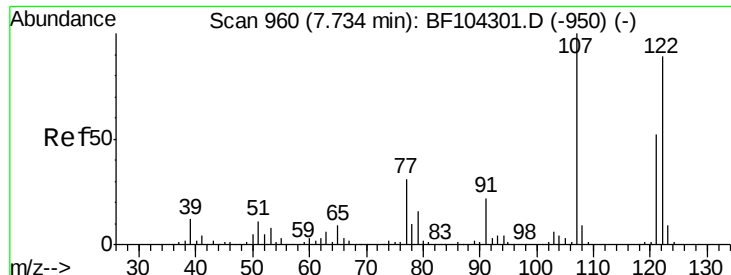
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	139	Resp:	184958
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	45.6	40.5	60.7





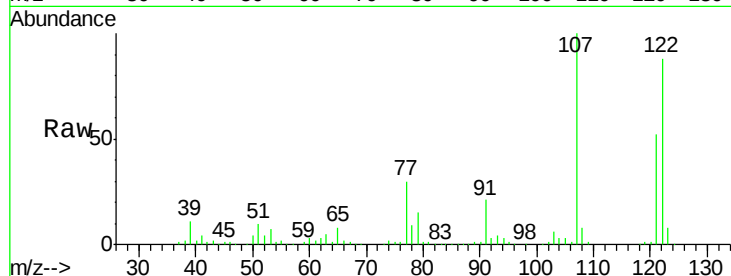
#27
2,4-Dimethylphenol
Concen: 33.026 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.2	136.8
121	58.8	47.2	70.8

Manual Integrations
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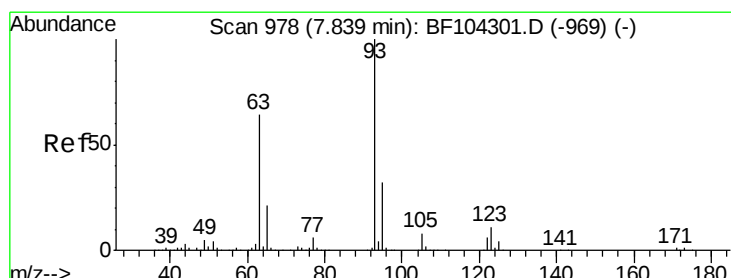
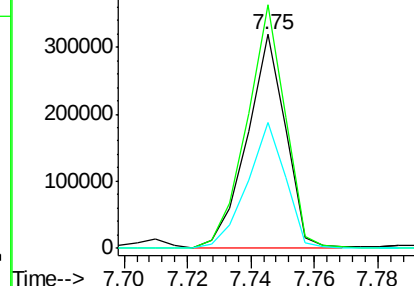
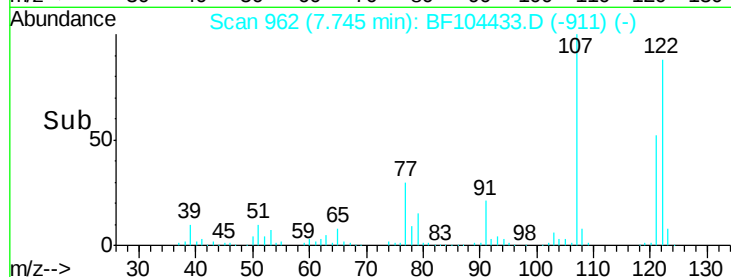


Abundance

Ion 122.00 (121.70 to 122.70): E

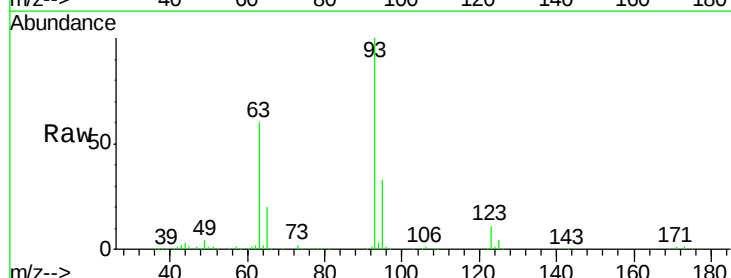
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 34.545 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6

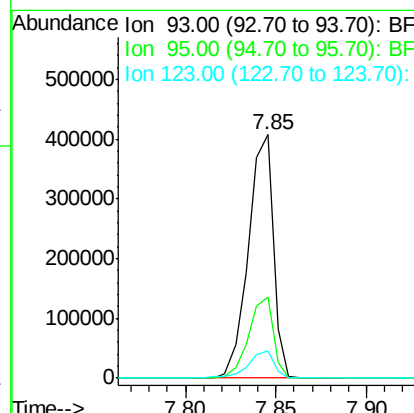
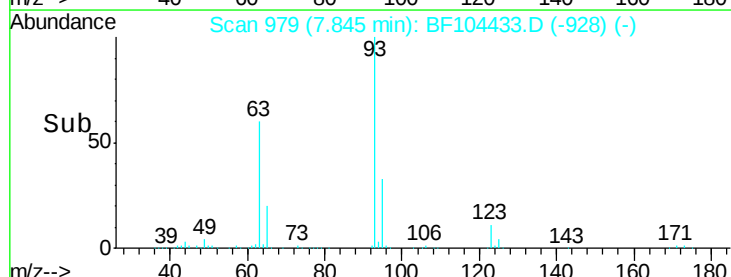


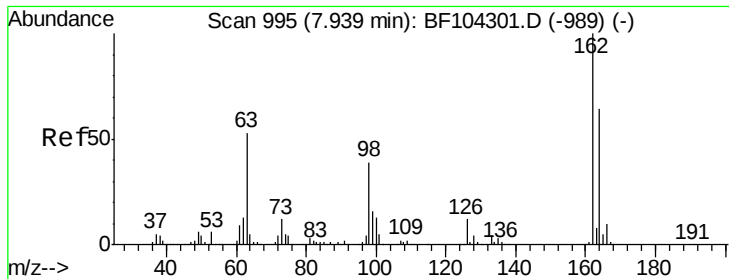
Abundance

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





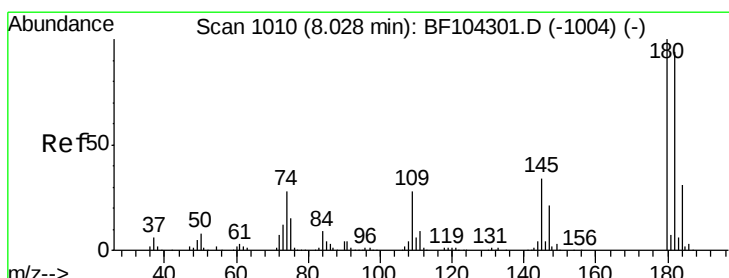
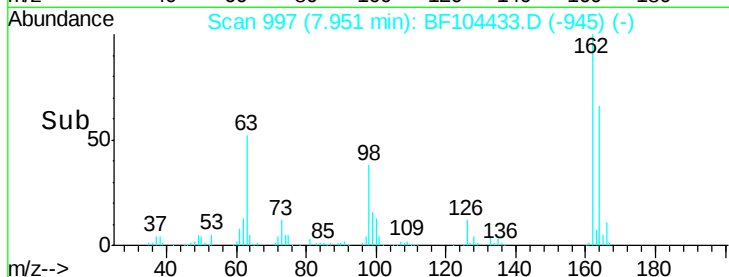
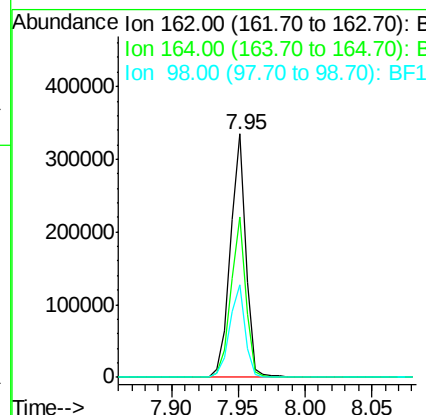
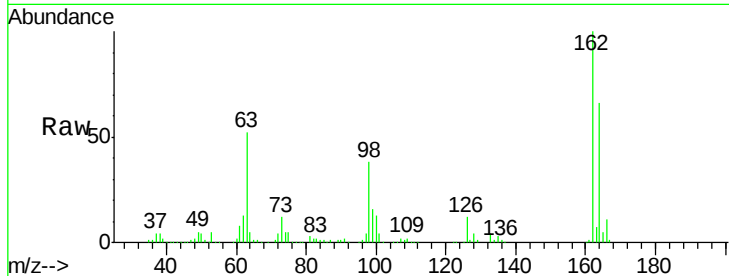
#29
2,4-Dichlorophenol
Concen: 35.527 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	275956		
164	65.9	42.7	82.7	
98	37.9	18.1	58.1	

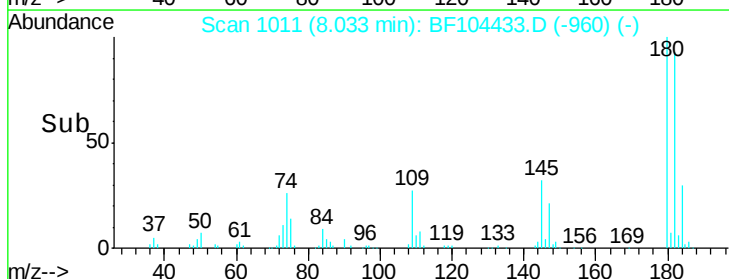
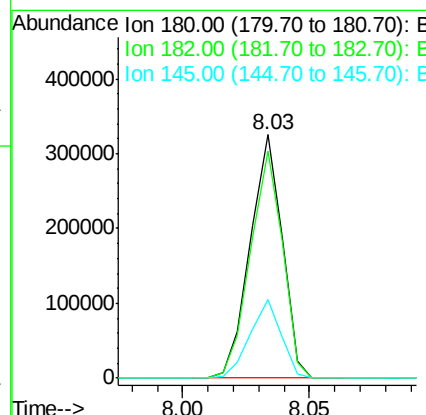
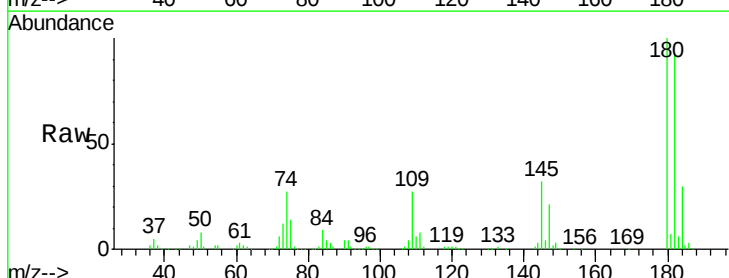
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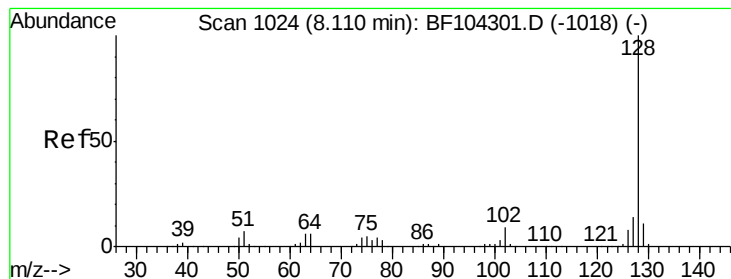
Sohil
4/12/2018 2:30:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 33.714 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	287392		
182	93.3	76.8	115.2	
145	32.4	26.5	39.7	





#31

Naphthalene

Concen: 31.169 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

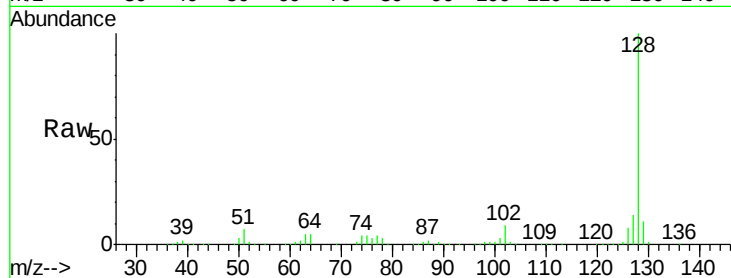
ClientSampleId :

P004-S003-0001-01MSD

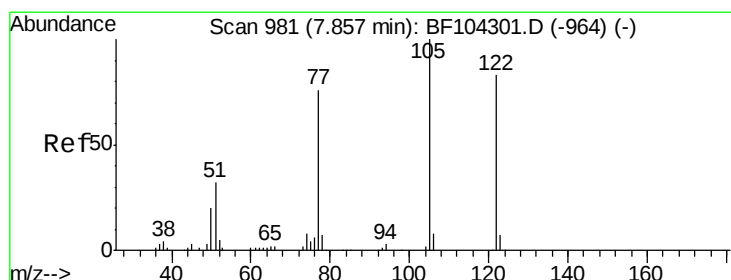
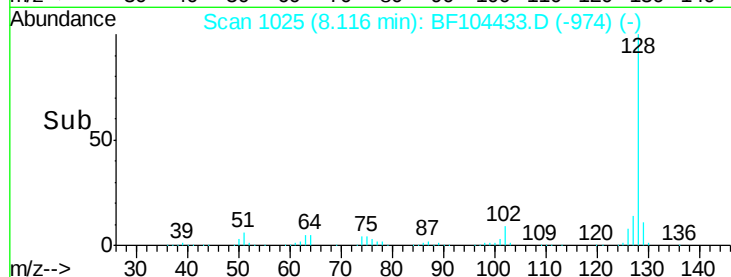
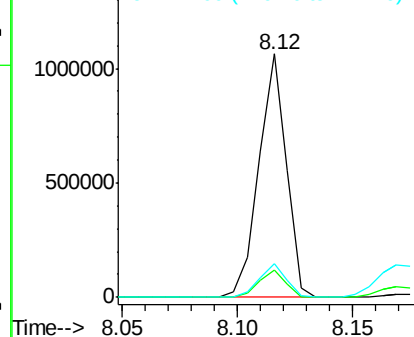
Tot Ion:128	Resp:	884019
Ion Ratio	Lower	Upper
128	100	
129	11.4	8.8 13.2
127	13.8	10.9 16.3

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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: 7.456 ng

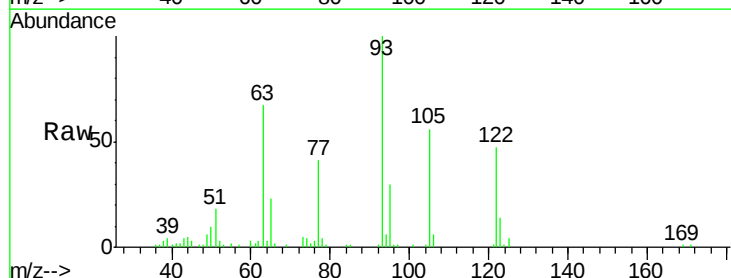
RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

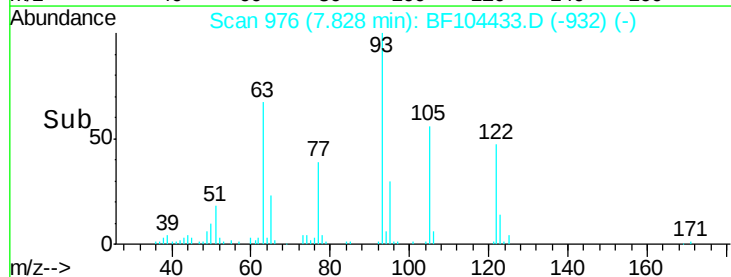
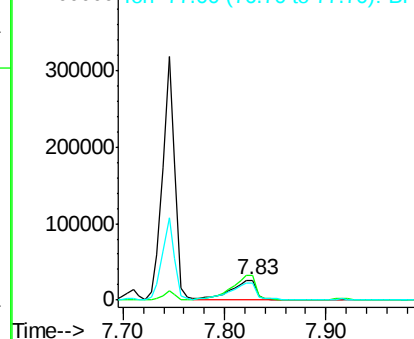
Lab File: BF104433.D

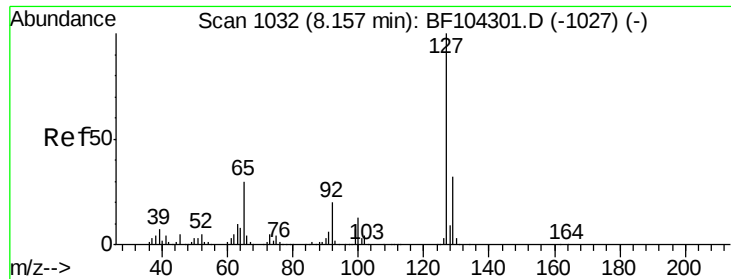
Acq: 11 Apr 2018 13:03

Tgt Ion:122	Resp:	48430
Ion Ratio	Lower	Upper
122	100	
105	119.8	101.1 141.1
77	87.1	70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





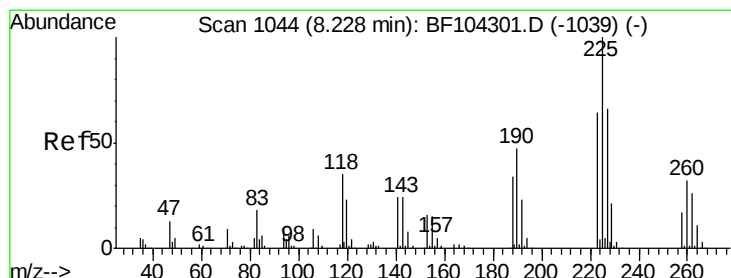
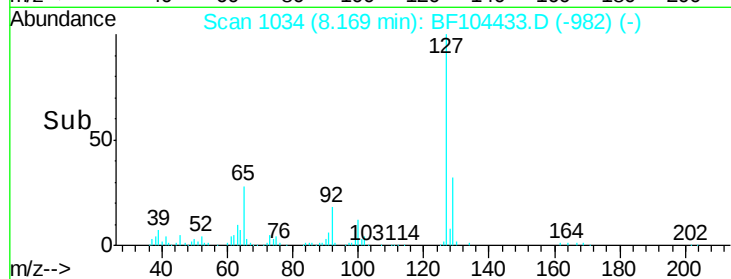
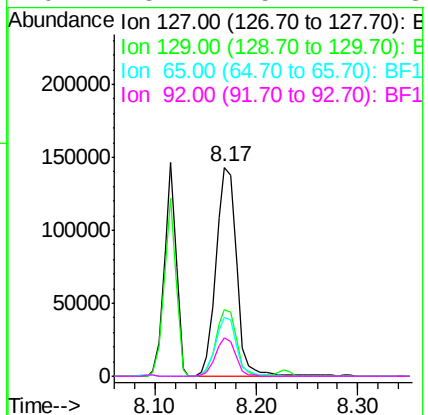
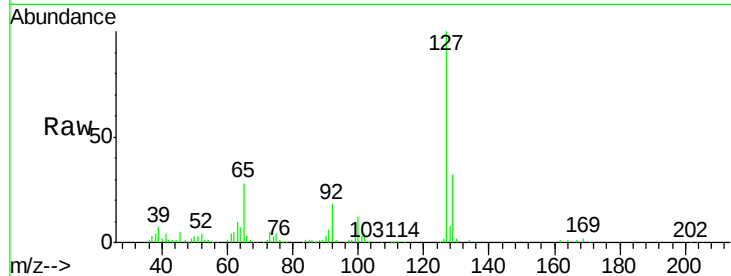
#33
4-Chloroaniline
Concen: 16.511 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		200628		
129	32.0	25.9	38.9		
65	28.4	25.0	37.4		
92	18.2	15.2	22.8		

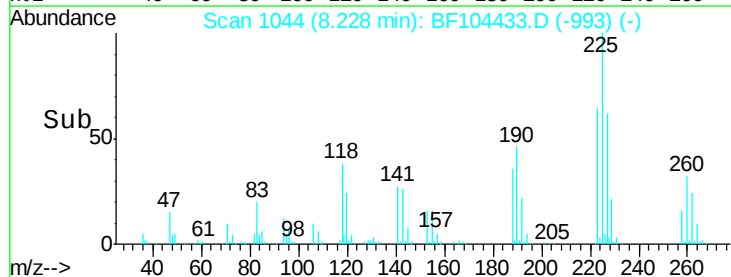
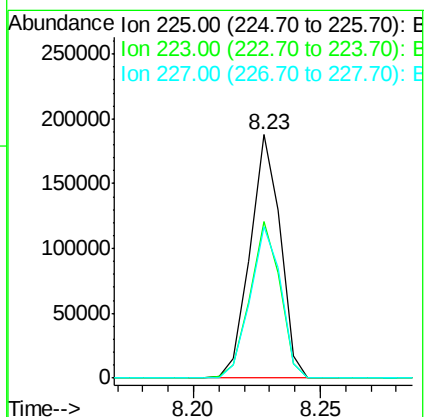
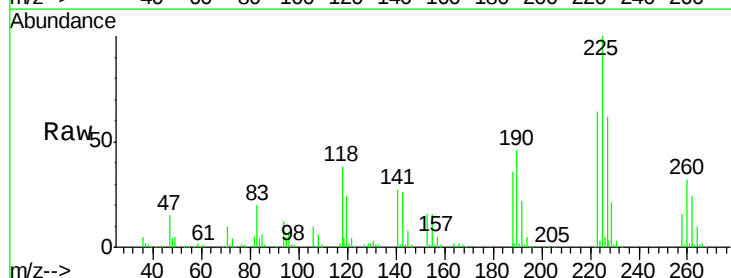
Manual Integrations
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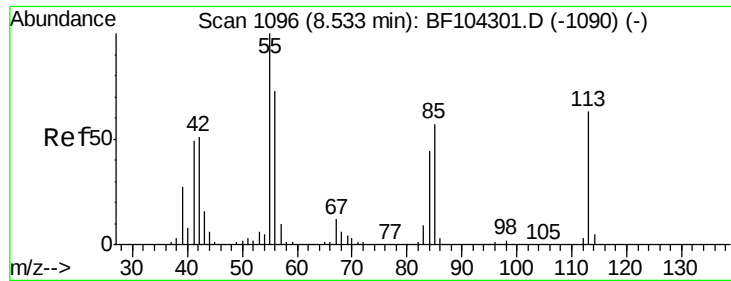
Sohil
4/12/2018 2:30:30 PM



#34
Hexachlorobutadiene
Concen: 33.382 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		155868		
223	64.5	50.6	76.0		
227	62.4	51.9	77.9		





#35

Caprolactam

Concen: 33.509 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

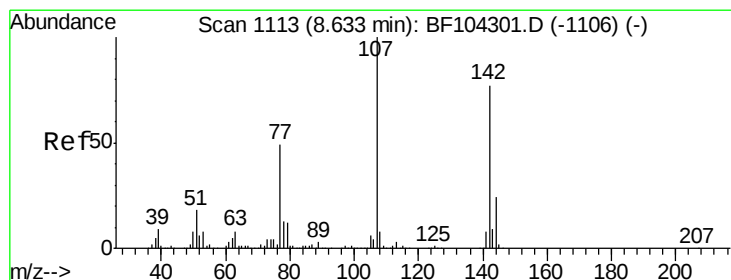
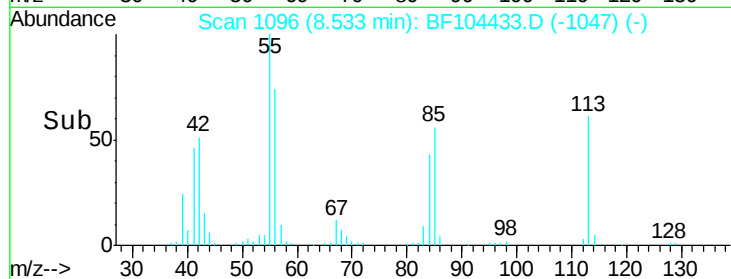
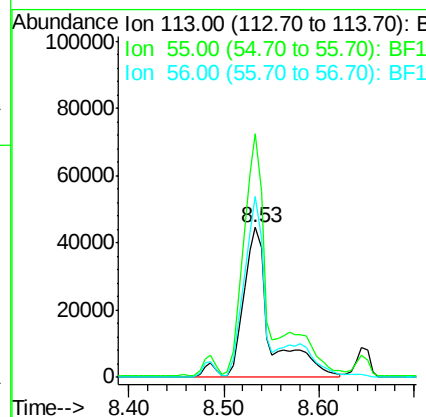
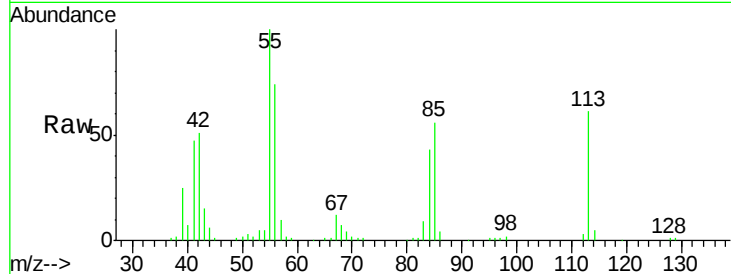
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	113	Resp:	90797
Ion Ratio	Lower	Upper	
113	100		
55	162.6	163.3	203.3#
56	121.0	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 36.204 ng/mL

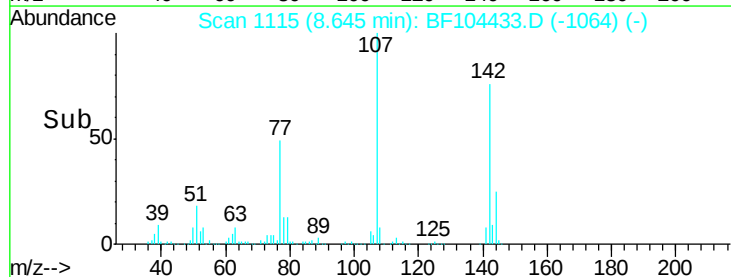
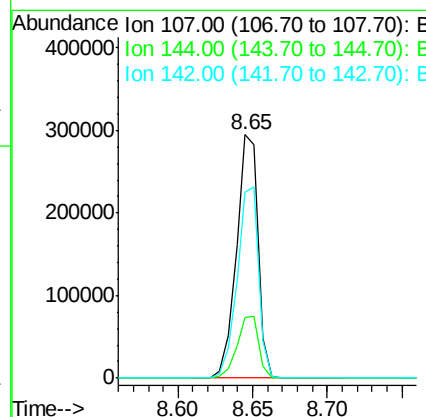
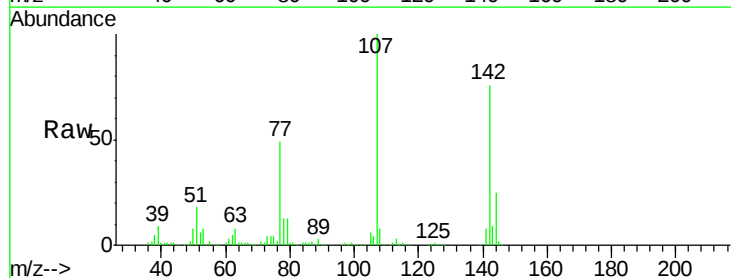
RT: 8.65 min Scan# 1115

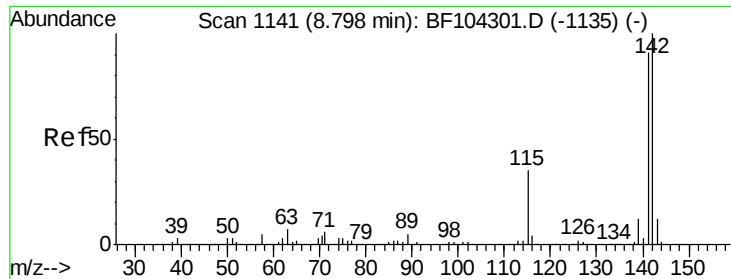
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	107	Resp:	301535
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.5	30.7
142	76.2	62.0	93.0





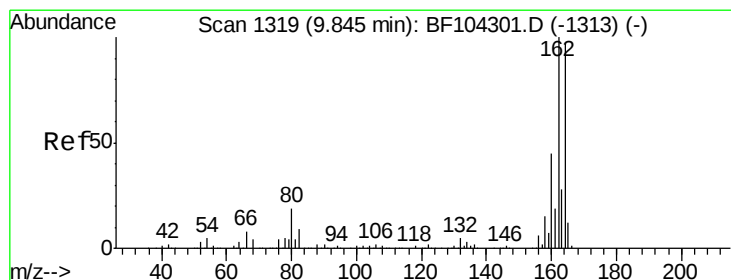
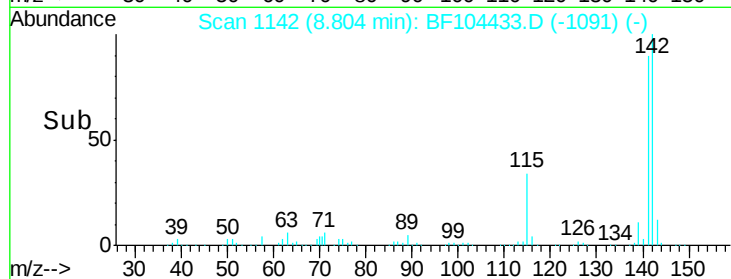
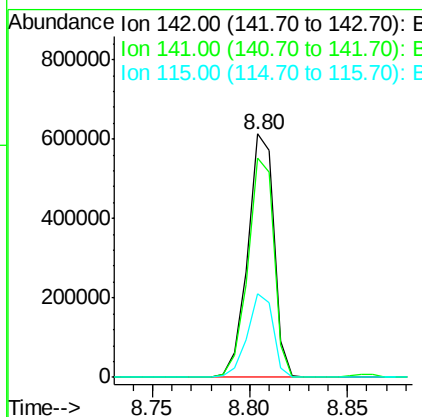
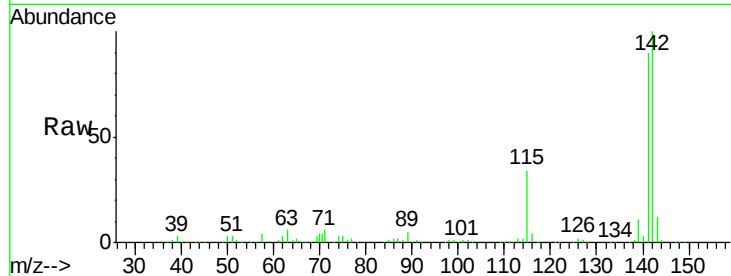
#37
2-Methylnaphthalene
Concen: 31.119 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.1	26.1	39.1

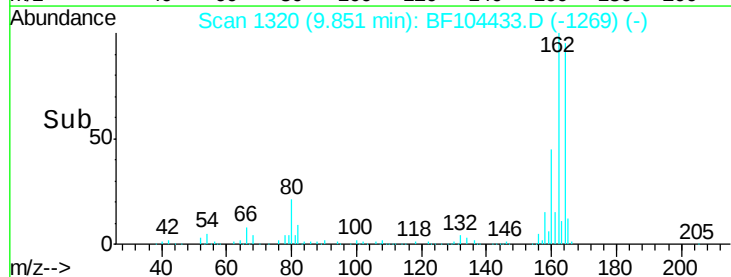
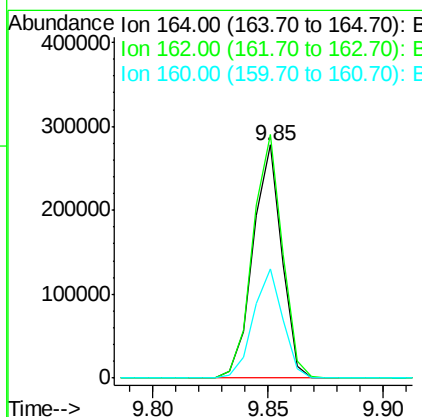
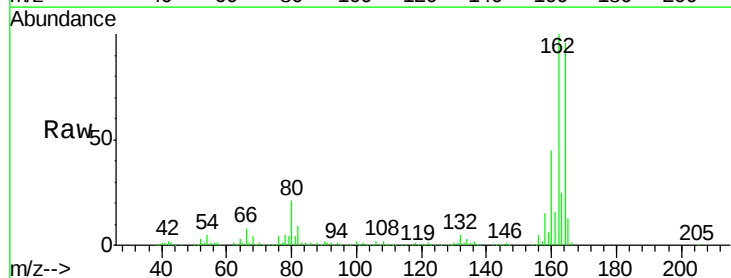
Manual Integrations
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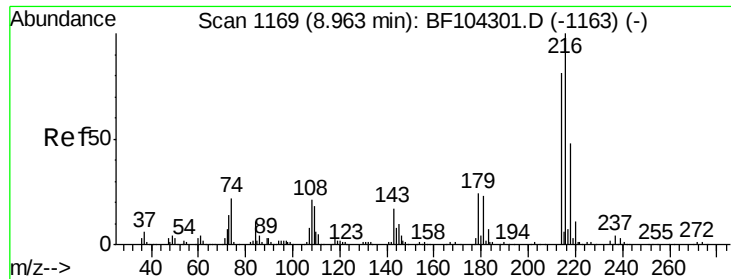
Sohil
4/12/2018 2:30:30 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.6	38.3	57.5





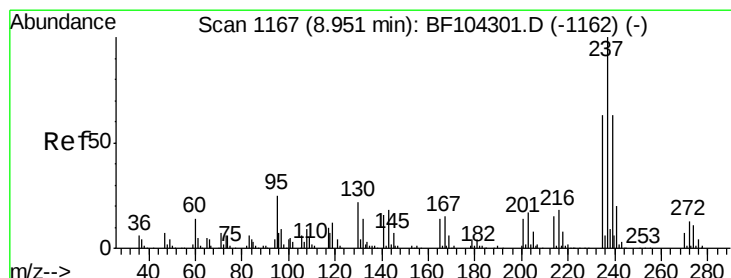
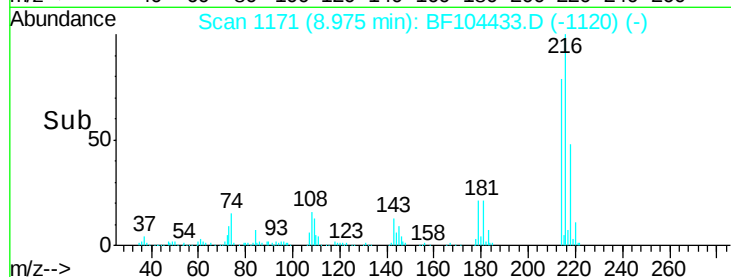
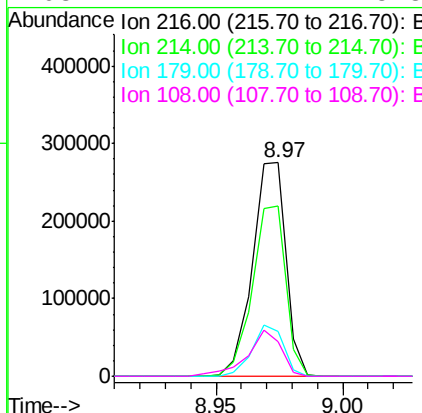
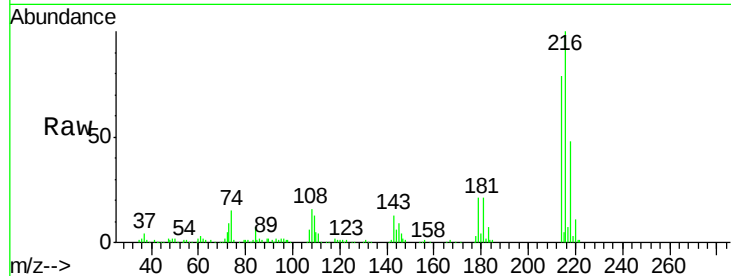
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.797 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		255249		
214	79.2	63.0	94.4		
179	22.5	18.1	27.1		
108	21.7	17.2	25.8		

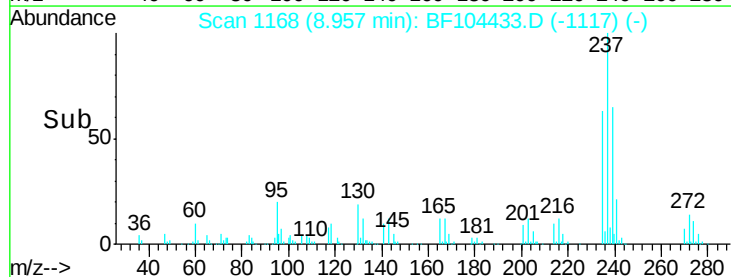
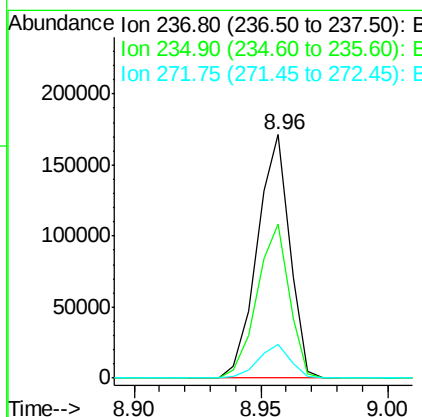
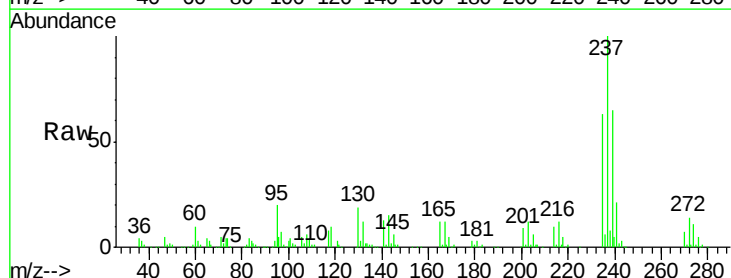
Manual Integrations
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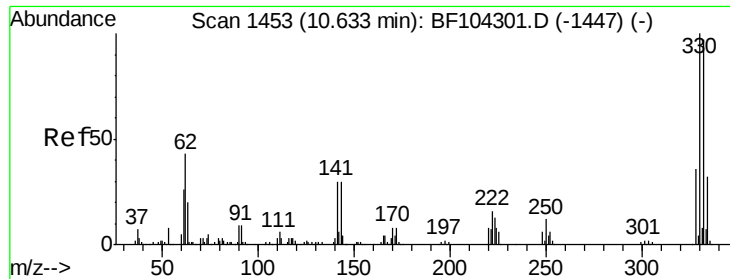
Sohil
 4/12/2018 2:30:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.473 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		153291		
235	63.1	44.8	84.8		
272	14.1	0.0	33.3		





#41

2,4,6-Tribromophenol

Concen: 105.991 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

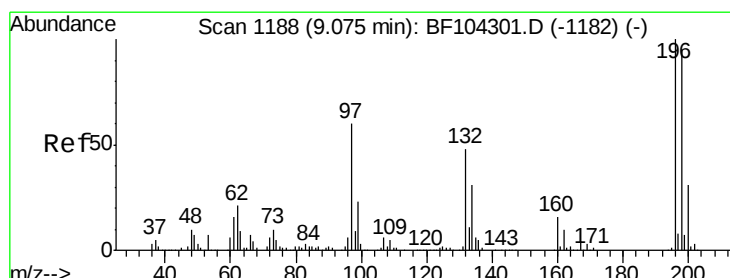
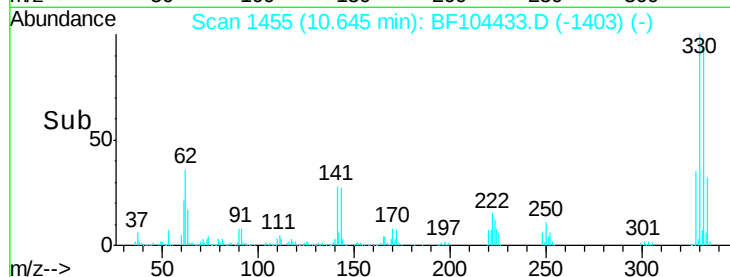
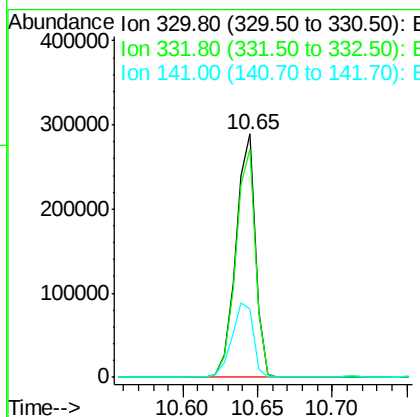
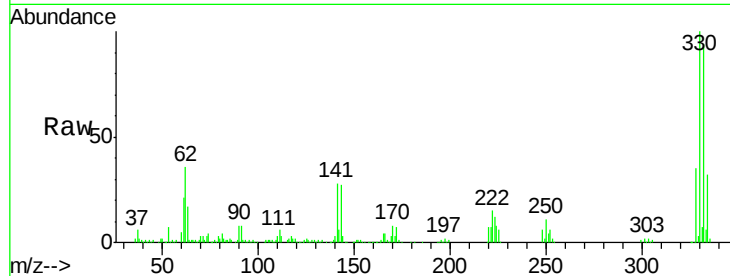
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	330	Resp:	266430
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	33.4	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 40.111 ng

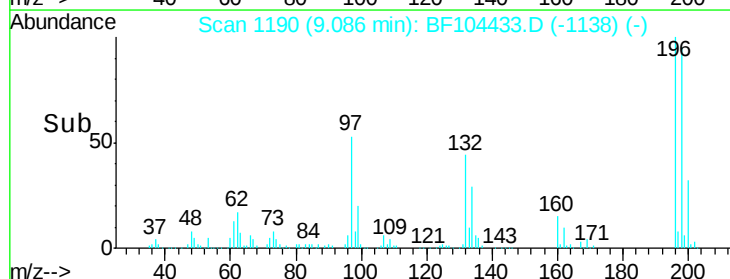
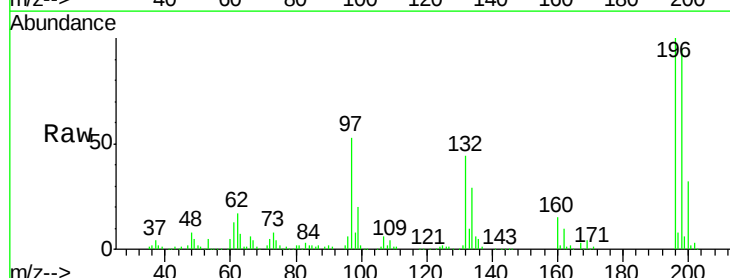
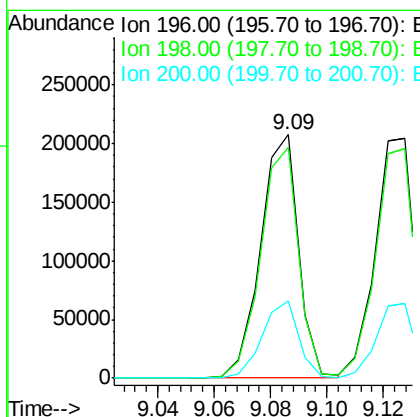
RT: 9.09 min Scan# 1190

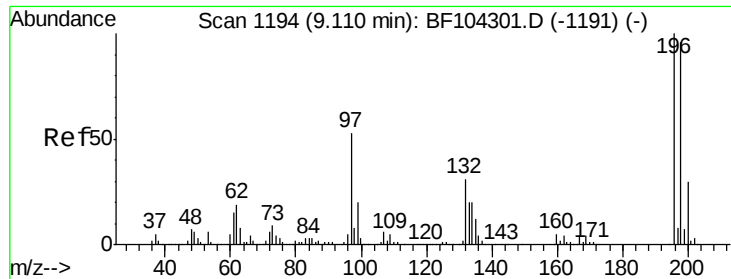
Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	196	Resp:	193150
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
200	31.6	24.5	36.7





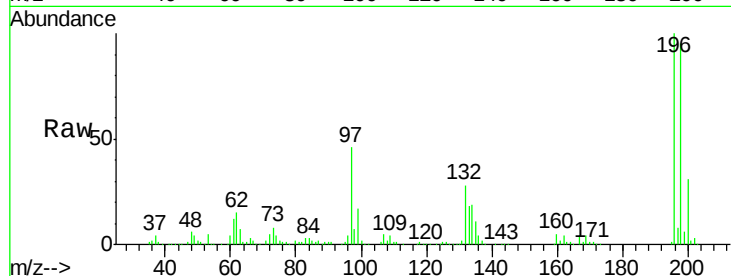
#43
 2,4,5-Trichlorophenol
 Concen: 36.660 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

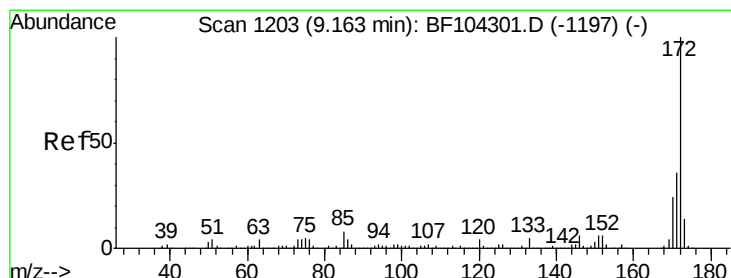
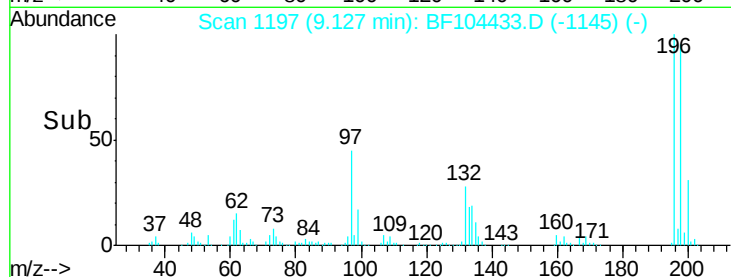
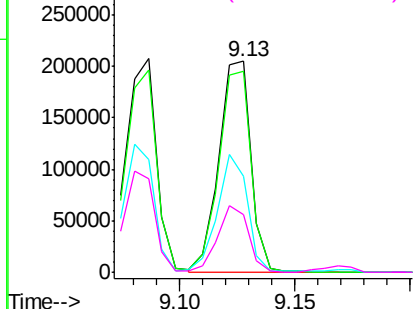
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		197546		
198	95.5	74.6	112.0		
97	45.6	42.9	64.3		
132	27.6	26.3	39.5		

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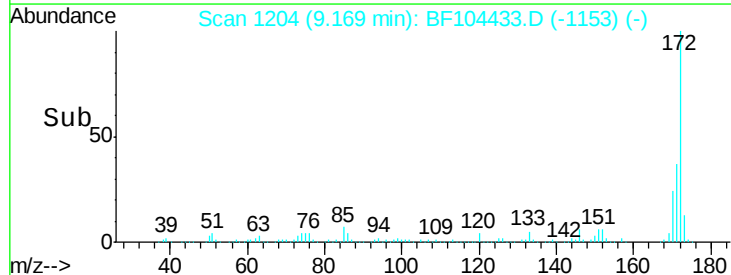
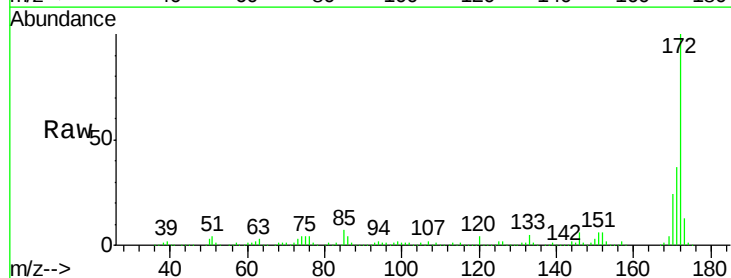
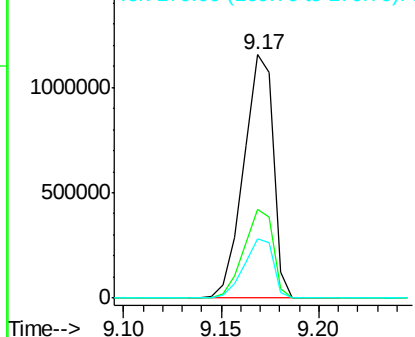
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

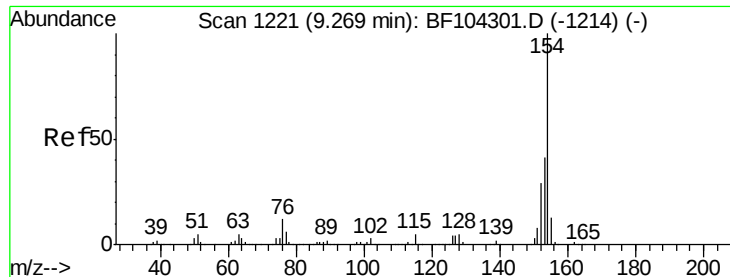


#44
 2-Fluorobiphenyl
 Concen: 79.024 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1212176		
171	36.6	29.7	44.5		
170	24.5	19.6	29.4		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





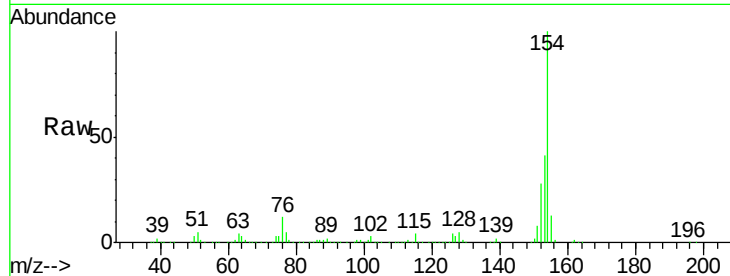
#45
1,1'-Biphenyl
Concen: 35.846 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

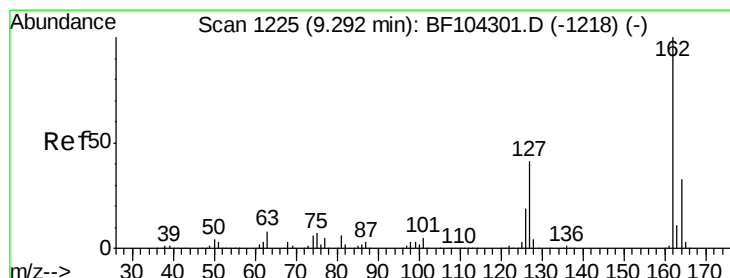
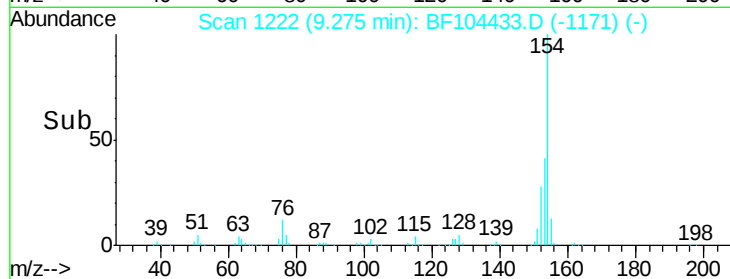
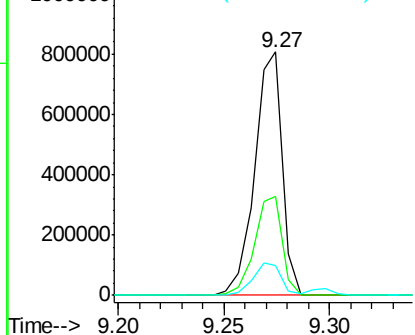
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.4	0.0	34.0

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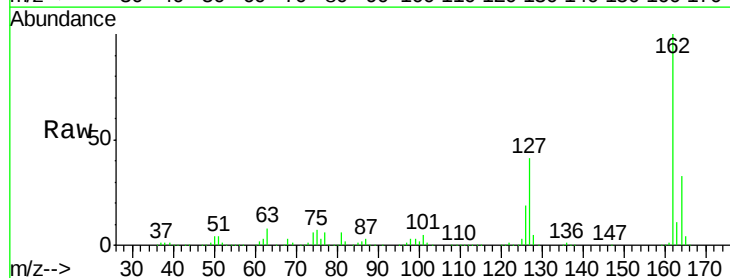


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

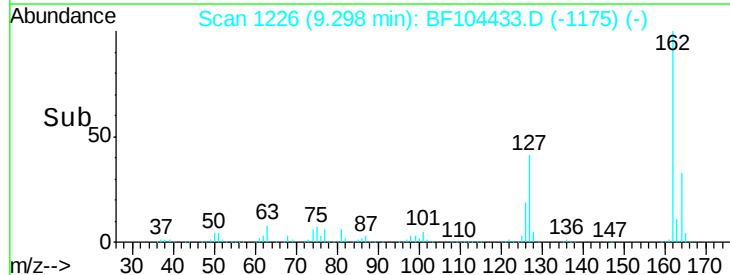
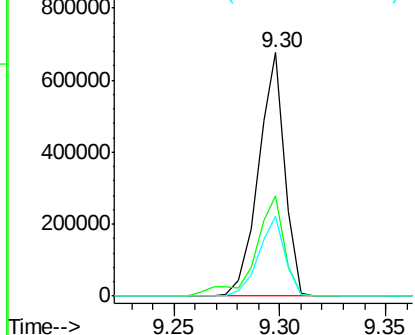


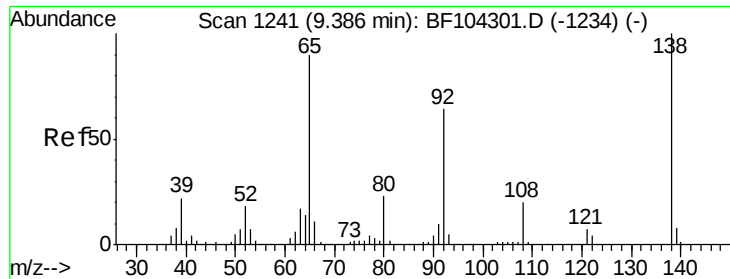
#46
2-Chloronaphthalene
Concen: 36.005 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	33.0	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





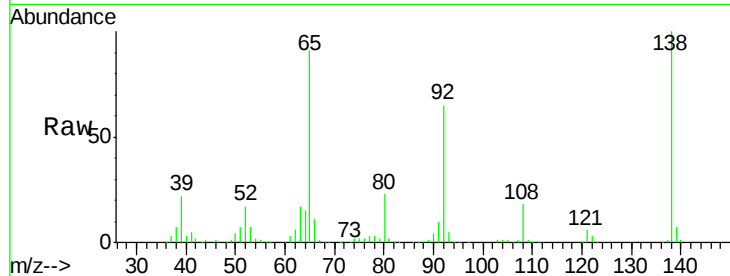
#47
 2-Nitroaniline
 Concen: 46.005 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

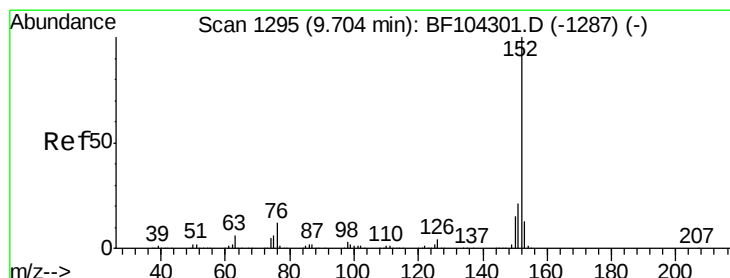
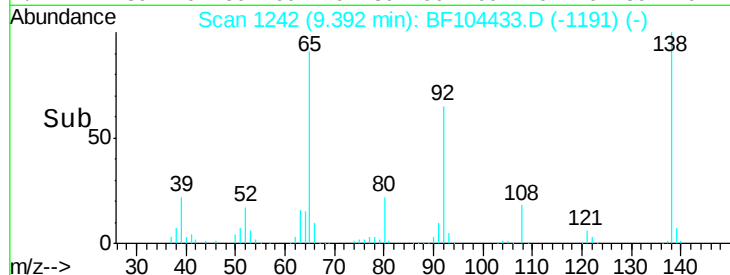
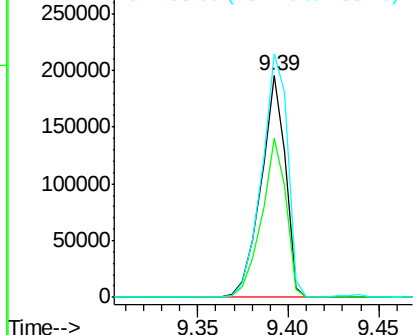
Tot Ion:	65	Resp:	182937
Ion Ratio	Lower	Upper	
65	100		
92	71.8	55.8	83.6
138	110.0	91.2	136.8

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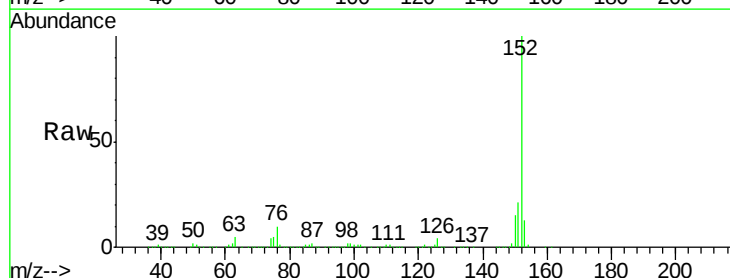


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

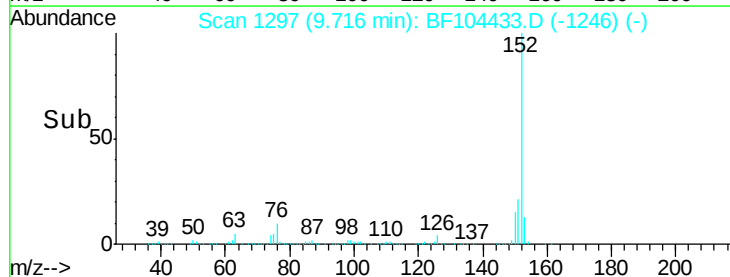
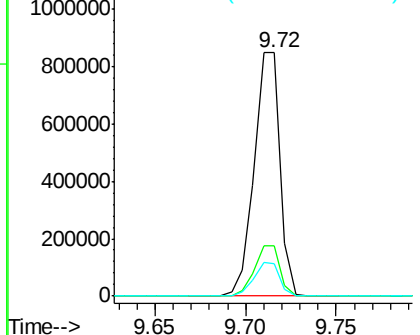


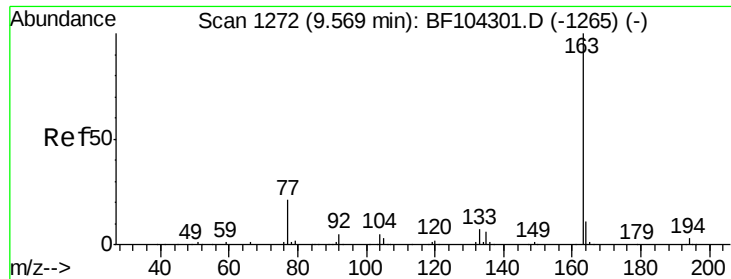
#48
 Acenaphthylene
 Concen: 33.320 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	152	Resp:	840593
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





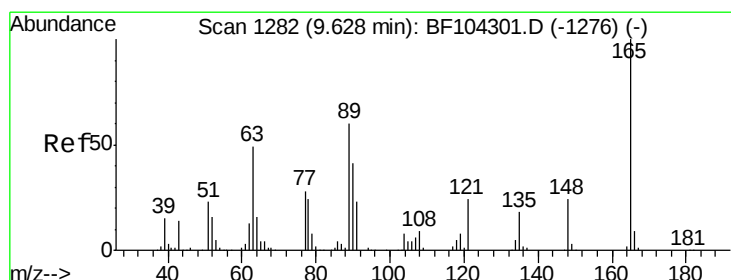
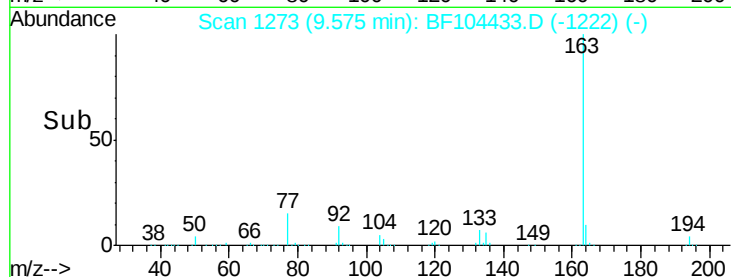
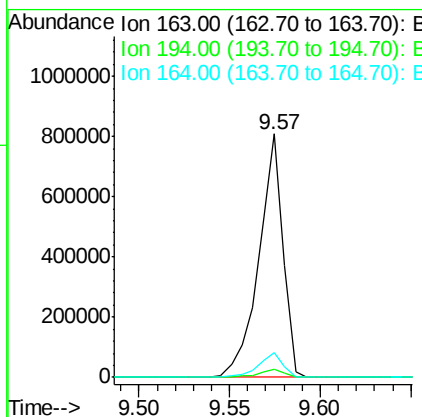
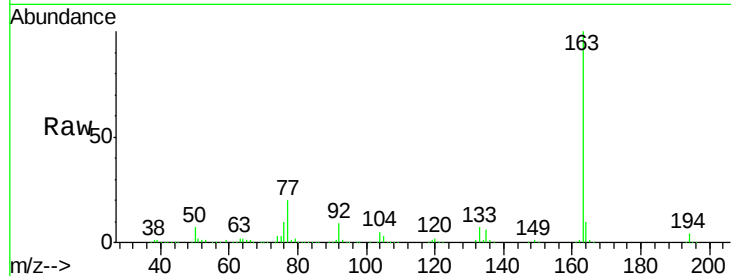
#49
Dimethylphthalate
Concen: 39.196 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	748999		
194	3.5		2.7	4.1
164	10.2		8.2	12.2

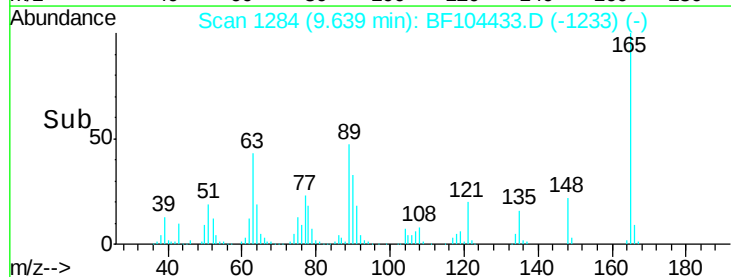
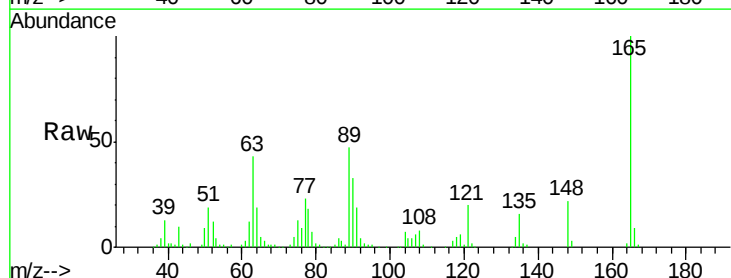
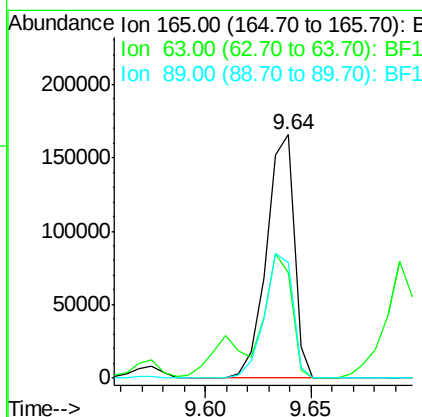
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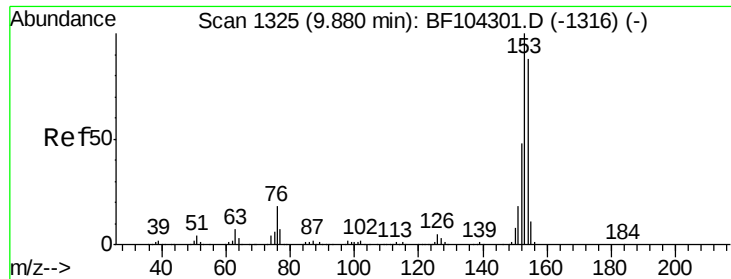
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#50
2,6-Dinitrotoluene
Concen: 42.934 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151810		
63	43.2		44.7	67.1#
89	47.3		44.0	66.0





#51

Acenaphthene

Concen: 33.026 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

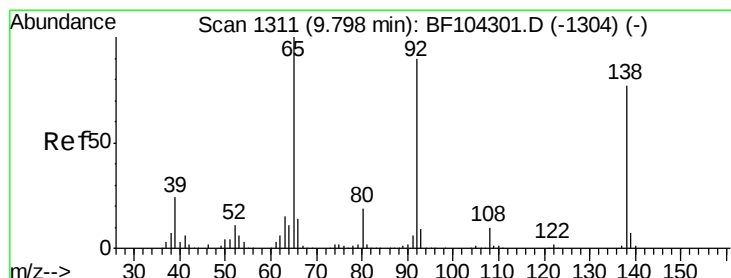
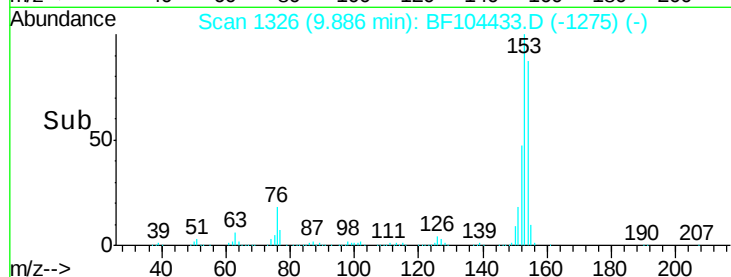
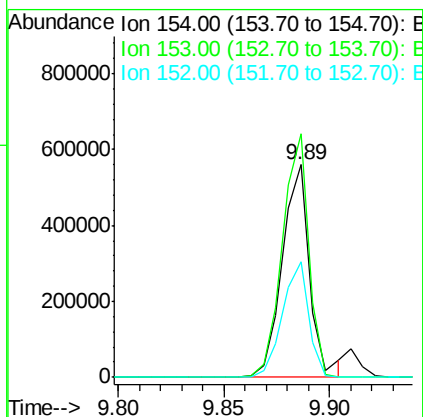
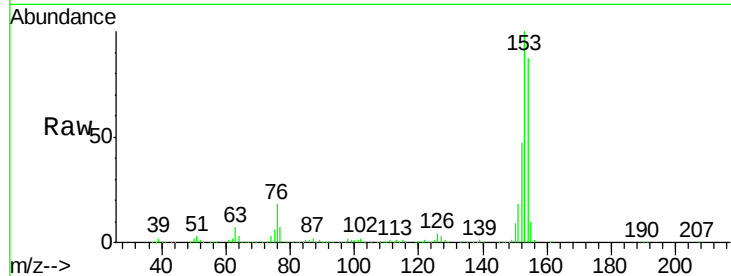
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	154	Resp:	508354
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.2	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.899 ng

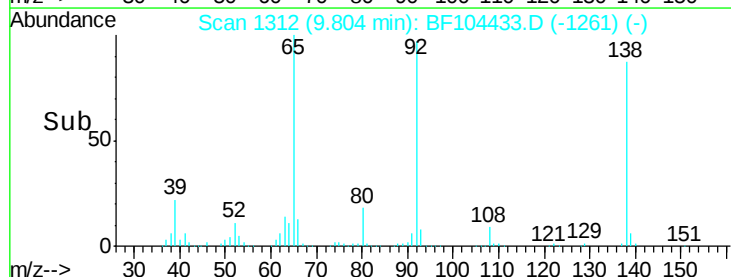
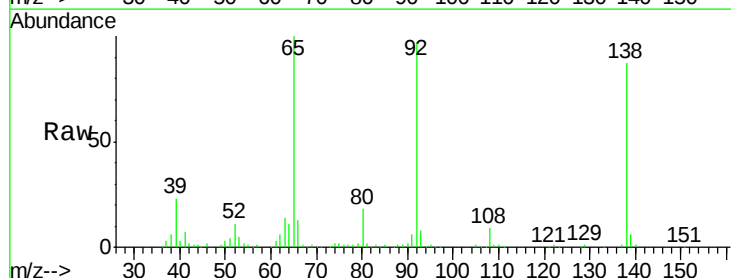
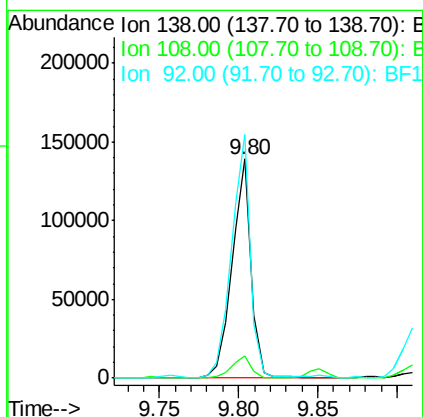
RT: 9.80 min Scan# 1312

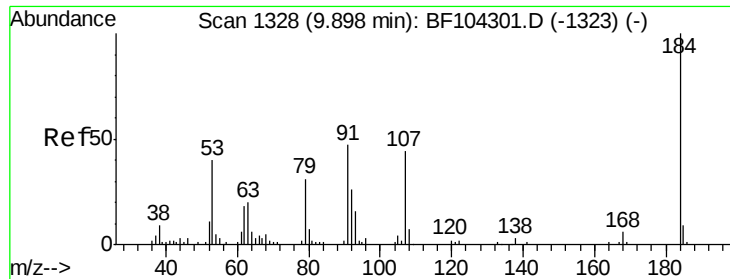
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	138	Resp:	115490
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	111.3	89.4	134.2





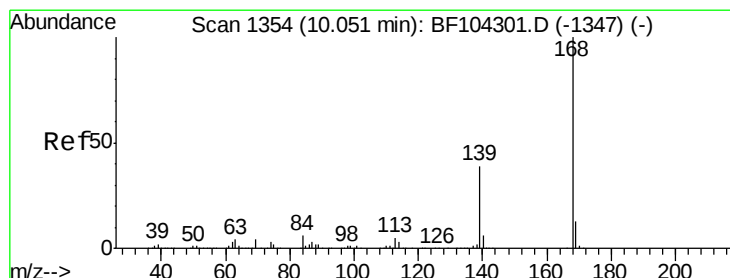
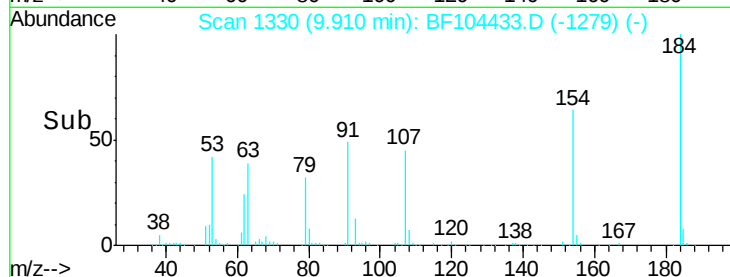
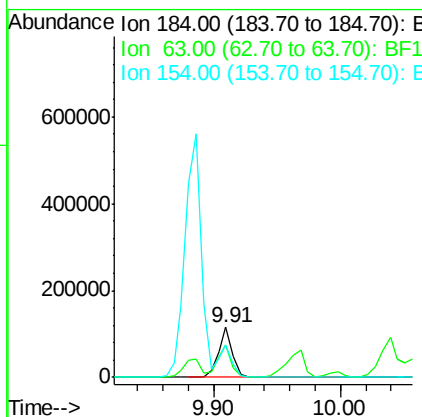
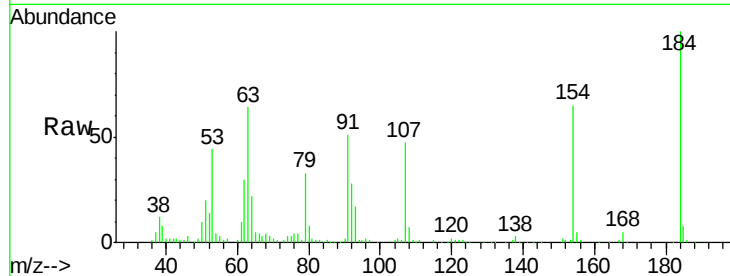
#53
 2,4-Dinitrophenol
 Concen: 66.918 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

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

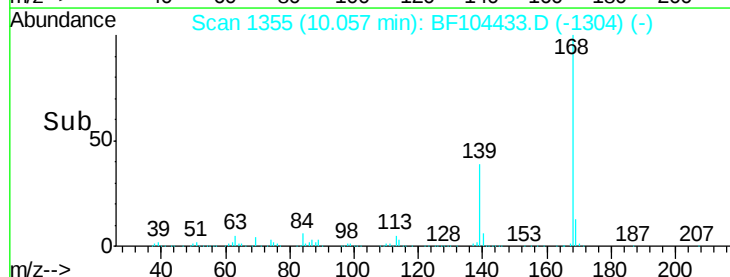
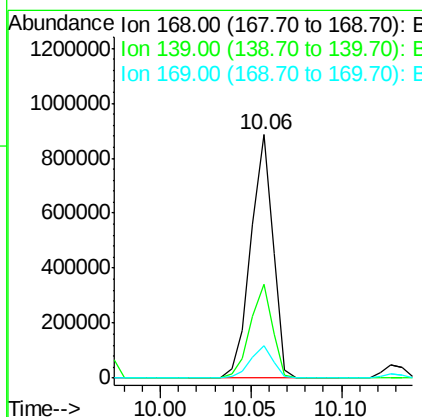
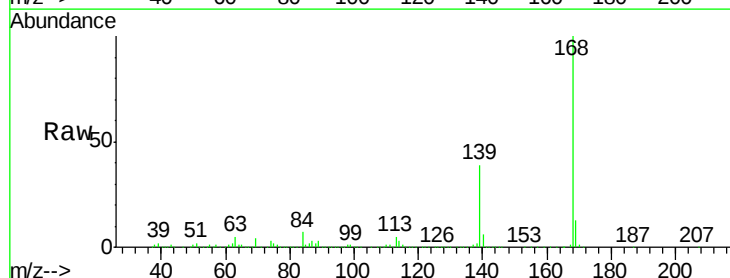
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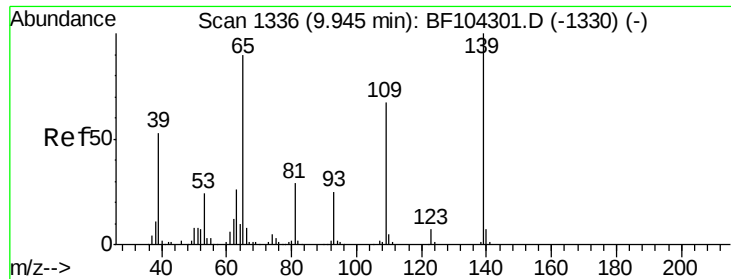
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#54
 Dibenzofuran
 Concen: 35.274 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.4	10.9	16.3





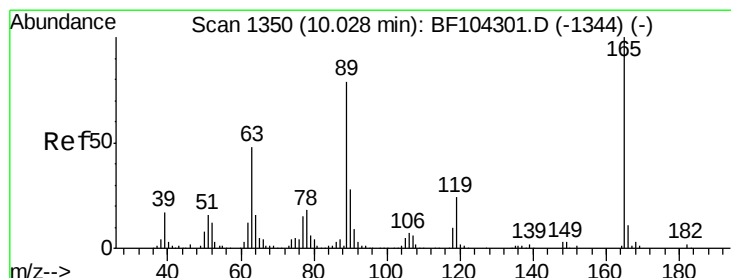
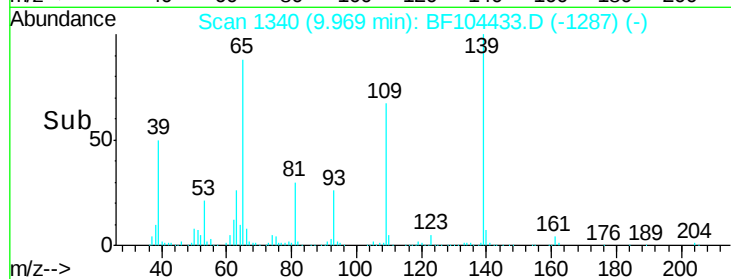
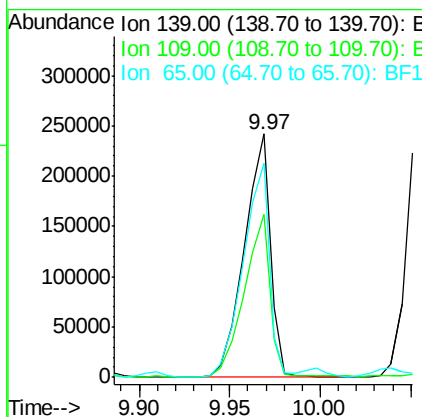
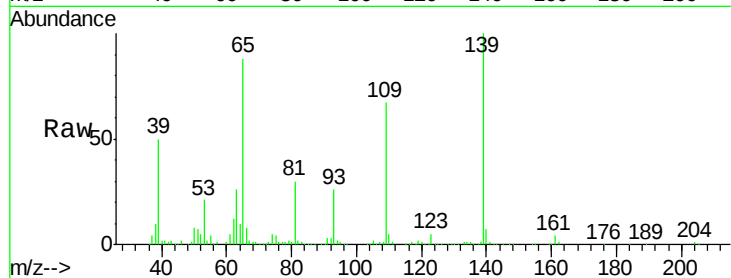
#55
4-Nitrophenol
Concen: 74.420 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	241992		
109	67.2	48.4	88.4	
65	87.9	72.6	112.6	

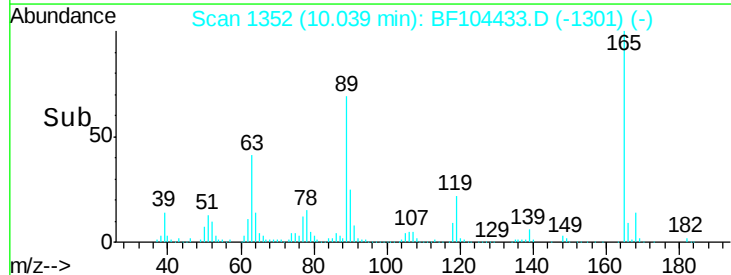
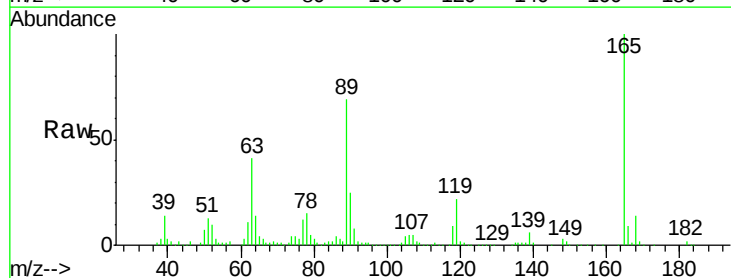
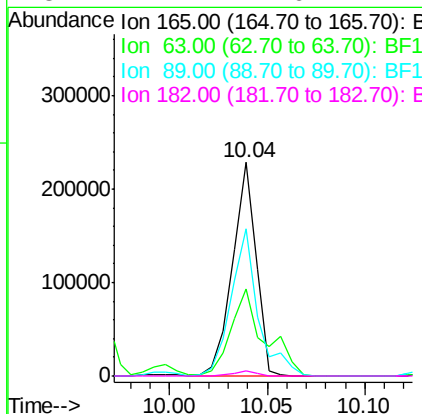
Manual Integrations
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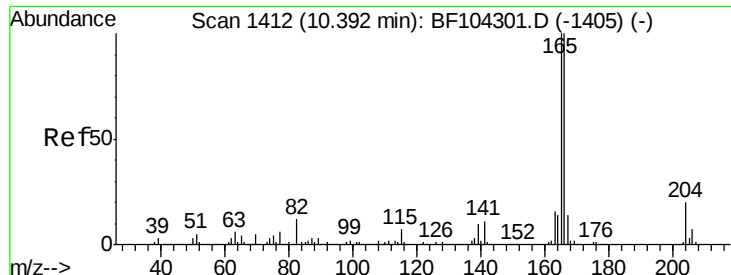
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#56
2,4-Dinitrotoluene
Concen: 41.479 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192383		
63	40.8	36.4	54.6	
89	69.0	57.8	86.6	
182	2.2	1.6	2.4	





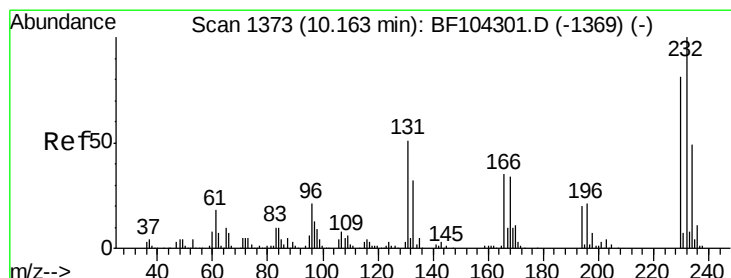
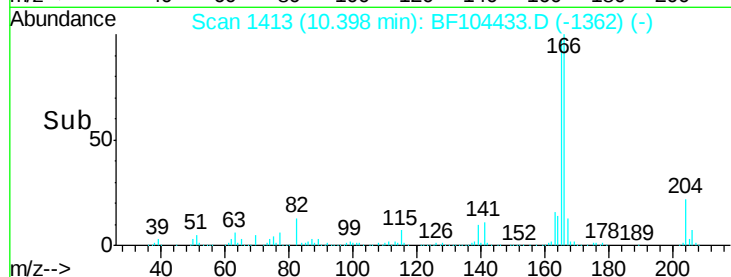
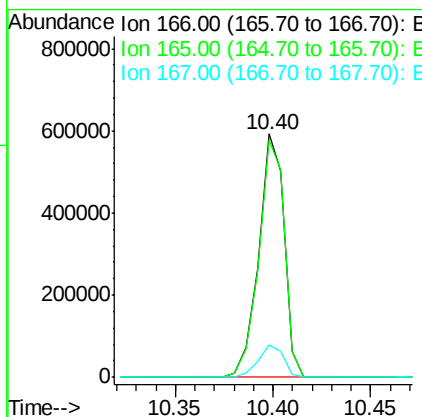
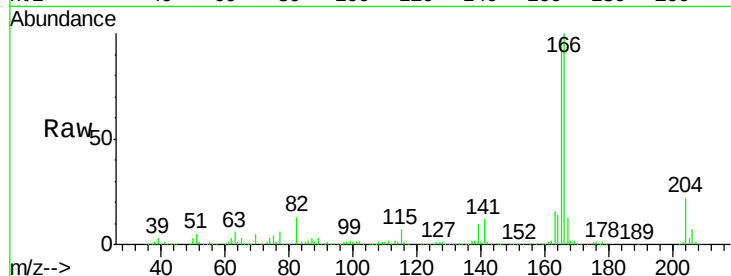
#57
Fluorene
 Concen: 34.116 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:	166	Resp:	532680
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.8	119.8
167	13.3	10.6	16.0

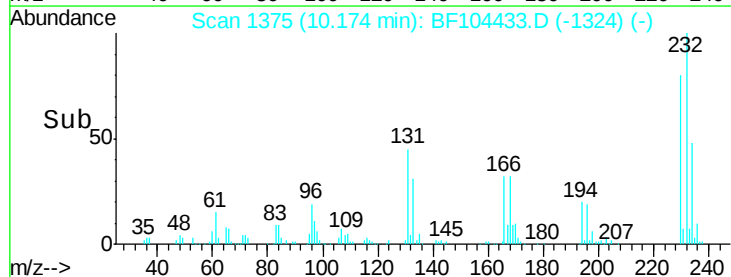
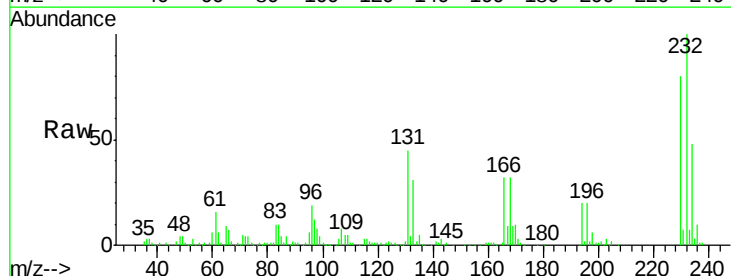
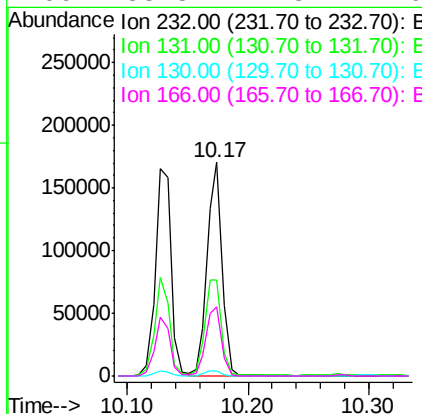
Manual Integrations
 APPROVED

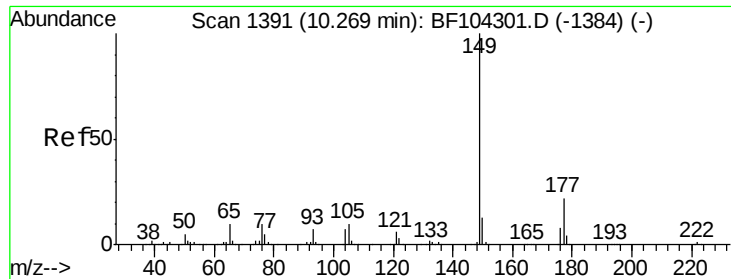
Sohil
 4/12/2018 2:30:30 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.451 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	232	Resp:	146538
Ion Ratio	Lower	Upper	
232	100		
131	49.2	43.8	65.8
130	2.6	2.1	3.1
166	33.8	27.8	41.6





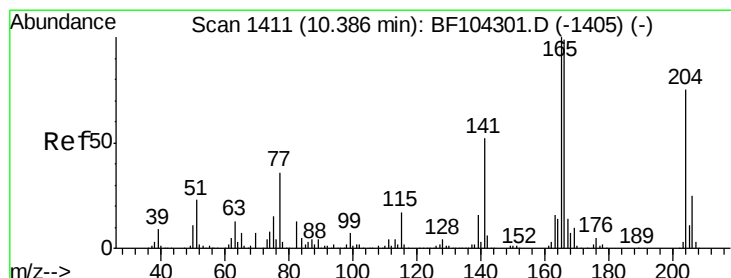
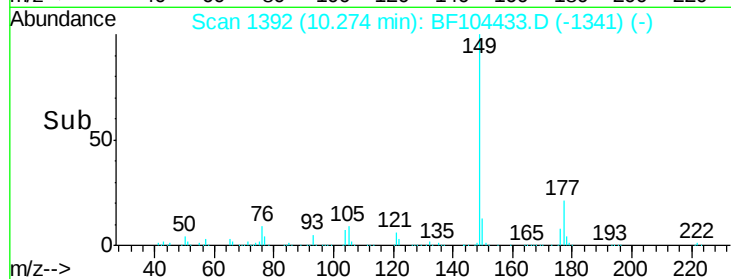
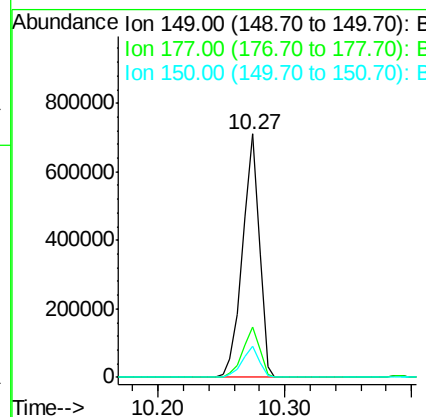
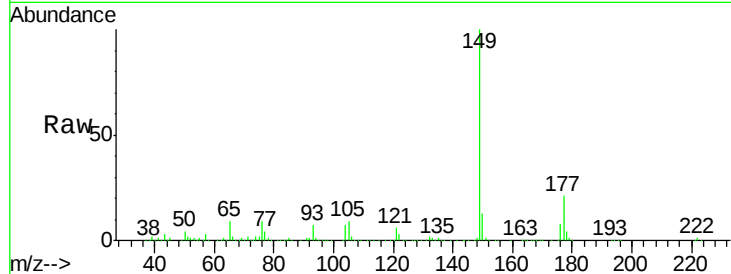
#59
Diethylphthalate
Concen: 33.933 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

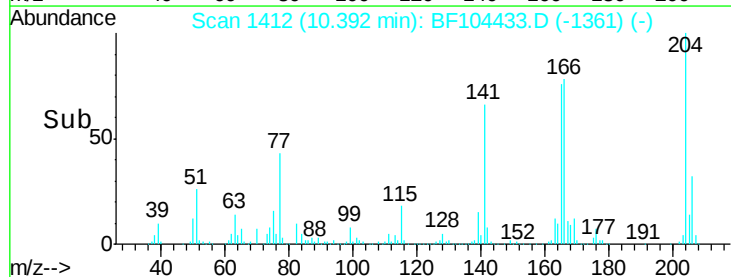
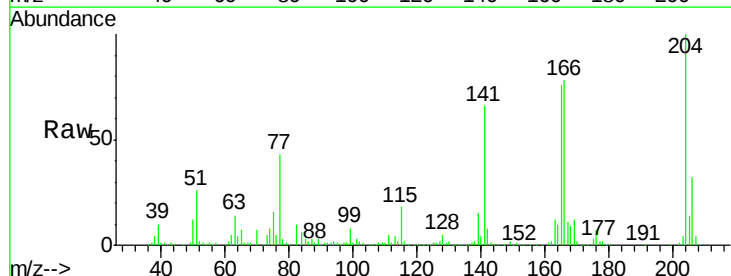
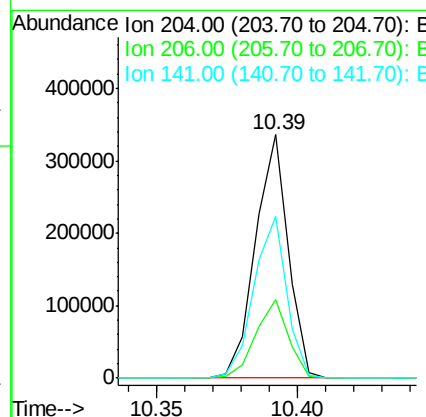
Manual Integrations
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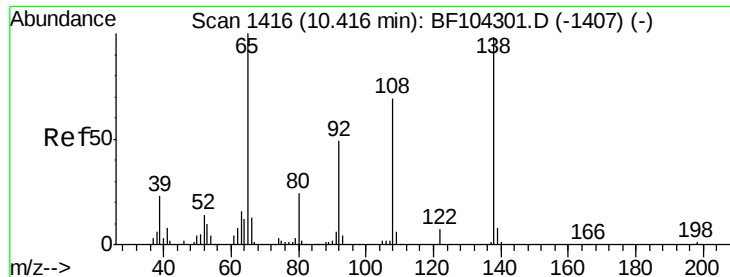
Sohil
4/12/2018 2:30:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.663 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	66.2	54.6	81.8





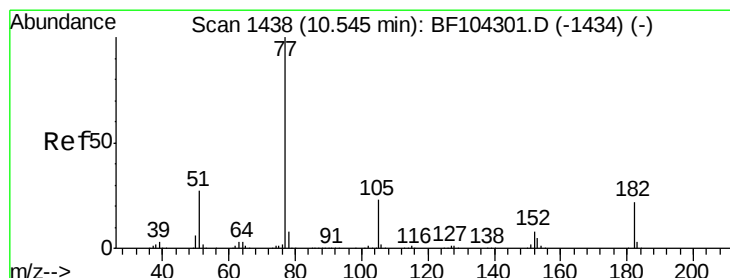
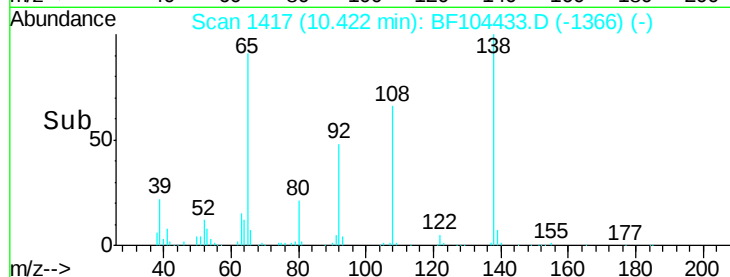
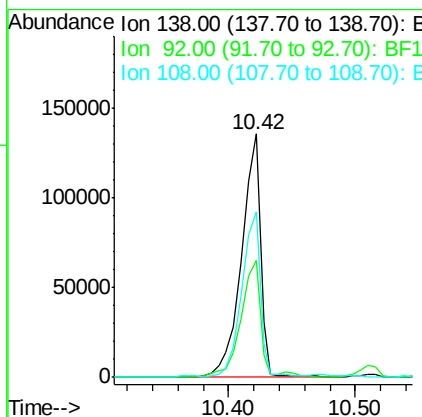
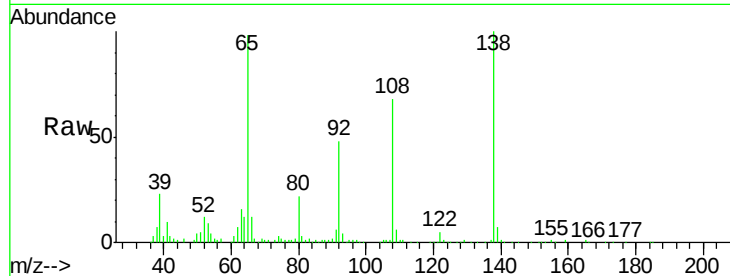
#61
4-Nitroaniline
Concen: 34.887 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	30.2	70.2
108	68.0	52.5	92.5

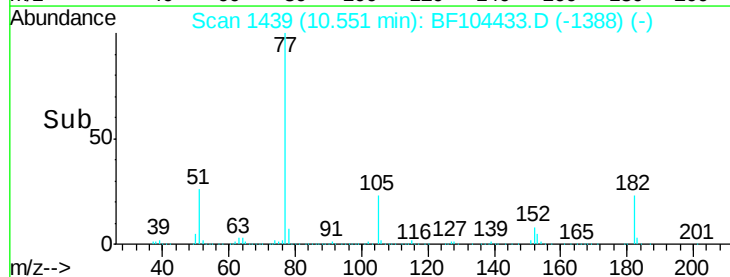
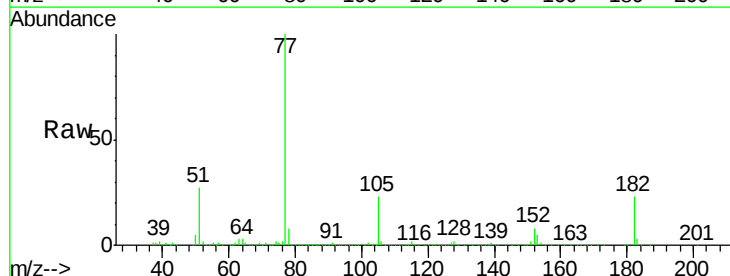
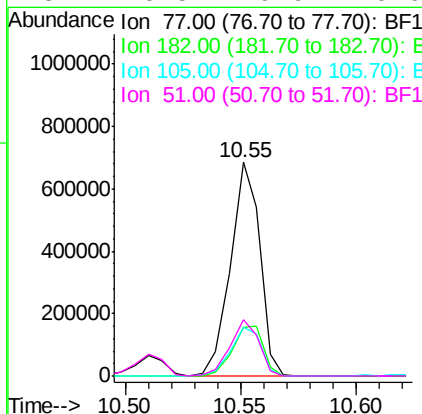
Manual Integrations
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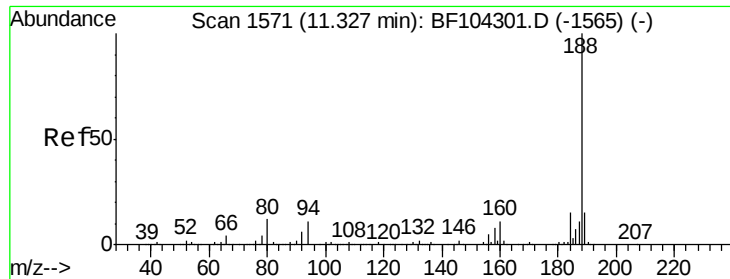
Sohil
4/12/2018 2:30:30 PM



#62
Azobenzene
Concen: 33.237 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	1.7	41.7
105	22.9	3.0	43.0
51	26.5	9.9	49.9





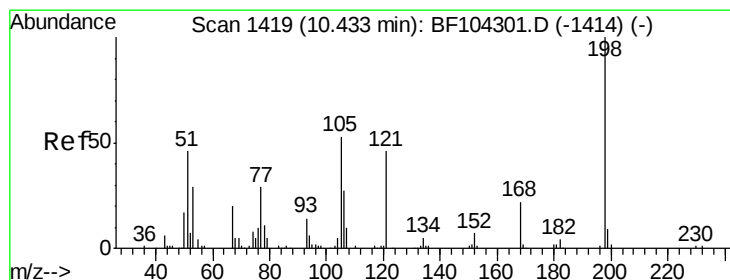
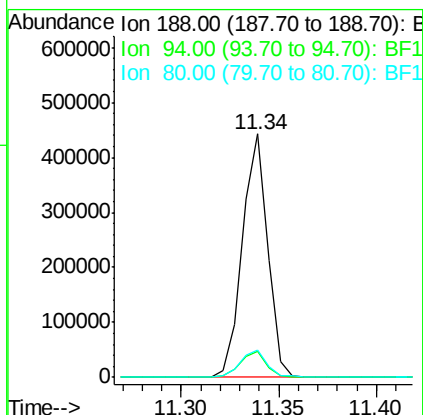
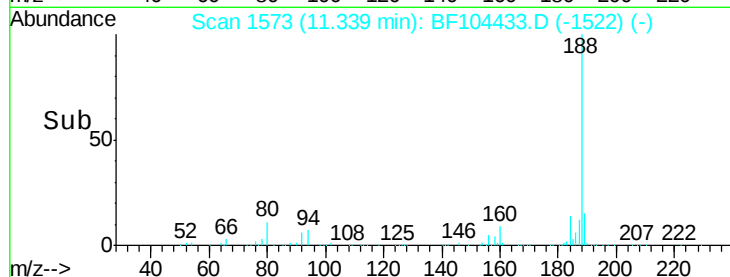
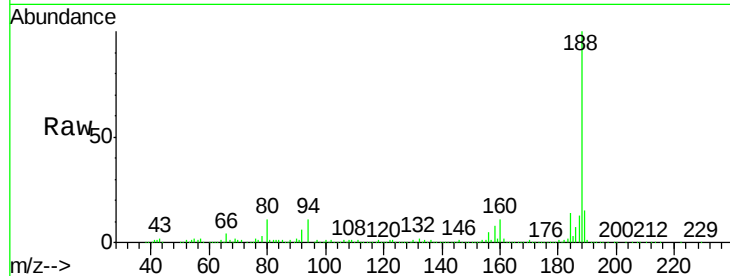
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396814		
94	10.5		8.5	12.7
80	11.2		9.2	13.8

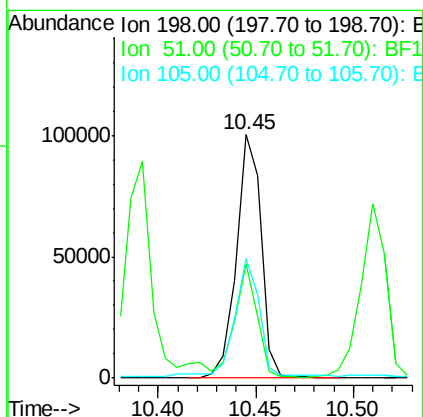
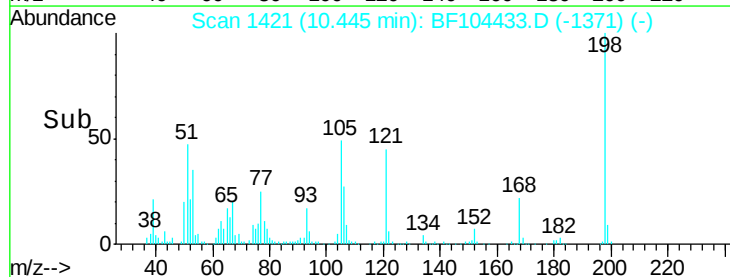
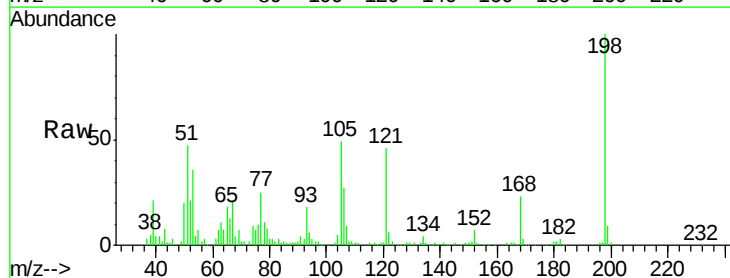
Manual Integrations
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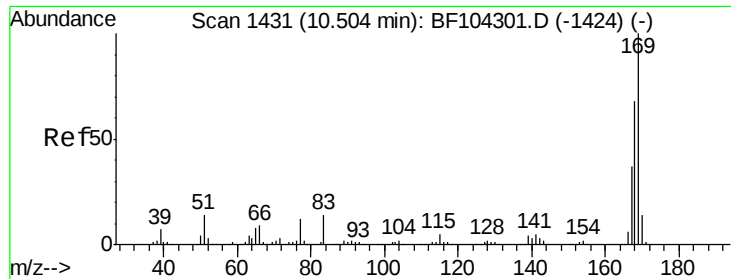
Sohil
4/12/2018 2:30:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.932 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88045		
51	47.2		37.7	77.7
105	49.1		36.3	76.3





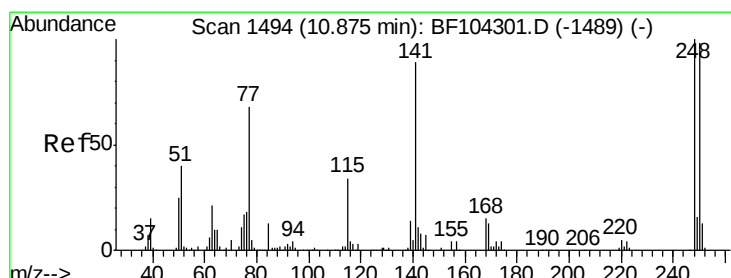
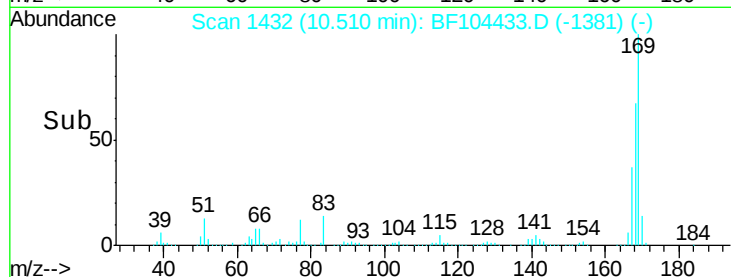
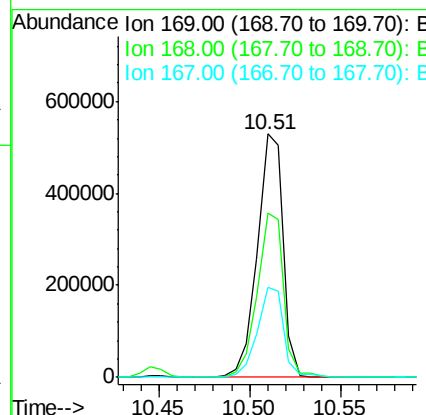
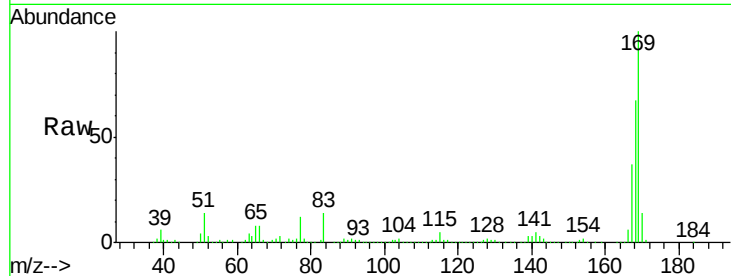
#65
n-Nitrosodiphenylamine
Concen: 38.130 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.1	29.8	44.6

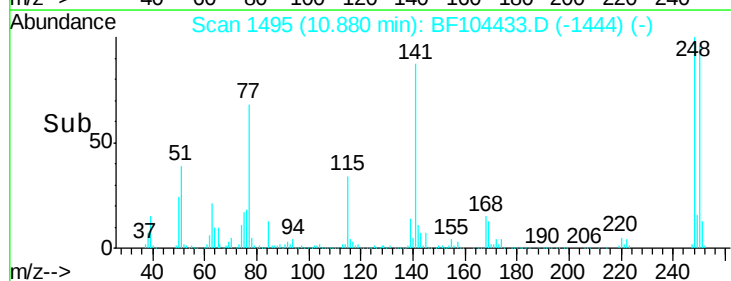
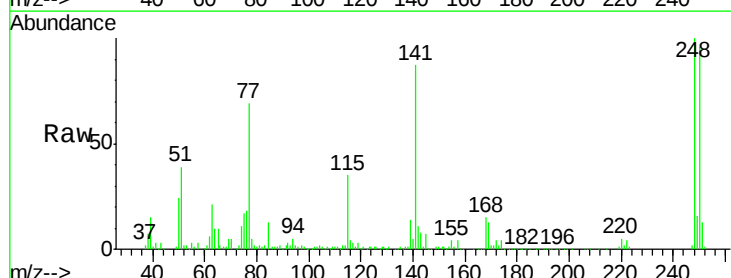
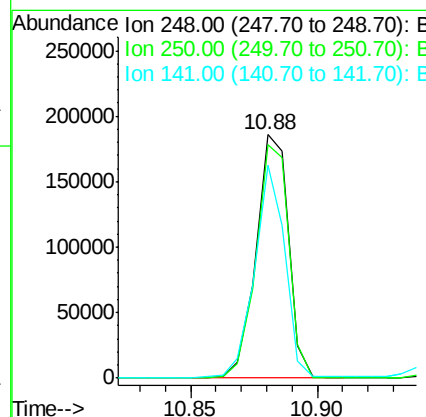
Manual Integrations
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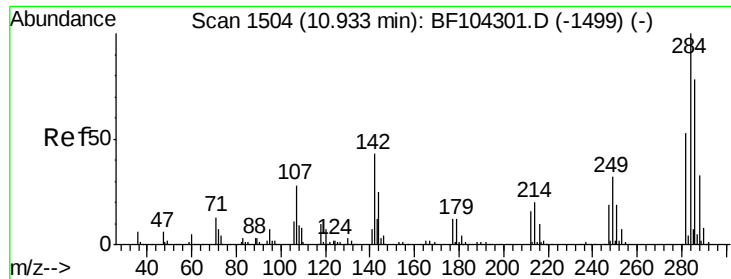
Sohil
4/12/2018 2:30:30 PM



#66
4-Bromophenyl-phenylether
Concen: 39.231 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	87.2	74.4	111.6





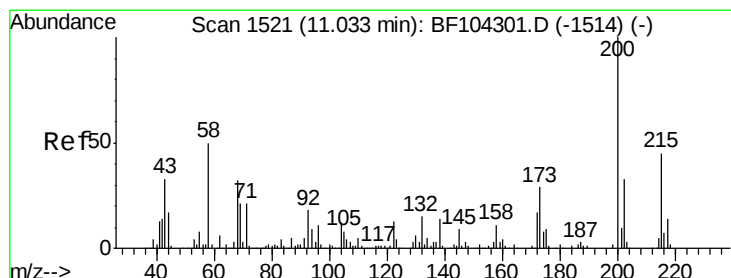
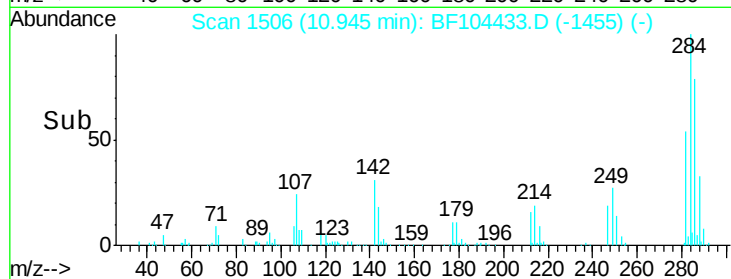
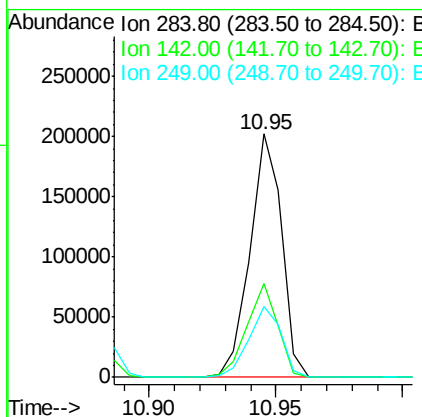
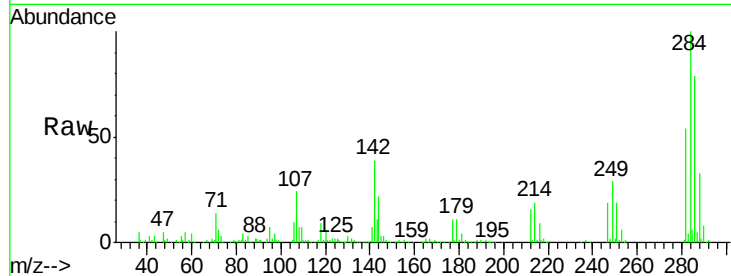
#67
Hexachlorobenzene
Concen: 36.934 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	175412		
142	38.8	34.6	52.0	
249	29.3	24.8	37.2	

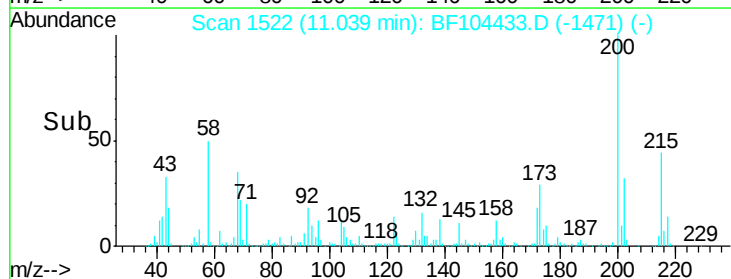
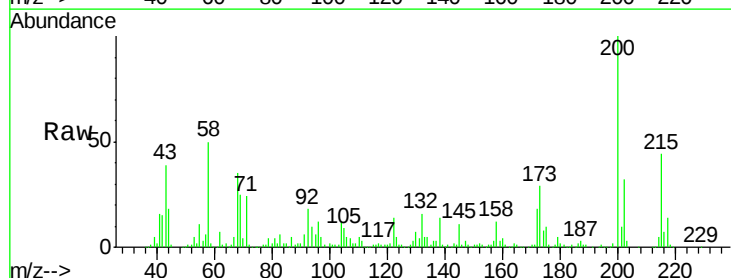
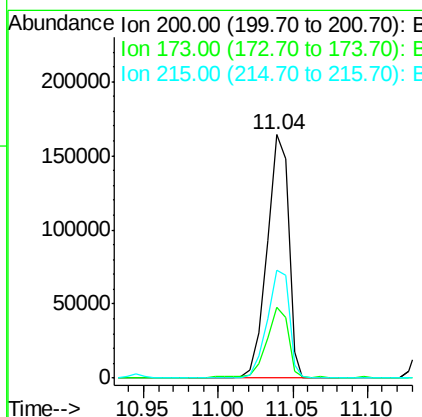
Manual Integrations
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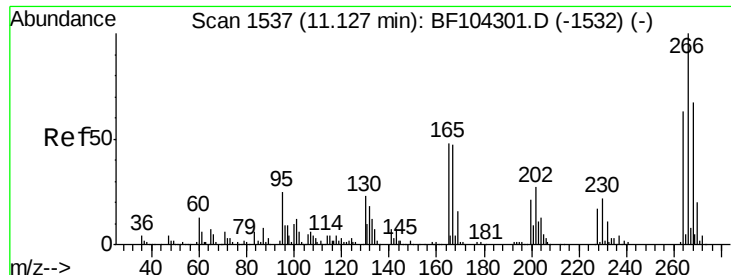
Sohil
4/12/2018 2:30:30 PM



#68
Atrazine
Concen: 39.248 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	162997		
173	29.2	8.6	48.6	
215	44.1	25.1	65.1	





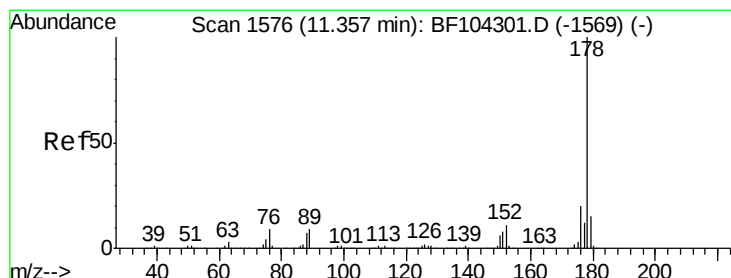
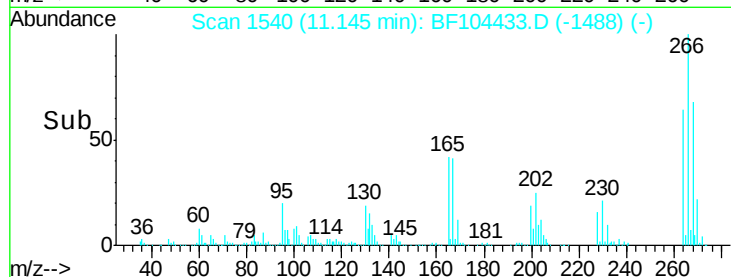
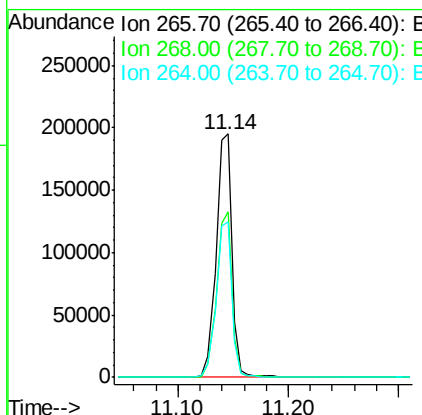
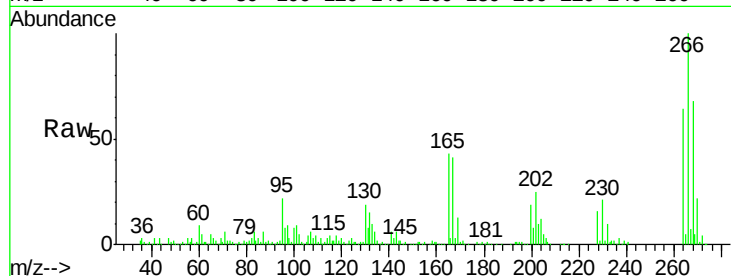
#69
 Pentachlorophenol
 Concen: 65.881 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.1	76.7
264	63.6	49.5	74.3

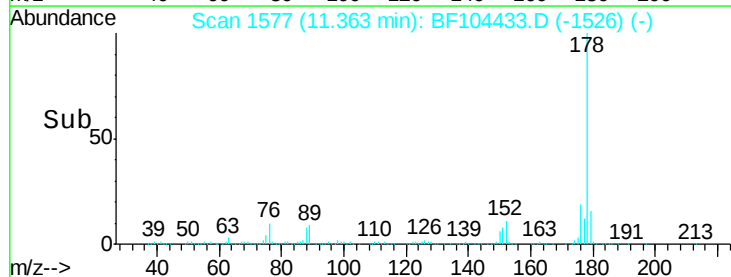
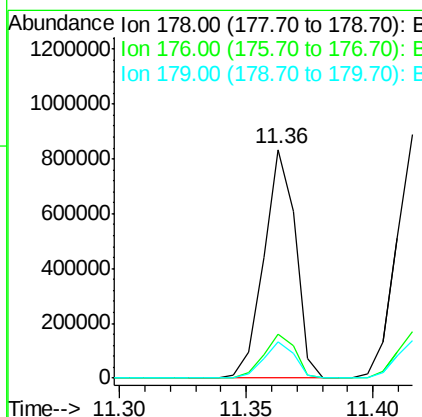
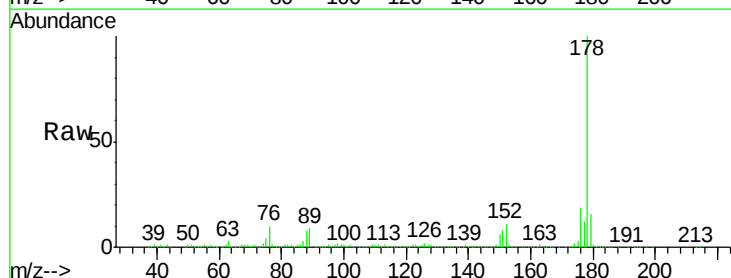
Manual Integrations
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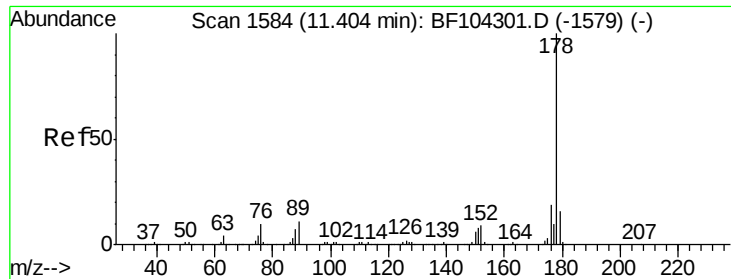
Sohil
 4/12/2018 2:30:30 PM



#70
 Phenanthrene
 Concen: 32.885 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6





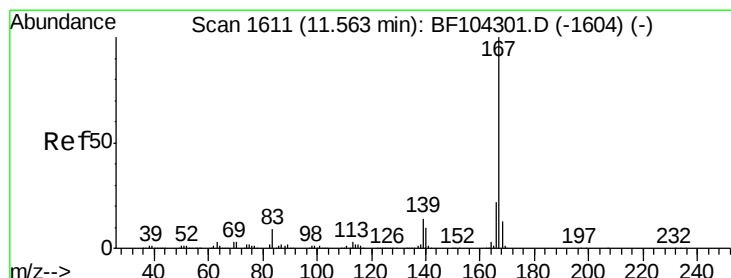
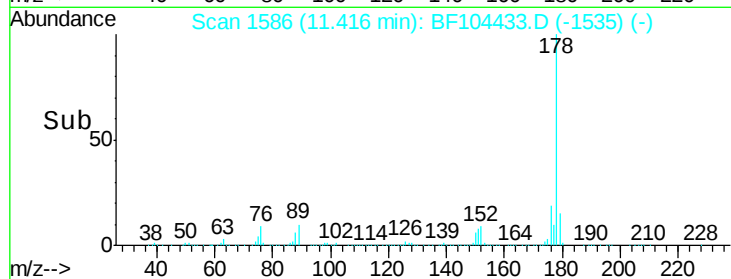
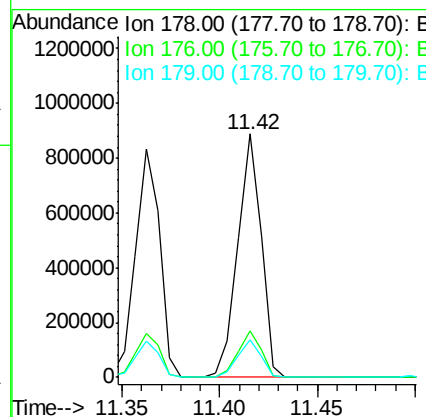
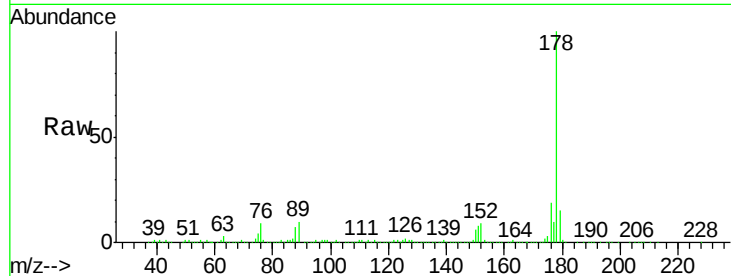
#71
 Anthracene
 Concen: 33.025 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:	178	Resp:	741857
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

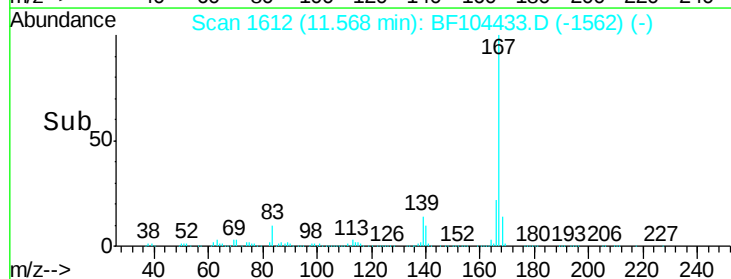
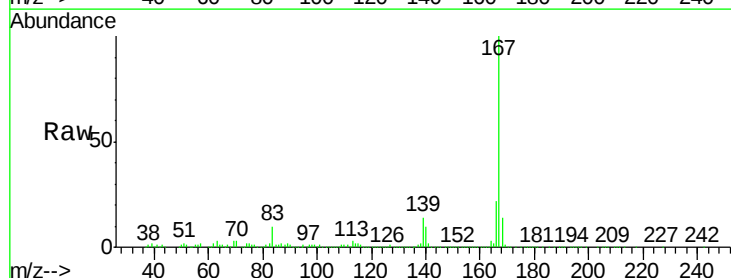
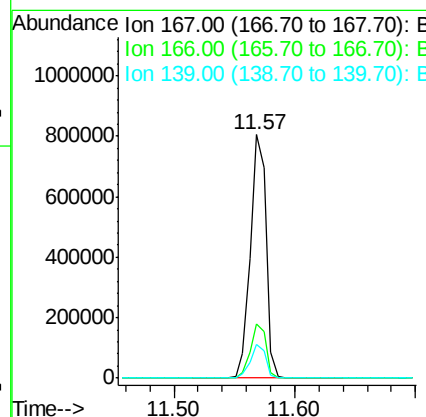
Manual Integrations
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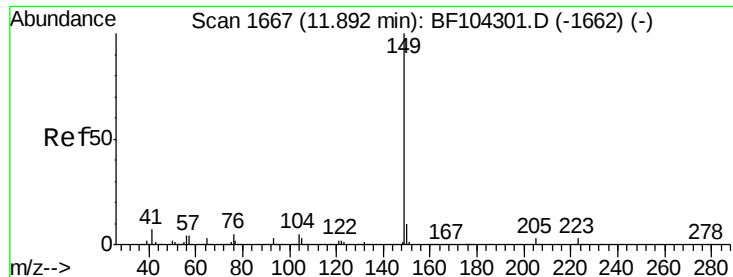
Sohil
 4/12/2018 2:30:30 PM



#72
 Carbazole
 Concen: 33.616 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	167	Resp:	737889
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3





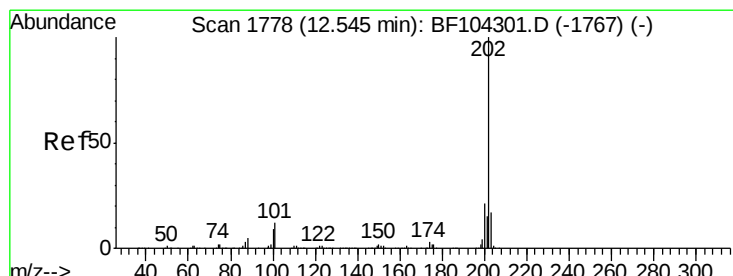
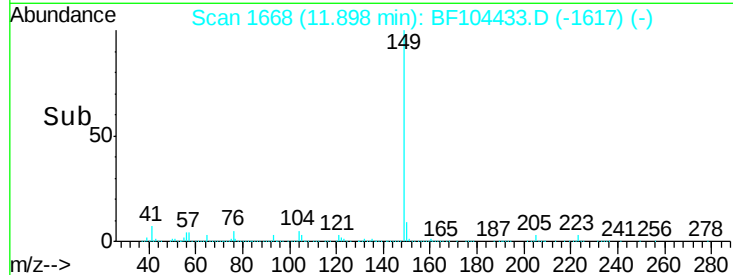
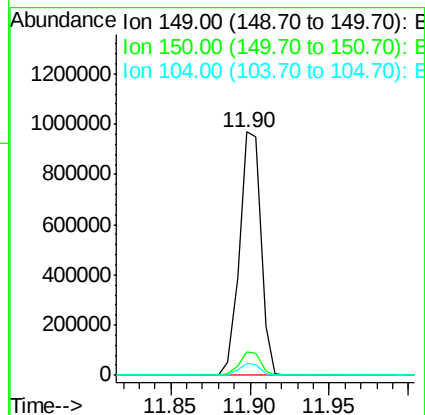
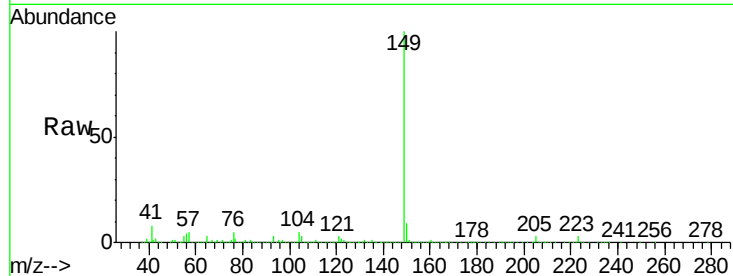
#73
Di-n-butylphthalate
Concen: 33.675 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:	149	Resp:	902943
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8

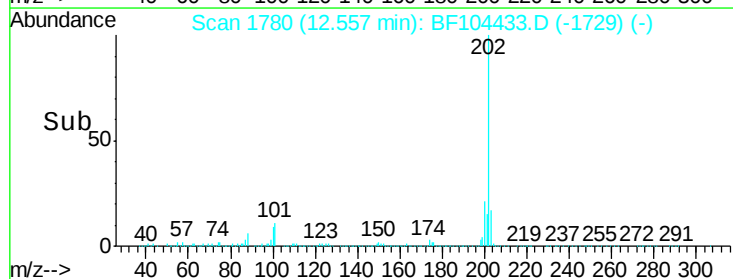
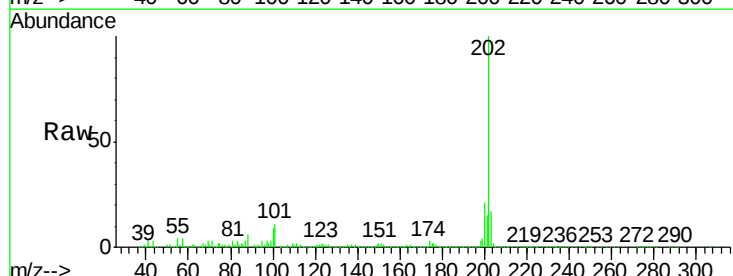
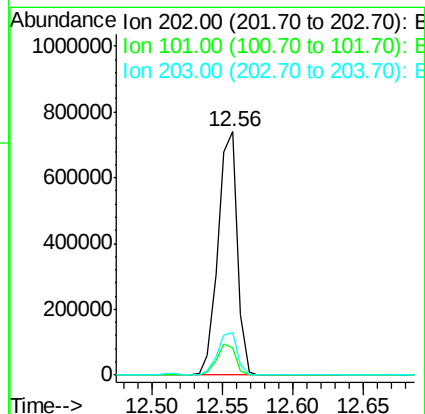
Manual Integrations
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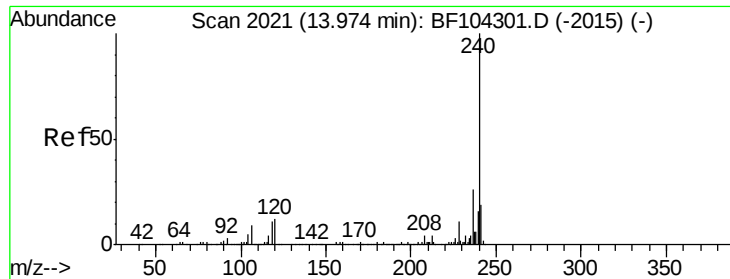
Sohil
4/12/2018 2:30:30 PM



#74
Fluoranthene
Concen: 30.277 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:	202	Resp:	699053
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

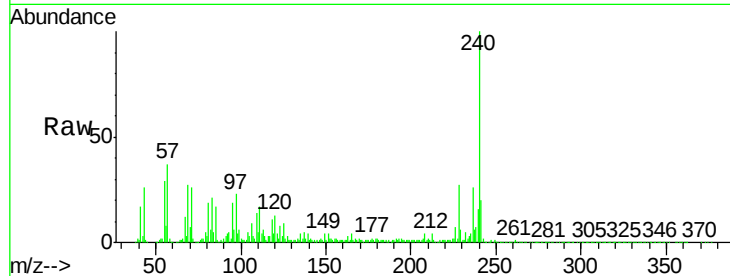
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	240	Resp:	265065
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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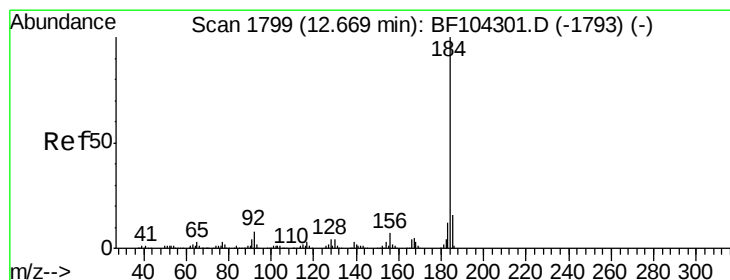
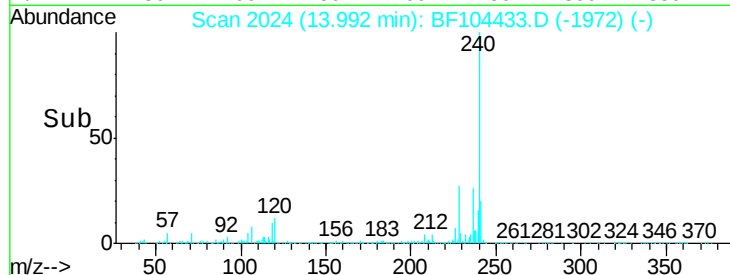
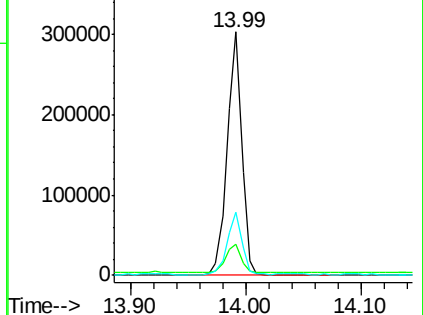
Sohil
4/12/2018 2:30:30 PM



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: 8.936 ng

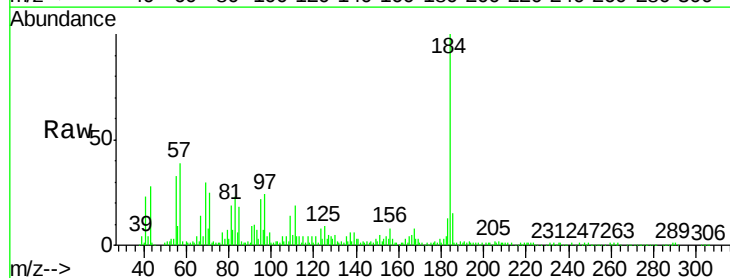
RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

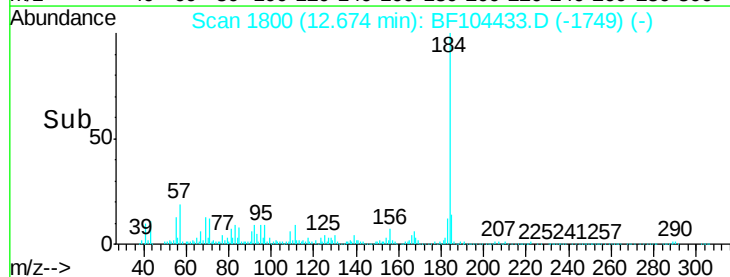
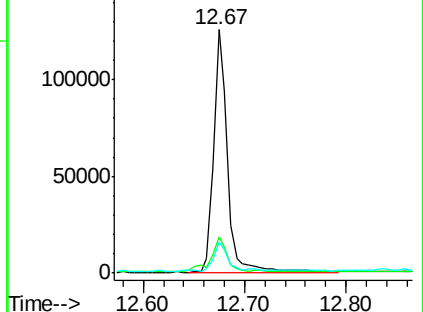
Tgt Ion:	184	Resp:	119558
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	13.0	9.3	13.9

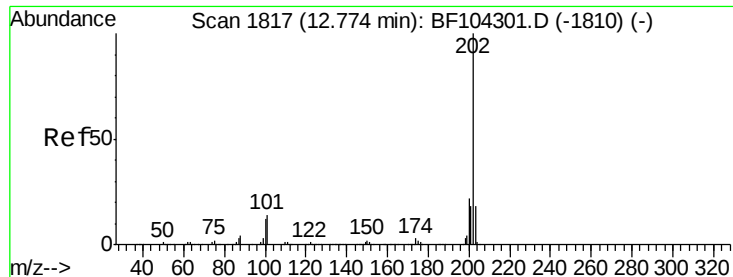


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.890 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

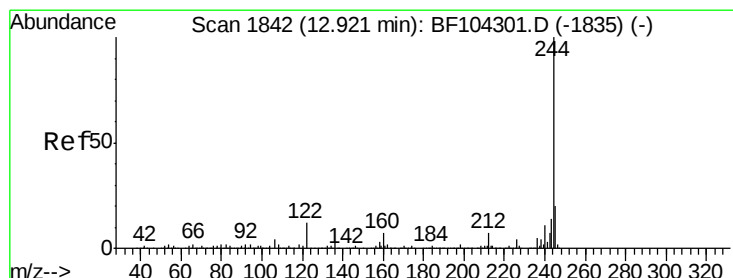
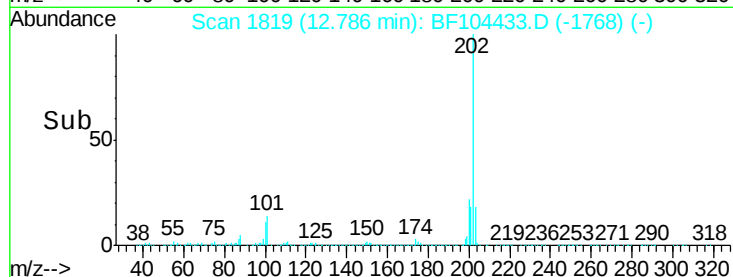
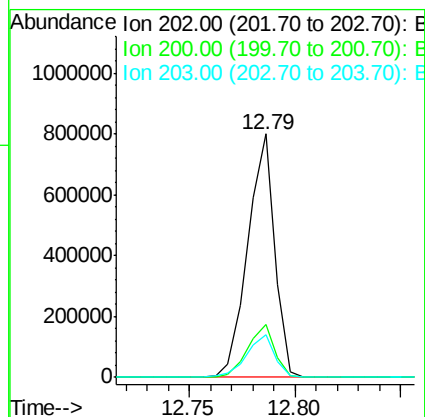
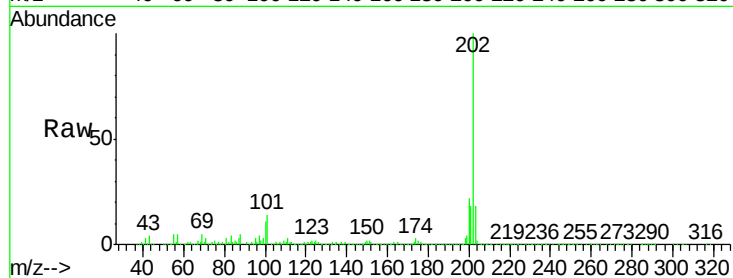
ClientSampleId :

P004-S003-0001-01MSD

Tot Ion:	202	Resp:	705155
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

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Sohil
4/12/2018 2:30:30 PM



#78

Terphenyl-d14

Concen: 82.459 ng

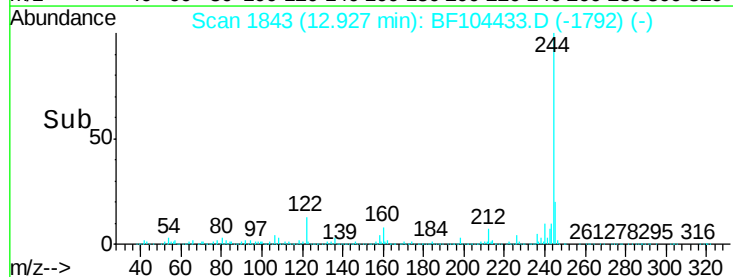
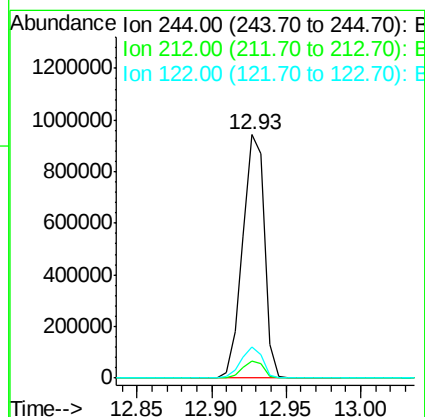
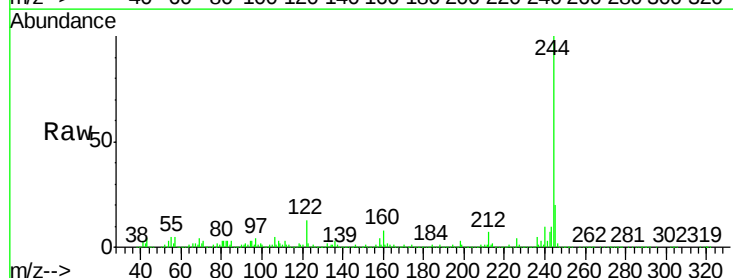
RT: 12.93 min Scan# 1843

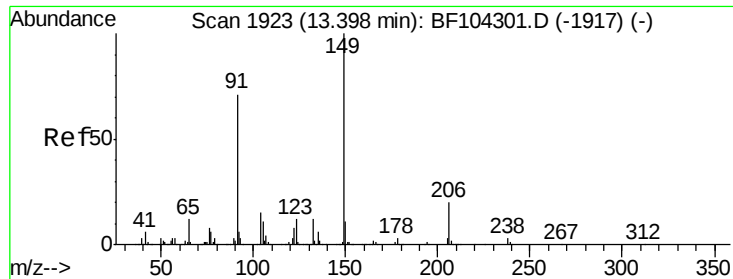
Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	244	Resp:	958712
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4





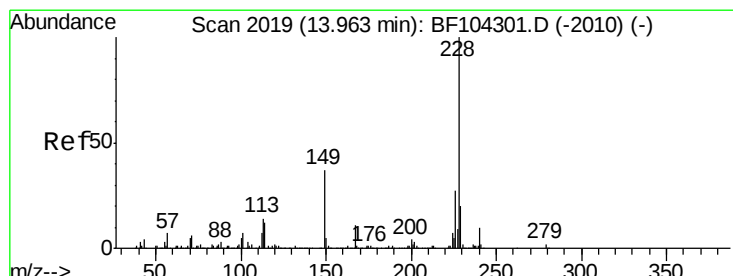
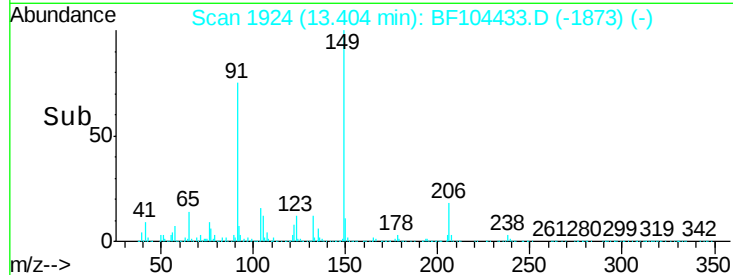
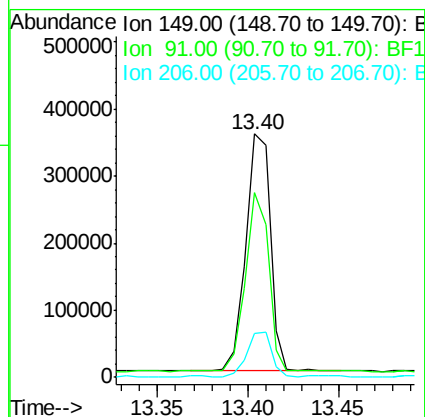
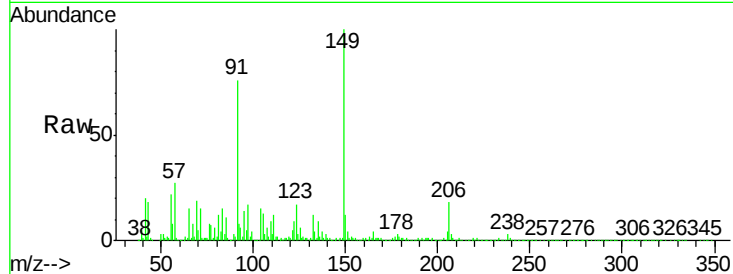
#79
Butylbenzylphthalate
Concen: 35.922 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.8	56.8	85.2
206	18.1	14.1	21.1

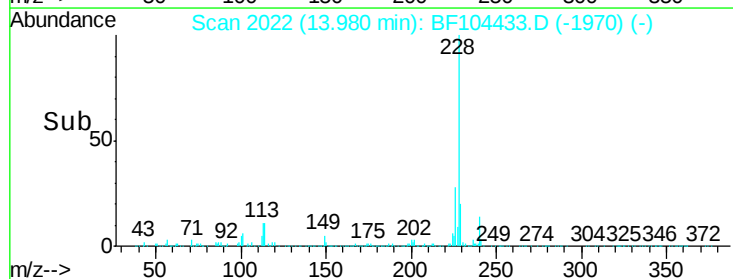
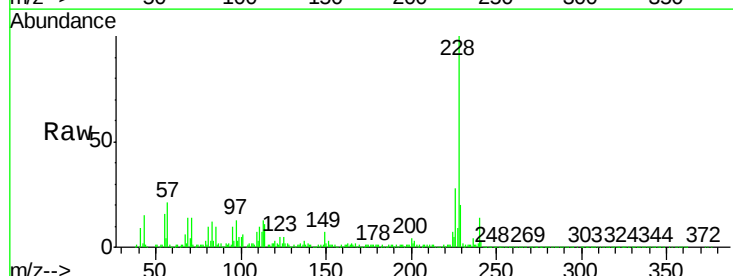
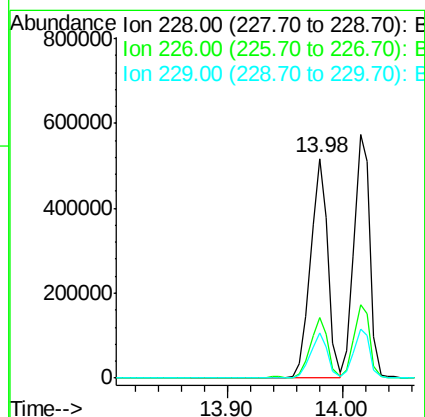
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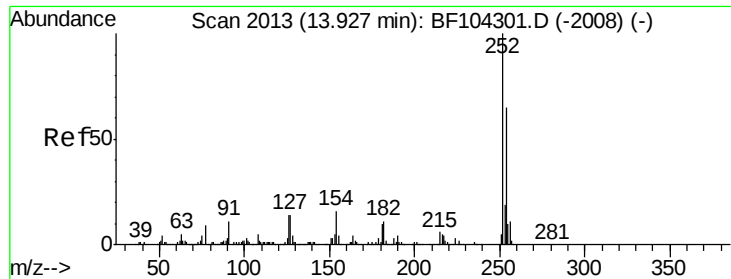
Sohil
4/12/2018 2:30:30 PM



#80
Benzo(a)anthracene
Concen: 34.148 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6





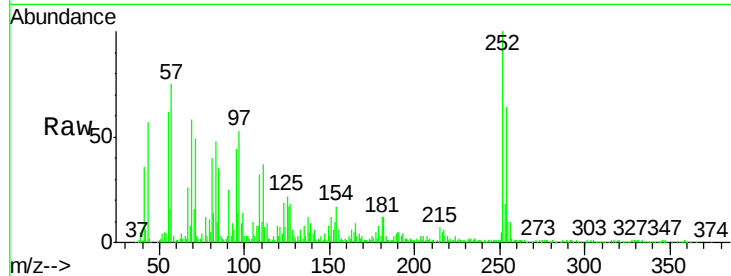
#81
 3,3'-Dichlorobenzidine
 Concen: 22.186 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	17.1	11.3	16.9

Manual Integrations
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 4/12/2018 2:30:30 PM

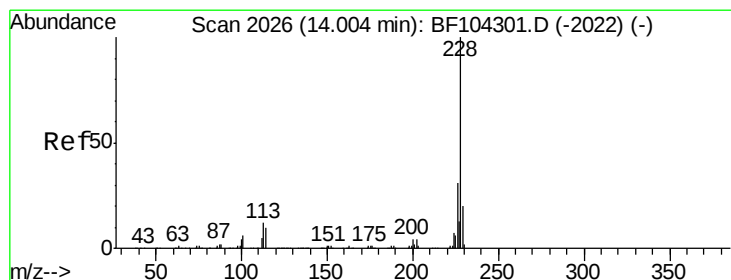
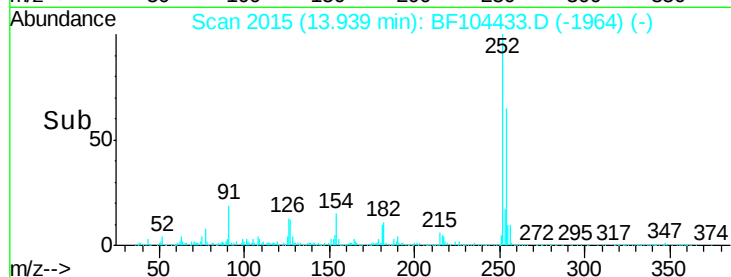
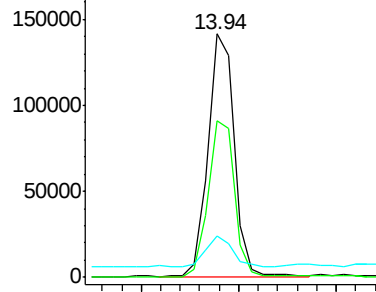


Abundance

Ion 252.00 (251.70 to 252.70): E

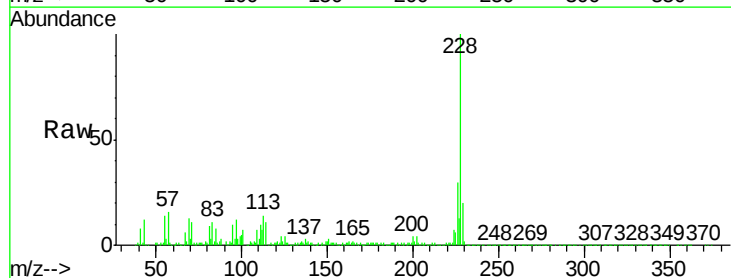
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 33.534 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.0	16.2	24.4

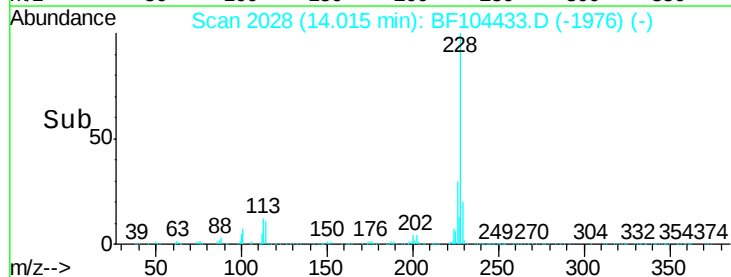
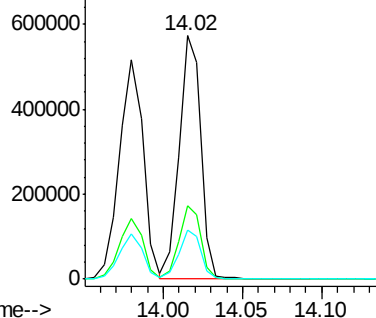


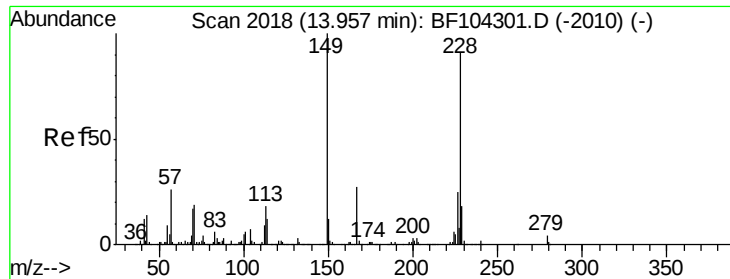
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





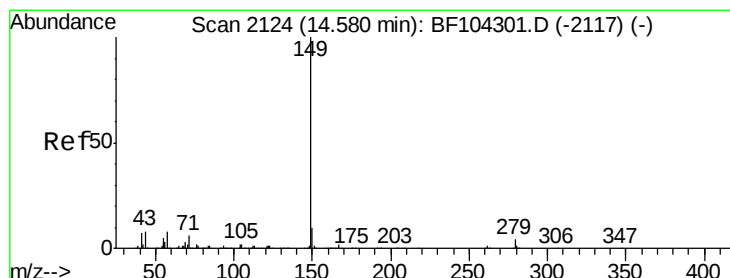
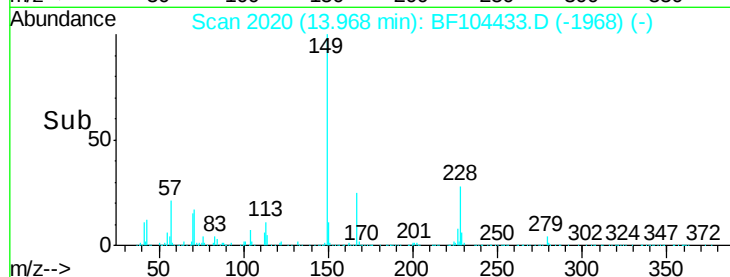
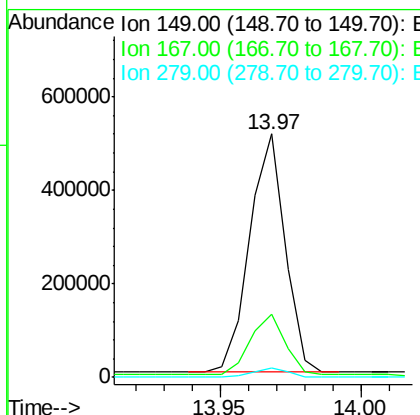
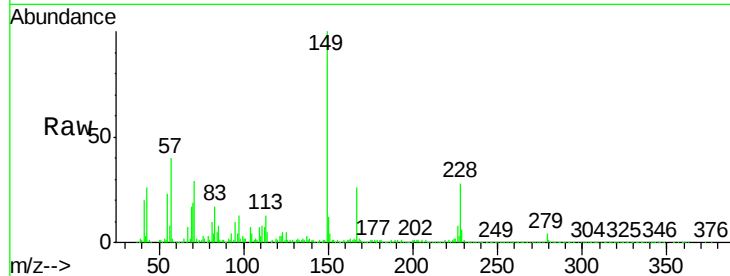
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.397 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.7	3.0	4.4

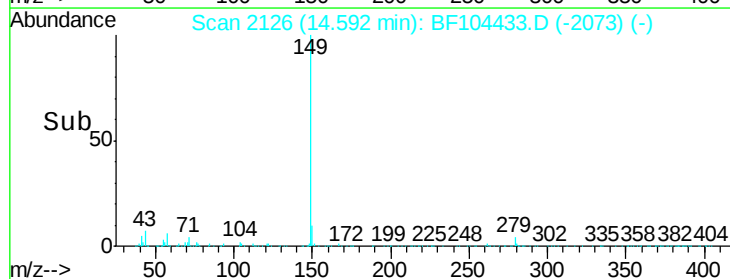
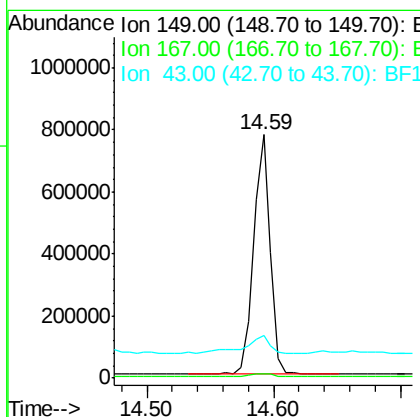
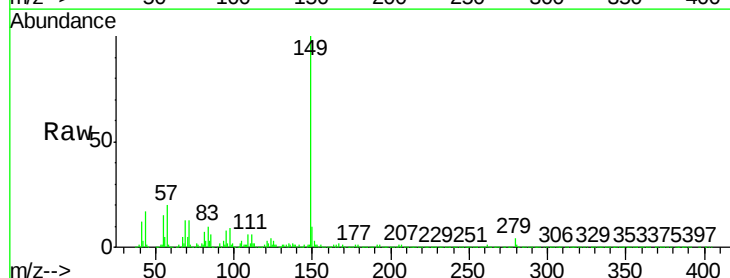
Manual Integrations
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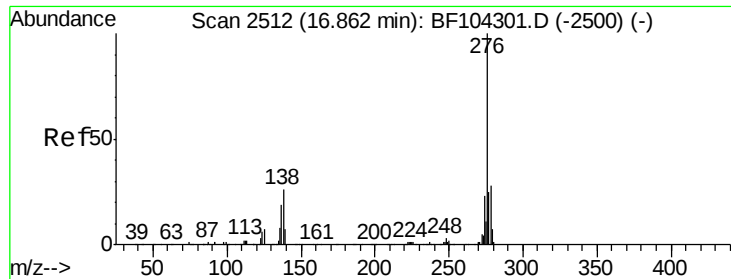
Sohil
 4/12/2018 2:30:30 PM



#84
 Di-n-octyl phthalate
 Concen: 35.345 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.8	8.4	12.6





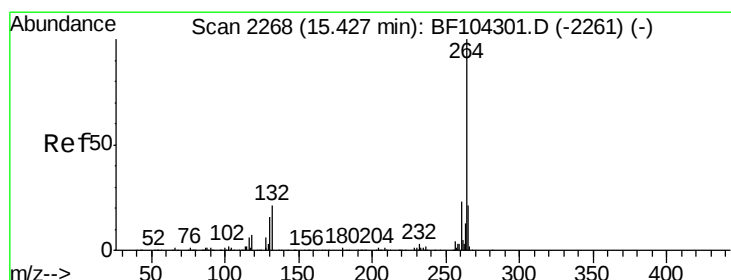
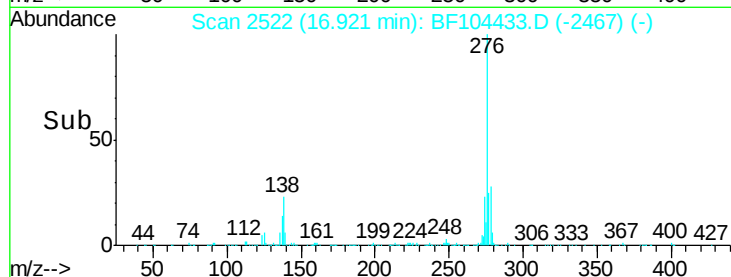
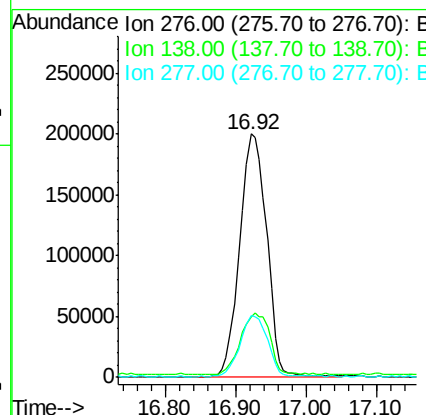
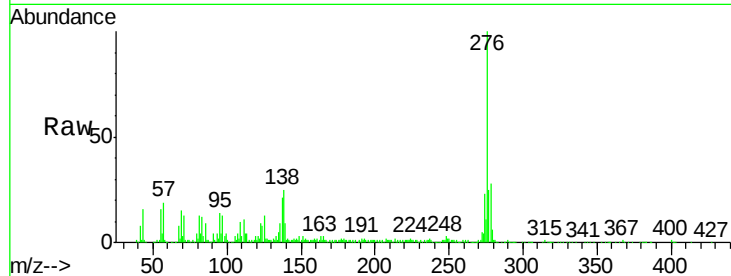
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.410 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.02 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.6	20.1	30.1

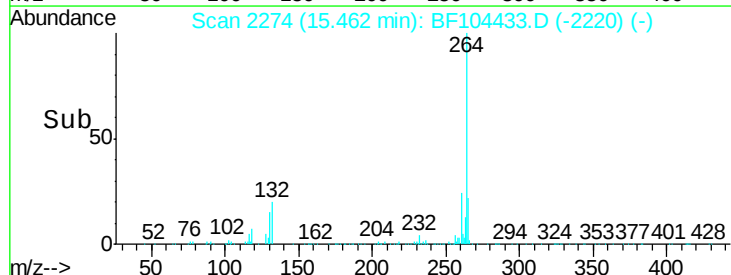
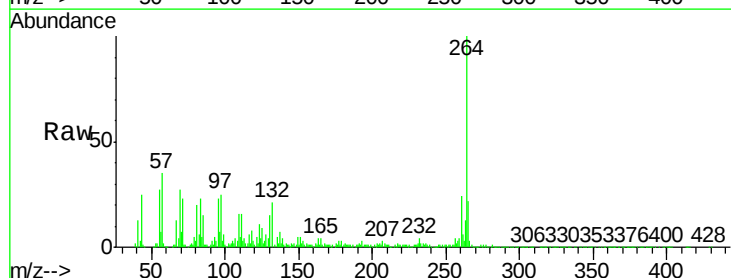
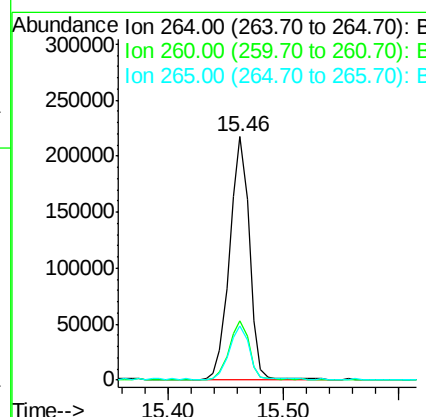
Manual Integrations
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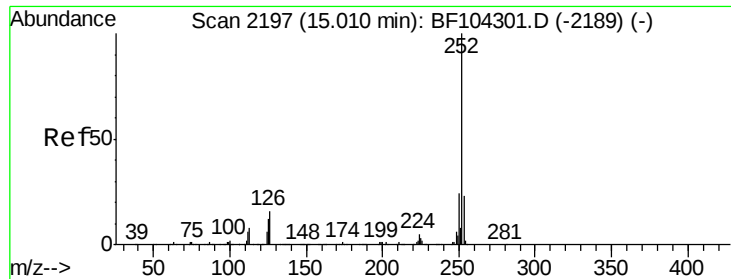
Sohil
 4/12/2018 2:30:30 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.02 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 33.319 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

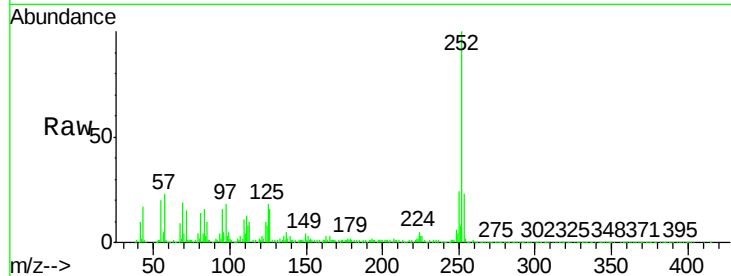
ClientSampleId :

P004-S003-0001-01MSD

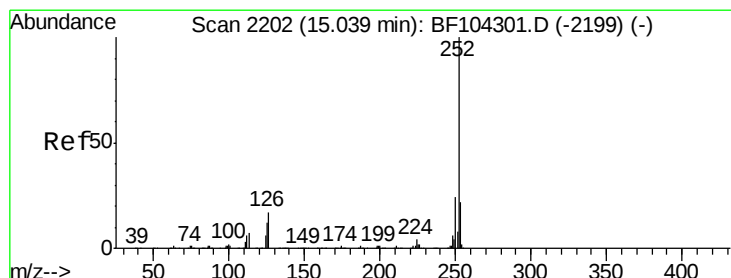
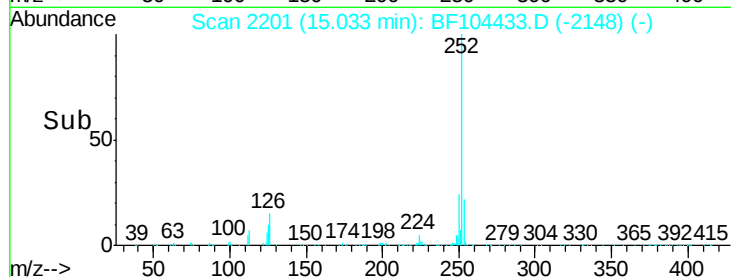
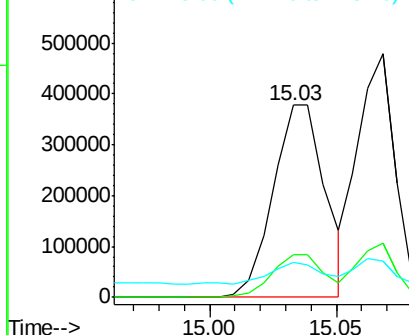
Tot Ion:	252	Resp:	538549
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	18.2	9.0	13.6

Manual Integrations
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Sohil
4/12/2018 2:30:30 PM



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



#88

Benzo(k)fluoranthene

Concen: 32.492 ng

RT: 15.07 min Scan# 2207

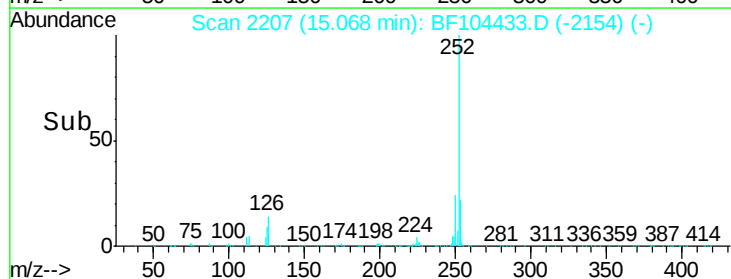
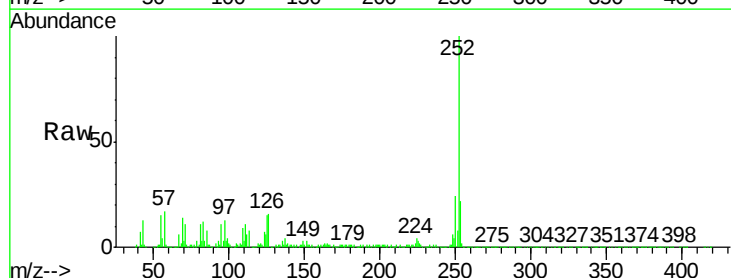
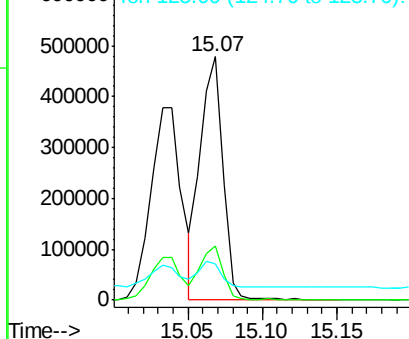
Delta R.T. 0.01 min

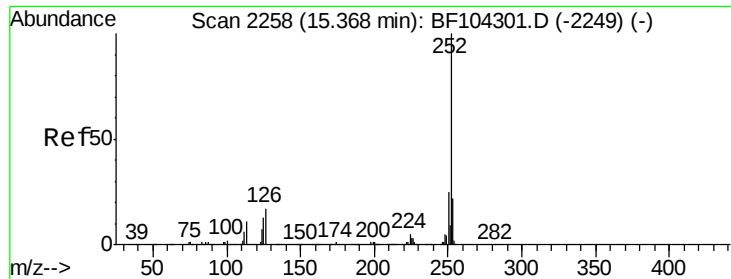
Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:	252	Resp:	495822
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	15.1	10.2	15.2

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





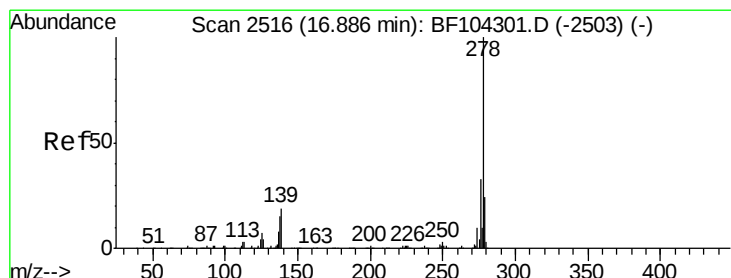
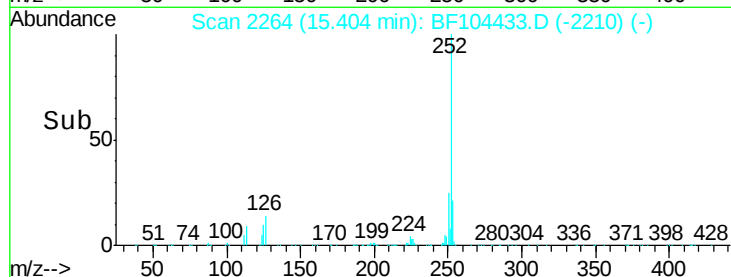
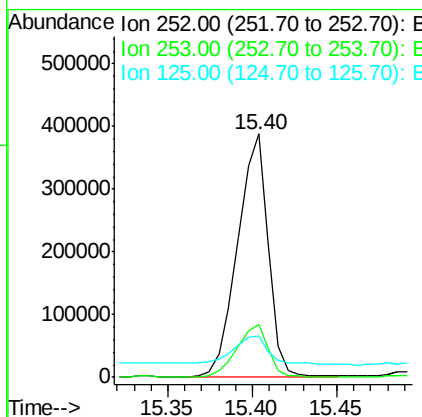
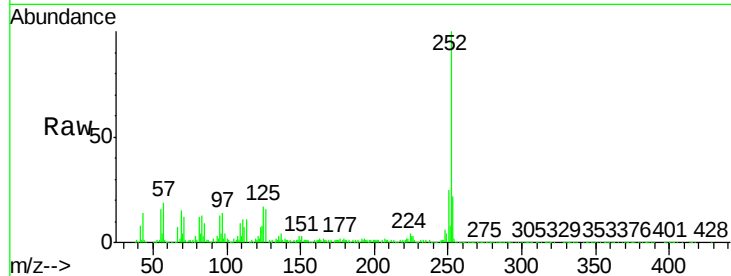
#89
Benzo(a)pyrene
Concen: 33.787 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	16.8	9.8	14.6

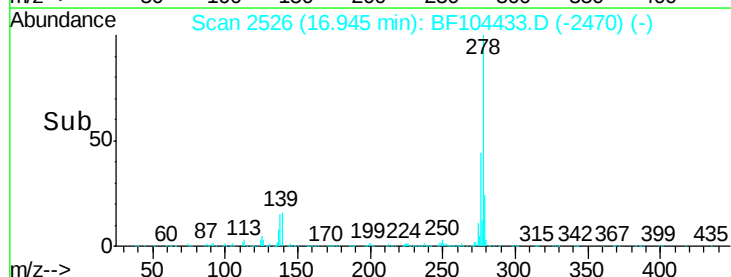
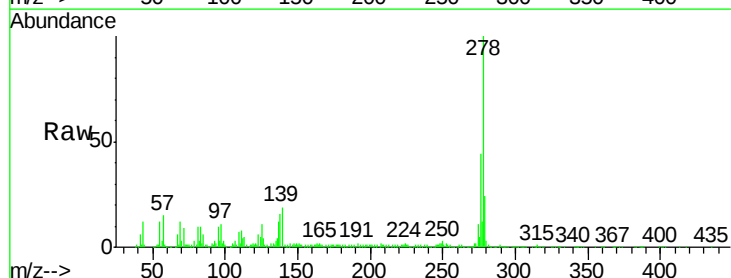
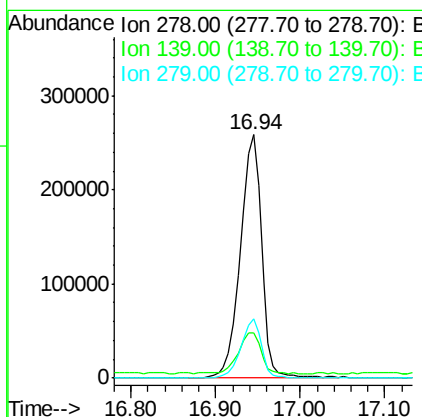
Manual Integrations
APPROVED

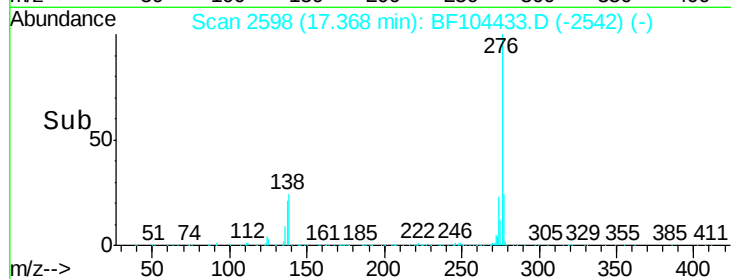
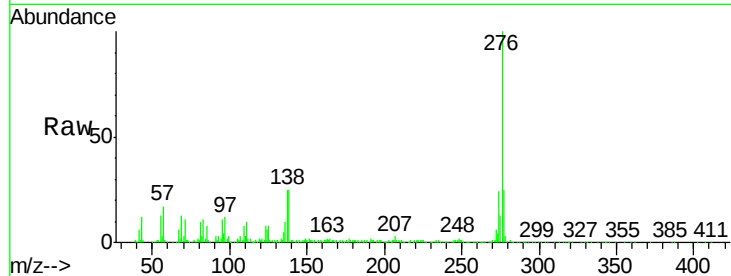
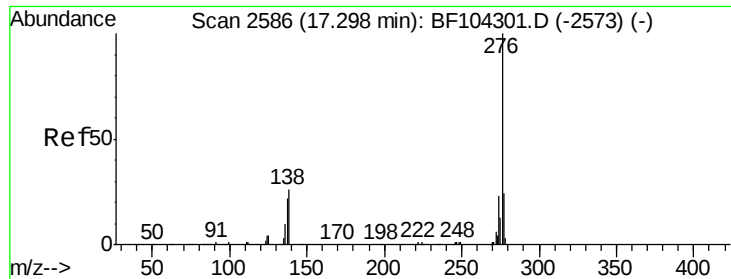
Sohil
4/12/2018 2:30:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.483 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.03 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.961 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.03 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tot Ion:	276	Resp:	436845
Ion Ratio	Lower	Upper	
276	100		
277	24.6	17.9	26.9
138	24.9	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

Manual Integrations
APPROVED

Sohil
4/12/2018 2:30:30 PM

