

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102742.D
 Acq On : 5 Feb 2018 17:11
 Operator : SJ/JU
 Sample : J1399-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:25:34 PM

Quant Time: Feb 06 11:19:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	217921	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	898987	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	399212	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	607122	20.00	ng	0.00
75) Chrysene-d12	14.05	240	347532	20.00	ng	0.00
86) Perylene-d12	15.52	264	344629	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1539673	107.30	ng	0.02
7) Phenol-d6	6.51	99	1636425	94.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1330642	102.68	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	421244	131.10	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2196707	91.31	ng	0.00
78) Terphenyl-d14	12.99	244	1559682	106.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	217809m	30.731	ng	
3) Pyridine	3.57	79	554817m	28.333	ng	
4) n-Nitrosodimethylamine	3.52	42	323509m	38.613	ng	
6) Aniline	6.55	93	271911	10.657	ng	97
8) 2-Chlorophenol	6.67	128	582709	39.444	ng	95
9) Benzaldehyde	6.43	77	216436	16.868	ng	99
10) Phenol	6.52	94	587646	31.737	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	605320	39.287	ng	94
12) 1,3-Dichlorobenzene	6.82	146	630954	36.882	ng	98
13) 1,4-Dichlorobenzene	6.90	146	640228	37.569	ng	100
14) 1,2-Dichlorobenzene	7.05	146	581189	36.616	ng	99
15) Benzyl Alcohol	7.02	79	526834	39.660	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1133912	38.741	ng	96
17) 2-Methylphenol	7.13	107	515131	37.803	ng	99
18) Hexachloroethane	7.39	117	217056	37.144	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	435976	38.272	ng	96
20) 3+4-Methylphenols	7.28	107	578411	34.421	ng	# 80
22) Acetophenone	7.29	105	854677	38.851	ng	# 94
24) Nitrobenzene	7.46	77	668343	43.842	ng	98
25) Isophorone	7.70	82	1266917	42.456	ng	99
26) 2-Nitrophenol	7.78	139	323489	50.995	ng	99
27) 2,4-Dimethylphenol	7.82	122	584667	46.376	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	785058	44.411	ng	99
29) 2,4-Dichlorophenol	8.02	162	511865	44.663	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	520060	40.112	ng	99
31) Naphthalene	8.19	128	1941656	44.206	ng	99
32) Benzoic acid	7.93	122	363267m	42.765	ng	
33) 4-Chloroaniline	8.23	127	93201	4.926	ng	95
34) Hexachlorobutadiene	8.30	225	256681	38.635	ng	98
35) Caprolactam	8.60	113	116141m	29.180	ng	
36) 4-Chloro-3-methylphenol	8.71	107	563741	43.779	ng	99
37) 2-Methylnaphthalene	8.88	142	1188373	41.325	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	447610	41.179	ng	99
40) Hexachlorocyclopentadiene	9.03	237	200278	38.759	ng	98

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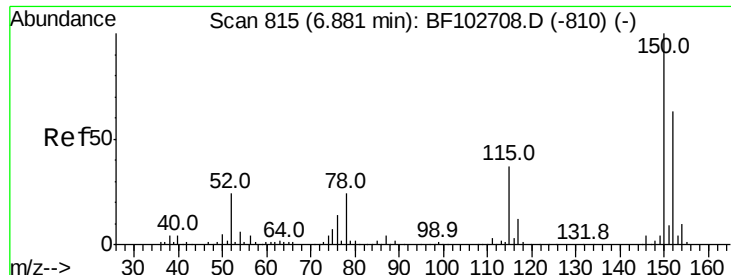
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	342539m	47.977	nq	
43) 2,4,5-Trichlorophenol	9.20	196	348614m	43.322	nq	
45) 1,1'-Biphenyl	9.35	154	1340297	39.861	nq	99
46) 2-Chloronaphthalene	9.37	162	1062996	40.156	nq	99
47) 2-Nitroaniline	9.46	65	376863	46.271	nq	90
48) Acenaphthylene	9.79	152	1586257	38.581	nq	99
49) Dimethylphthalate	9.65	163	1283353	41.229	nq	100
50) 2,6-Dinitrotoluene	9.70	165	281960	47.612	nq	94
51) Acenaphthene	9.96	154	982606	39.963	nq	99
52) 3-Nitroaniline	9.87	138	152564	20.937	nq	96
53) 2,4-Dinitrophenol	9.97	184	93115	58.280	nq	# 19
54) Dibenzofuran	10.13	168	1419380	40.962	nq	97
55) 4-Nitrophenol	10.03	139	411323	69.258	nq	94
56) 2,4-Dinitrotoluene	10.11	165	357718	45.229	nq	96
57) Fluorene	10.47	166	1015368	40.274	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	258687	46.382	nq	99
59) Diethylphthalate	10.34	149	1234816	40.176	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	466325	41.813	nq	99
61) 4-Nitroaniline	10.49	138	264055	38.071	nq	90
62) Azobenzene	10.62	77	1192681	38.843	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	69454	32.366	nq	88
65) n-Nitrosodiphenylamine	10.58	169	969103	45.253	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	296773	46.210	nq	97
67) Hexachlorobenzene	11.02	284	299006	42.203	nq	# 90
68) Atrazine	11.11	200	283117	44.814	nq	97
69) Pentachlorophenol	11.21	266	315131	75.771	nq	98
70) Phenanthrene	11.43	178	1374622	40.654	nq	99
71) Anthracene	11.49	178	1408045	40.943	nq	100
72) Carbazole	11.64	167	1313872	38.996	nq	99
73) Di-n-butylphthalate	11.97	149	1817073	44.398	nq	99
74) Fluoranthene	12.62	202	1203624	35.380	nq	99
76) Benzidine	12.74	184	358367	22.436	nq	98
77) Pyrene	12.85	202	1194216	43.821	nq	99
79) Butylbenzylphthalate	13.46	149	642477	49.259	nq	97
80) Benzo(a)anthracene	14.04	228	937213	42.880	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	303615	37.465	nq	100
82) Chrysene	14.07	228	913196	41.448	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	865319	51.833	nq	99
84) Di-n-octyl phthalate	14.63	149	1406314	56.103	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825110	45.154	nq	99
87) Benzo(b)fluoranthene	15.09	252	923644	41.338	nq	98
88) Benzo(k)fluoranthene	15.12	252	907662	42.515	nq	99
89) Benzo(a)pyrene	15.46	252	875343	43.524	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	710038	43.496	nq	98
91) Benzo(g,h,i)perylene	17.47	276	667100	41.751	nq	99

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



#1

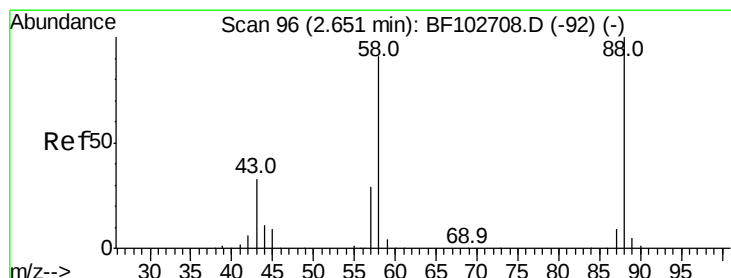
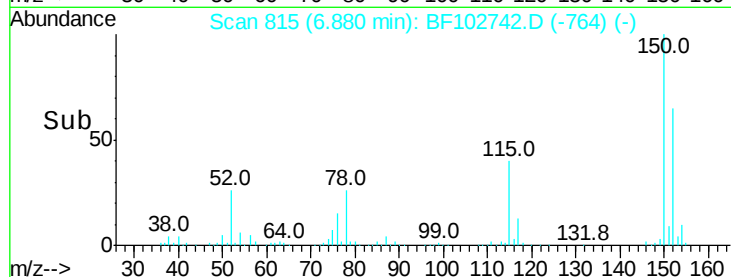
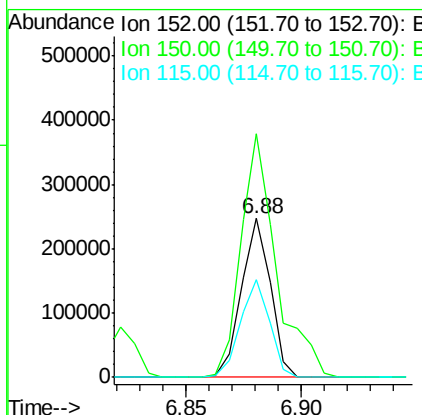
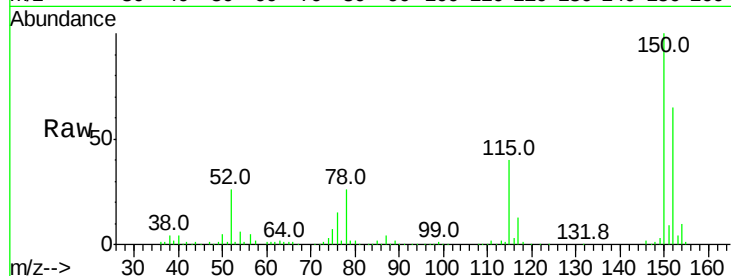
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	61.1	50.1	75.1

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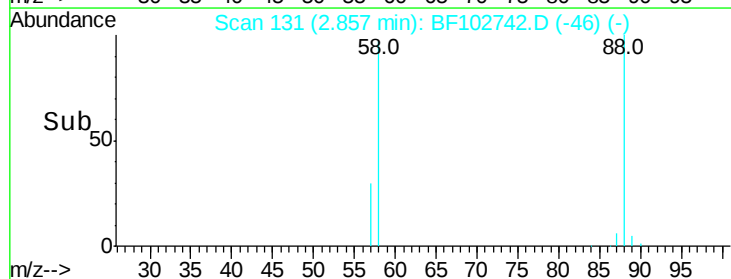
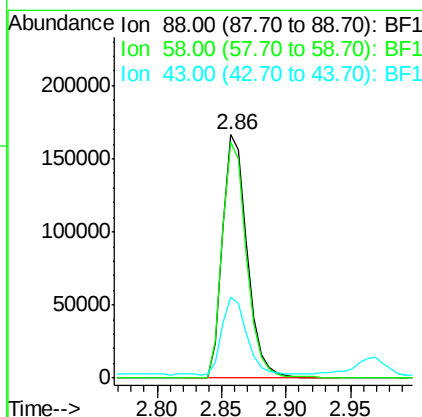
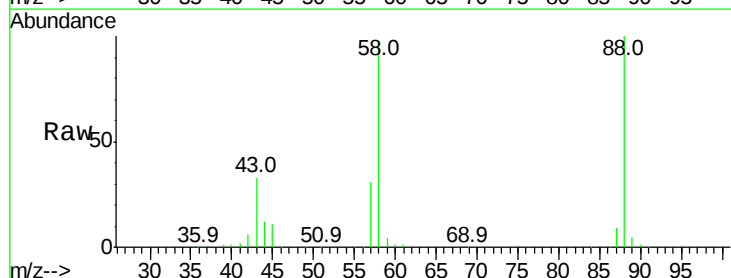
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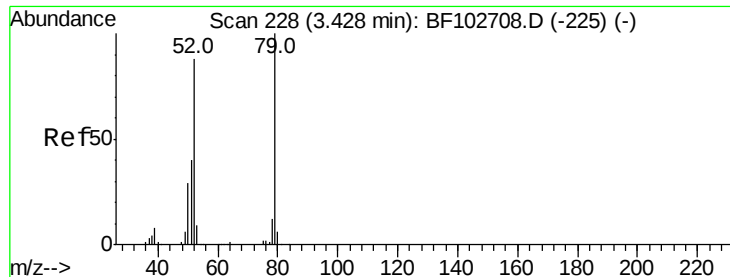


#2

1,4-Dioxane
Concen: 30.731 ng m
RT: 2.86 min Scan# 131
Delta R.T. 0.20 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 28.333 ng m

RT: 3.57 min Scan# 253

Delta R.T. 0.14 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion: 79 Resp: 554817

Ion Ratio Lower Upper

79 100

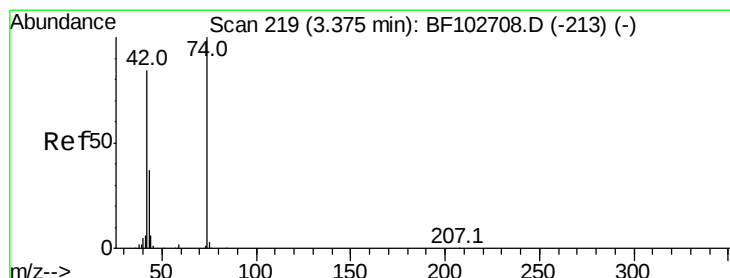
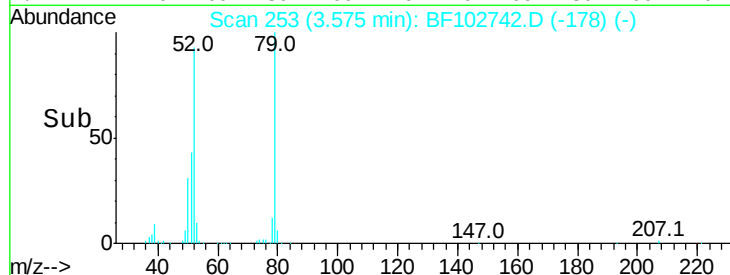
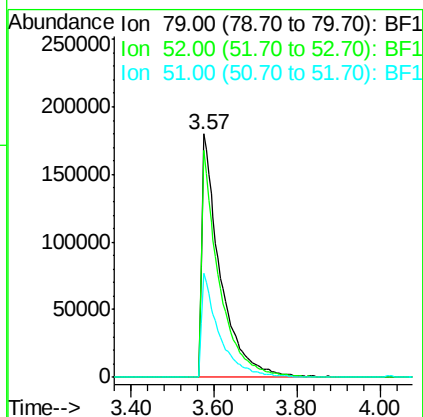
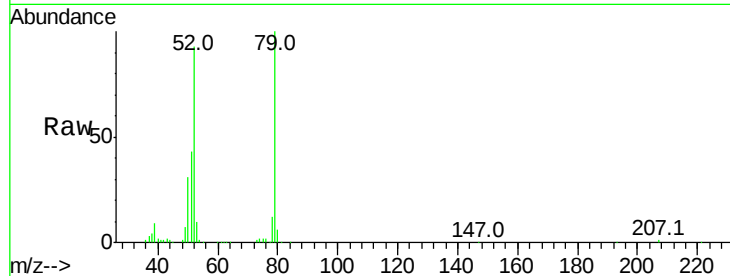
52 93.3 59.8 89.6#

51 42.5 29.8 44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.613 ng m

RT: 3.52 min Scan# 243

Delta R.T. 0.13 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

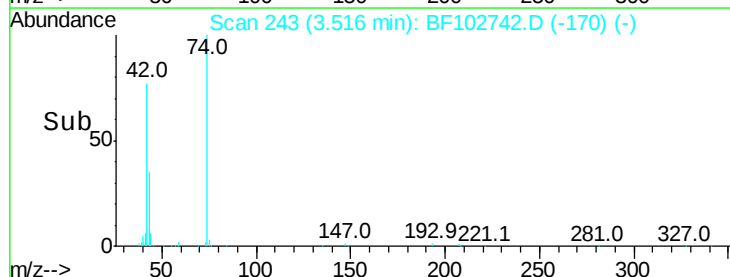
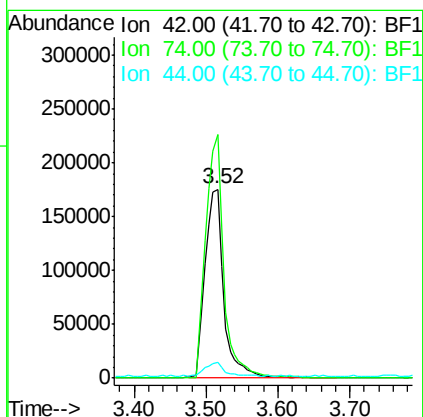
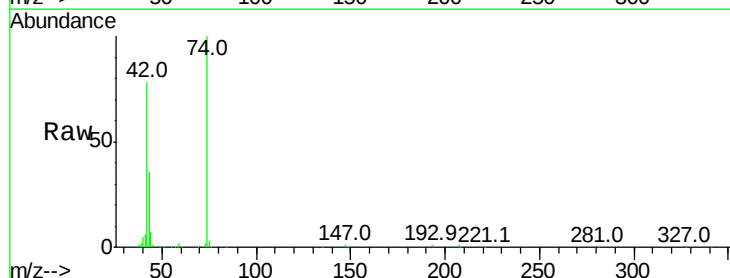
Tgt Ion: 42 Resp: 323509

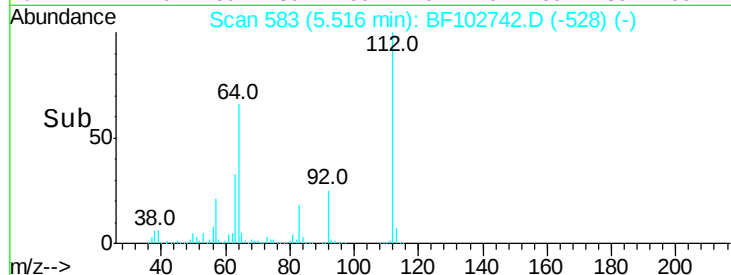
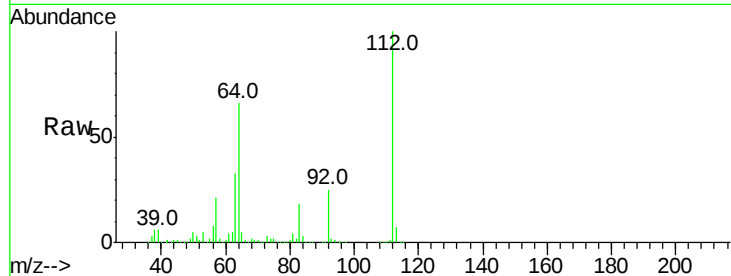
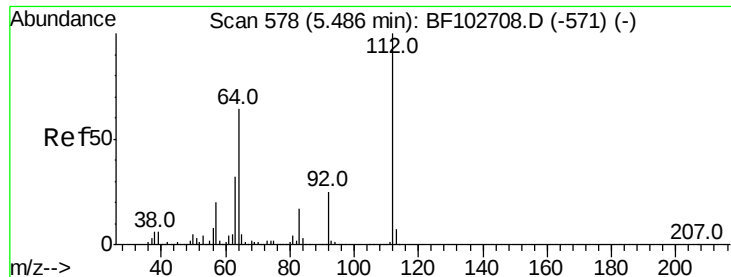
Ion Ratio Lower Upper

42 100

74 128.7 104.9 157.3

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 107.298 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tot Ion: 112 Resp: 1539673

Ion Ratio Lower Upper

112 100

64 65.8 47.9 71.9

63 33.5 23.7 35.5

Instrument :

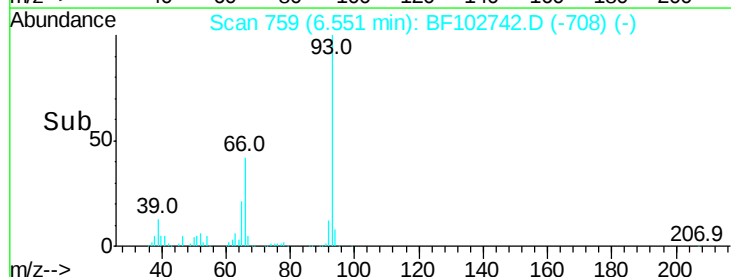
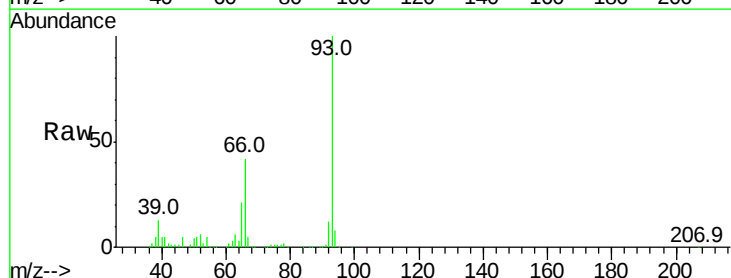
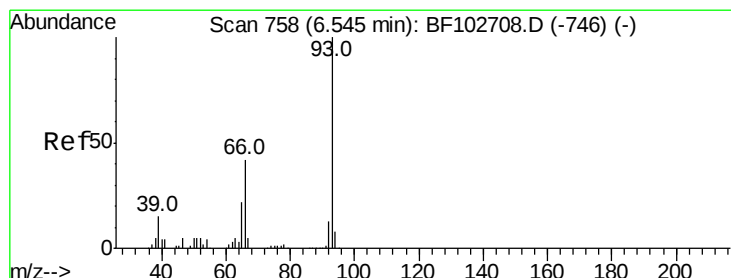
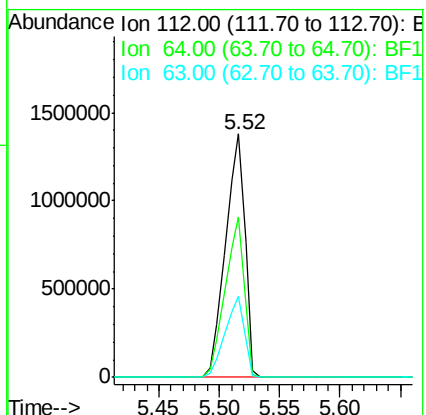
BNA_F

ClientSampleId :

OR-01-020218-AMS

Manual Integrations
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#6

Aniline

Concen: 10.657 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

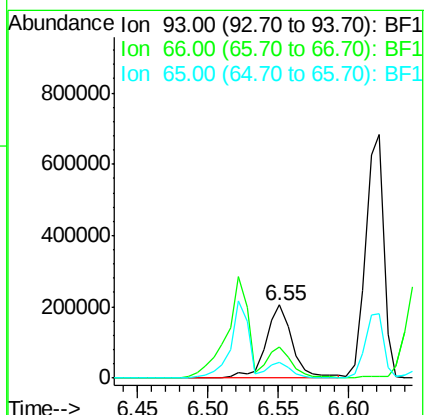
Tgt Ion: 93 Resp: 271911

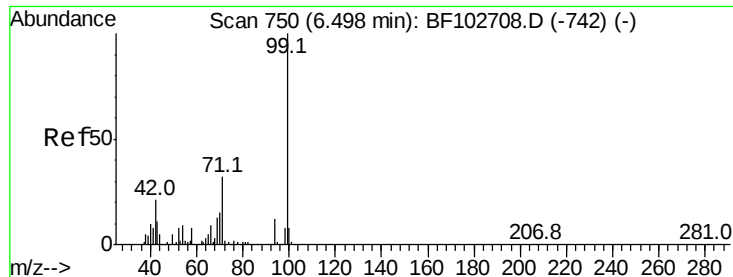
Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

65 20.8 16.4 24.6





#7

Phenol-d6

Concen: 94.713 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion: 99 Resp: 1636425

Ion Ratio Lower Upper

99 100

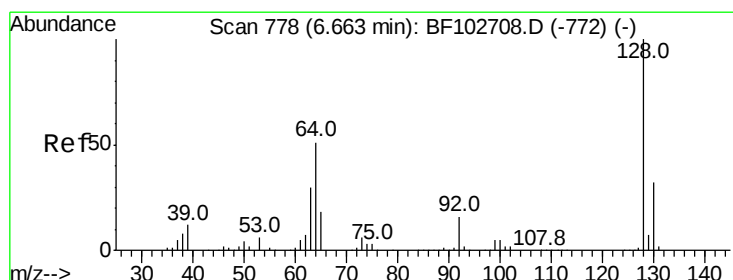
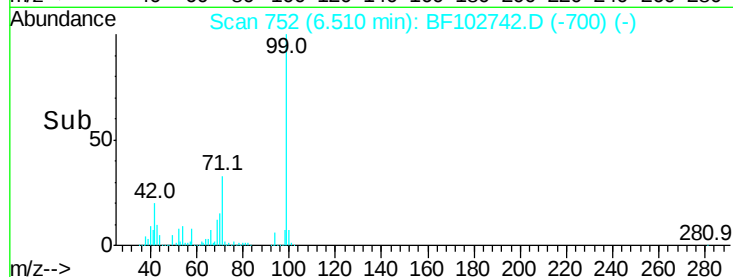
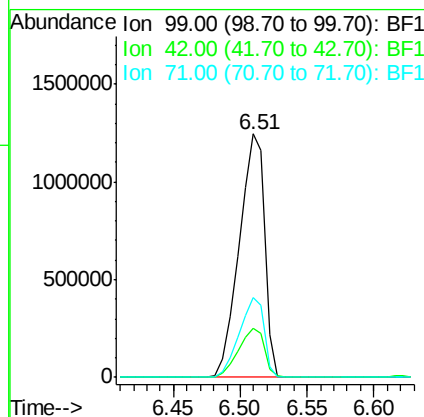
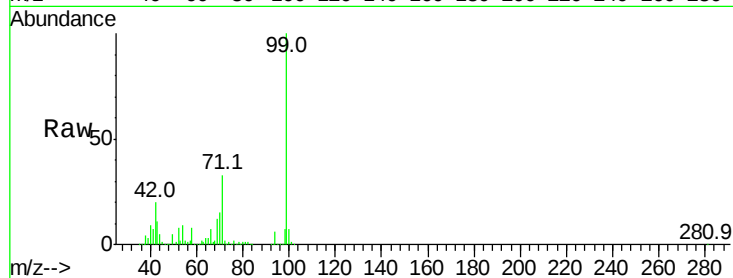
42 20.3 14.5 21.7

71 32.7 25.4 38.0

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#8

2-Chlorophenol

Concen: 39.444 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

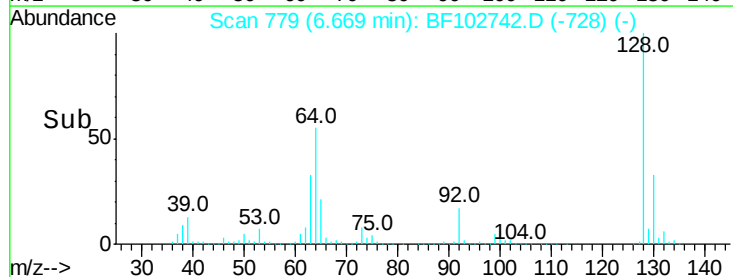
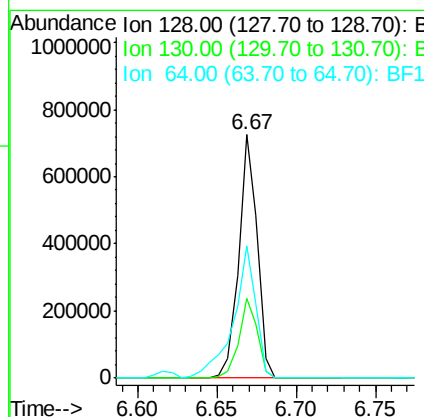
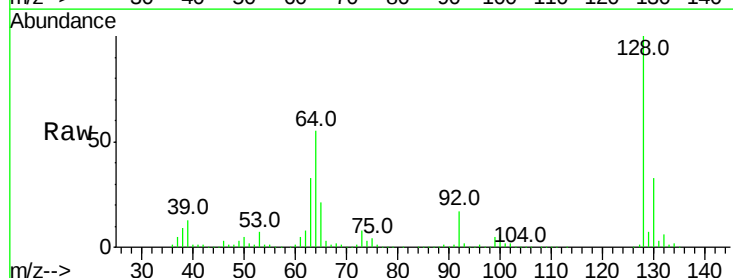
Tgt Ion: 128 Resp: 582709

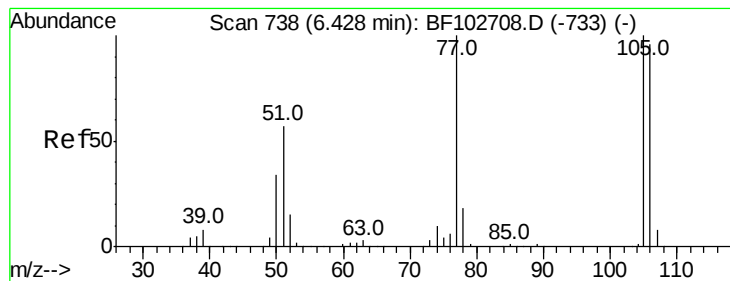
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 54.6 29.4 69.4





#9

Benzaldehyde

Concen: 16.868 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

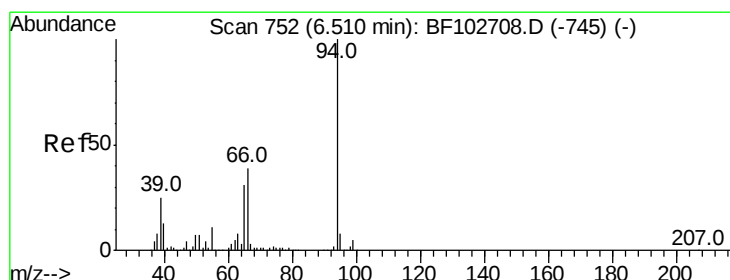
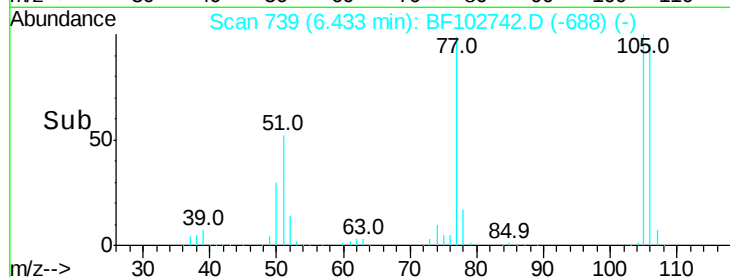
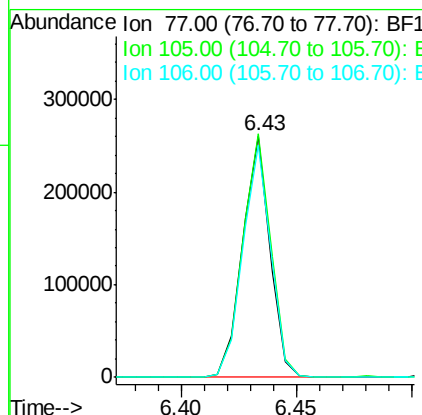
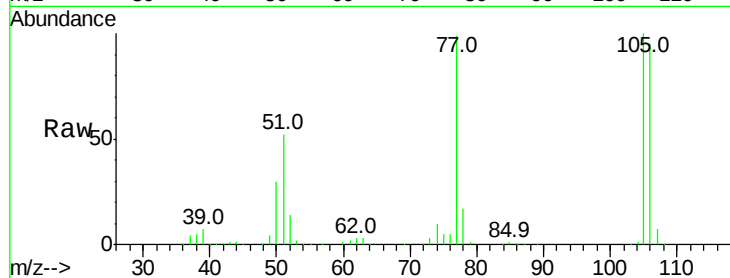
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	77	Resp:	216436
Ion Ratio	Lower	Upper	
77	100		
105	101.0	81.1	121.1
106	96.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 31.737 ng

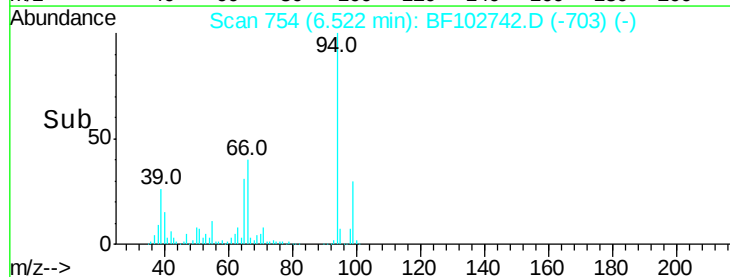
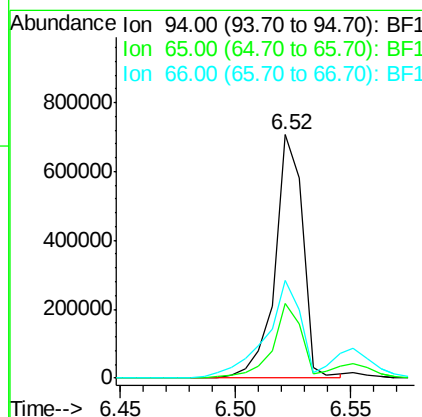
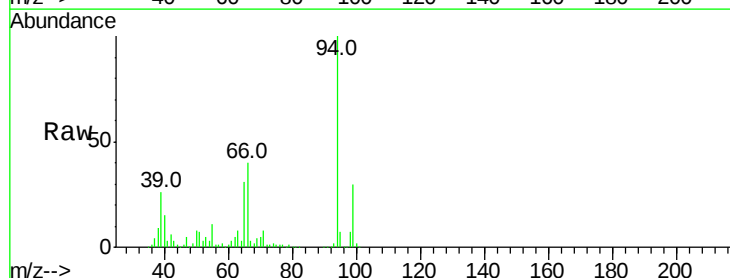
RT: 6.52 min Scan# 754

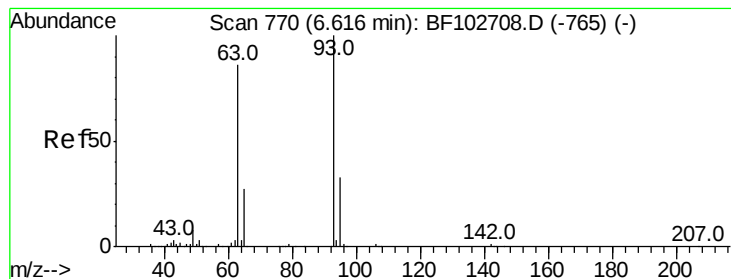
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	94	Resp:	587646
Ion Ratio	Lower	Upper	
94	100		
65	30.8	7.9	47.9
66	40.4	16.2	56.2





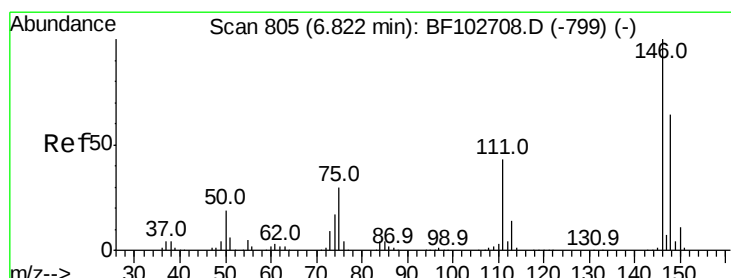
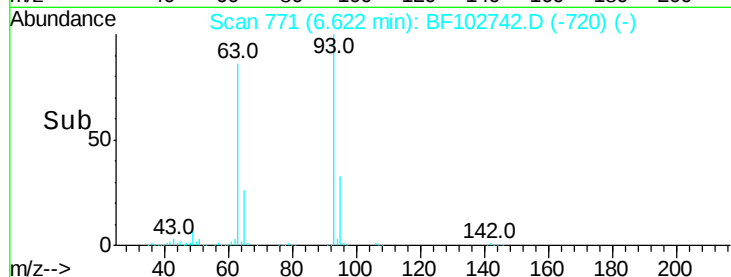
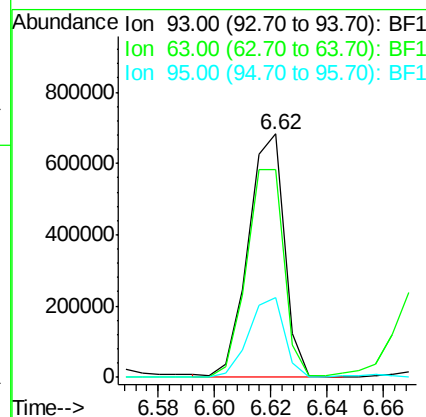
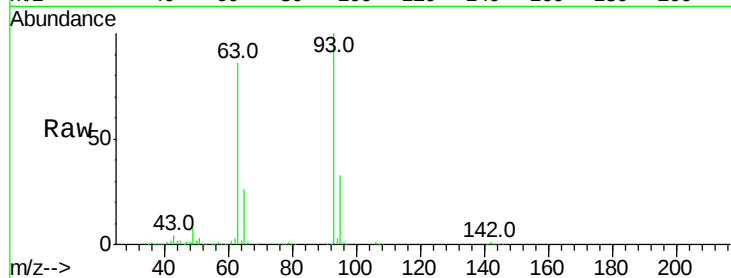
#11
bis(2-Chloroethyl)ether
Concen: 39.287 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	605320		
63	85.5	58.6	98.6	
95	33.0	11.8	51.8	

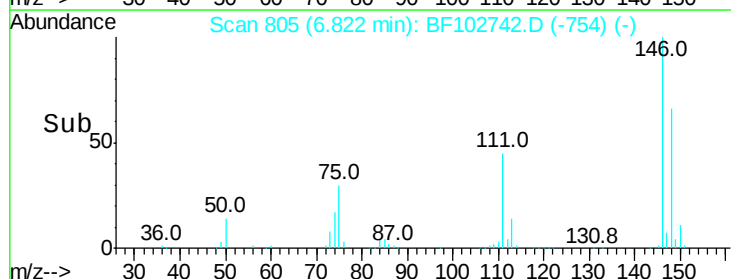
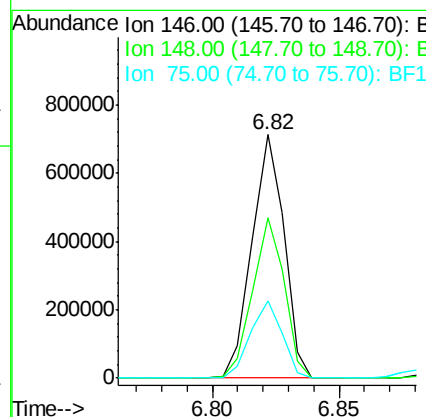
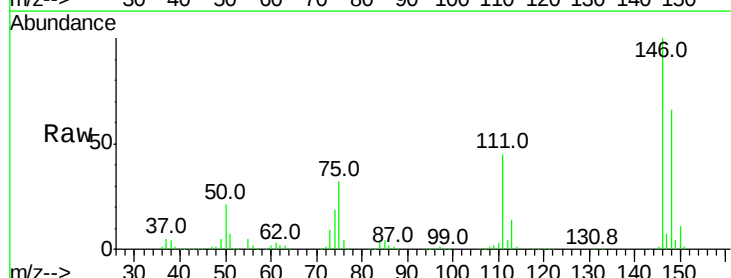
Manual Integrations
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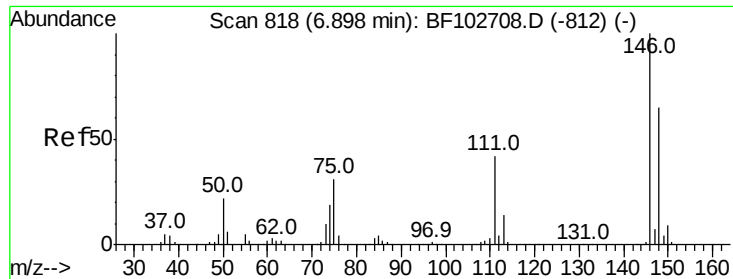
Sohil
2/6/2018 2:25:34 PM



#12
1,3-Dichlorobenzene
Concen: 36.882 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	630954		
148	65.8	51.8	77.8	
75	31.6	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 37.569 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

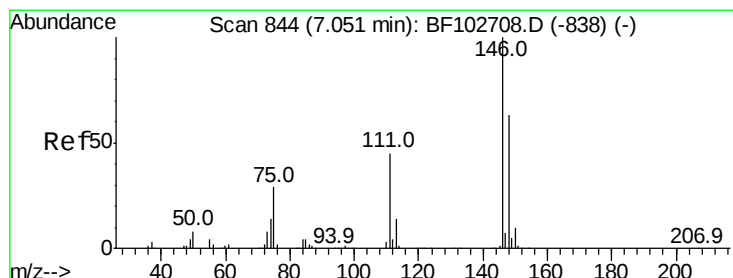
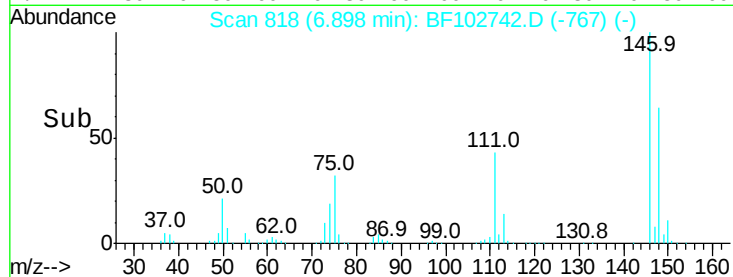
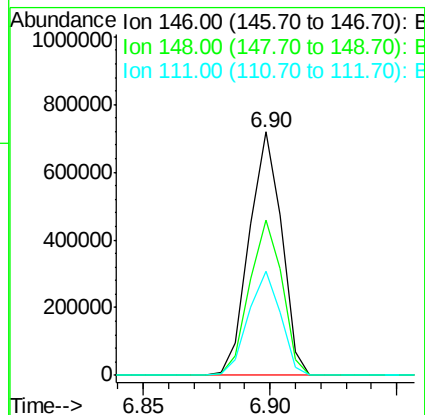
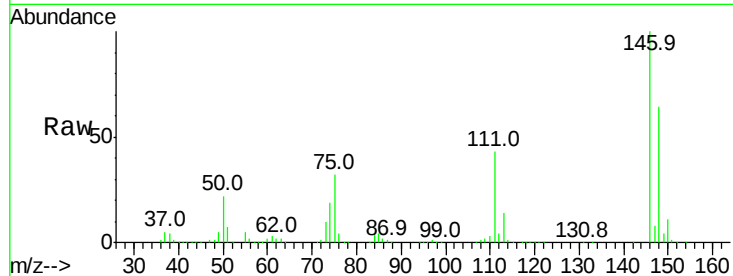
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	146	Resp:	640228
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	42.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.616 ng

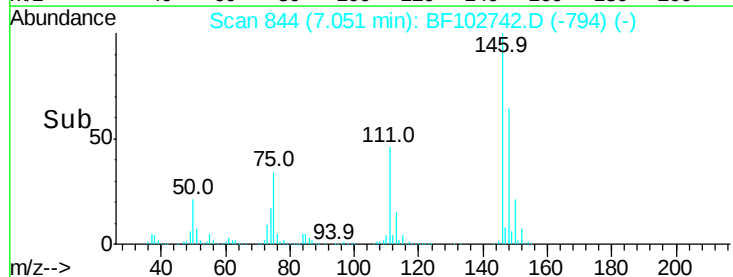
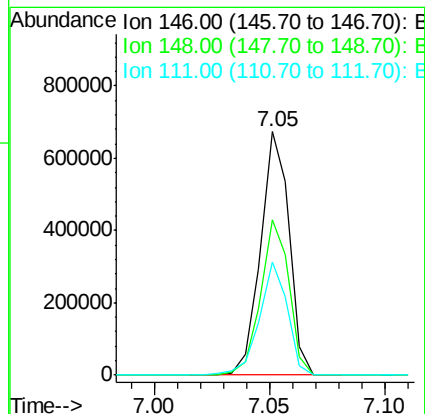
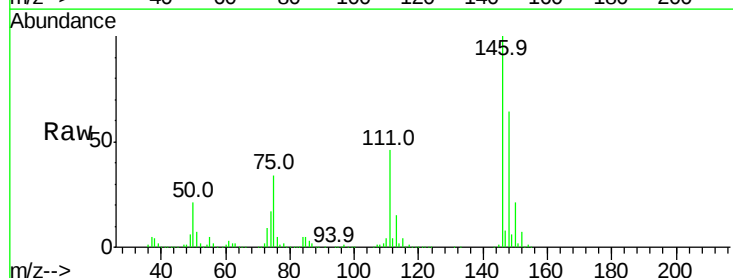
RT: 7.05 min Scan# 844

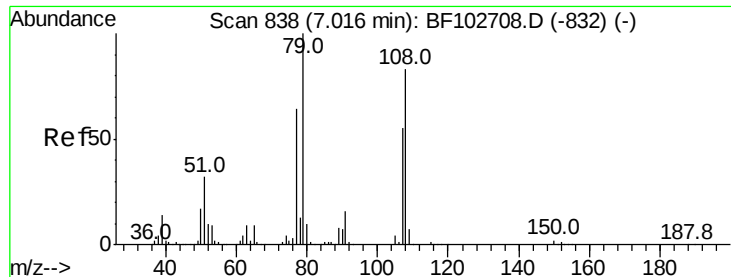
Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	146	Resp:	581189
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	46.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.660 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

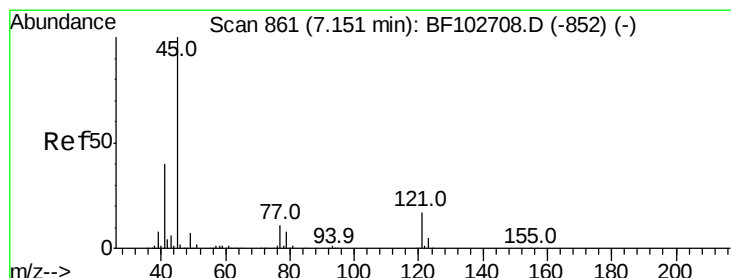
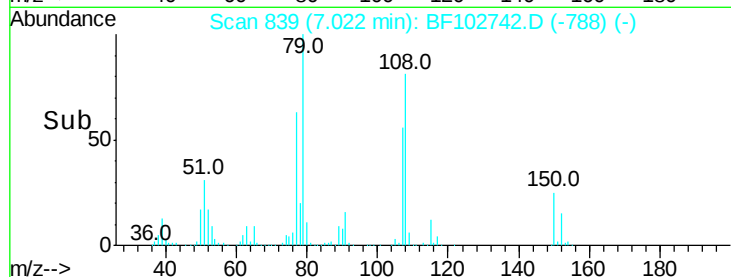
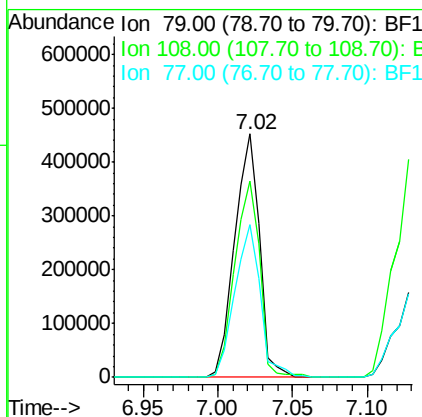
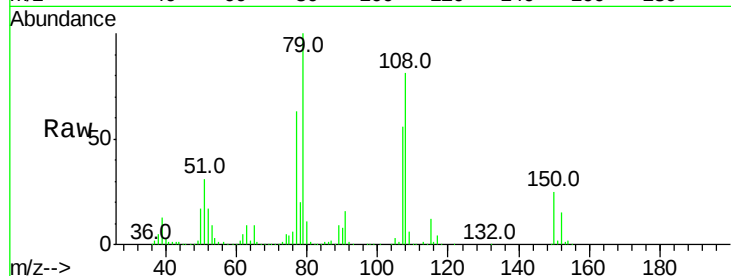
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	79	Resp:	526834
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.741 ng

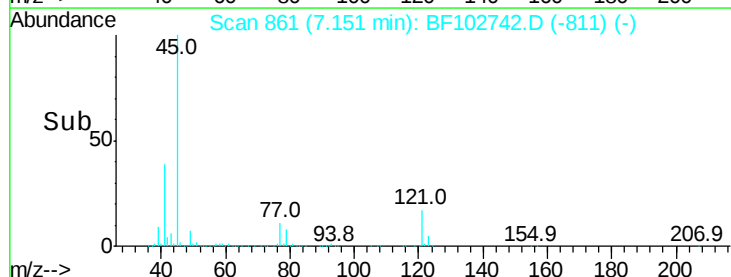
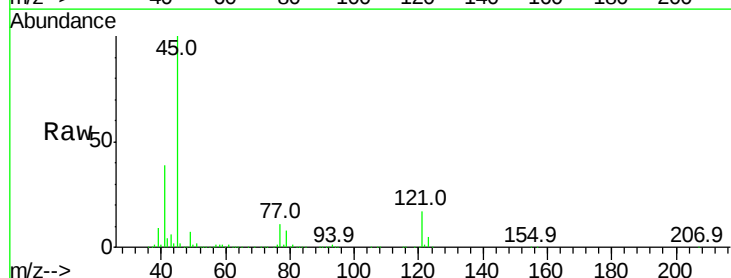
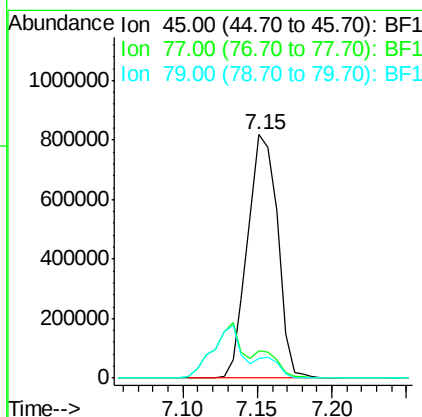
RT: 7.15 min Scan# 861

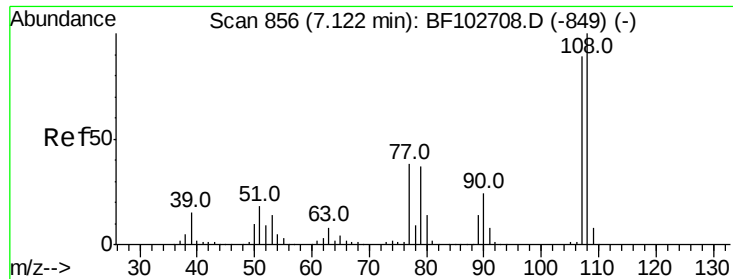
Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	45	Resp:	1133912
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.9
79	8.1	0.0	29.6





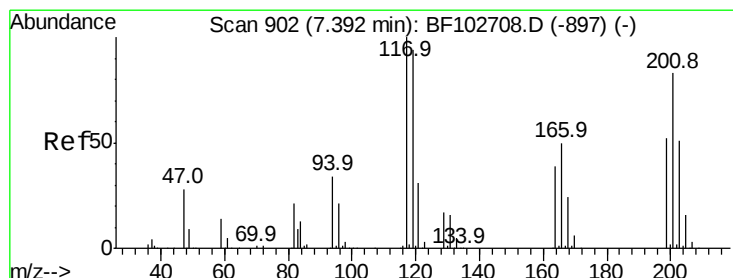
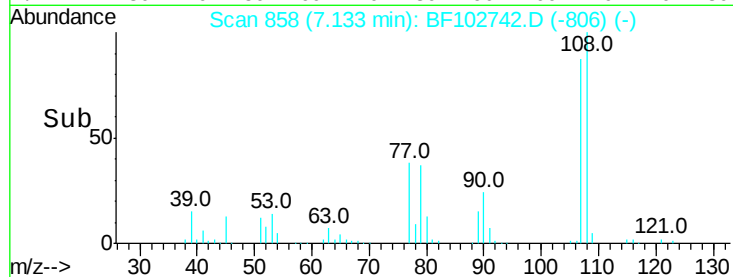
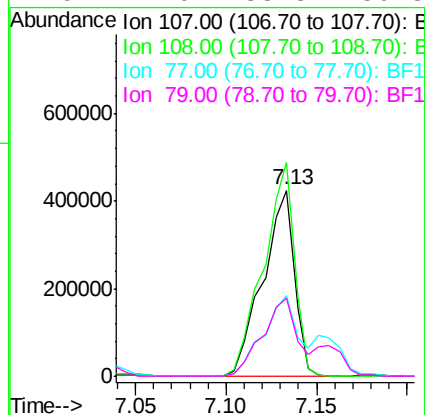
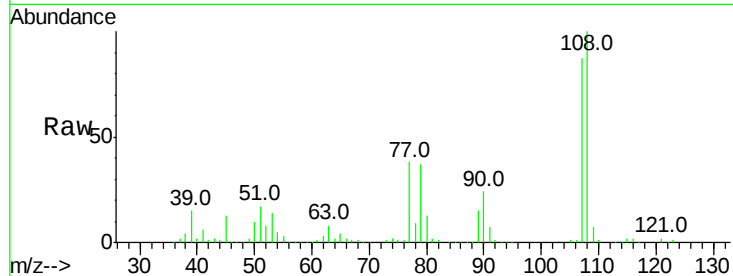
#17
2-Methylphenol
Concen: 37.803 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	107	Resp	515131
Ion Ratio	Lower	Upper	
107	100		
108	114.8	91.7	137.5
77	43.4	33.8	50.8
79	42.0	33.8	50.8

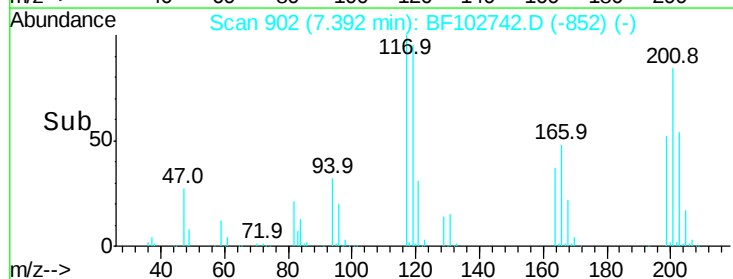
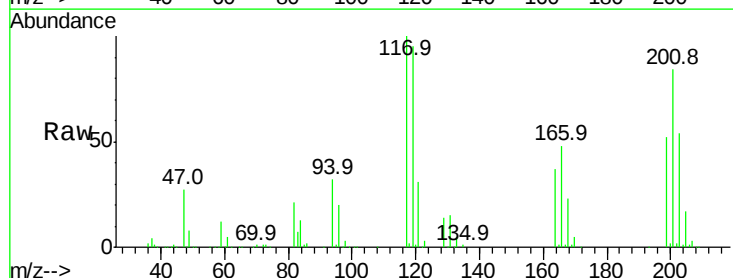
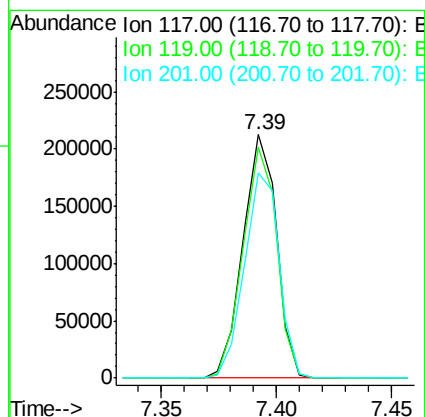
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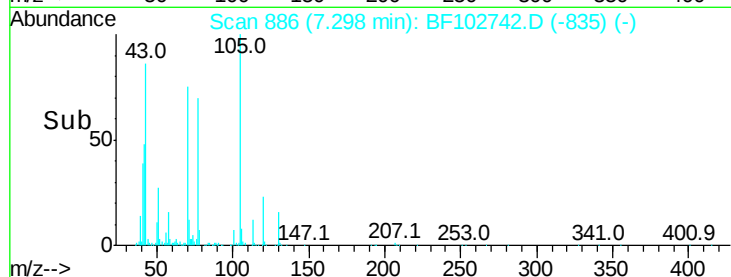
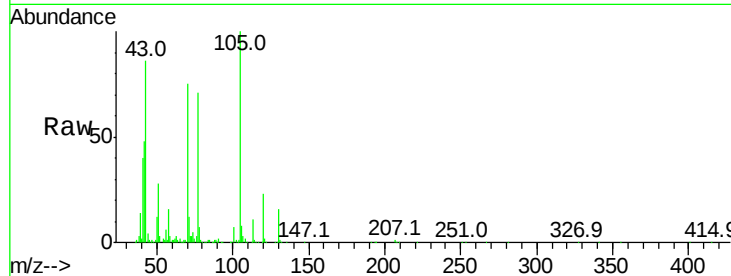
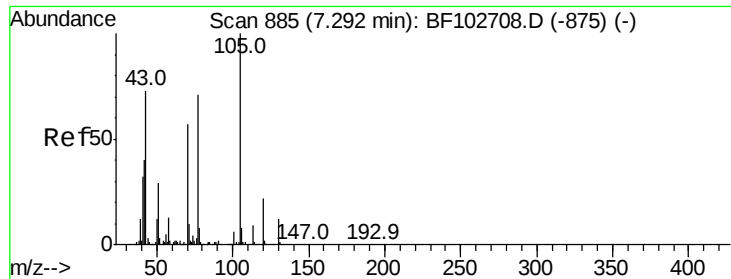
Sohil
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#18
Hexachloroethane
Concen: 37.144 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	117	Resp	217056
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	84.4	75.7	113.5





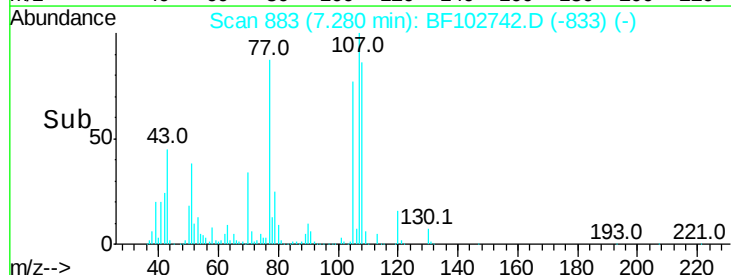
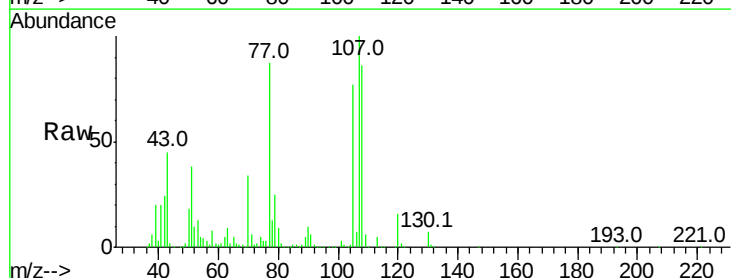
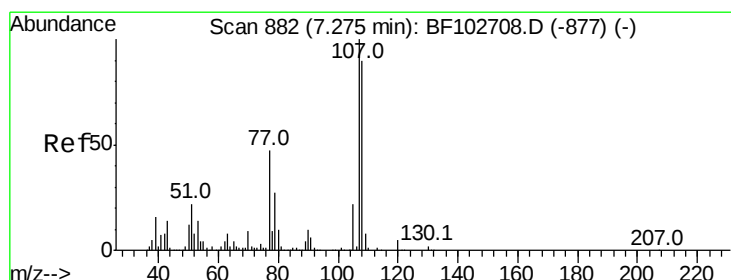
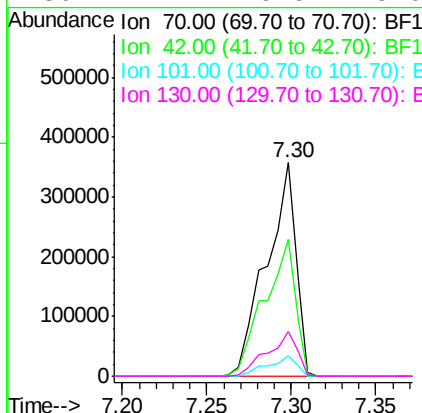
#19
n-Nitroso-di-n-propylamine
Concen: 38.272 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		435976		
42	64.3	47.5	71.3		
101	9.4	7.4	11.2		
130	21.1	16.6	25.0		

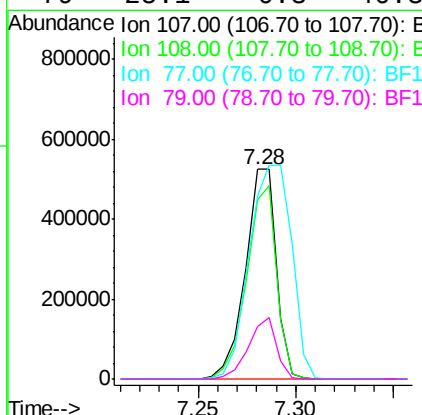
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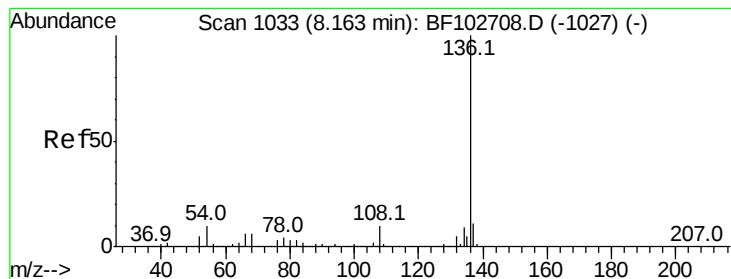
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#20
3+4-Methylphenols
Concen: 34.421 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		578411		
108	85.6	68.2	108.2		
77	87.5	26.7	66.7#		
79	25.1	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

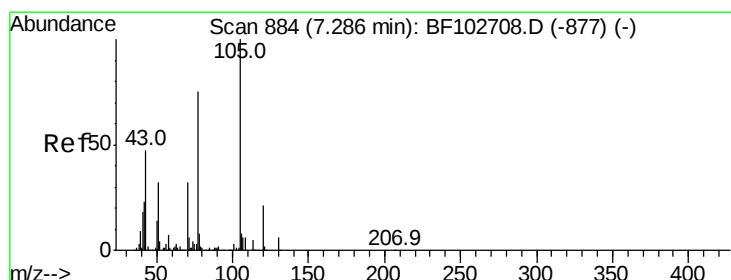
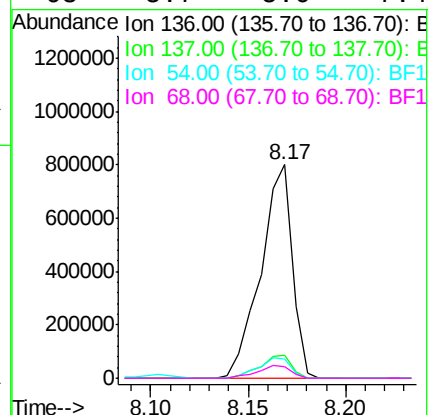
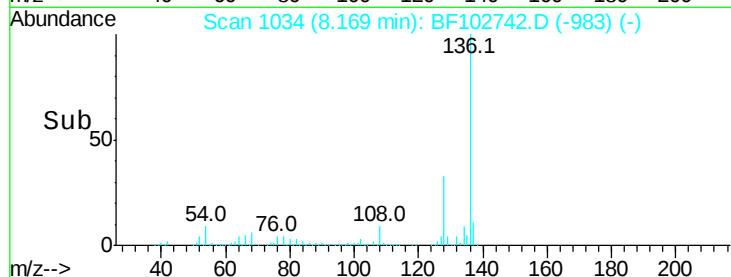
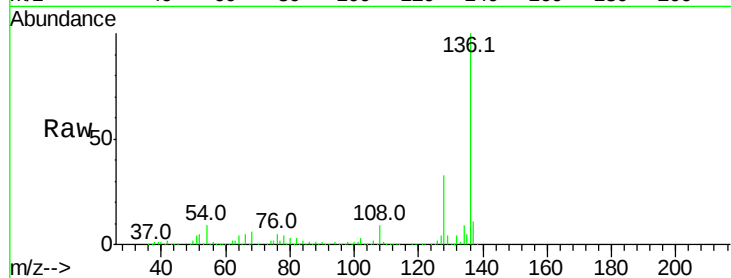
ClientSampleId :

OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	898987		
137	10.9	8.9	13.3	
54	8.7	6.6	9.8	
68	5.7	5.0	7.4	

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#22

Acetophenone

Concen: 38.851 ng

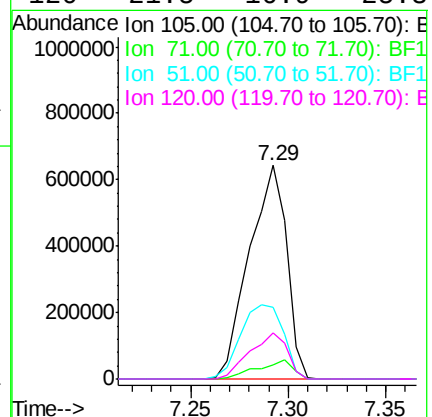
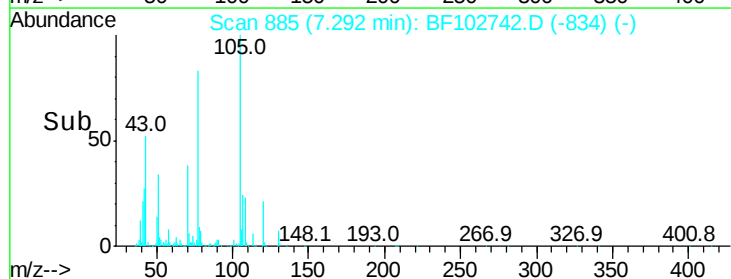
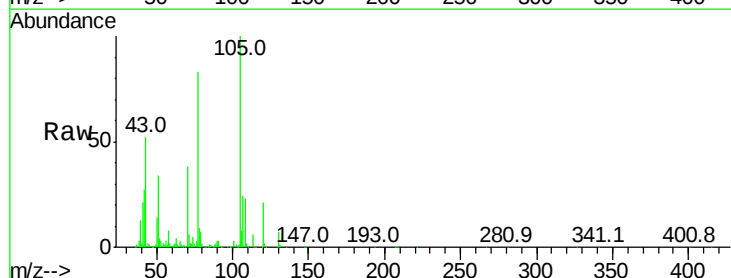
RT: 7.29 min Scan# 885

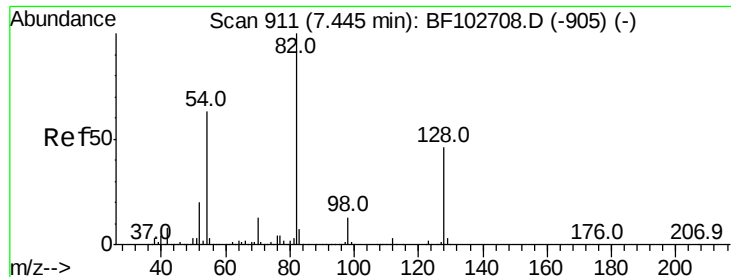
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	854677		
71	6.4	4.4	6.6	
51	33.7	22.3	33.5	
120	21.5	16.9	25.3	





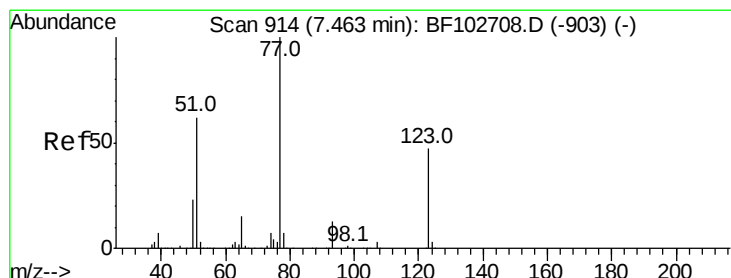
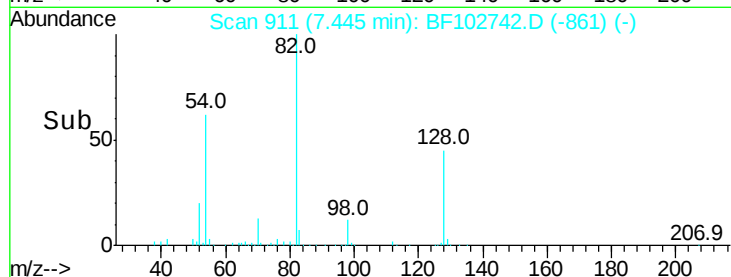
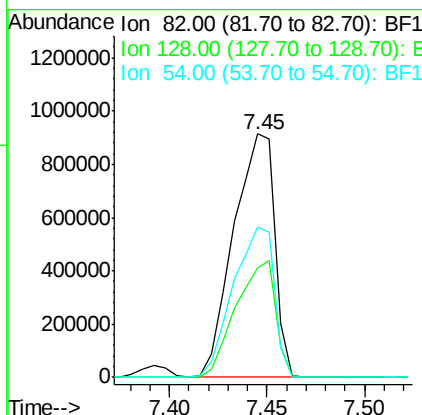
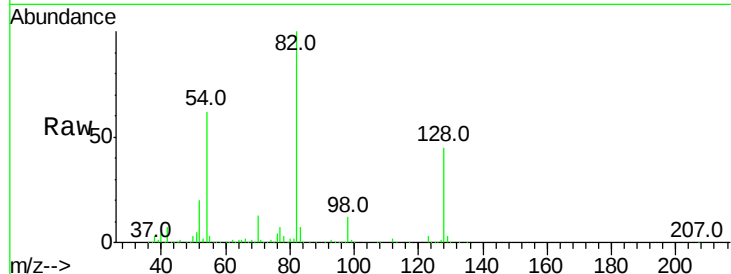
#23
 Nitrobenzene-d5
 Concen: 102.679 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	61.6	41.4	62.2

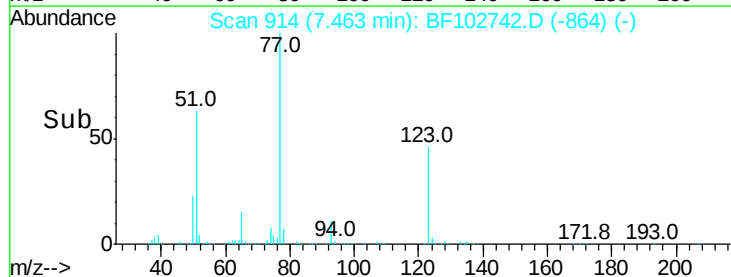
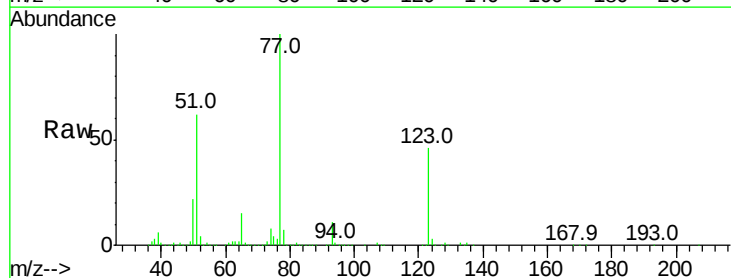
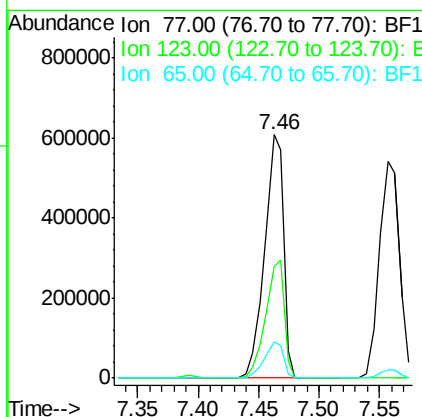
Manual Integrations
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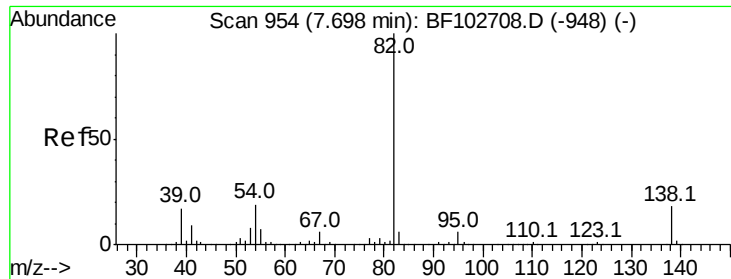
Sohil
 2/6/2018 2:25:34 PM



#24
 Nitrobenzene
 Concen: 43.842 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 42.456 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion: 82 Resp: 1266917

Ion Ratio Lower Upper

82 100

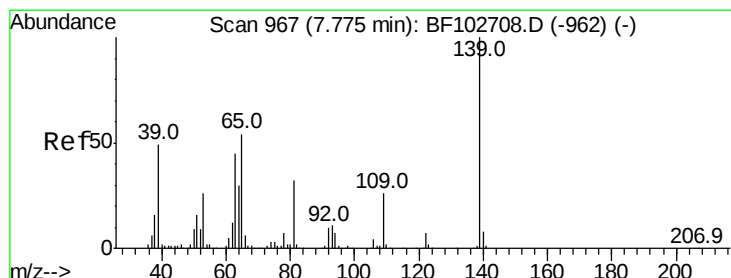
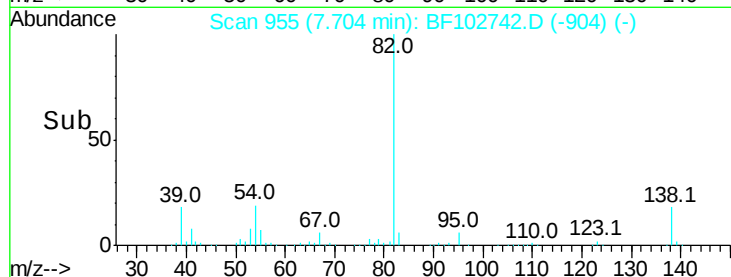
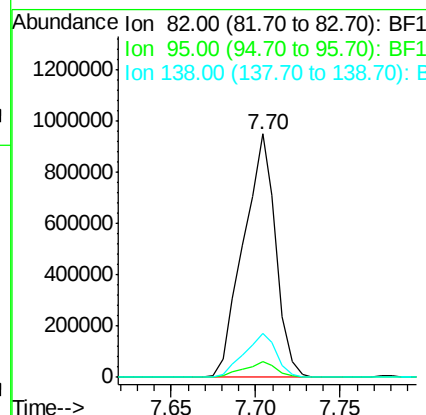
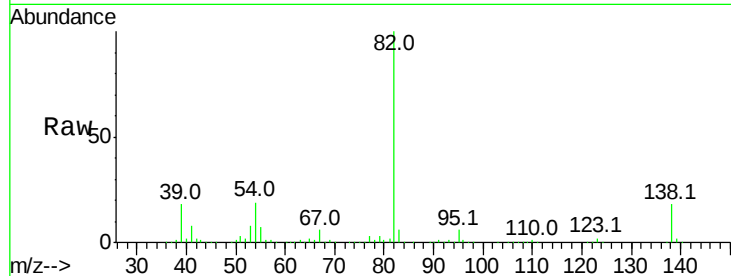
95 6.4 5.2 7.8

138 17.8 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.995 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

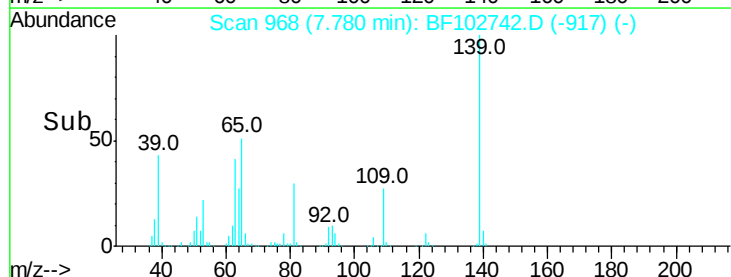
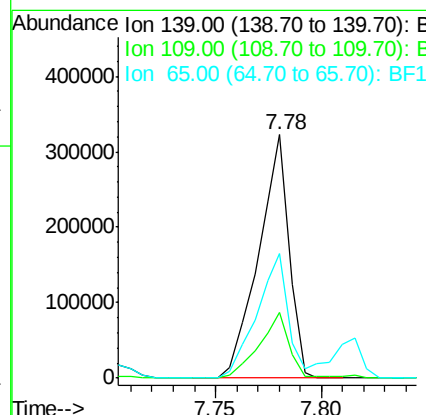
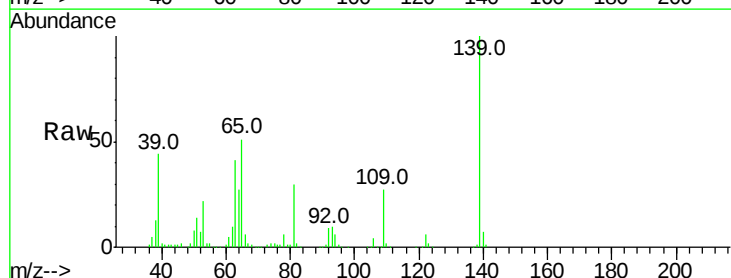
Tgt Ion: 139 Resp: 323489

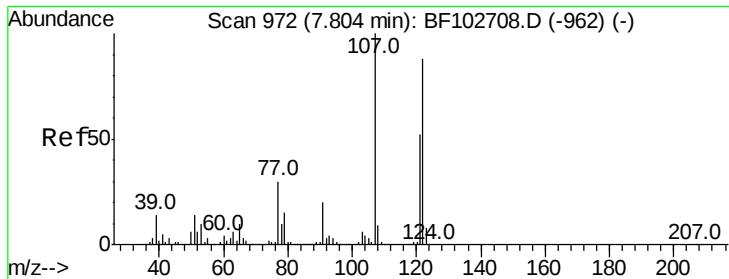
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 50.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.376 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

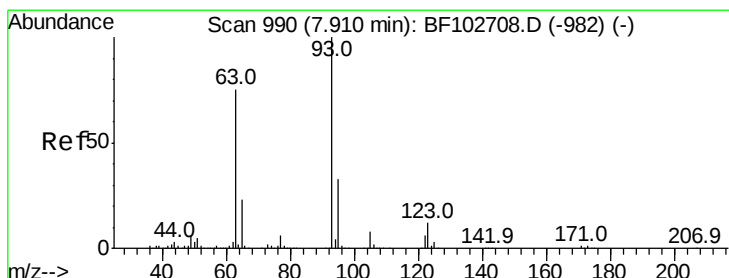
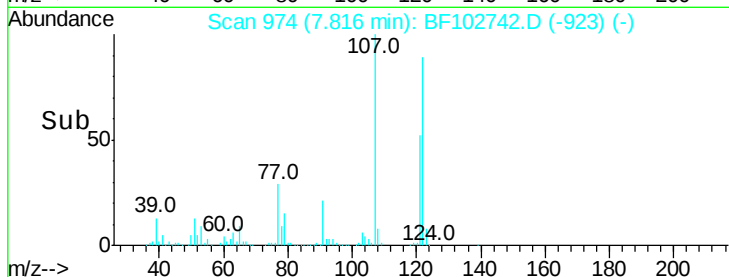
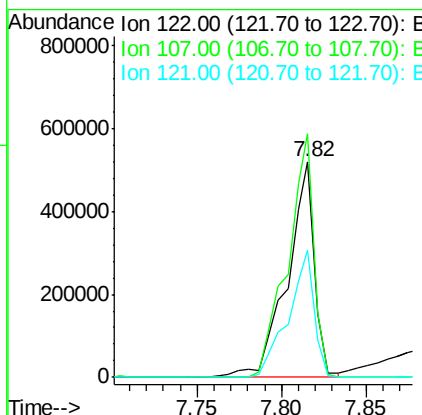
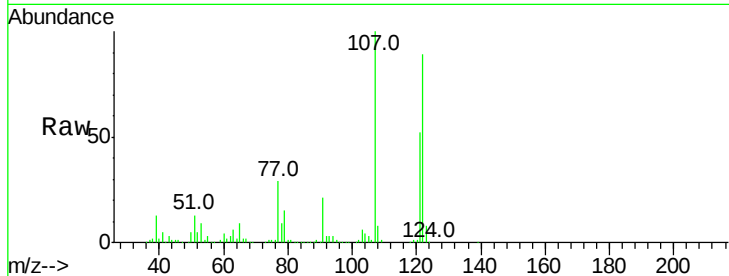
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	122	Resp:	584667
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	58.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.411 ng

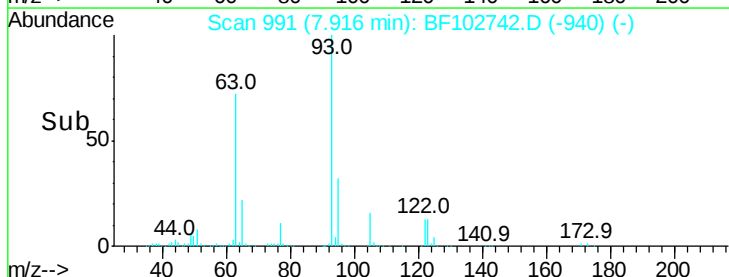
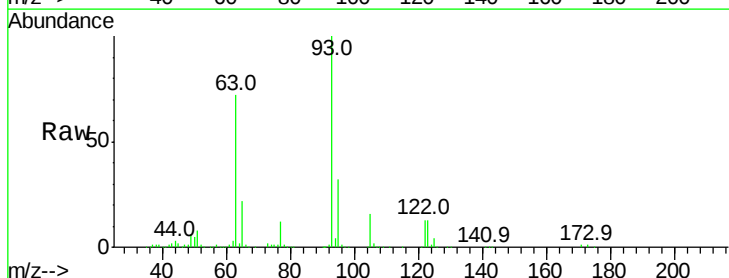
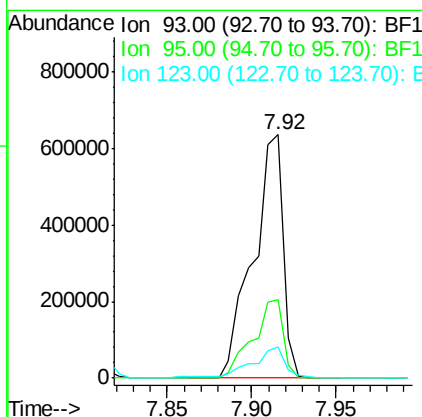
RT: 7.92 min Scan# 991

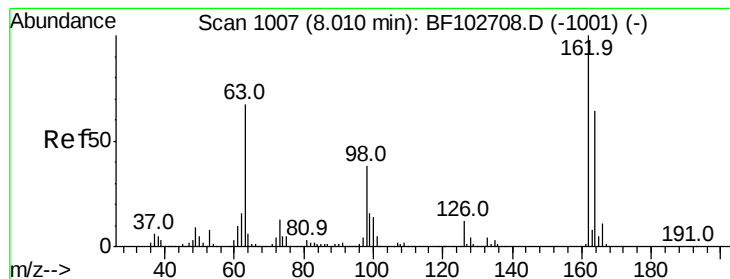
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	93	Resp:	785058
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	12.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.663 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

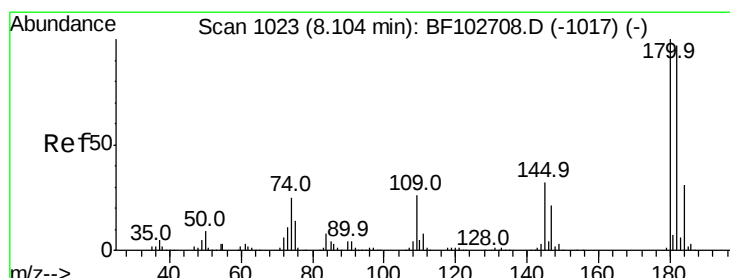
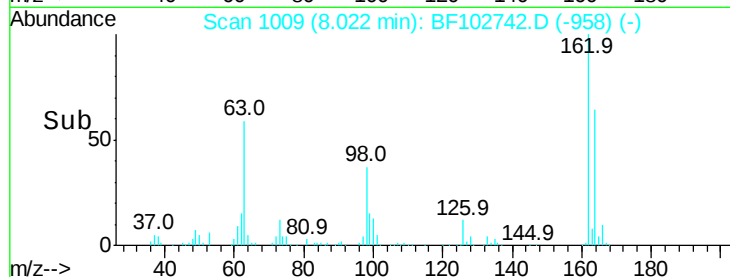
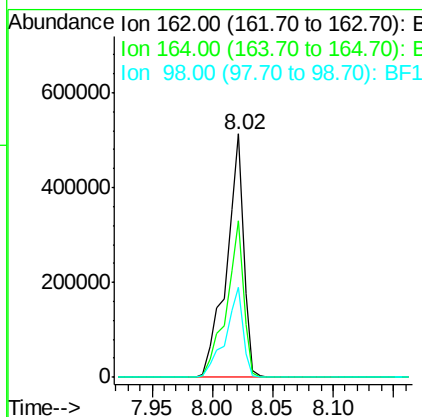
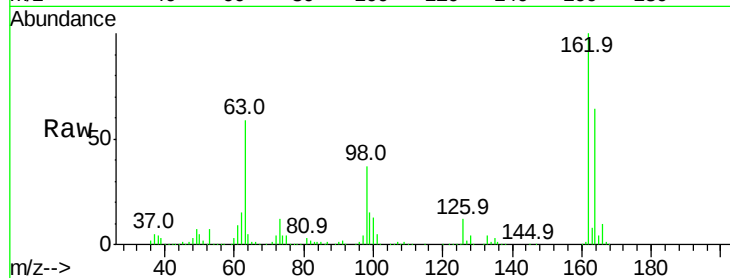
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	162	Resp:	511865
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	36.7	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.112 ng

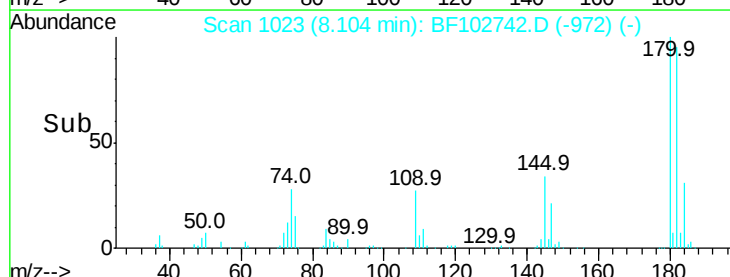
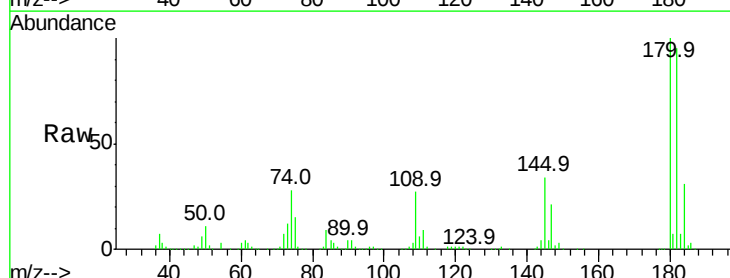
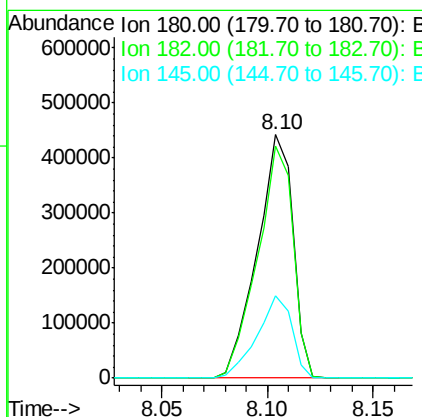
RT: 8.10 min Scan# 1023

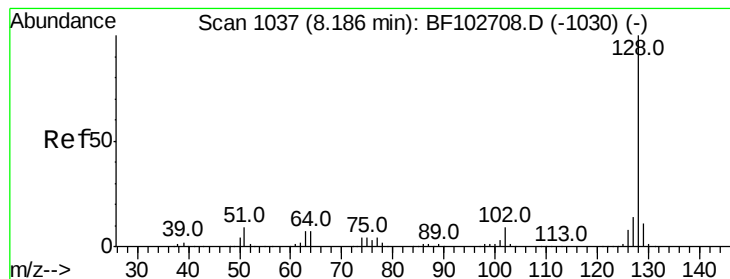
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	180	Resp:	520060
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
145	33.9	26.5	39.7





#31

Naphthalene

Concen: 44.206 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion:128 Resp: 1941656

Ion Ratio Lower Upper

128 100

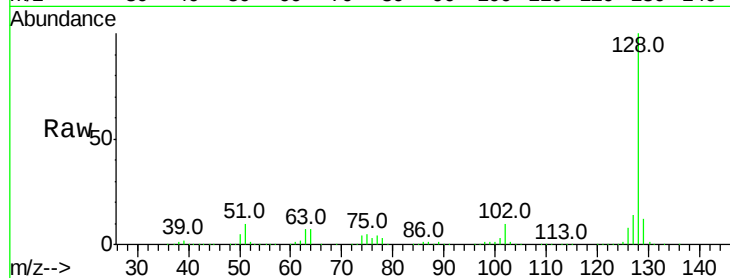
129 11.7 8.8 13.2

127 13.6 10.9 16.3

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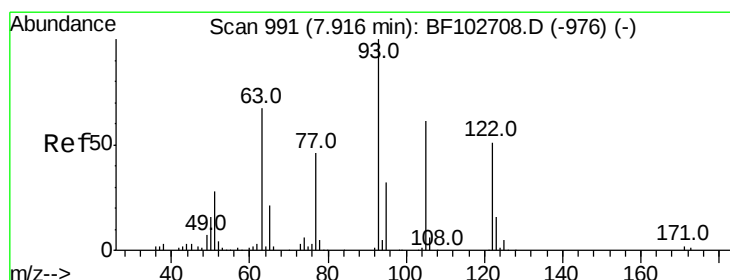
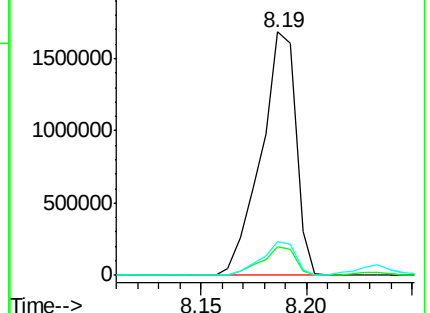
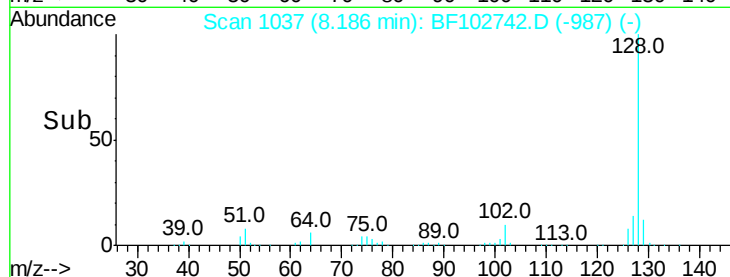
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.765 ng m

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

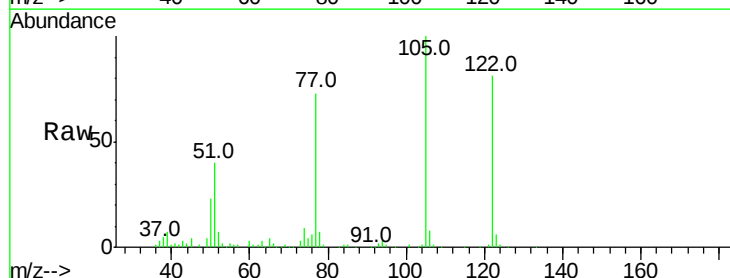
Tgt Ion:122 Resp: 363267

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

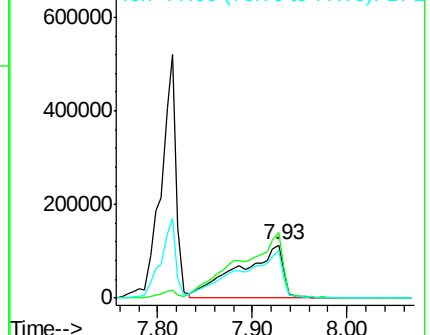
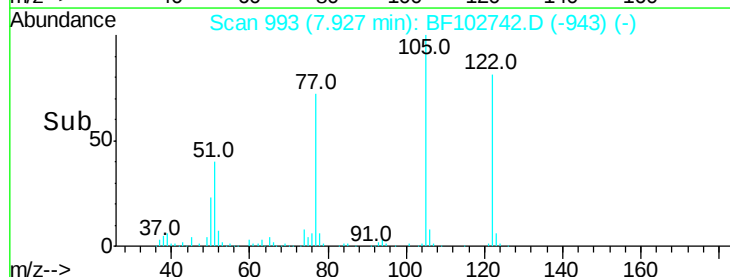
77 90.6 70.7 110.7

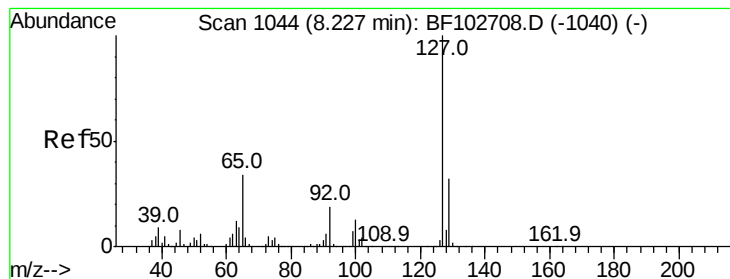


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 4.926 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

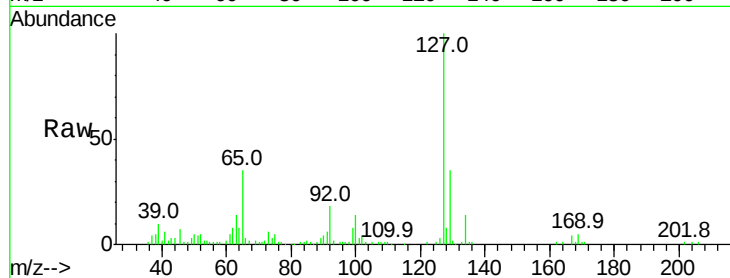
ClientSampleId :

OR-01-020218-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.9	25.9	38.9		
65	34.6	25.0	37.4		
92	18.0	15.2	22.8		

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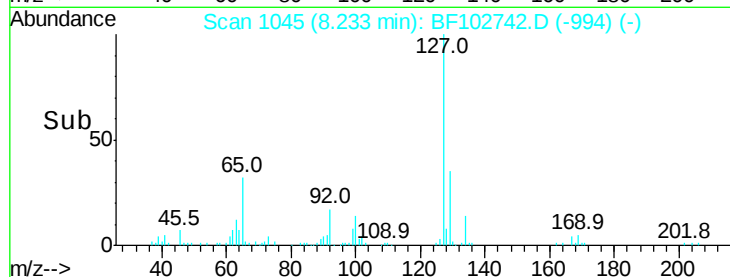
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

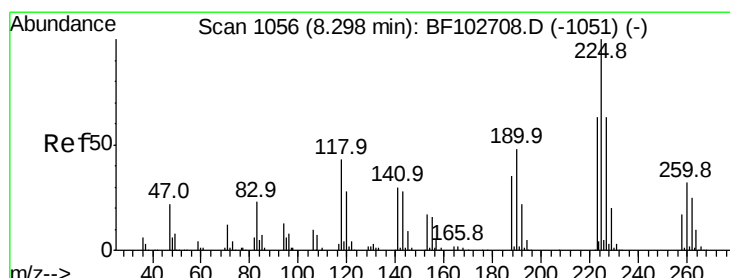
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Time-->



Time-->



#34

Hexachlorobutadiene

Concen: 38.635 ng

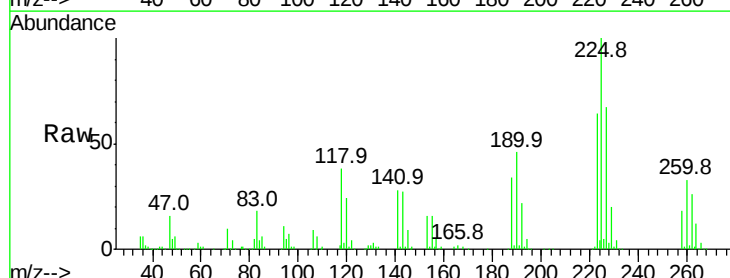
RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	50.6	76.0		
227	66.8	51.9	77.9		

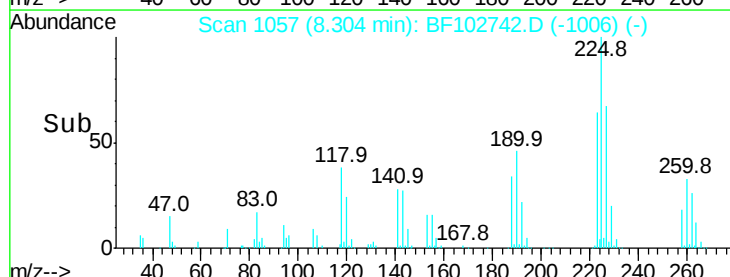


Abundance Ion 225.00 (224.70 to 225.70): E

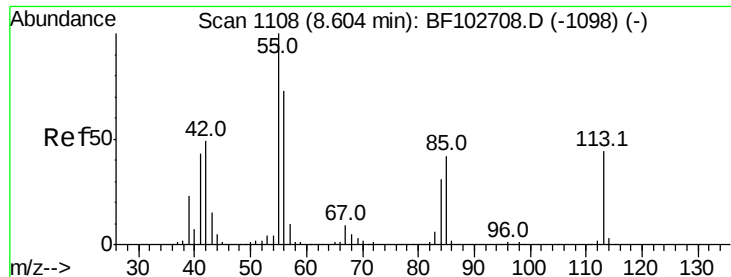
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->



Time-->



#35

Caprolactam

Concen: 29.180 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion:113 Resp: 116141

Ion Ratio Lower Upper

113 100

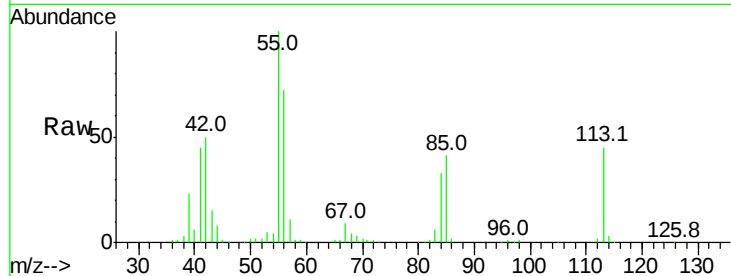
55 221.0 163.3 203.3#

56 159.3 115.7 155.7#

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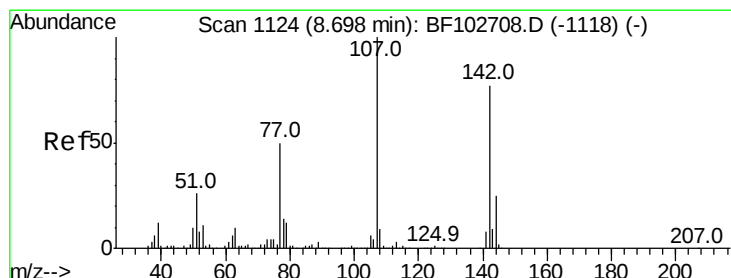
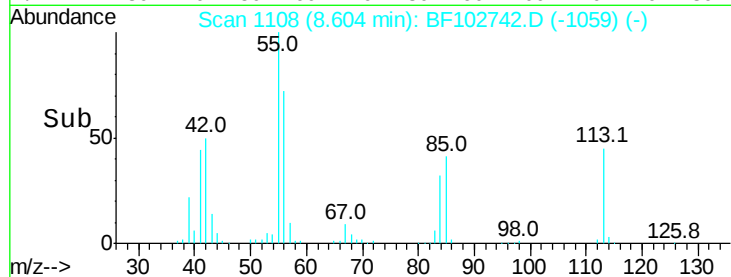
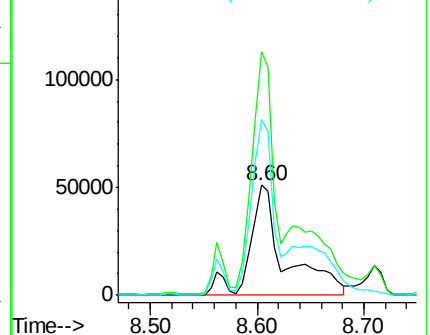
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.779 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

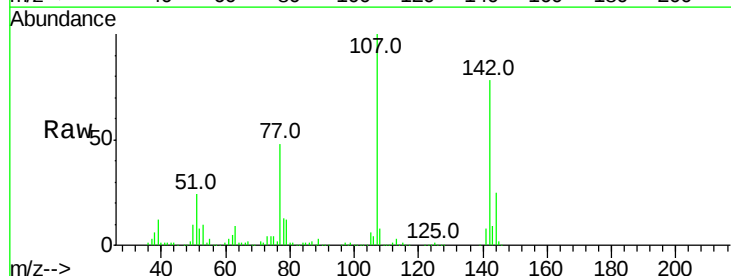
Tgt Ion:107 Resp: 563741

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

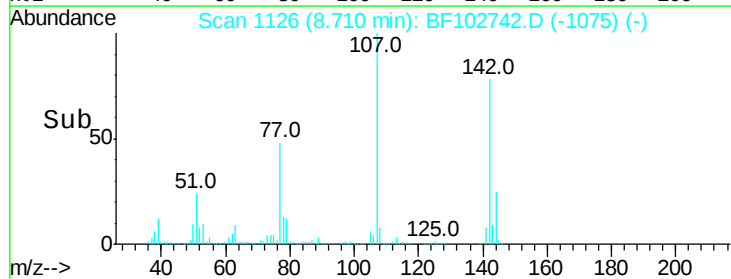
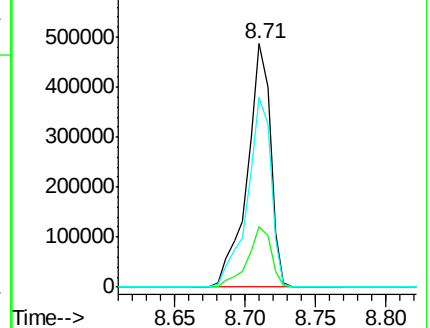
142 77.9 62.0 93.0

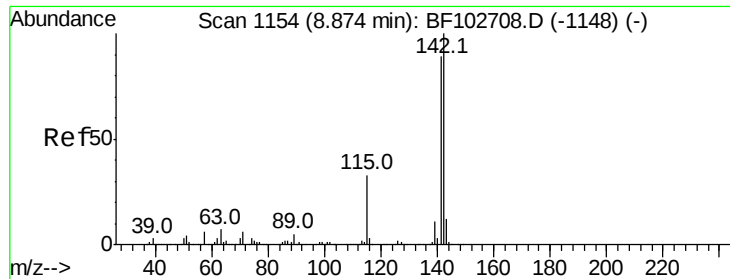


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.325 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :
BNA_F

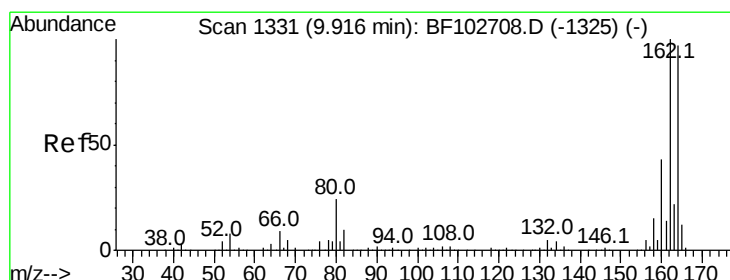
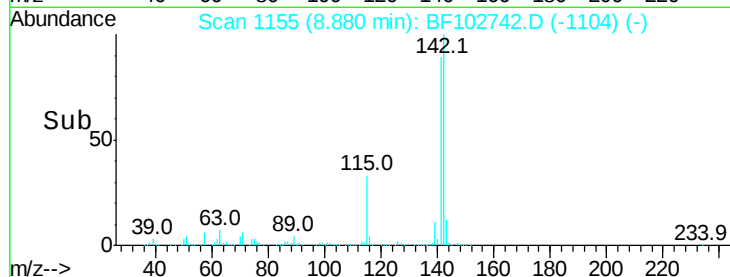
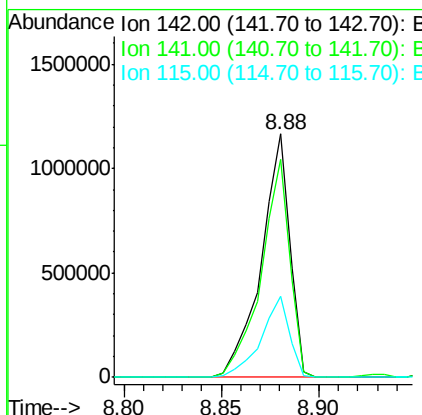
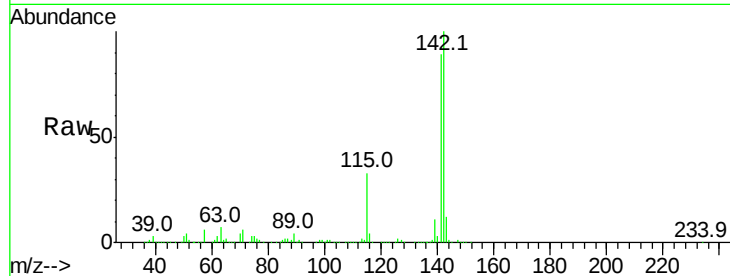
ClientSampleId :
OR-01-020218-AMS

Tot Ion:142 Resp: 1188373

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	33.3	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

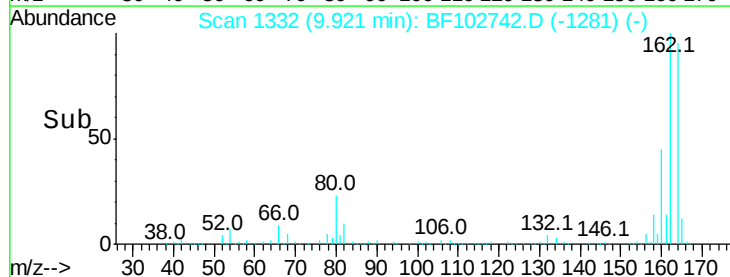
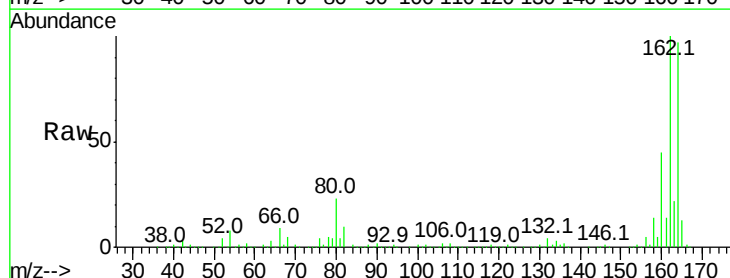
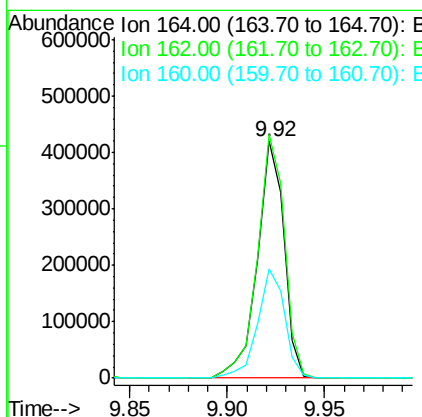
Delta R.T. -0.00 min

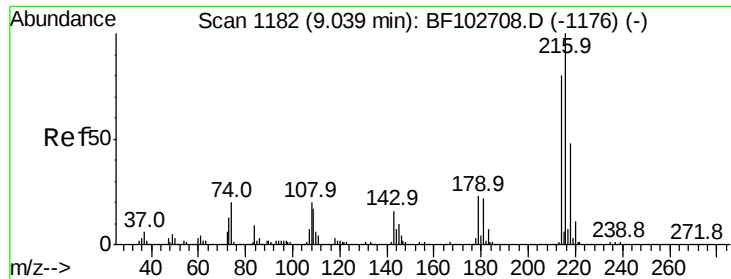
Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:164 Resp: 399212

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.0	38.3	57.5





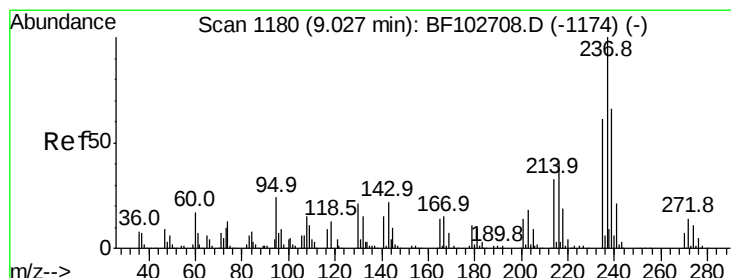
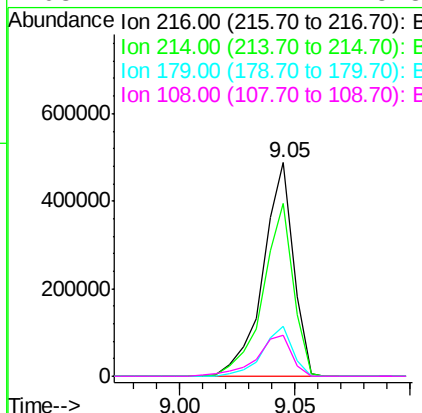
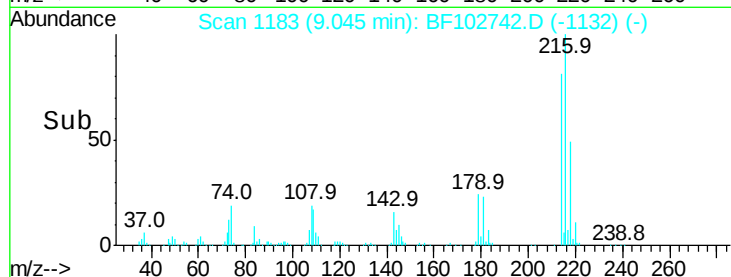
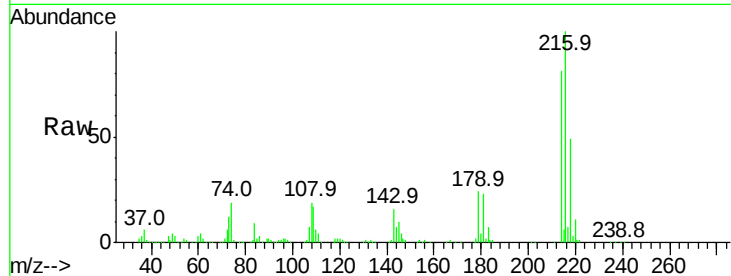
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.179 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	447610		
214	80.0	63.0	94.4	
179	23.3	18.1	27.1	
108	22.2	17.2	25.8	

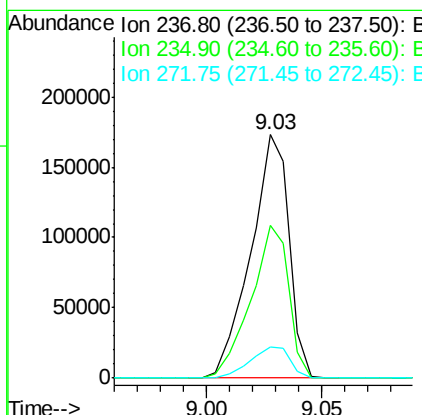
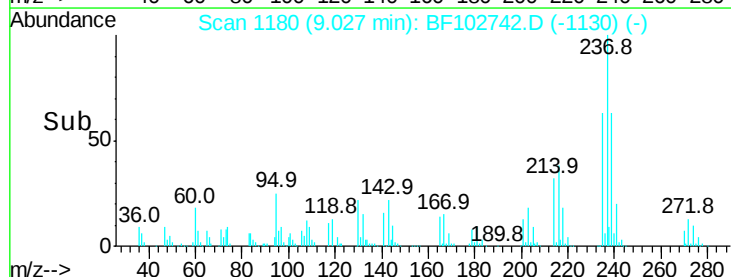
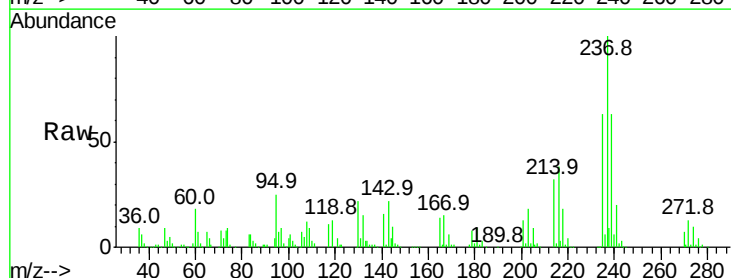
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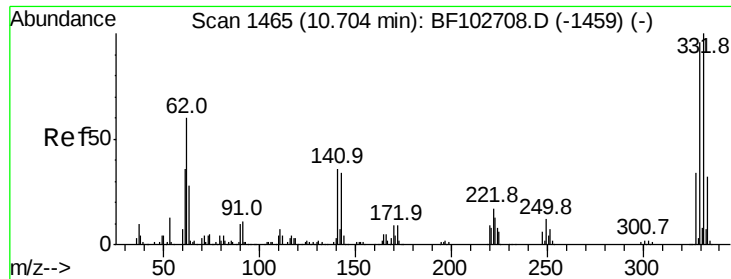
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#40
 Hexachlorocyclopentadiene
 Concen: 38.759 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	200278		
235	62.9	44.8	84.8	
272	12.8	0.0	33.3	





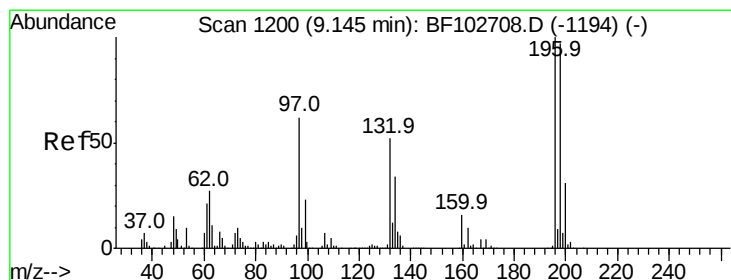
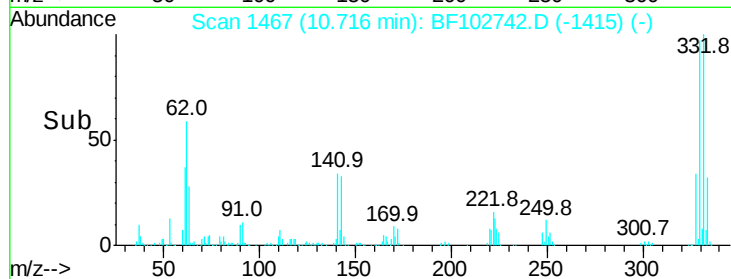
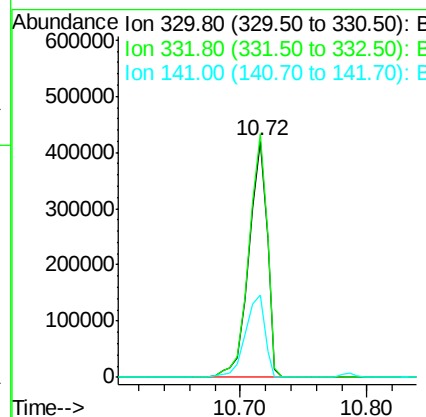
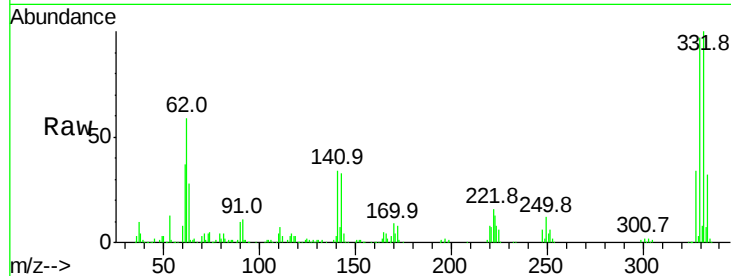
#41
 2,4,6-Tribromophenol
 Concen: 131.098 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.0	77.0	115.6	
141	37.0	29.9	44.9	

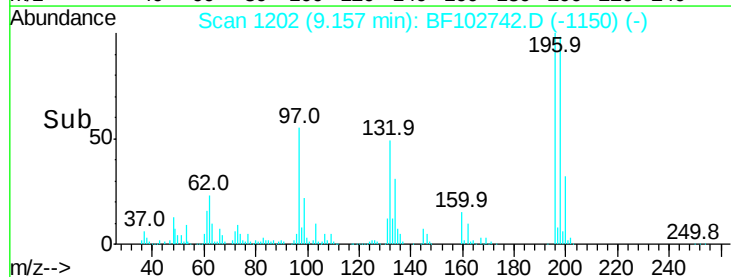
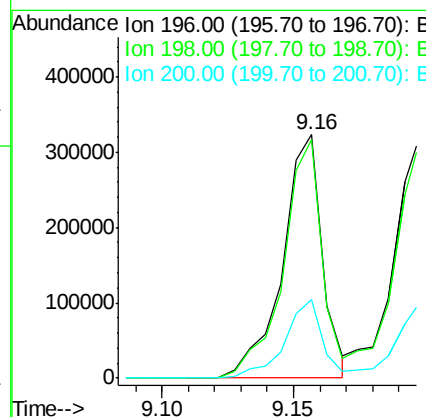
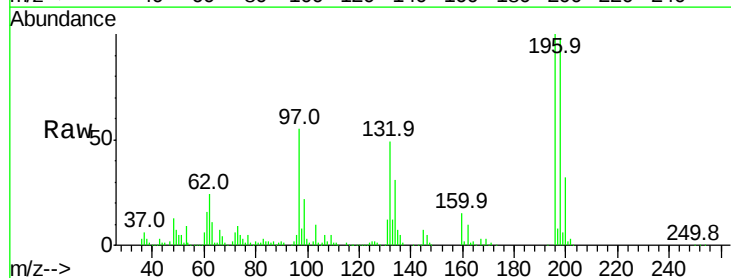
Manual Integrations
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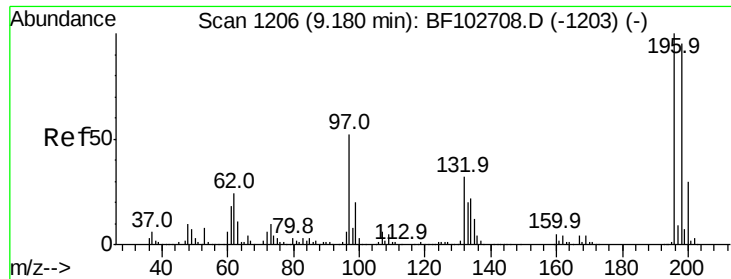
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#42
 2,4,6-Trichlorophenol
 Concen: 47.977 ng m
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.0	75.7	113.5	
200	32.2	24.5	36.7	





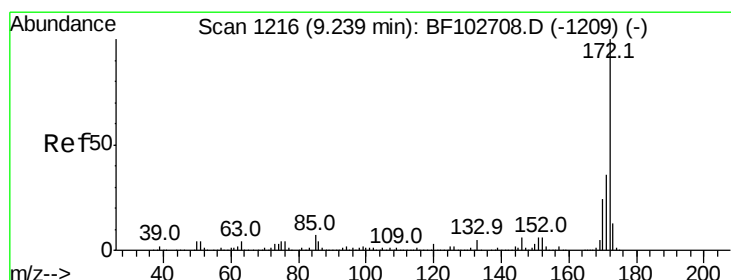
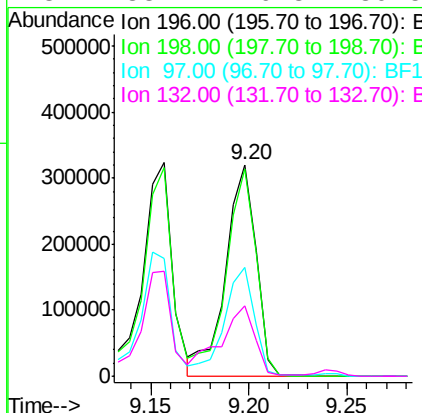
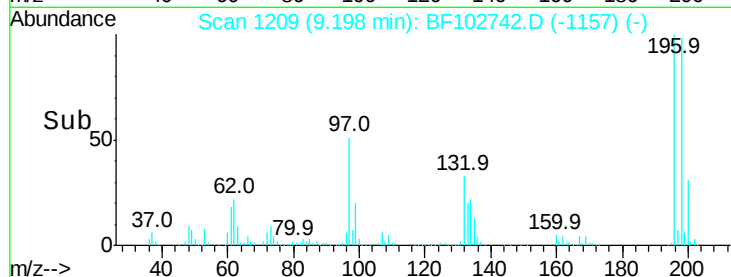
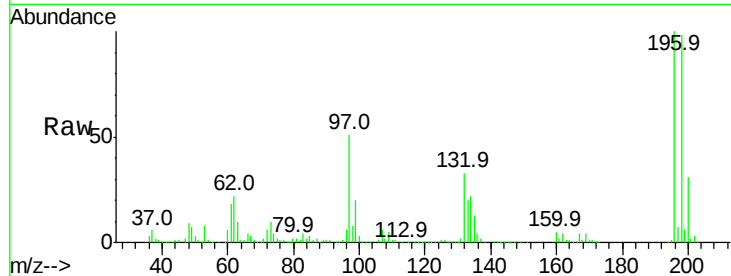
#43
 2,4,5-Trichlorophenol
 Concen: 43.322 ng m
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	348614		
198	97.7	74.6	112.0	
97	51.3	42.9	64.3	
132	33.1	26.3	39.5	

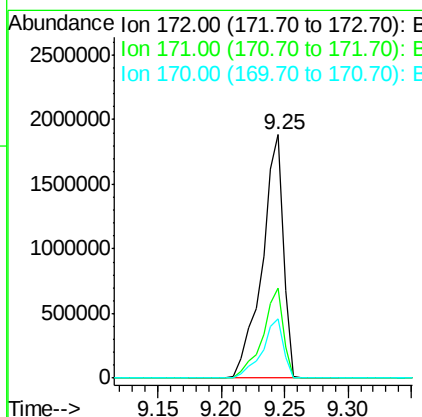
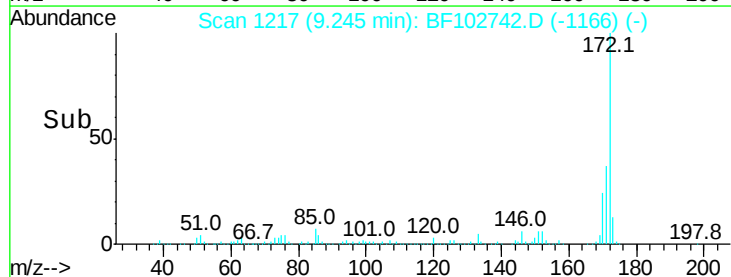
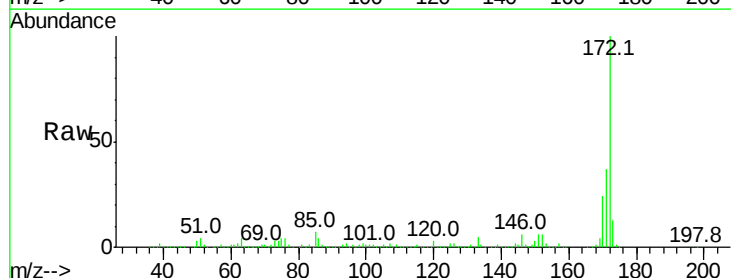
Manual Integrations
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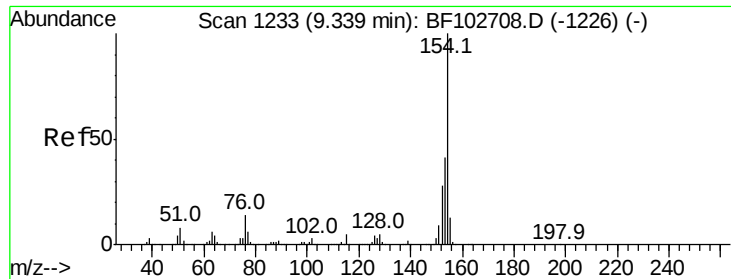
Sohil
 2/6/2018 2:25:34 PM



#44
 2-Fluorobiphenyl
 Concen: 91.308 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2196707		
171	37.2	29.7	44.5	
170	24.2	19.6	29.4	





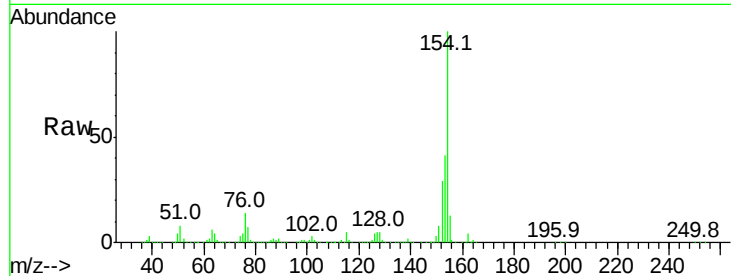
#45
1,1'-Biphenyl
Concen: 39.861 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.5	0.0	34.0

Manual Integrations
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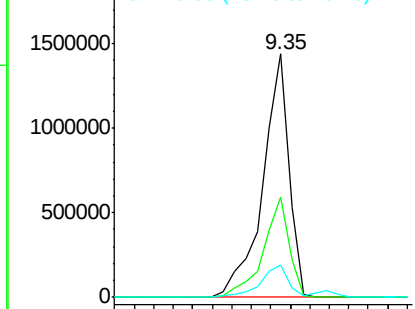


Abundance

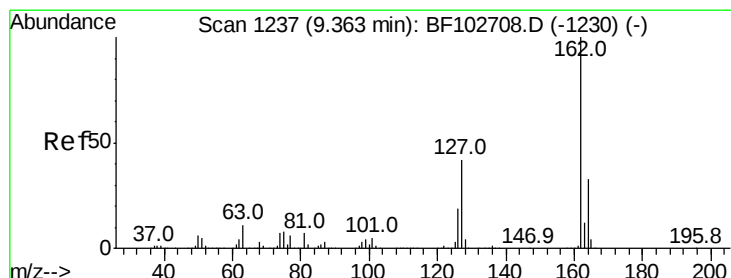
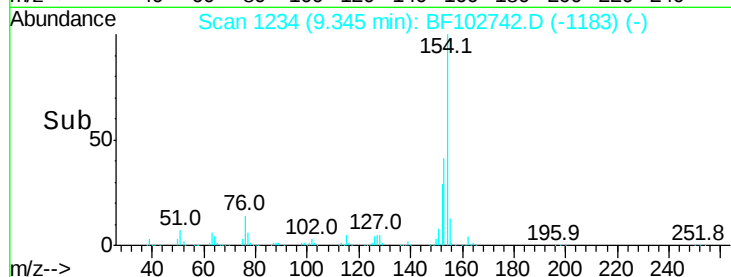
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



Time-->



#46
2-Chloronaphthalene
Concen: 40.156 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

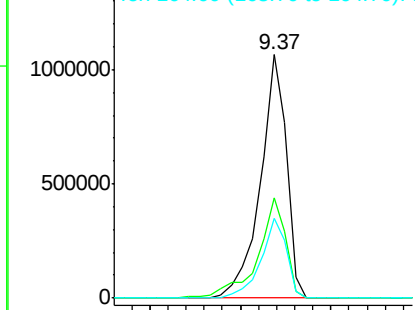
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	33.0	26.5	39.7

Abundance

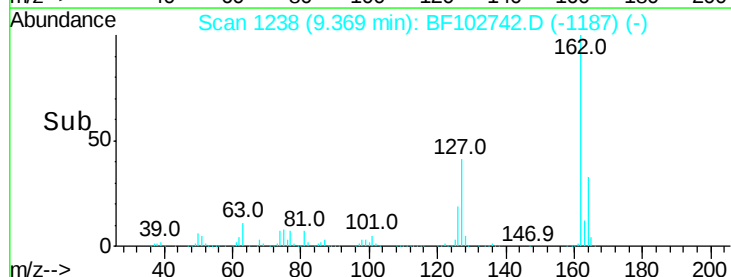
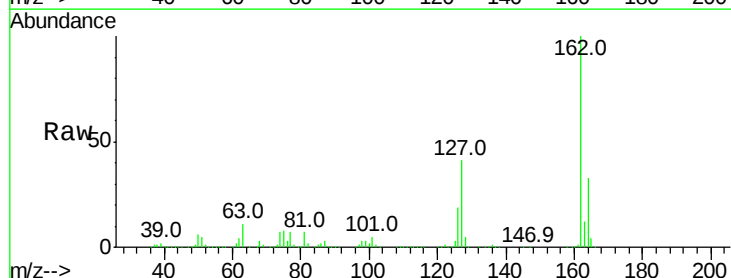
Ion 162.00 (161.70 to 162.70): E

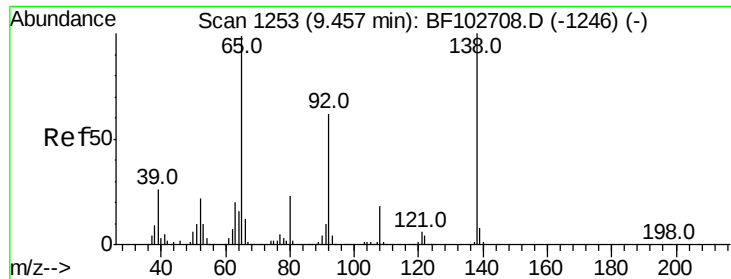
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 46.271 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

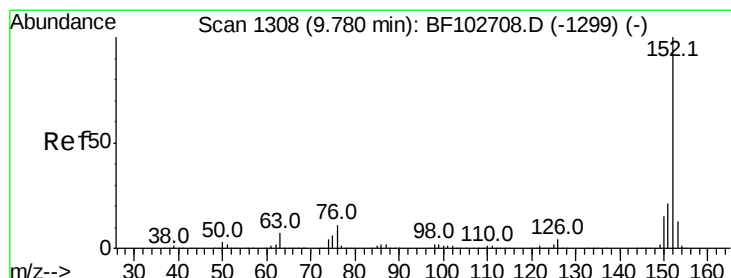
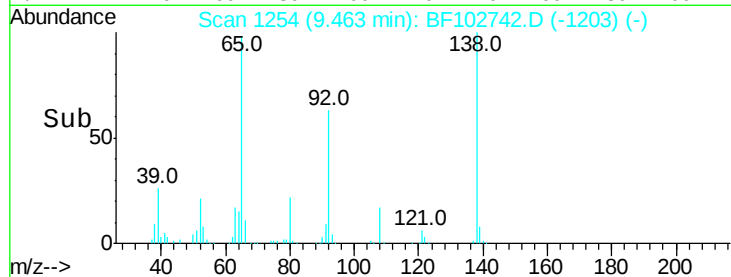
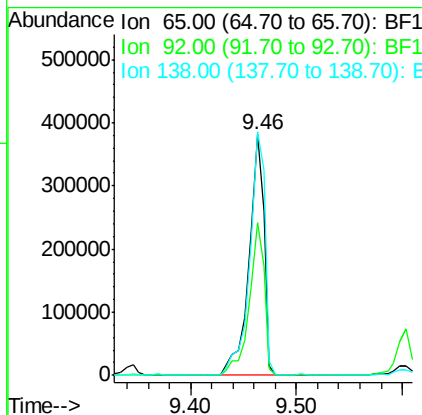
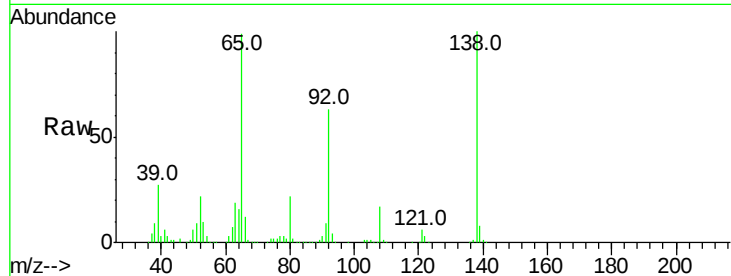
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	65	Resp:	376863
Ion Ratio	Lower	Upper	
65	100		
92	63.5	55.8	83.6
138	101.2	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 38.581 ng

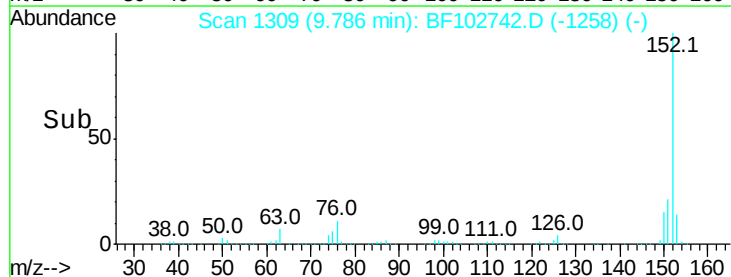
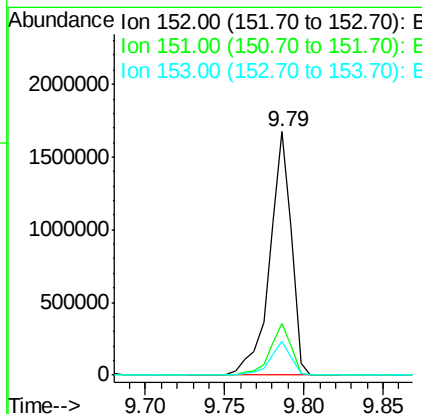
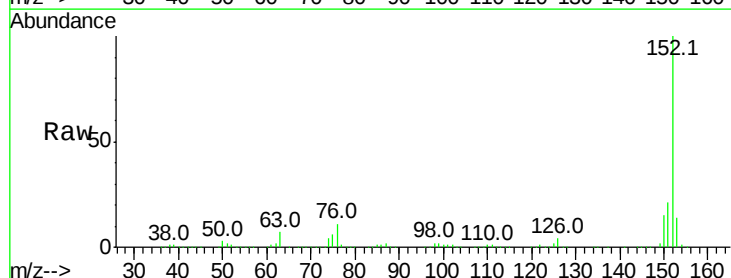
RT: 9.79 min Scan# 1309

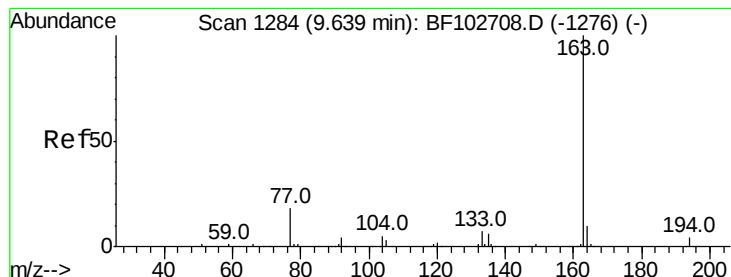
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	152	Resp:	1586257
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





#49

Dimethylphthalate

Concen: 41.229 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion:163 Resp: 1283353

Ion Ratio Lower Upper

163 100

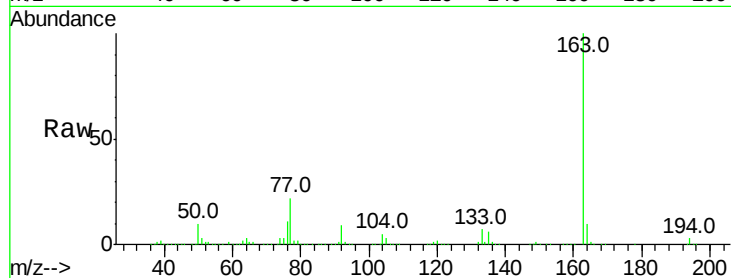
194 3.5 2.7 4.1

164 10.4 8.2 12.2

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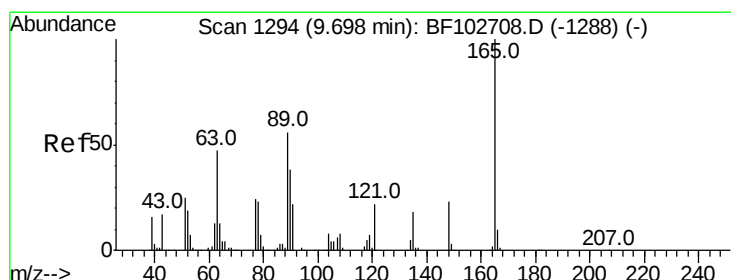
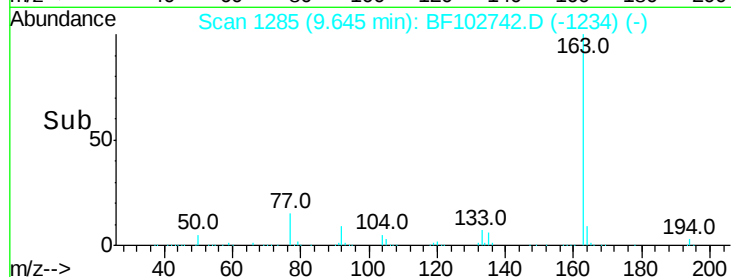
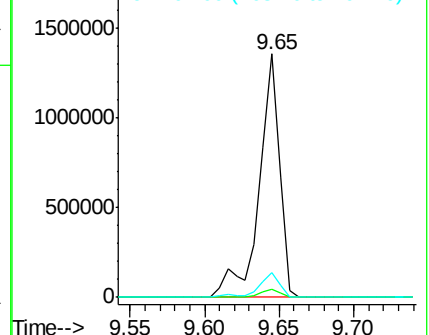
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.612 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

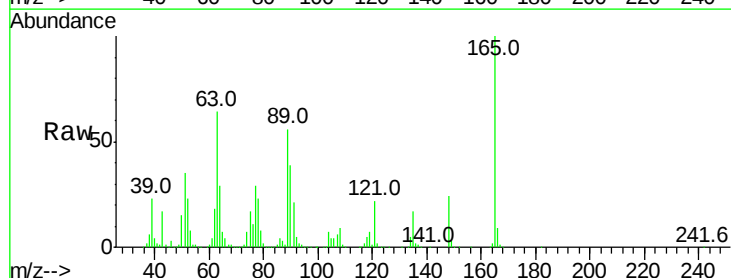
Tgt Ion:165 Resp: 281960

Ion Ratio Lower Upper

165 100

63 64.5 44.7 67.1

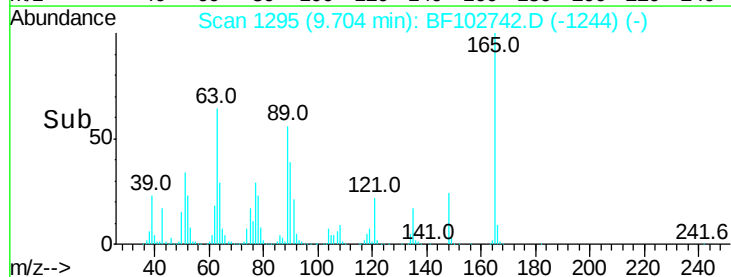
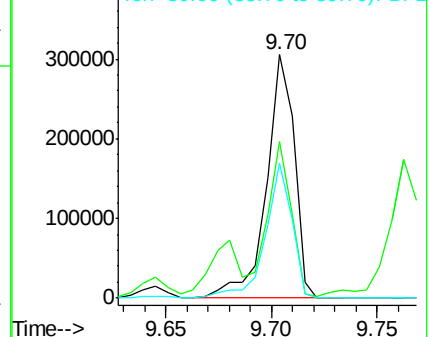
89 55.6 44.0 66.0

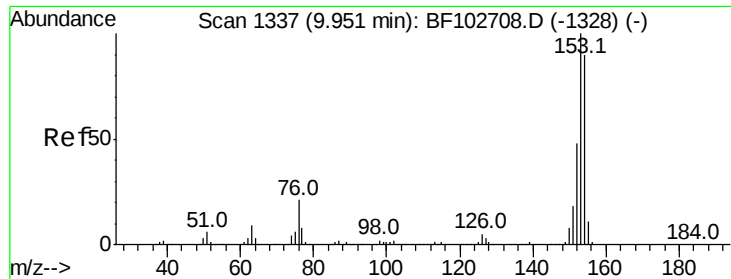


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.963 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

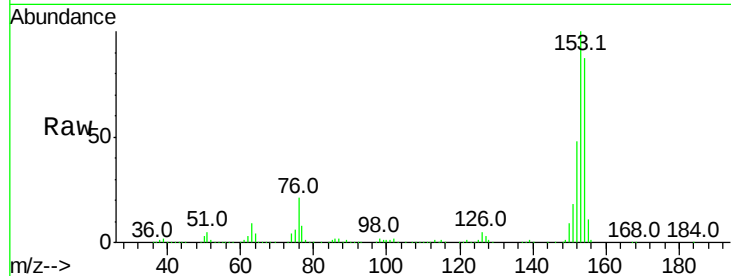
ClientSampleId :

OR-01-020218-AMS

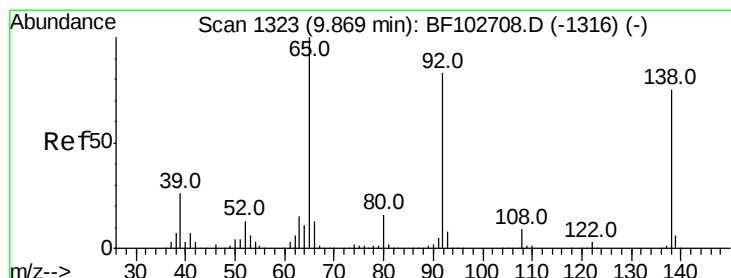
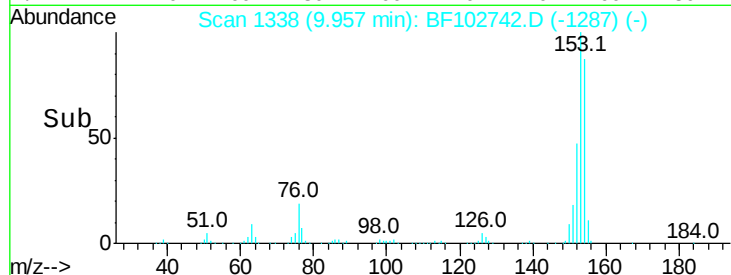
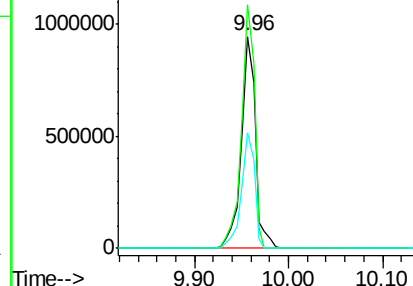
Tot Ion:	154	Resp:	982606
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.937 ng

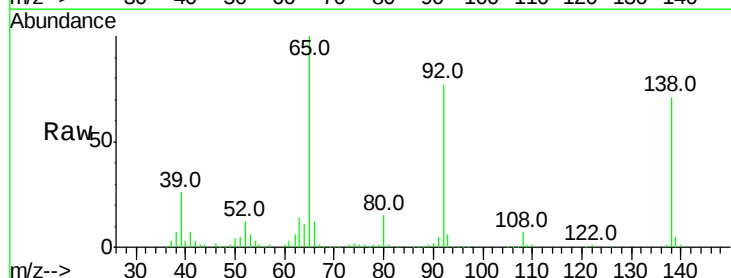
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

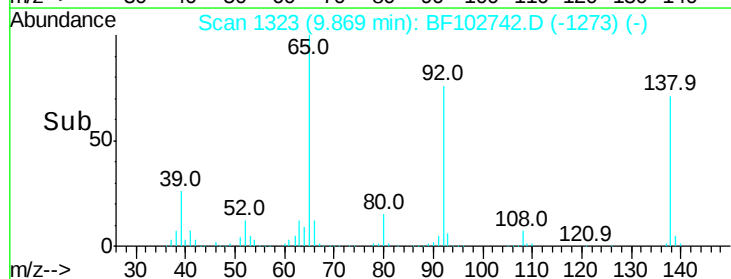
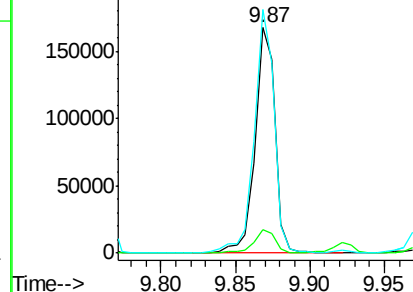
Lab File: BF102742.D

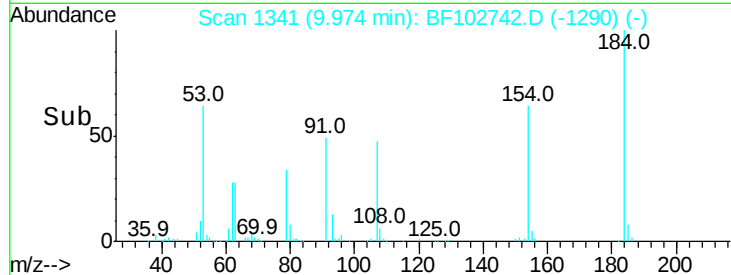
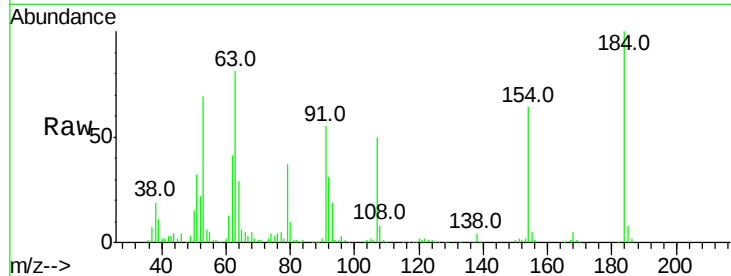
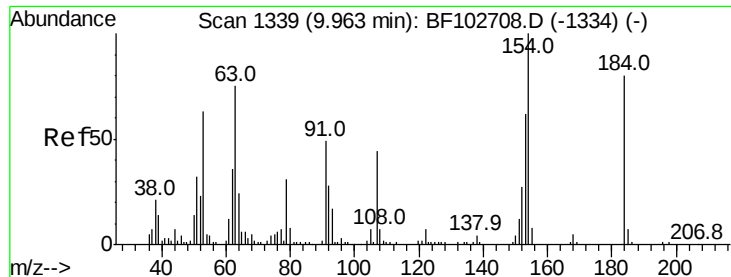
Acq: 5 Feb 2018 17:11

Tgt Ion:	138	Resp:	152564
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	107.9	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





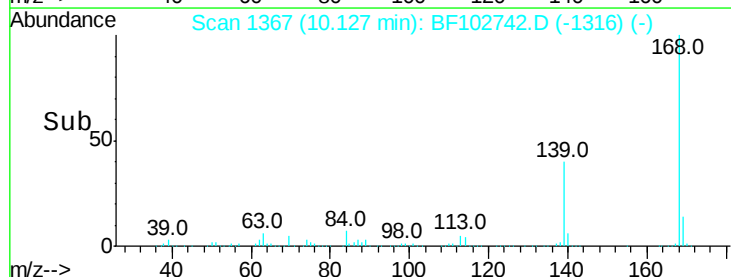
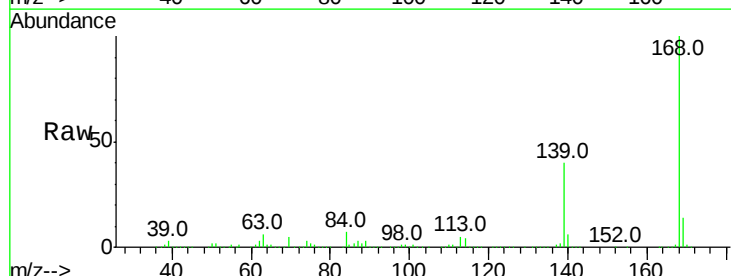
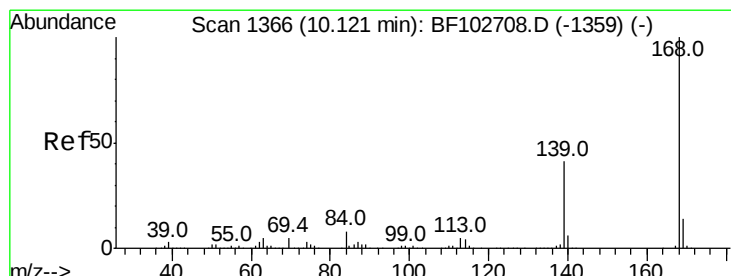
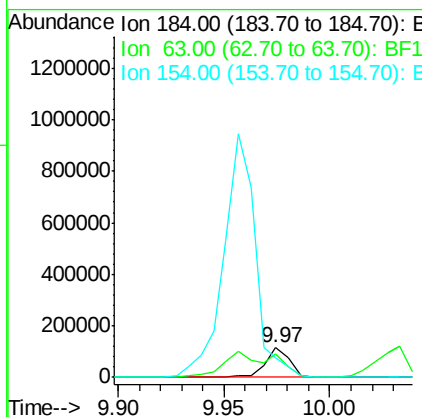
#53
2,4-Dinitrophenol
Concen: 58.280 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tot Ion:184 Resp: 93115
Ion Ratio Lower Upper
184 100
63 81.0 54.2 81.2
154 64.2 184.0 276.0#

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

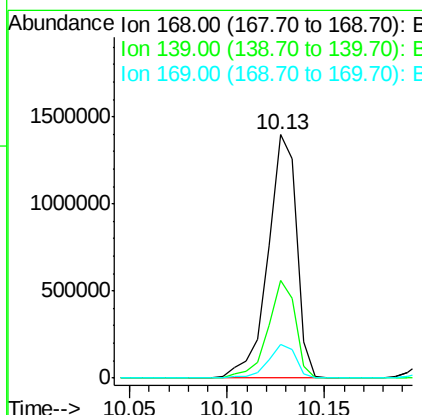
Manual Integrations
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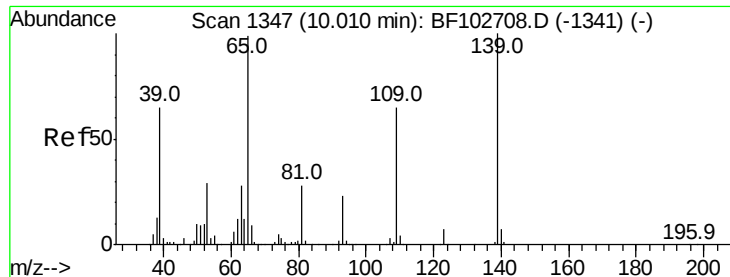
Sohil
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#54
Dibenzofuran
Concen: 40.962 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion:168 Resp: 1419380
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 14.0 10.9 16.3





#55

4-Nitrophenol

Concen: 69.258 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion:139 Resp: 411323

Ion Ratio Lower Upper

139 100

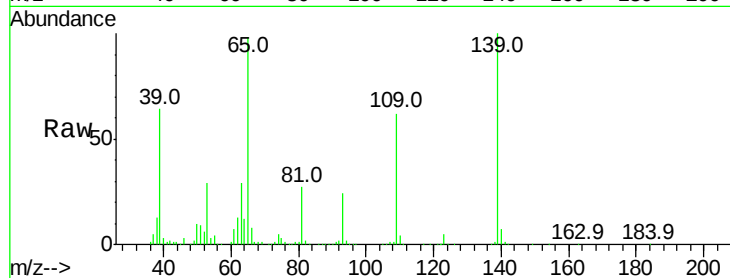
109 62.5 48.4 88.4

65 97.9 72.6 112.6

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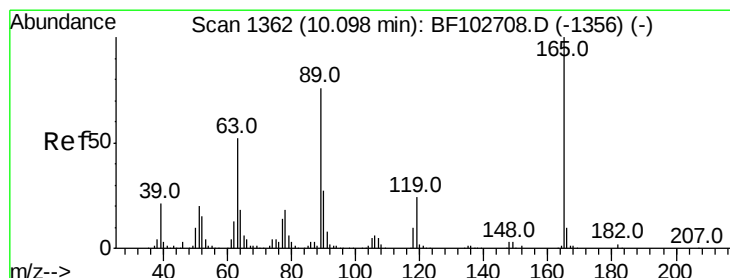
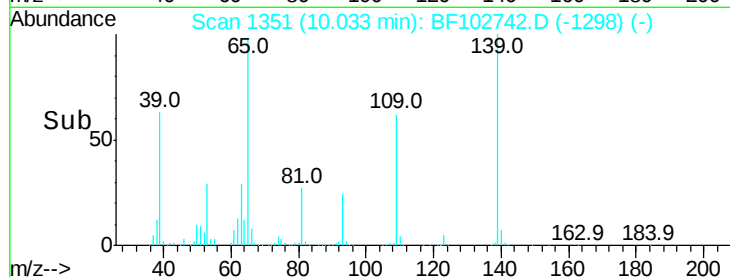
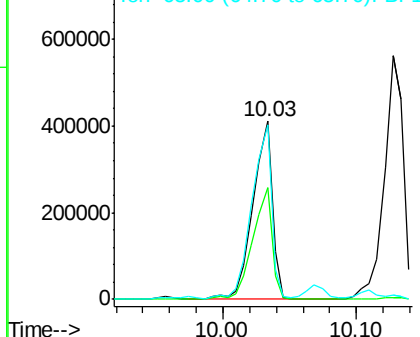
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 45.229 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:165 Resp: 357718

Ion Ratio Lower Upper

165 100

63 51.7 36.4 54.6

89 72.1 57.8 86.6

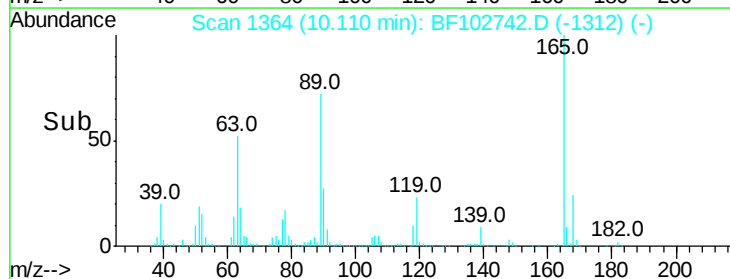
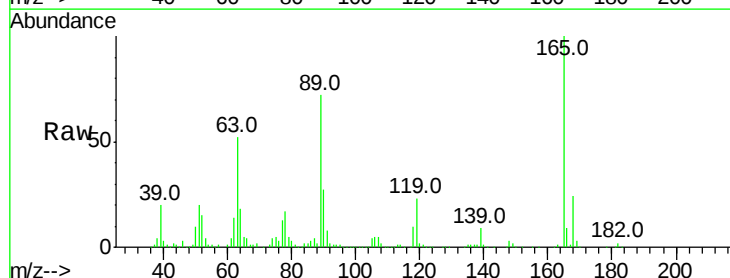
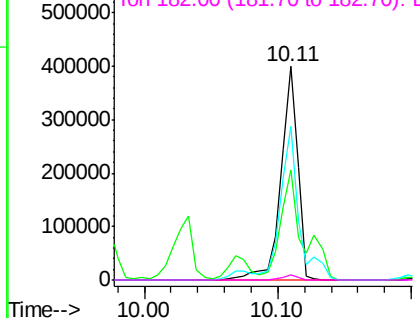
182 2.4 1.6 2.4

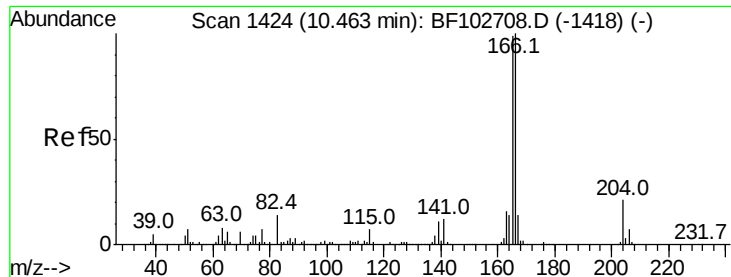
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





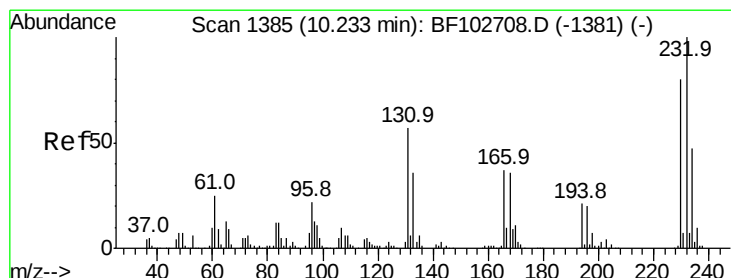
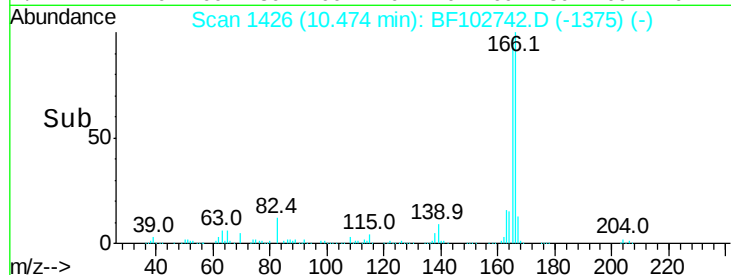
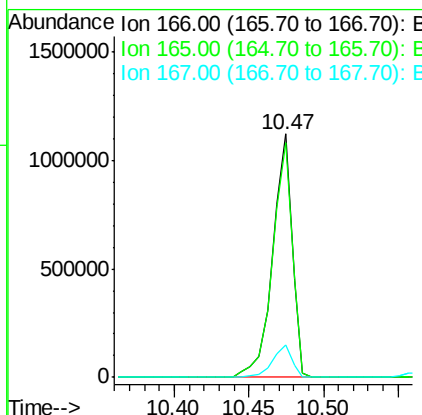
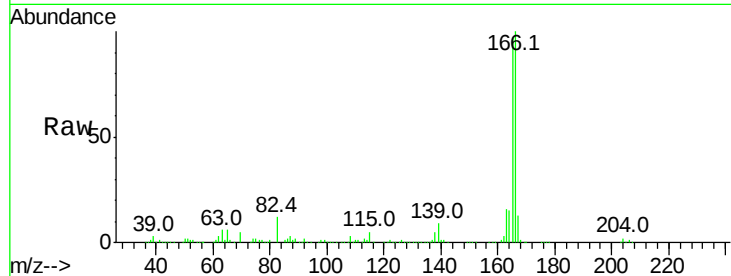
#57
Fluorene
Concen: 40.274 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.8
167	13.4	10.6	16.0

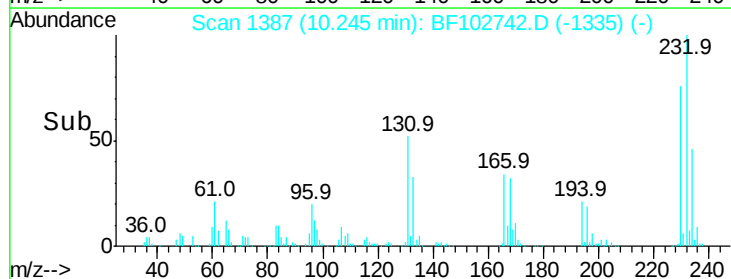
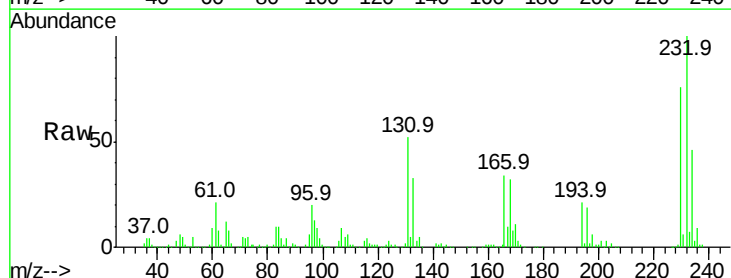
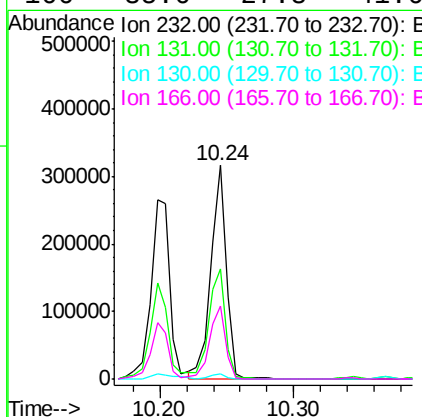
Manual Integrations
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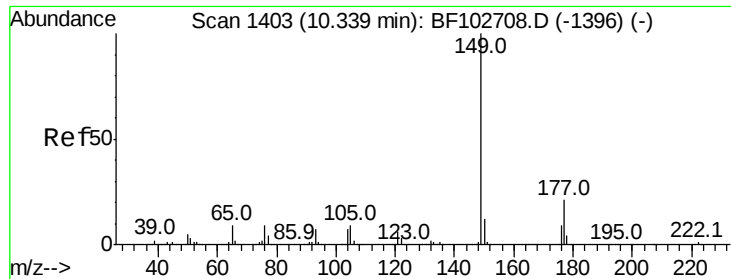
Sohil
2/6/2018 2:25:34 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.382 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	43.8	65.8
130	2.5	2.1	3.1
166	35.6	27.8	41.6





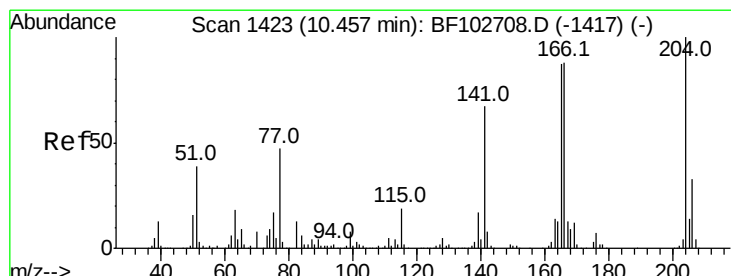
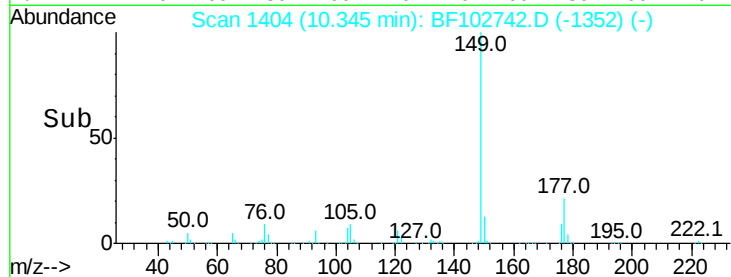
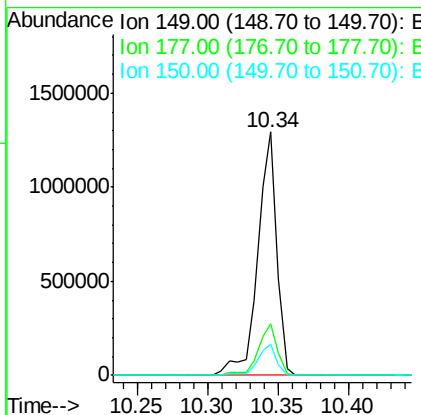
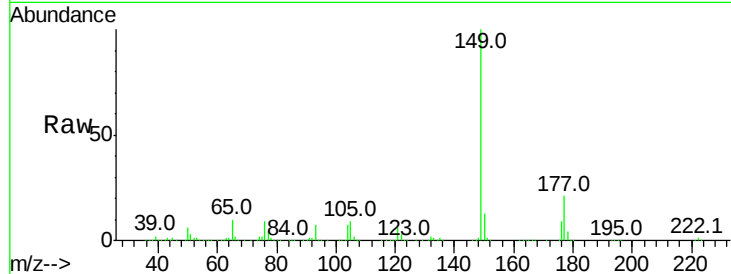
#59
Diethylphthalate
Concen: 40.176 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.8	10.1	15.1

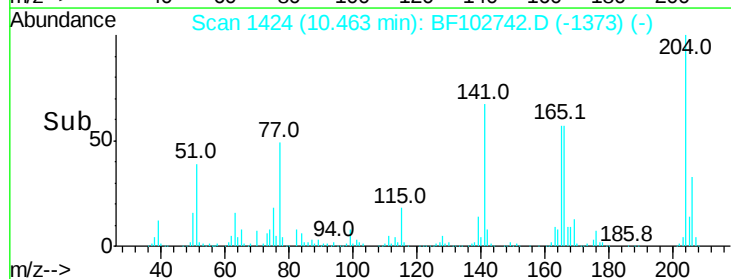
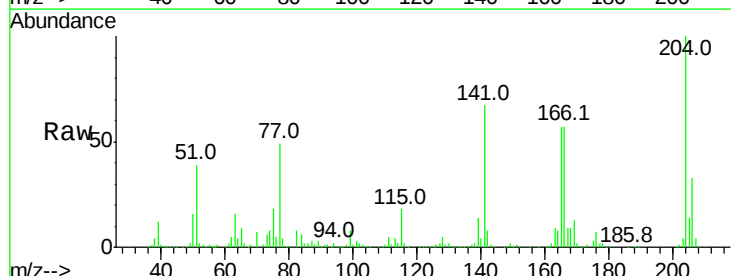
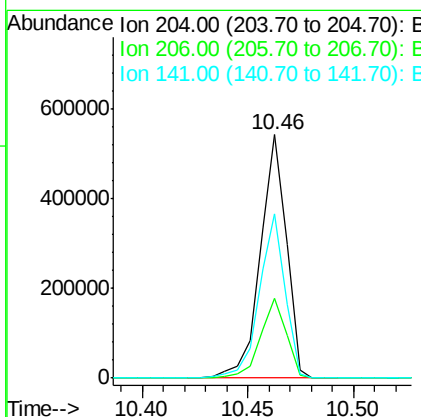
Manual Integrations
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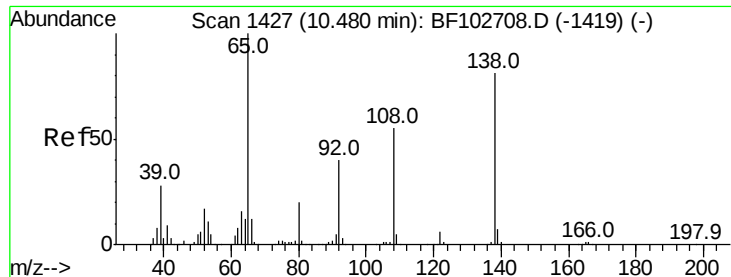
Sohil
2/6/2018 2:25:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.813 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	67.4	54.6	81.8





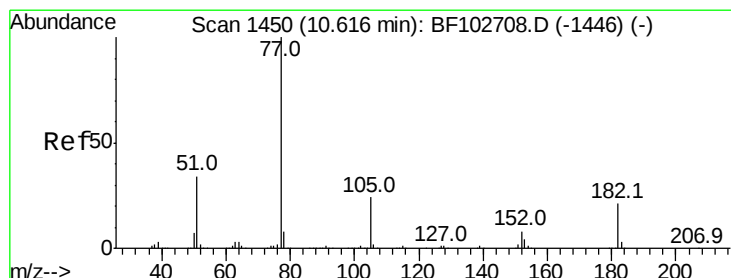
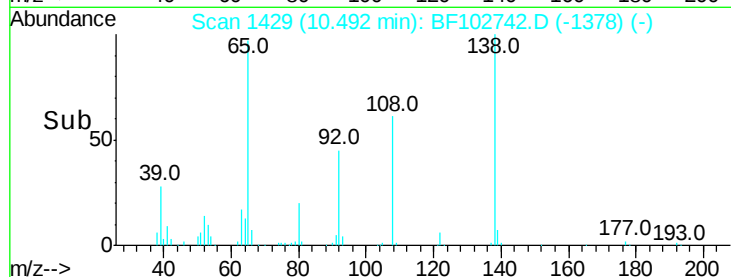
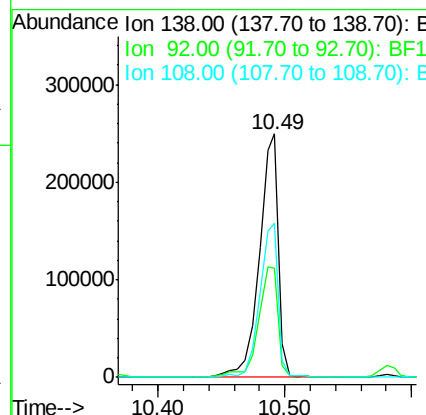
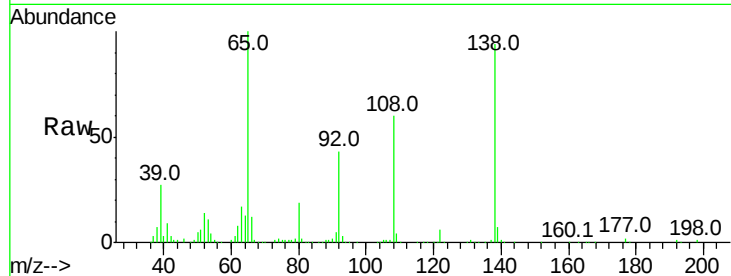
#61
4-Nitroaniline
Concen: 38.071 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	264055		
92	45.0	30.2	70.2	
108	63.4	52.5	92.5	

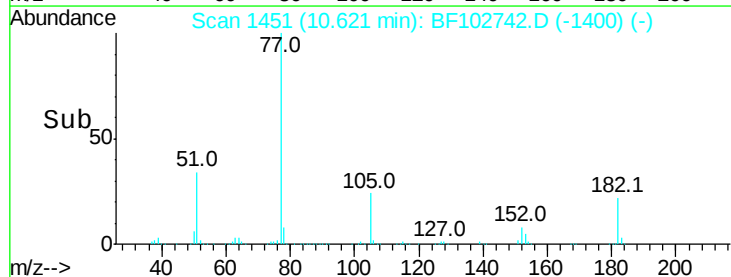
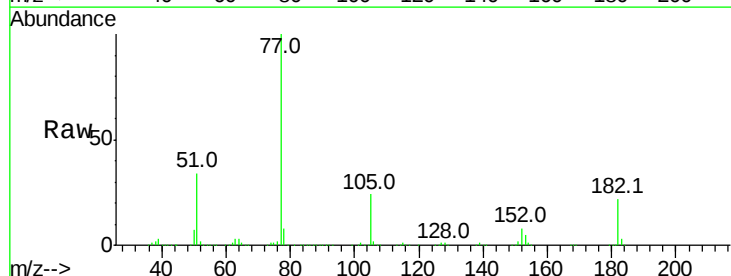
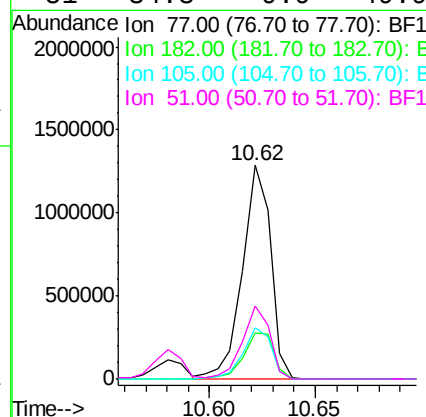
Manual Integrations
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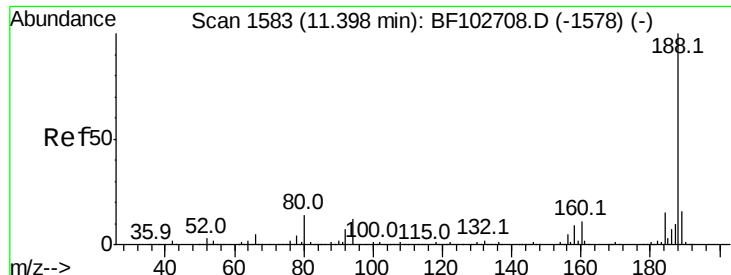
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#62
Azobenzene
Concen: 38.843 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1192681		
182	21.8	1.7	41.7	
105	24.0	3.0	43.0	
51	34.3	9.9	49.9	





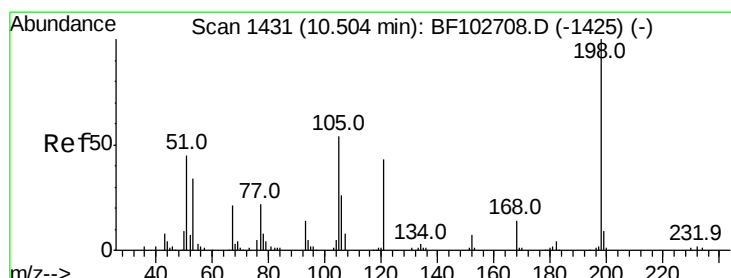
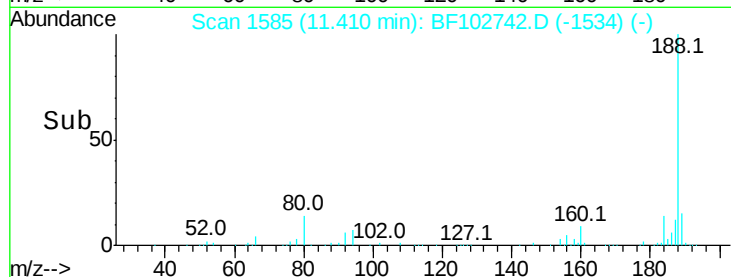
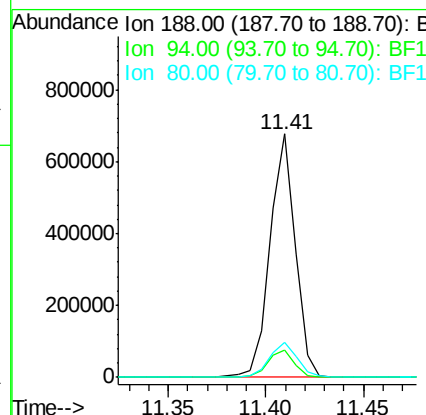
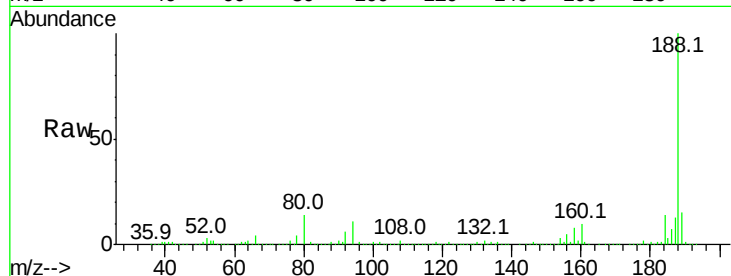
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.5	12.7
80	14.3	9.2	13.8

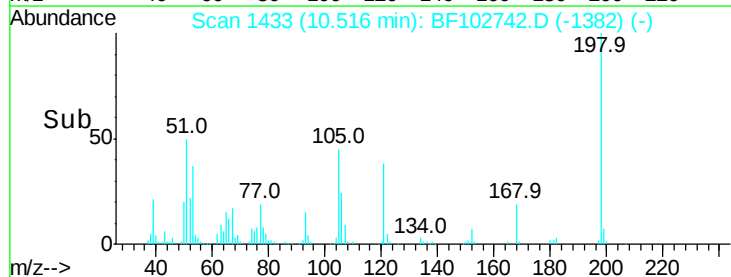
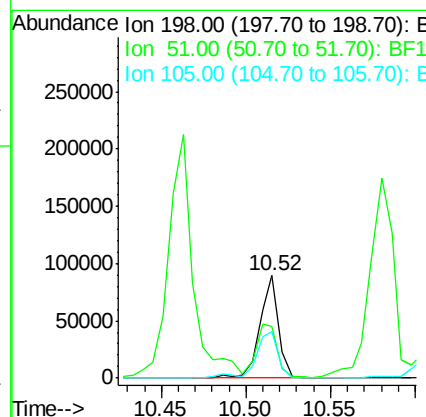
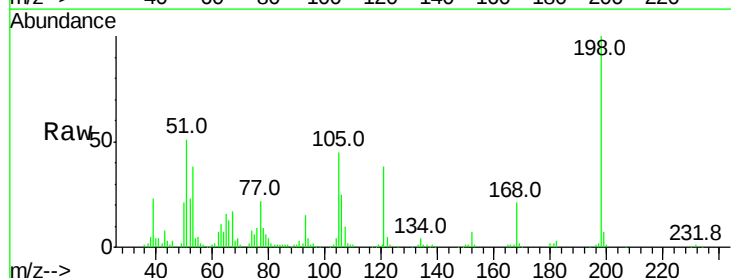
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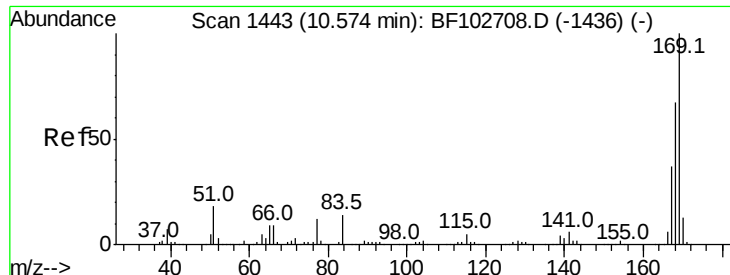
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.366 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.8	37.7	77.7
105	45.4	36.3	76.3





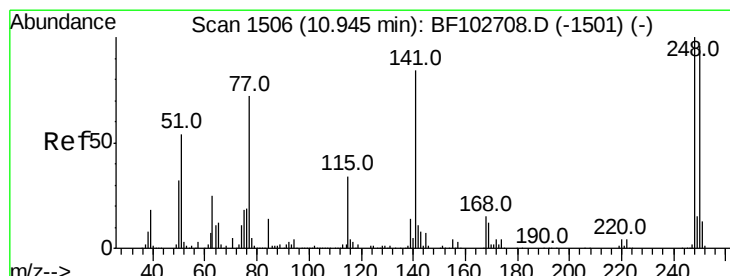
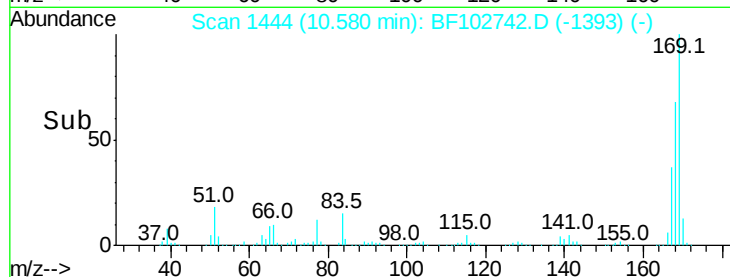
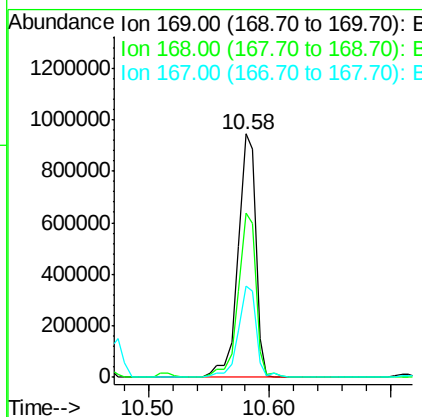
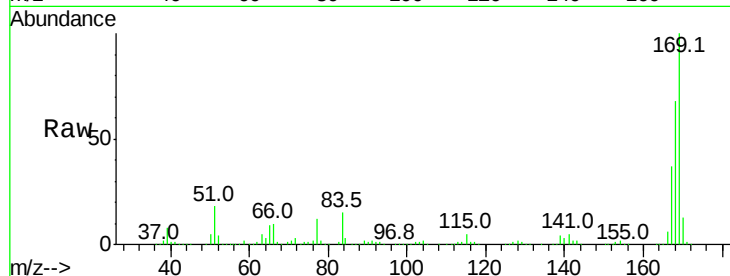
#65
n-Nitrosodiphenylamine
Concen: 45.253 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	969103		
168	67.6		54.4	81.6
167	37.4		29.8	44.6

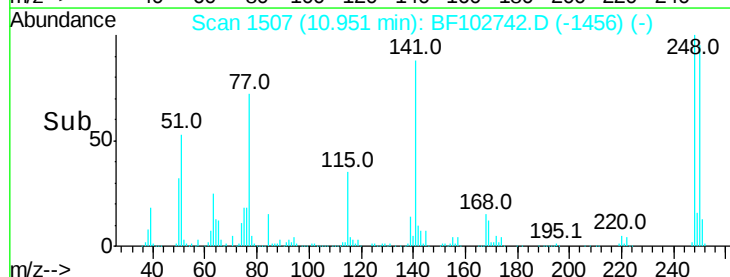
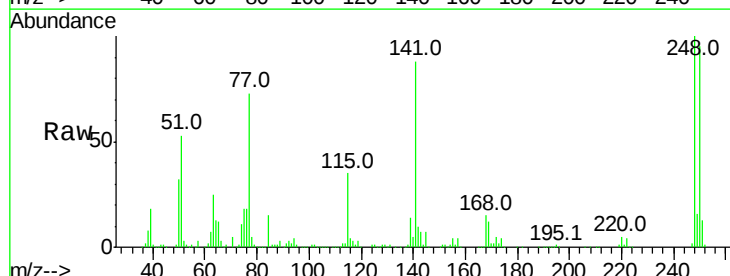
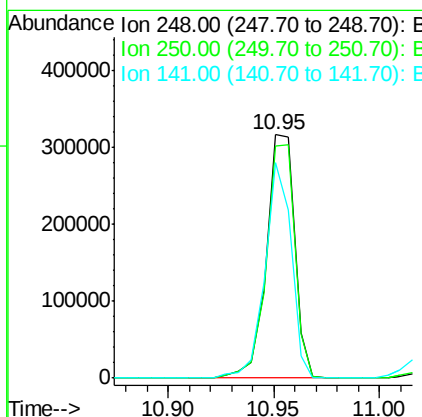
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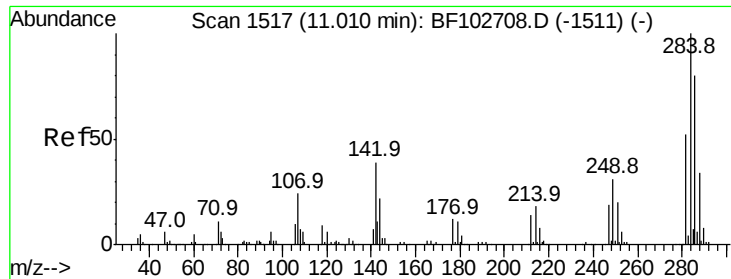
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 46.210 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	296773		
250	95.5		76.9	115.3
141	88.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 42.203 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

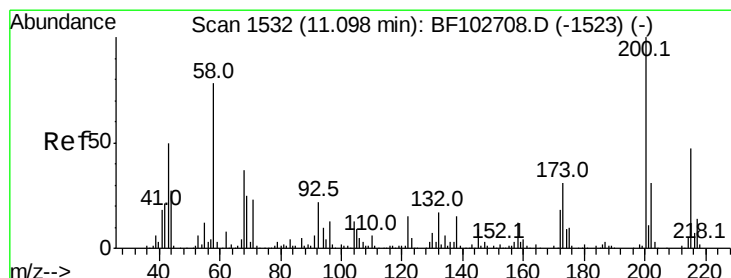
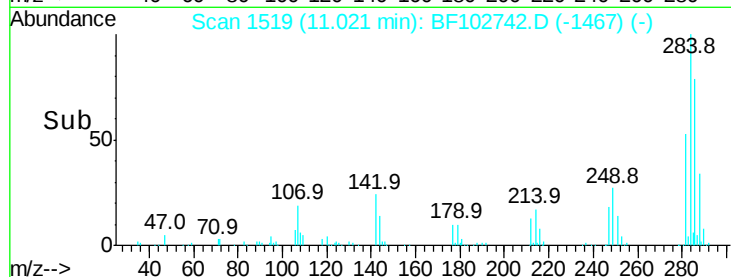
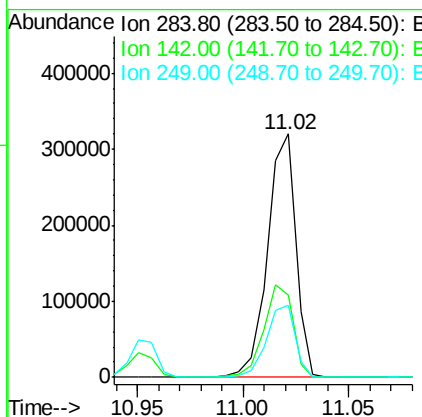
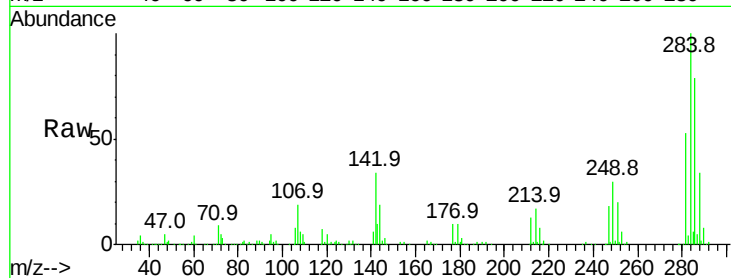
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	284	Resp:	299006
Ion Ratio	Lower	Upper	
284	100		
142	33.6	34.6	52.0#
249	29.6	24.8	37.2

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#68

Atrazine

Concen: 44.814 ng

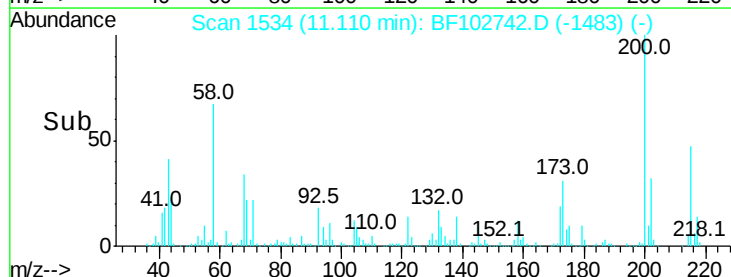
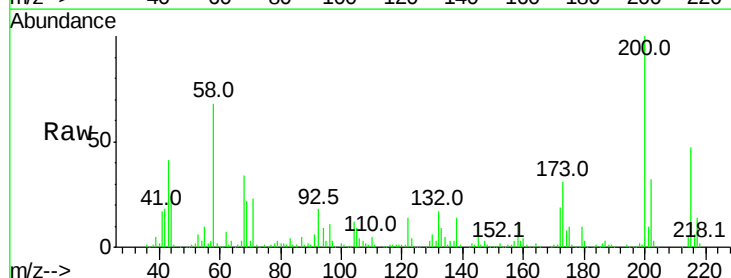
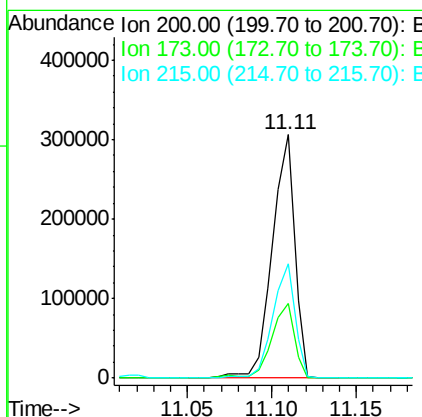
RT: 11.11 min Scan# 1534

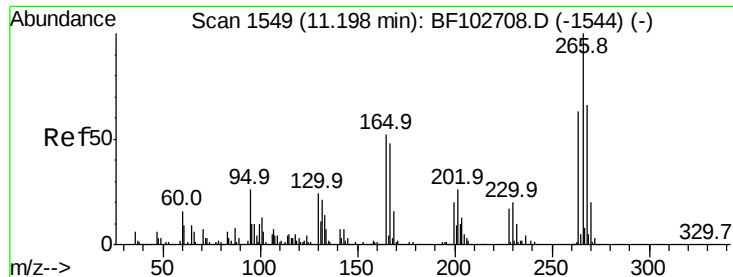
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	200	Resp:	283117
Ion Ratio	Lower	Upper	
200	100		
173	30.6	8.6	48.6
215	47.0	25.1	65.1





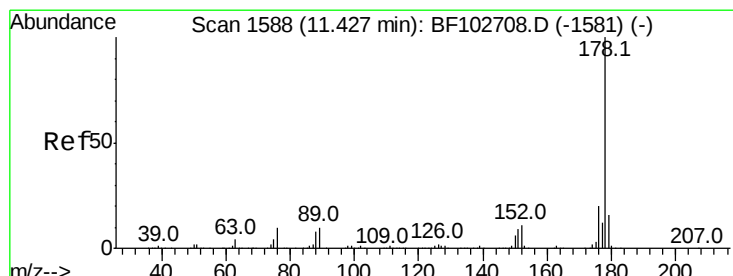
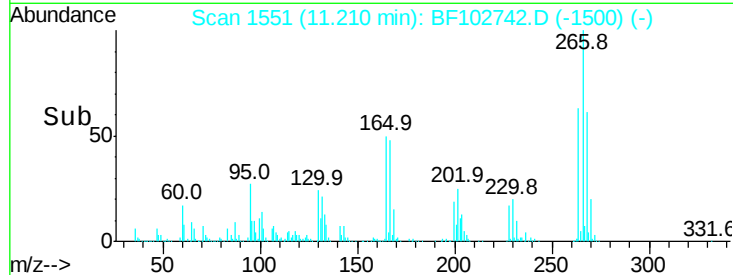
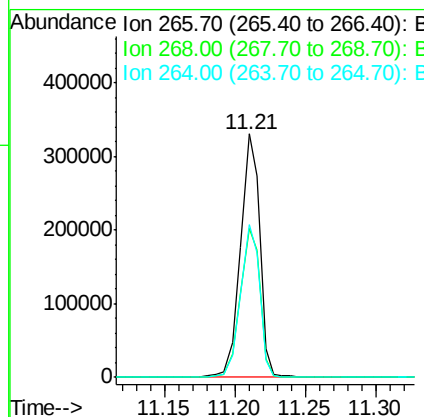
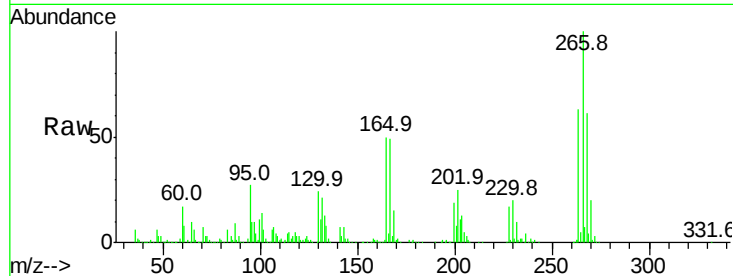
#69
 Pentachlorophenol
 Concen: 75.771 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	315131		
268	61.0	51.1	76.7	
264	62.7	49.5	74.3	

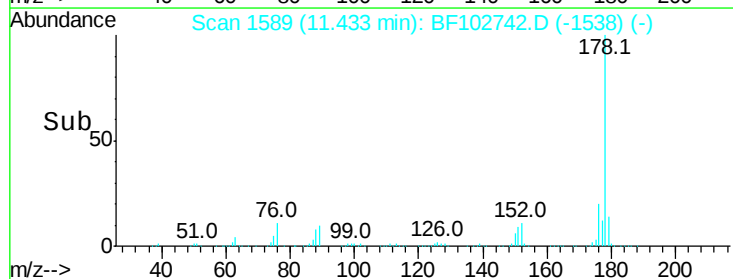
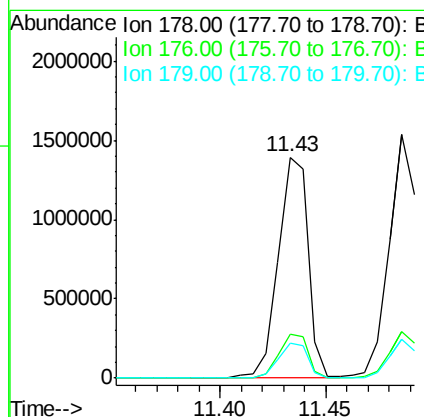
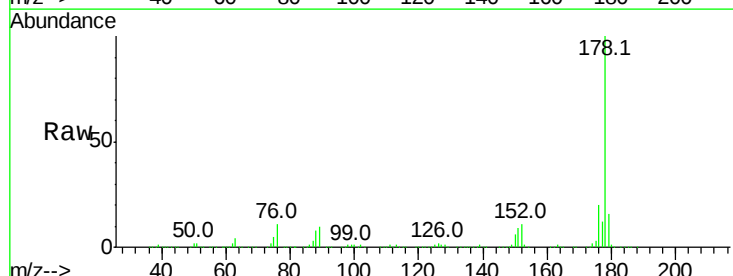
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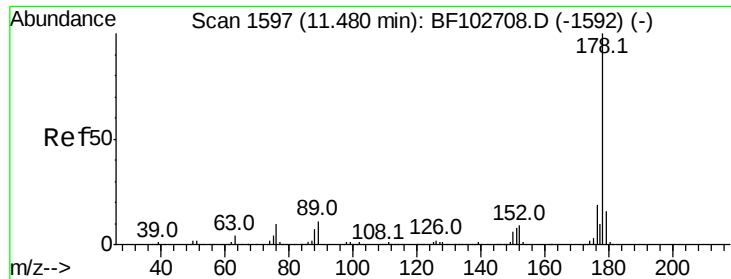
Sohil
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#70
 Phenanthrene
 Concen: 40.654 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1374622		
176	19.7	15.8	23.8	
179	15.9	13.0	19.6	





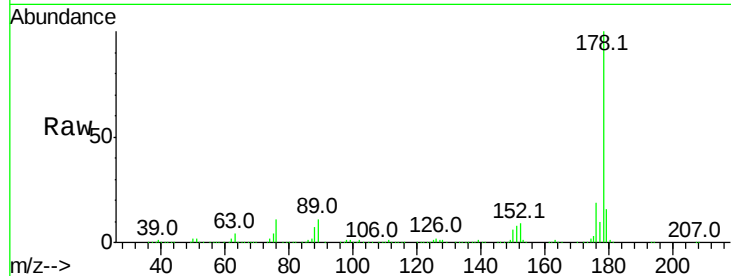
#71
 Anthracene
 Concen: 40.943 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

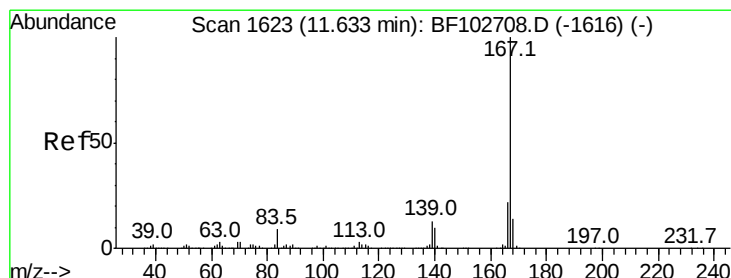
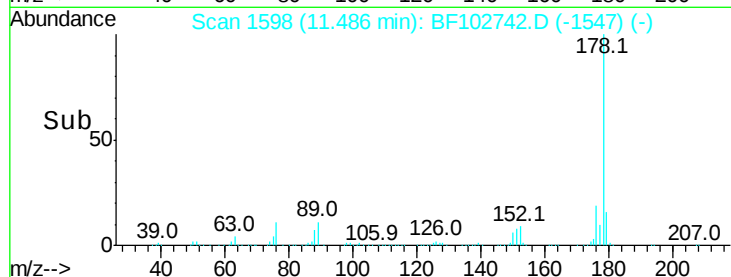
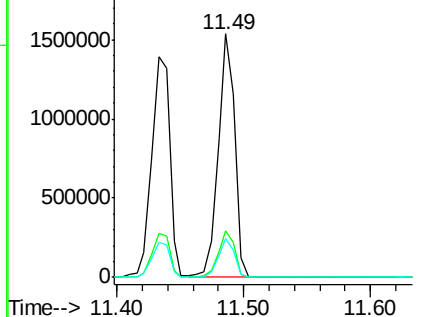
Tot Ion:178 Resp: 1408045
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.1 12.6 19.0

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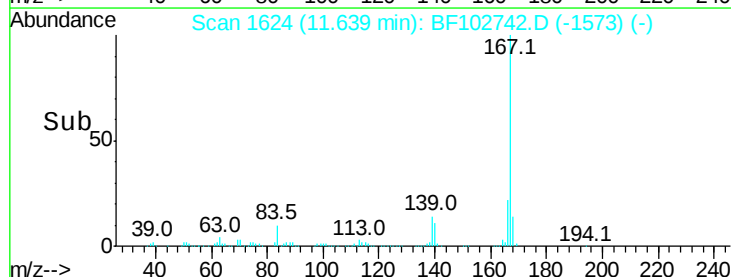
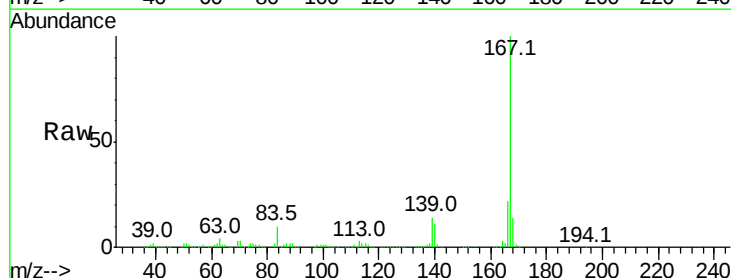
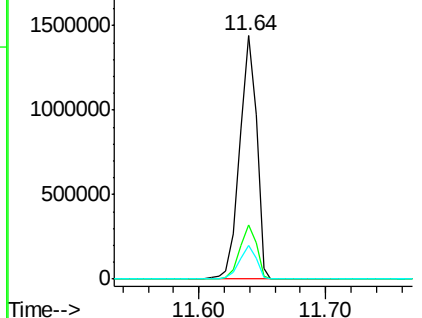
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

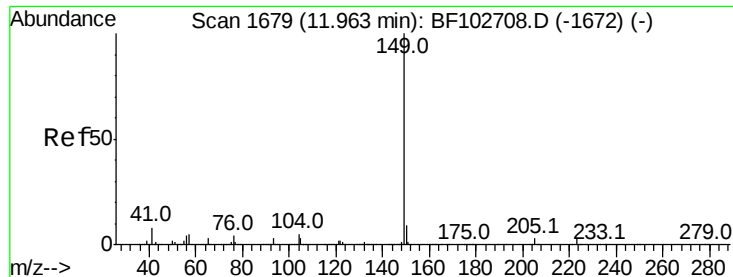


#72
 Carbazole
 Concen: 38.996 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion:167 Resp: 1313872
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.9 16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.398 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMS

Tot Ion:149 Resp: 1817073

Ion Ratio Lower Upper

149 100

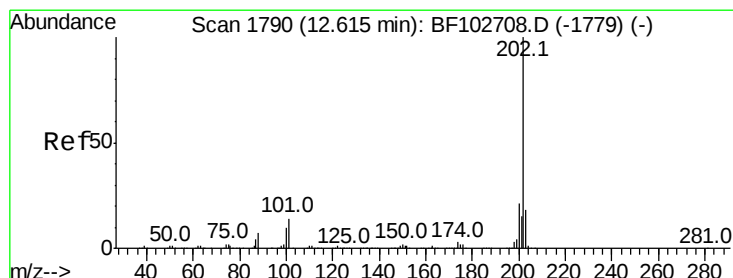
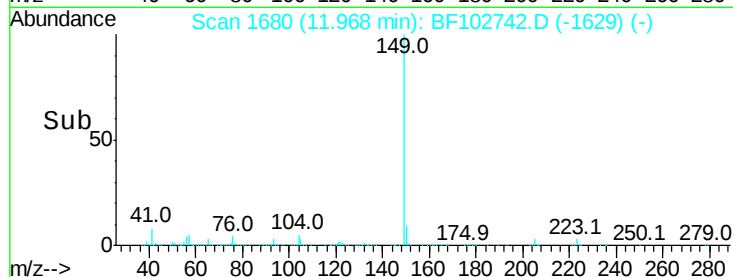
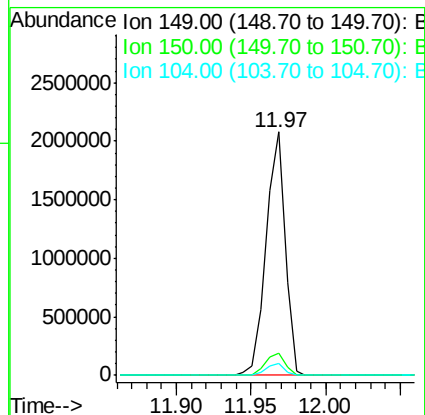
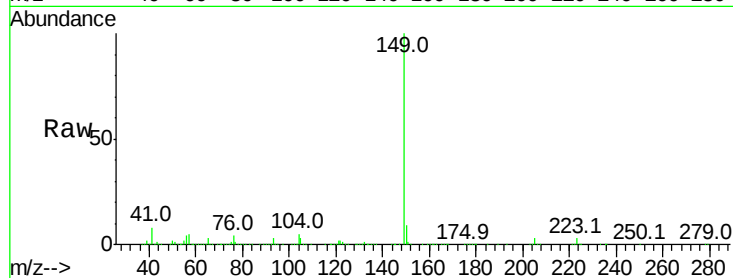
150 9.2 7.8 11.6

104 4.8 3.8 5.8

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#74

Fluoranthene

Concen: 35.380 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

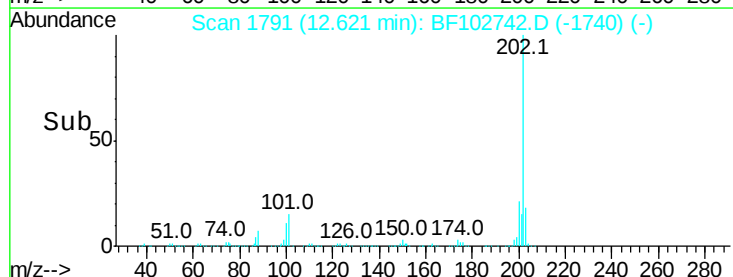
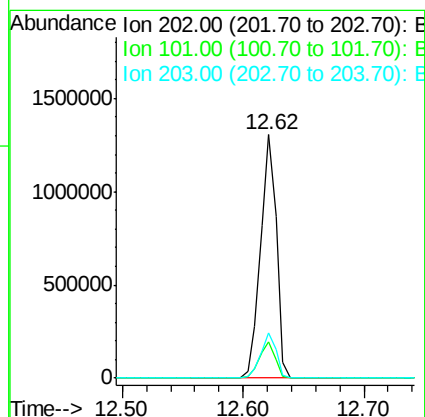
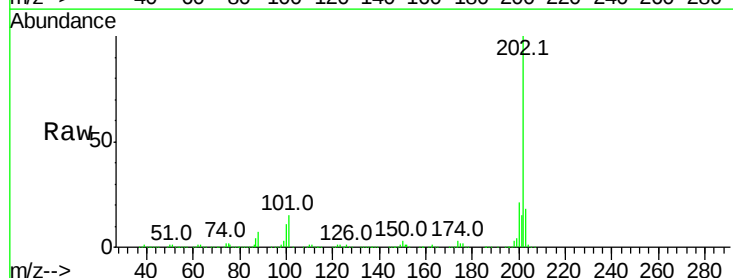
Tgt Ion:202 Resp: 1203624

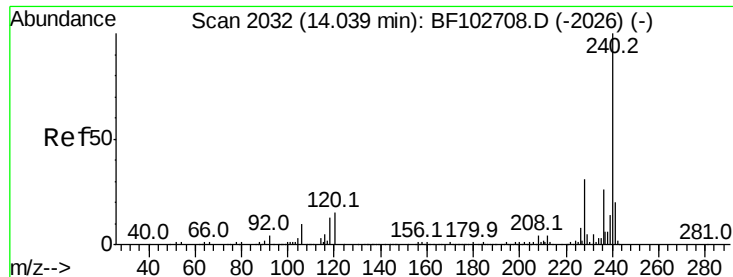
Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

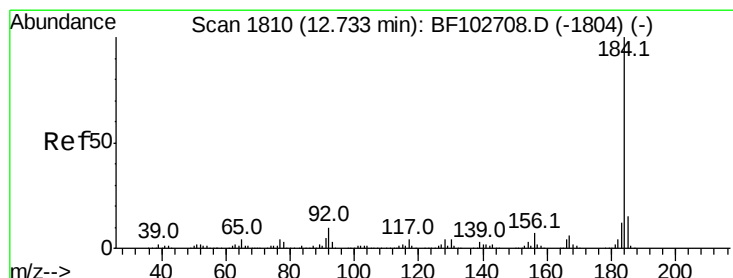
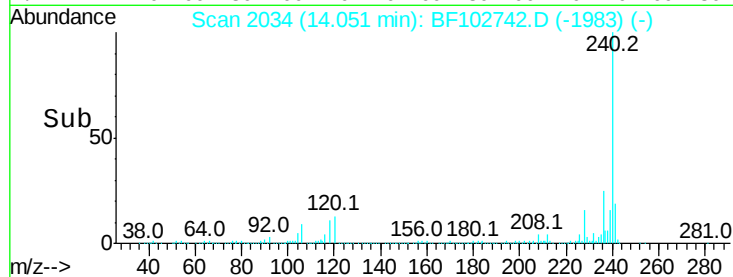
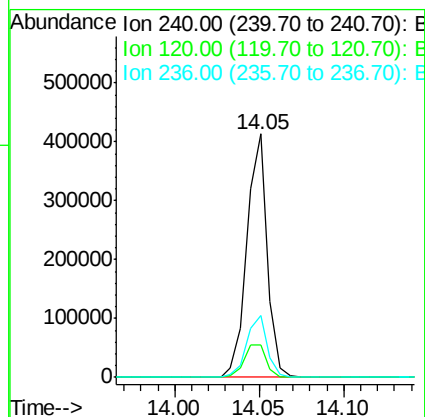
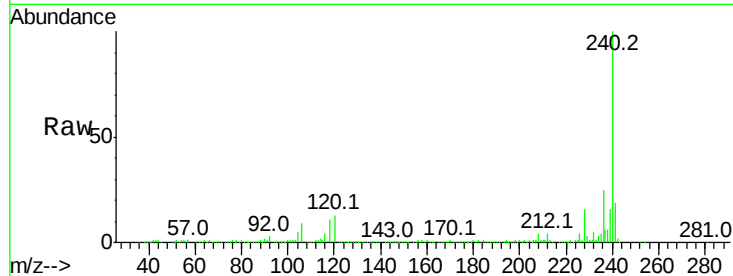
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	240	Resp:	347532
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.5	20.7	31.1

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#76

Benzidine

Concen: 22.436 ng

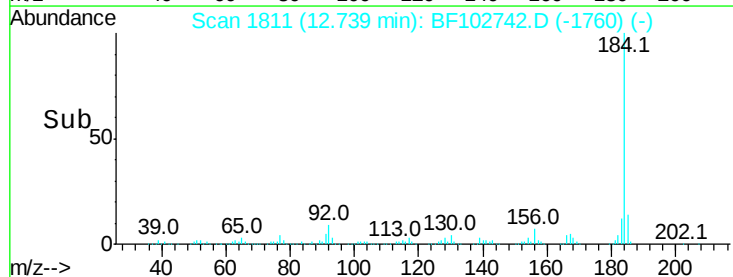
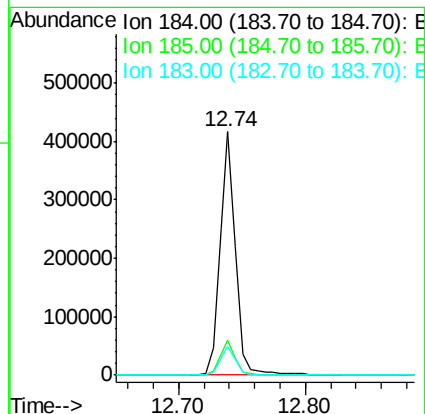
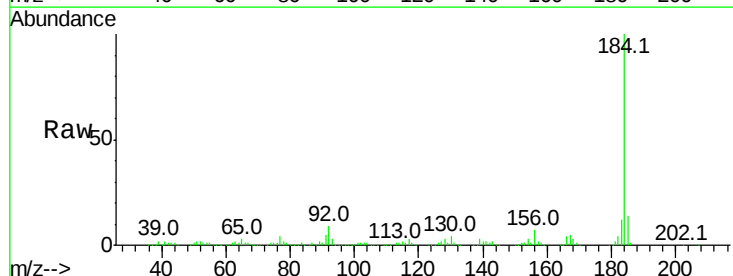
RT: 12.74 min Scan# 1811

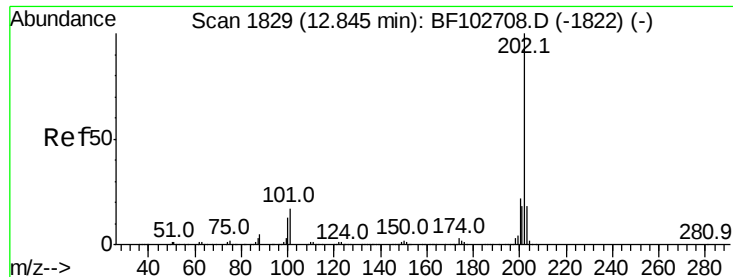
Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	184	Resp:	358367
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 43.821 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Instrument :

BNA_F

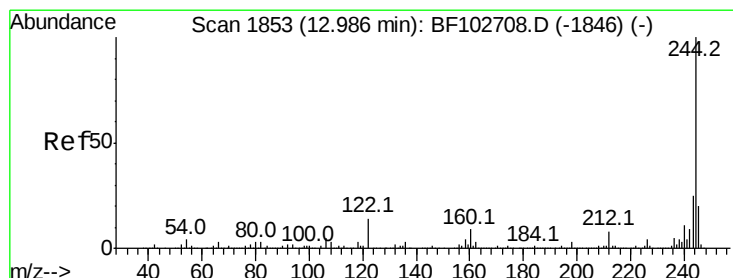
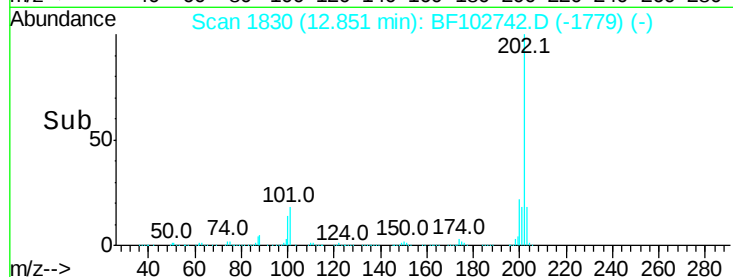
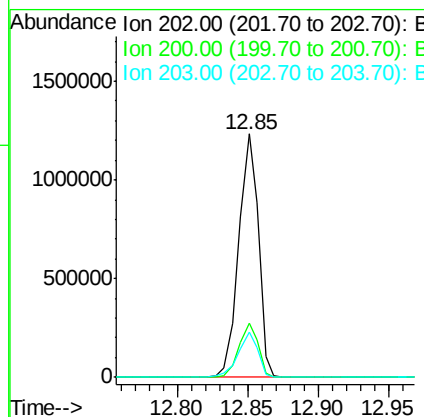
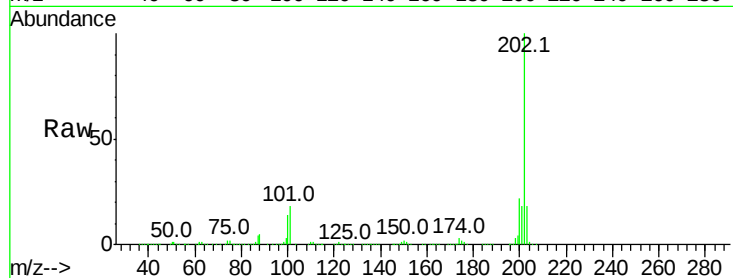
ClientSampleId :

OR-01-020218-AMS

Tot Ion:	202	Resp:	1194216
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 106.263 ng

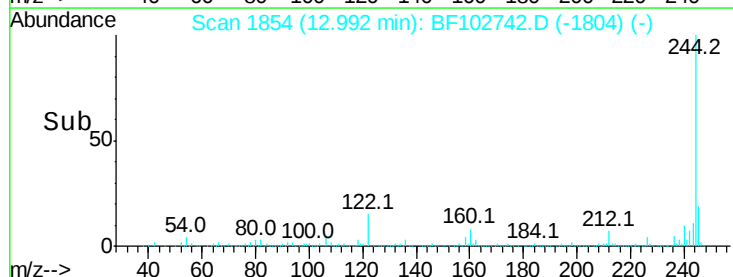
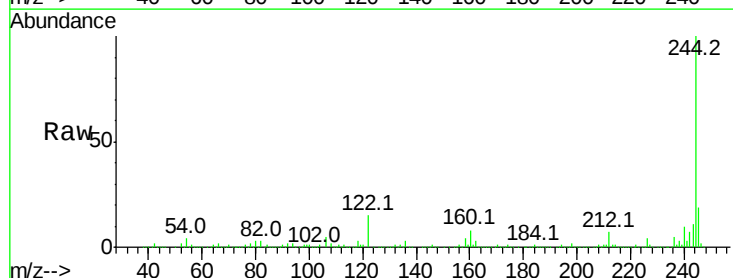
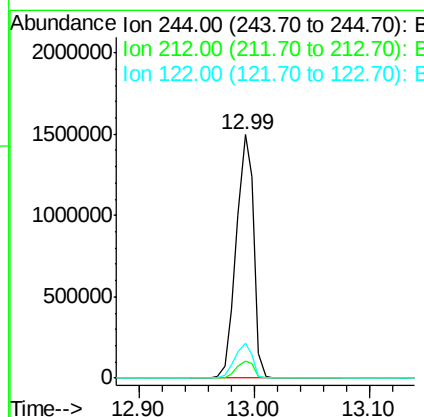
RT: 12.99 min Scan# 1854

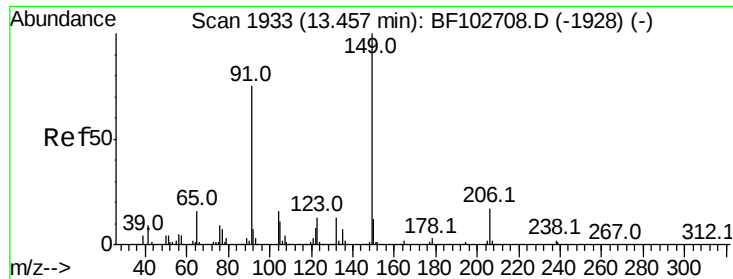
Delta R.T. -0.01 min

Lab File: BF102742.D

Acq: 5 Feb 2018 17:11

Tgt Ion:	244	Resp:	1559682
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





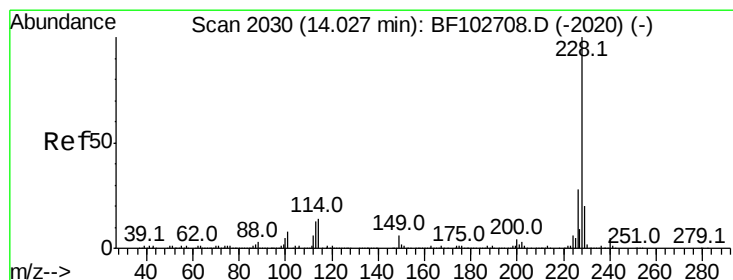
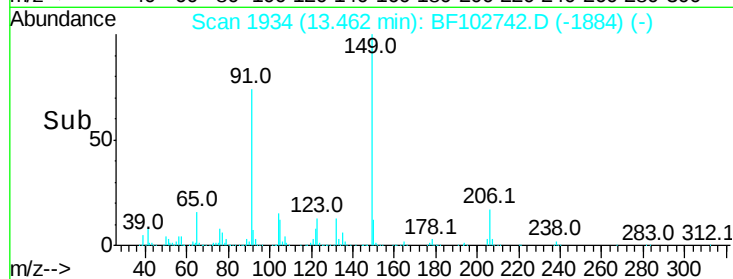
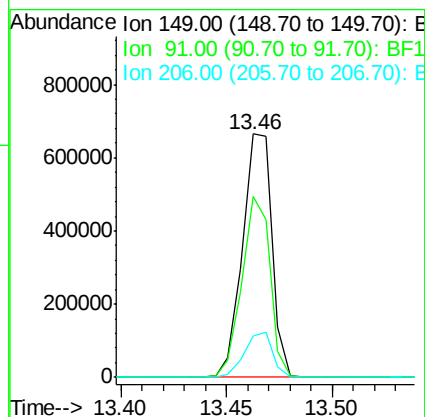
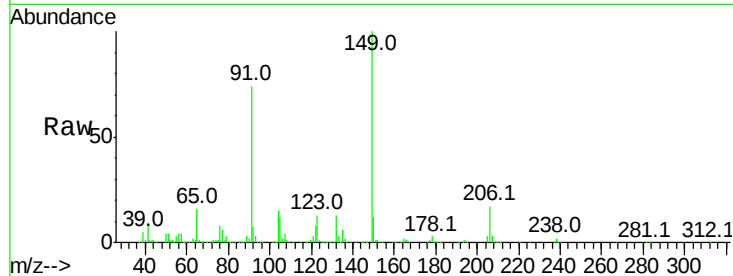
#79
Butylbenzylphthalate
Concen: 49.259 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	17.0	14.1	21.1

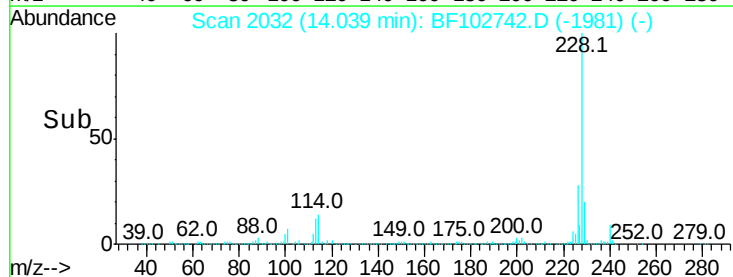
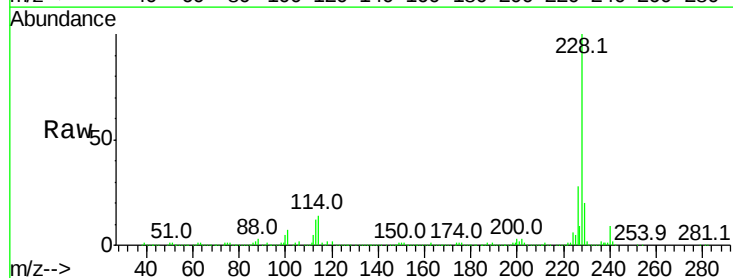
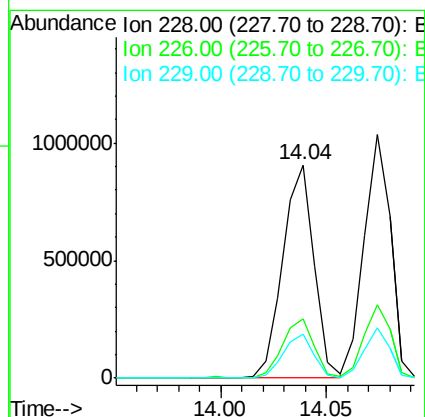
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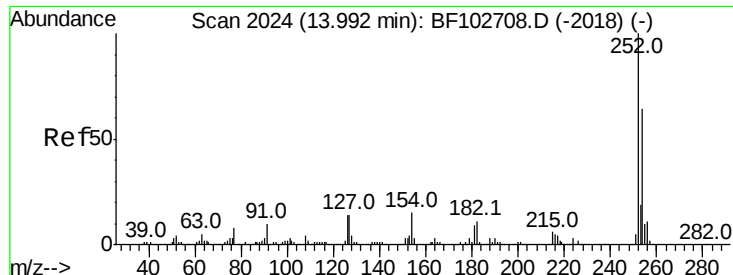
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#80
Benzo(a)anthracene
Concen: 42.880 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6





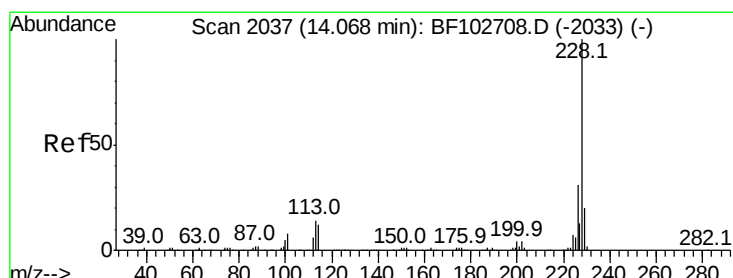
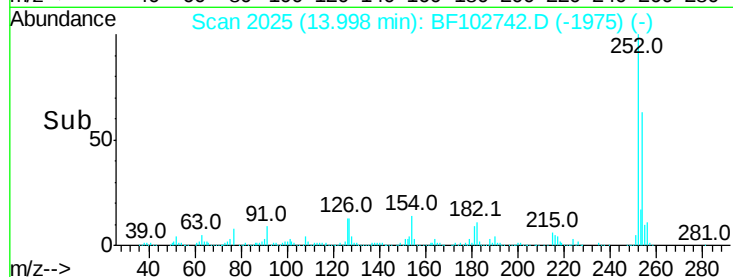
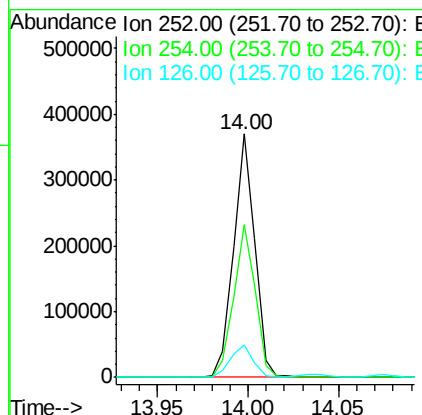
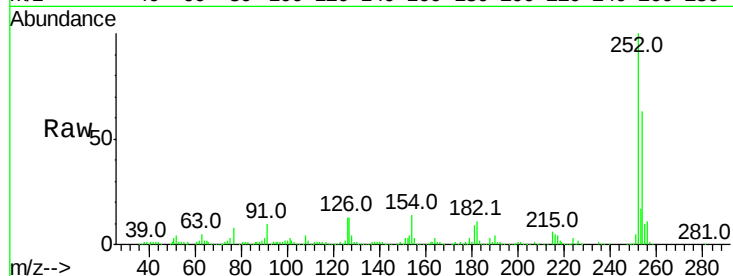
#81
 3,3'-Dichlorobenzidine
 Concen: 37.465 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	50.4	75.6
126	13.1	11.3	16.9

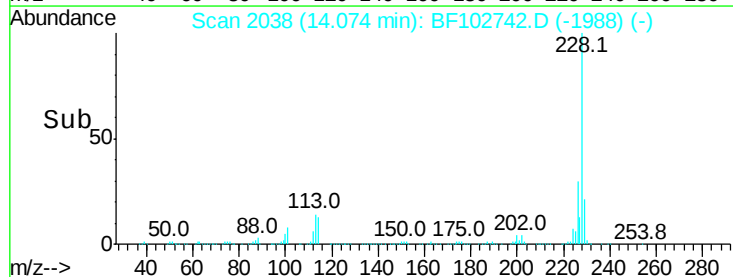
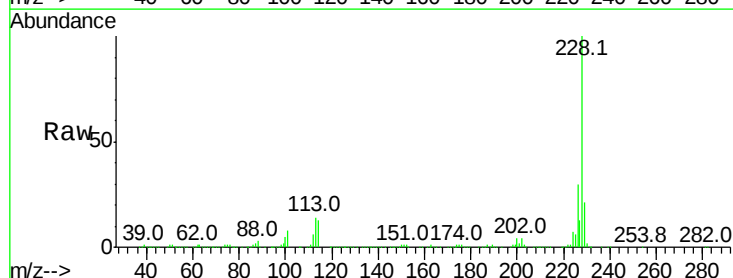
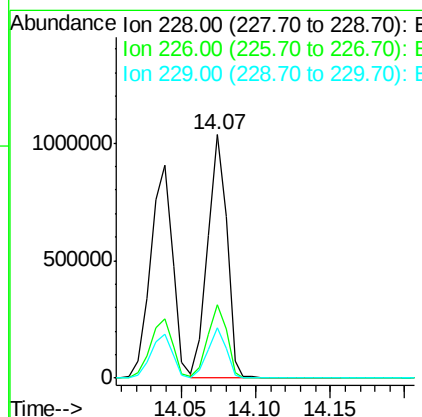
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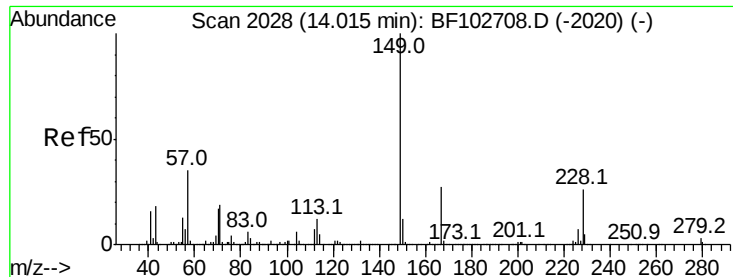
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#82
 Chrysene
 Concen: 41.448 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.5	16.2	24.4





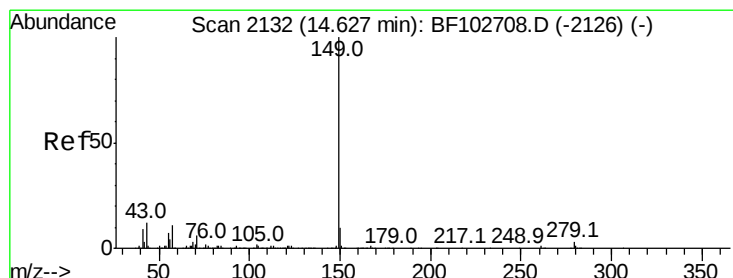
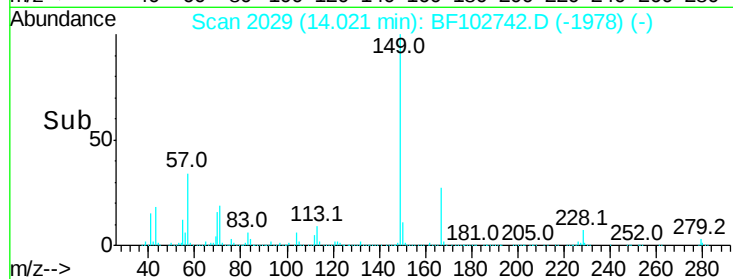
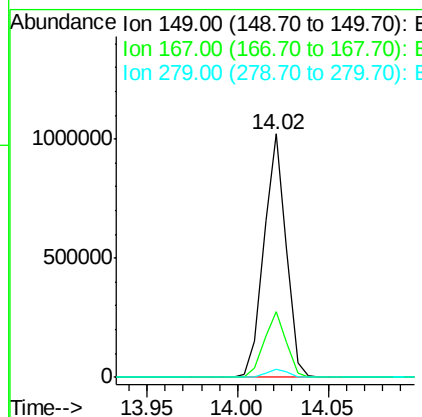
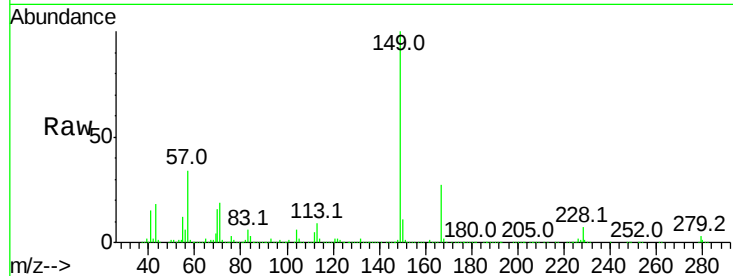
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.833 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.3	3.0	4.4

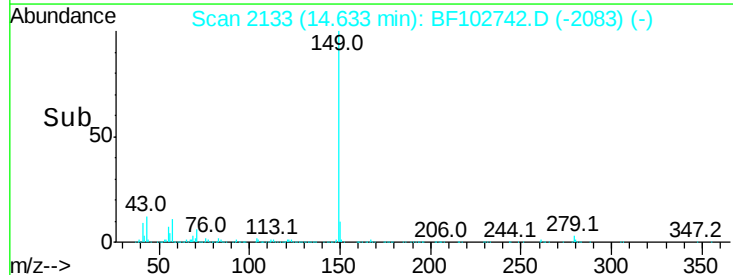
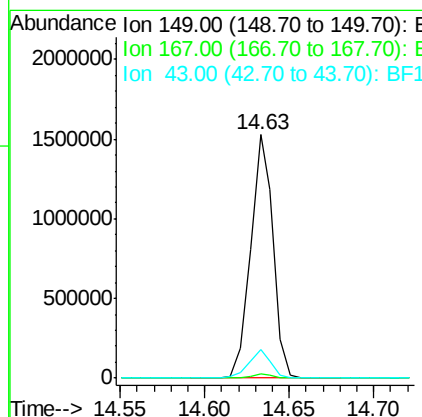
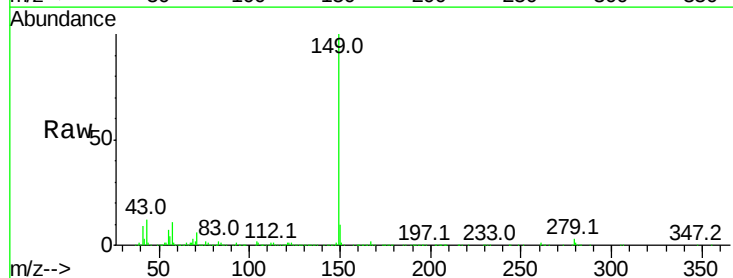
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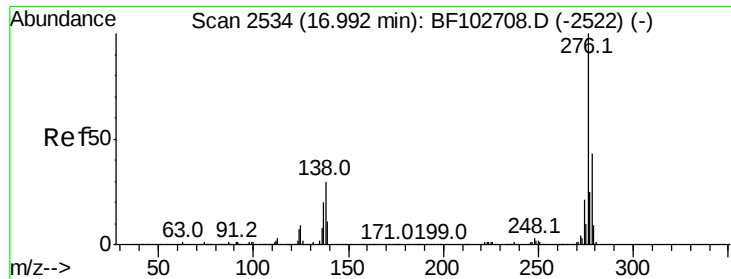
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 56.103 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	8.4	12.6





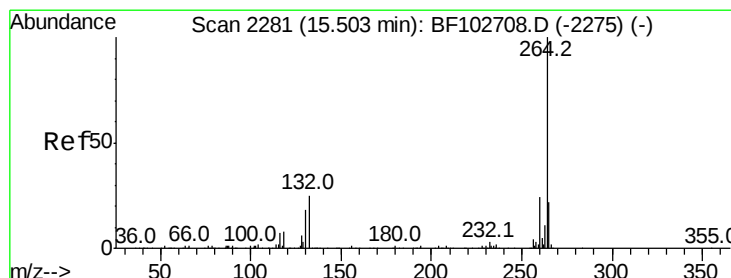
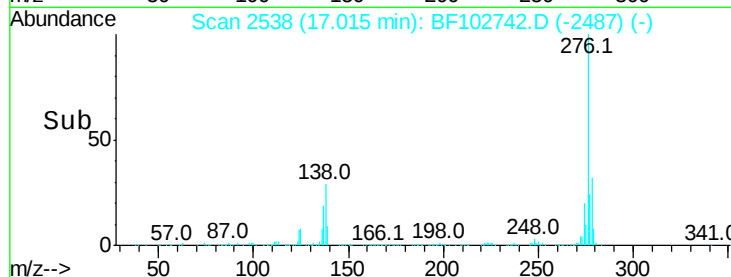
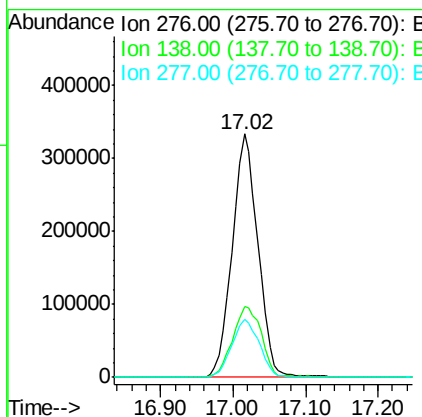
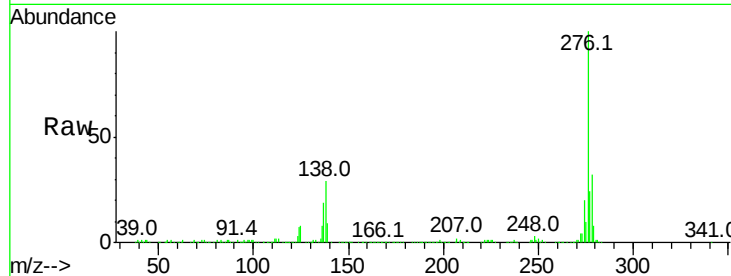
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.154 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.3	20.1	30.1

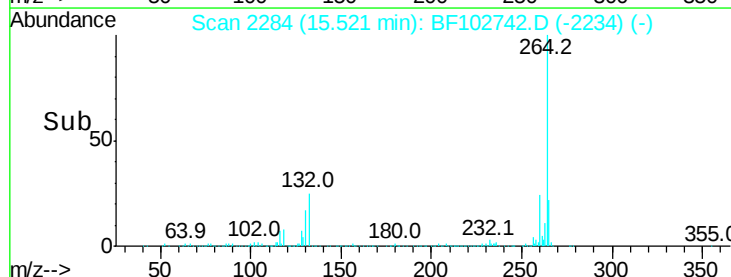
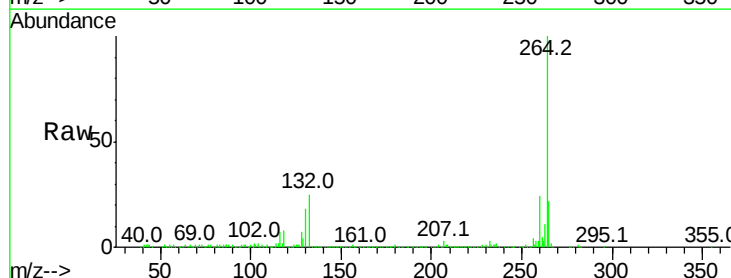
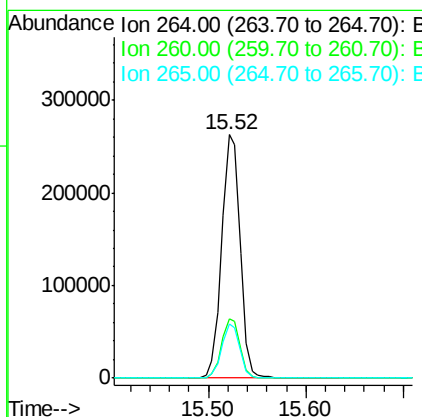
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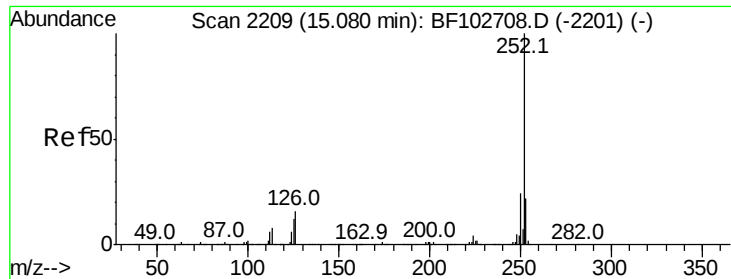
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





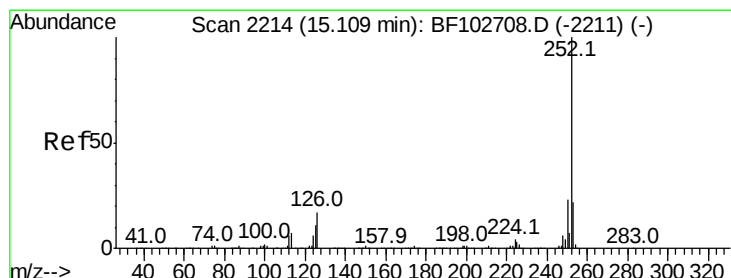
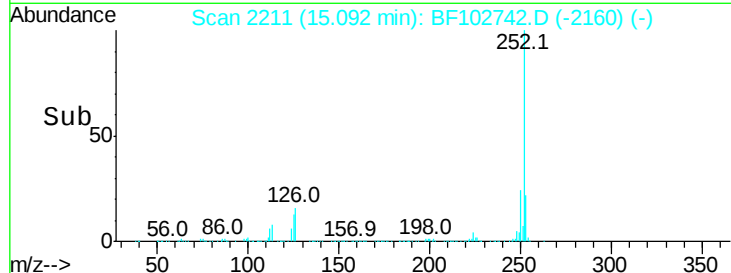
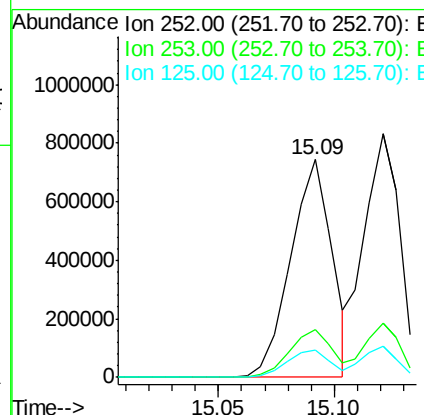
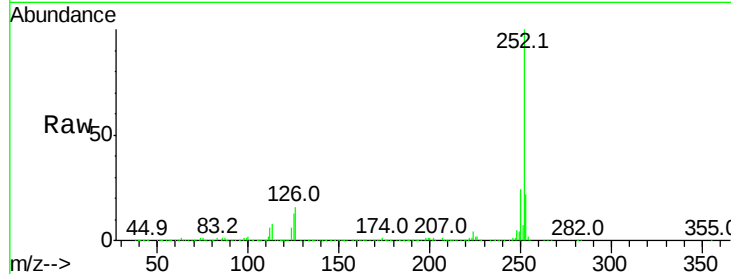
#87
Benzo(b)fluoranthene
Concen: 41.338 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.7	9.0	13.6

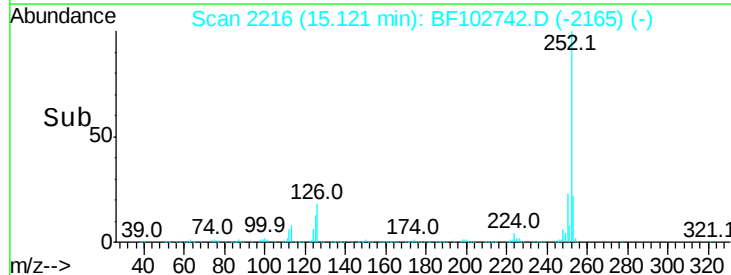
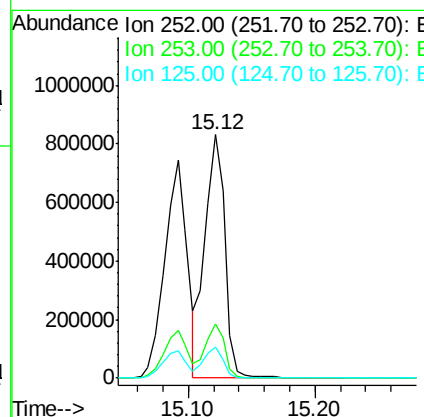
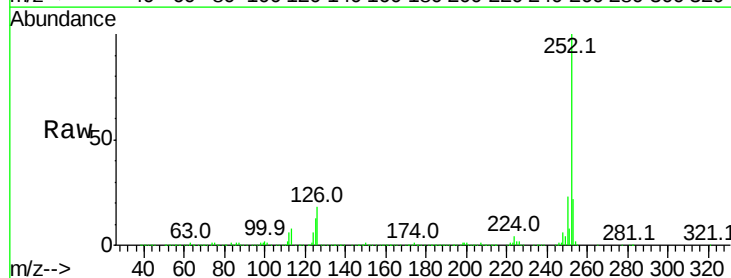
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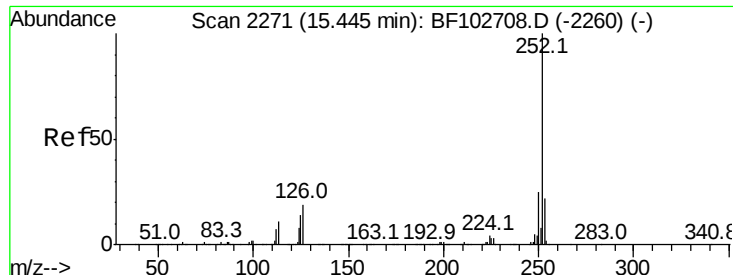
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.515 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.0	10.2	15.2





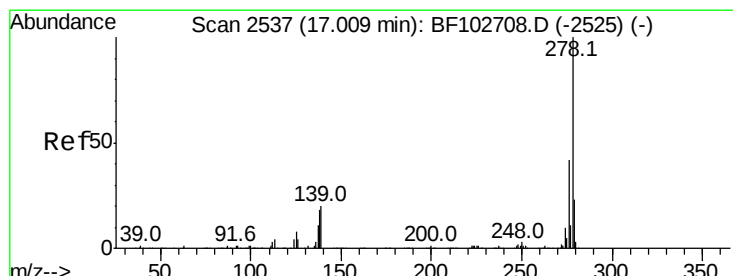
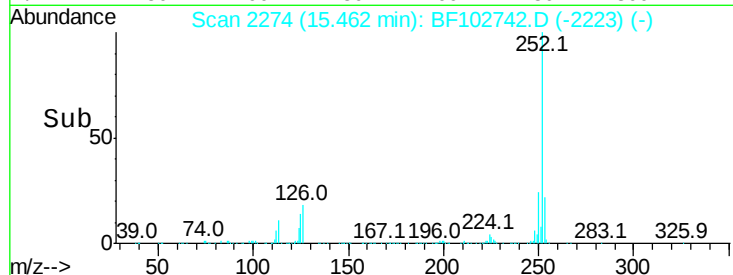
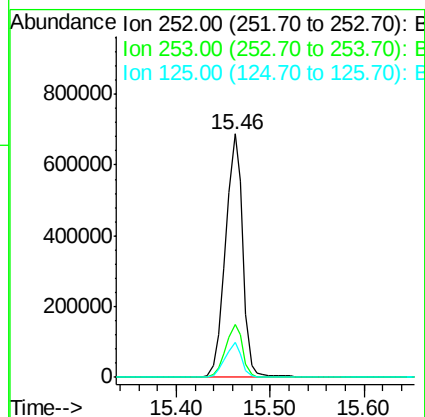
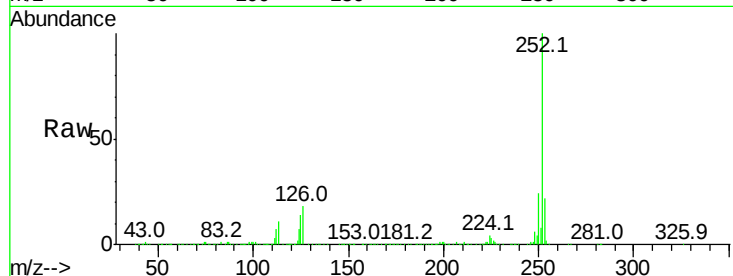
#89
Benzo(a)pyrene
Concen: 43.524 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.3	9.8	14.6

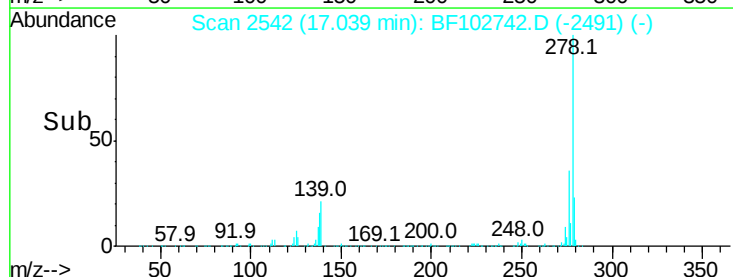
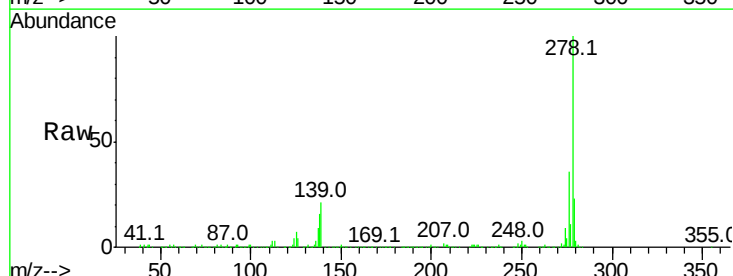
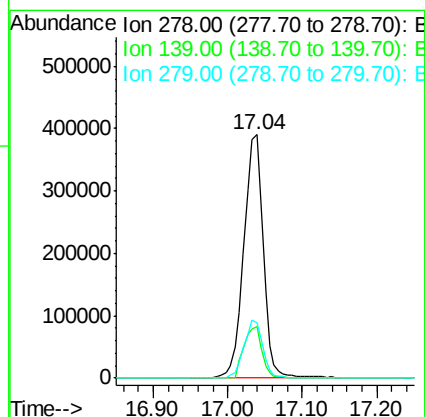
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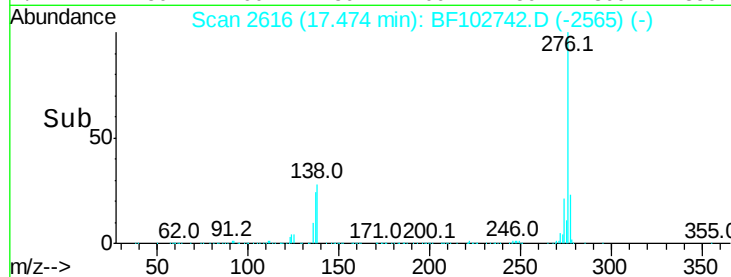
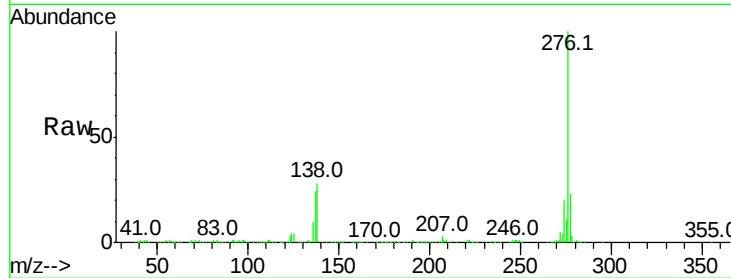
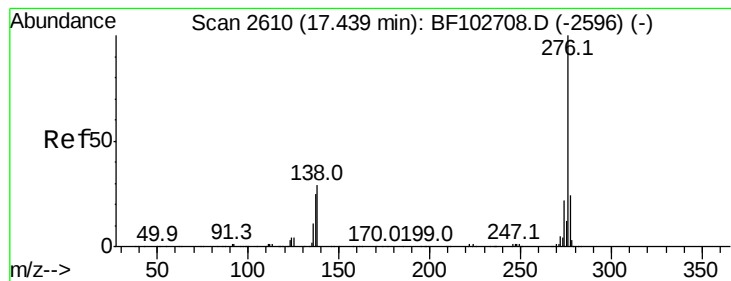
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.496 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BF102742.D
Acq: 5 Feb 2018 17:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.751 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BF102742.D
 Acq: 5 Feb 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	28.2	21.8	32.8

Manual Integrations
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 2/6/2018 2:25:34 PM

