

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_F\Data\BF021618\
 Data File : BF103053.D
 Acq On : 16 Feb 2018 15:40
 Operator : SJ/JU
 Sample : J1558-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Manual Integrations
 APPROVED

Sohil
 2/27/2018 2:32:22 PM

Quant Time: Feb 16 16:40:53 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180204	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	727445	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	298555	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	439996	20.00	ng	0.00
75) Chrysene-d12	14.05	240	296219	20.00	ng	0.00
86) Perylene-d12	15.53	264	276728	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1476566	124.44	ng	0.02
7) Phenol-d6	6.52	99	1768699	123.79	ng	0.01
23) Nitrobenzene-d5	7.45	82	1138396	108.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	295574	123.00	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1569715	87.24	ng	0.00
78) Terphenyl-d14	12.99	244	1135655	90.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	243764	41.592	ng	89
3) Pyridine	3.49	79	688318	42.508	ng	91
4) n-Nitrosodimethylamine	3.45	42	346317	49.987	ng	100
6) Aniline	6.55	93	669685	31.740	ng	94
8) 2-Chlorophenol	6.67	128	572548	46.868	ng	95
9) Benzaldehyde	6.43	77	130953	12.342	ng	97
10) Phenol	6.53	94	715926	46.757	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	586936	46.067	ng	92
12) 1,3-Dichlorobenzene	6.82	146	603657	42.672	ng	99
13) 1,4-Dichlorobenzene	6.90	146	606501	43.039	ng	98
14) 1,2-Dichlorobenzene	7.05	146	549846	41.892	ng	99
15) Benzyl Alcohol	7.02	79	498121	45.348	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	997571	41.217	ng	99
17) 2-Methylphenol	7.13	107	502153	44.564	ng	99
18) Hexachloroethane	7.39	117	202067	41.816	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	380198	40.361	ng	97
20) 3+4-Methylphenols	7.29	107	554058	39.872	ng	# 76
22) Acetophenone	7.29	105	740092	41.575	ng	# 91
24) Nitrobenzene	7.47	77	623814	50.582	ng	95
25) Isophorone	7.70	82	1148842	47.578	ng	99
26) 2-Nitrophenol	7.78	139	303650	57.768	ng	98
27) 2,4-Dimethylphenol	7.82	122	506754	49.675	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	722378	50.501	ng	100
29) 2,4-Dichlorophenol	8.02	162	459008	49.496	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	452794	43.160	ng	99
31) Naphthalene	8.19	128	1551015	43.640	ng	99
32) Benzoic acid	7.89	122	38619	13.621	ng	98
33) 4-Chloroaniline	8.23	127	331350	21.641	ng	99
34) Hexachlorobutadiene	8.30	225	223906	41.650	ng	99
35) Caprolactam	8.60	113	155537m	48.294	ng	
36) 4-Chloro-3-methylphenol	8.72	107	496685	47.668	ng	95
37) 2-Methylnaphthalene	8.87	142	1000428	42.993	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	376663	46.335	ng	97
40) Hexachlorocyclopentadiene	9.02	237	86995	22.512	ng	99

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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	277421	51.957	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	288973	48.018	ng	99
45) 1,1'-Biphenyl	9.34	154	1108850	44.096	ng	100
46) 2-Chloronaphthalene	9.37	162	878155	44.358	ng	98
47) 2-Nitroaniline	9.46	65	342858	55.537	ng	93
48) Acenaphthylene	9.78	152	1278473	41.579	ng	98
49) Dimethylphthalate	9.64	163	1180891	50.728	ng	100
50) 2,6-Dinitrotoluene	9.70	165	227328	51.329	ng	96
51) Acenaphthene	9.95	154	744377	40.481	ng	98
52) 3-Nitroaniline	9.87	138	225621	41.402	ng	98
53) 2,4-Dinitrophenol	9.98	184	19127	27.144	ng	# 19
54) Dibenzofuran	10.13	168	1112217	42.919	ng	98
55) 4-Nitrophenol	10.04	139	359548	80.272	ng	91
56) 2,4-Dinitrotoluene	10.11	165	282100	47.526	ng	98
57) Fluorene	10.47	166	817794	43.374	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199560	47.844	ng	99
59) Diethylphthalate	10.33	149	987234	42.950	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	375555	45.027	ng	98
61) 4-Nitroaniline	10.49	138	236304	45.556	ng	88
62) Azobenzene	10.62	77	950141	41.377	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	28947	22.776	ng	95
65) n-Nitrosodiphenylamine	10.57	169	759743	48.953	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	223328	47.983	ng	97
67) Hexachlorobenzene	11.02	284	228894	44.579	ng	97
68) Atrazine	11.10	200	217633	47.533	ng	99
69) Pentachlorophenol	11.21	266	203792	67.613	ng	99
70) Phenanthrene	11.43	178	1042555	42.545	ng	99
71) Anthracene	11.49	178	1080623	43.357	ng	99
72) Carbazole	11.64	167	1036366	42.444	ng	99
73) Di-n-butylphthalate	11.96	149	1352494	45.599	ng	100
74) Fluoranthene	12.62	202	976184	39.594	ng	98
76) Benzidine	12.74	184	649460	47.704	ng	98
77) Pyrene	12.85	202	994145	42.799	ng	100
79) Butylbenzylphthalate	13.46	149	537995	48.412	ng	98
80) Benzo(a)anthracene	14.04	228	849169	45.582	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	336722	48.748	ng	99
82) Chrysene	14.08	228	817563	43.535	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	744886	52.349	ng	99
84) Di-n-octyl phthalate	14.63	149	1265498	59.230	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	717257	46.051	ng	98
87) Benzo(b)fluoranthene	15.10	252	798109	44.484	ng	98
88) Benzo(k)fluoranthene	15.13	252	772261	45.049	ng	99
89) Benzo(a)pyrene	15.47	252	729888	45.196	ng	# 96
90) Dibenzo(a,h)anthracene	17.06	278	599735	45.754	ng	100
91) Benzo(g,h,i)perylene	17.51	276	597721	46.588	ng	97

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

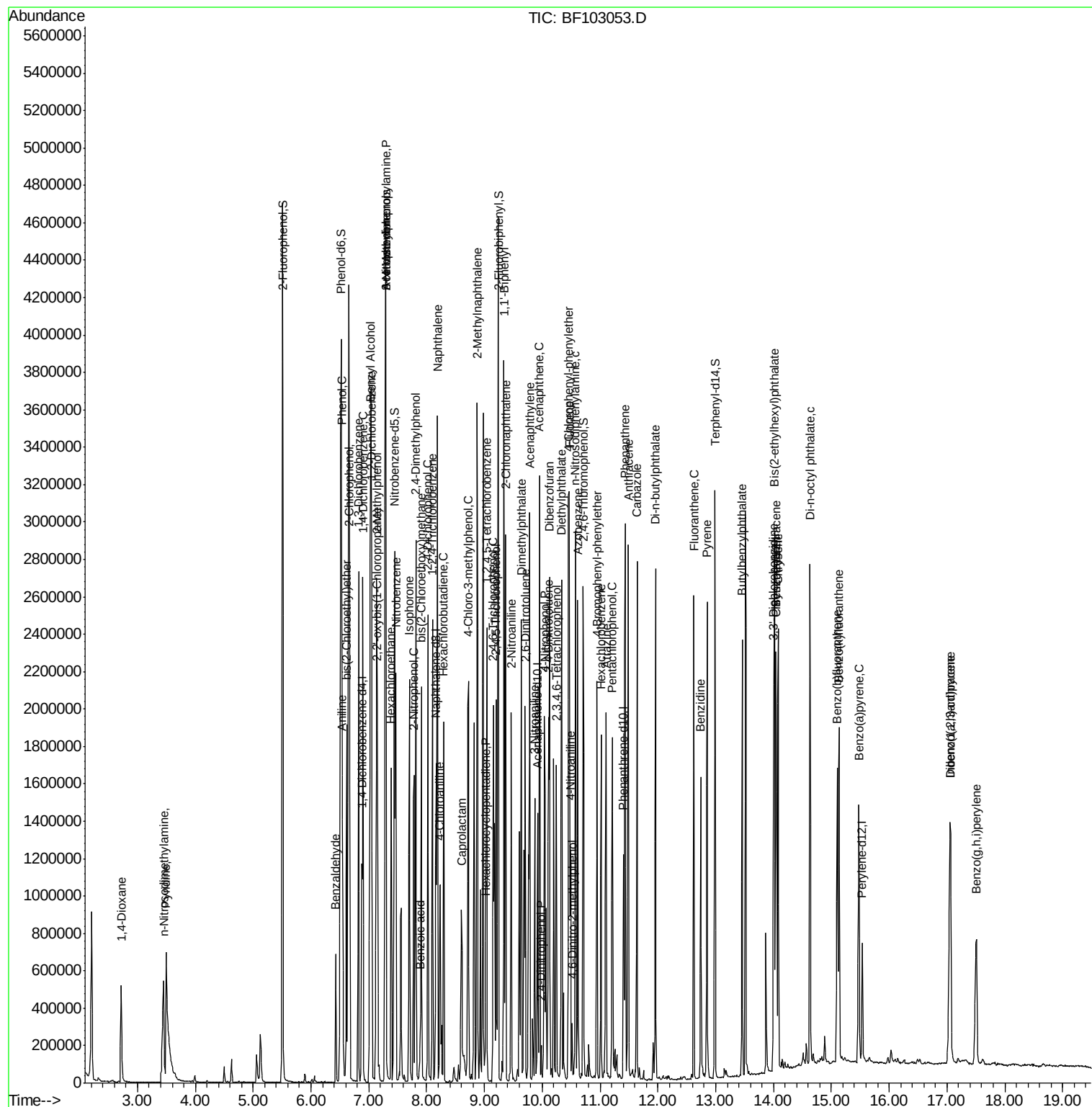
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_F\Data\BF021618\
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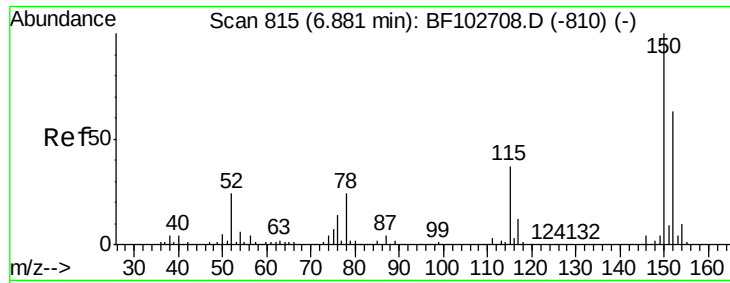
Instrument :
BNA_F
ClientSampleId :
RO-155MSD

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#1

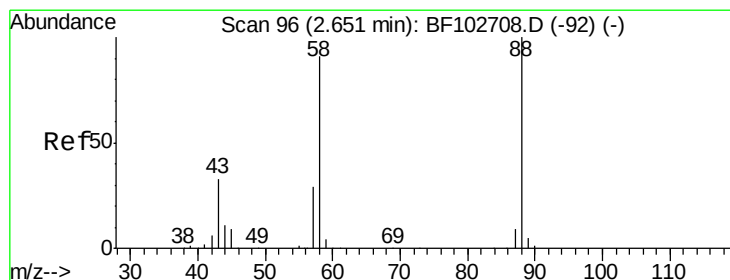
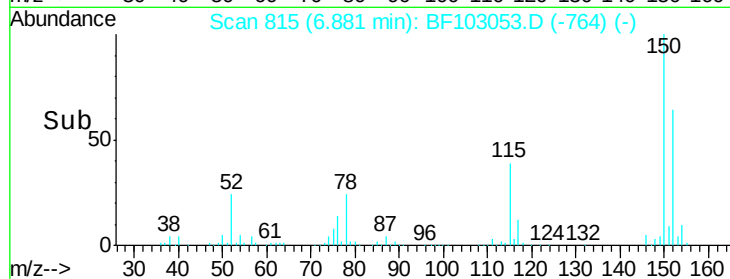
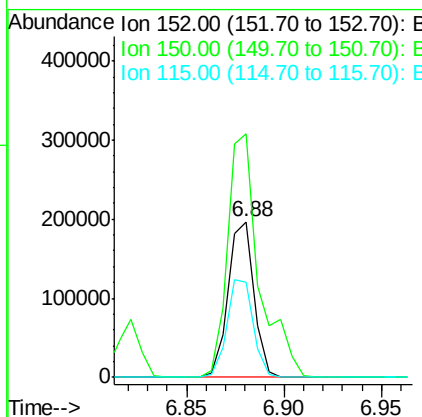
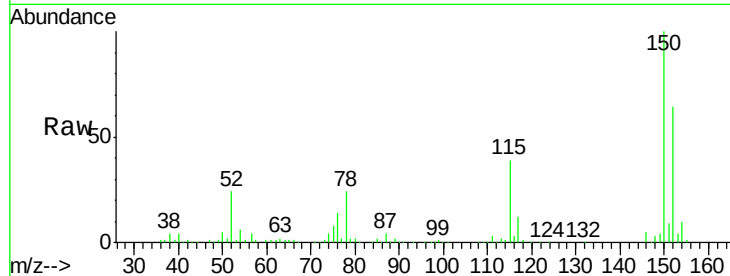
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.1	50.1	75.1

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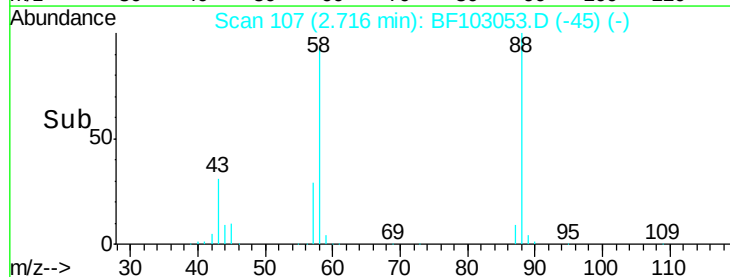
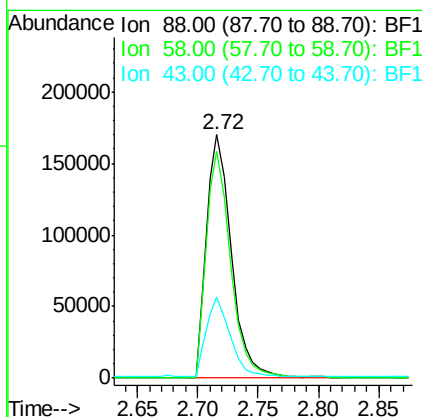
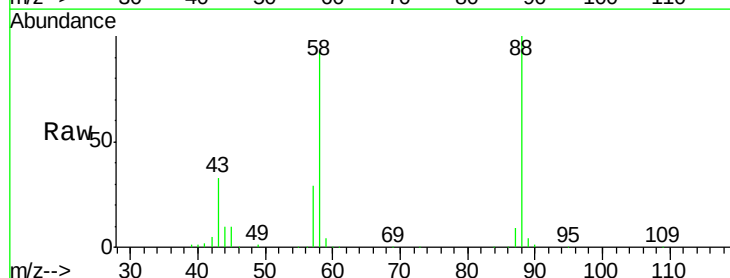
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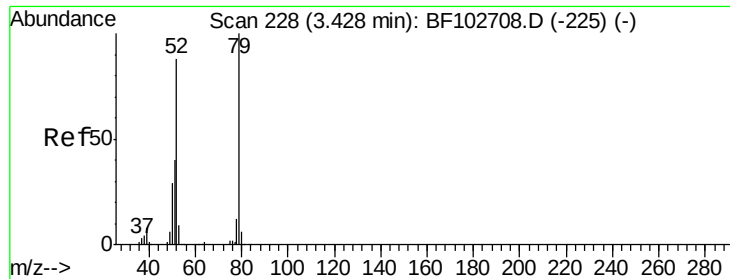


#2

1,4-Dioxane
Concen: 41.592 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.9	62.6	93.8
43	30.9	24.6	37.0





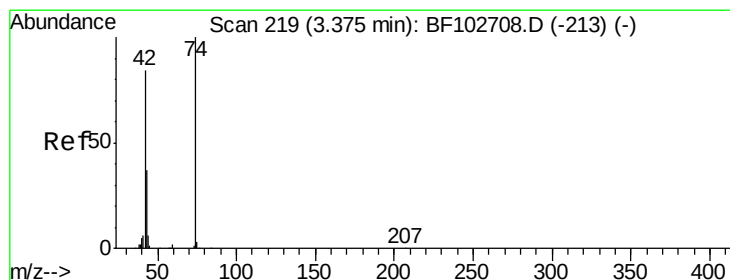
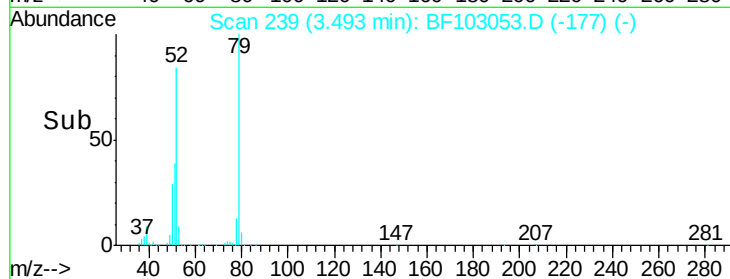
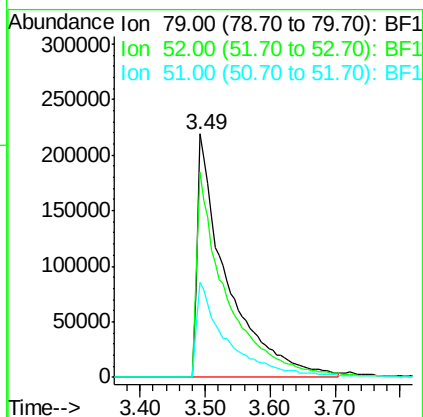
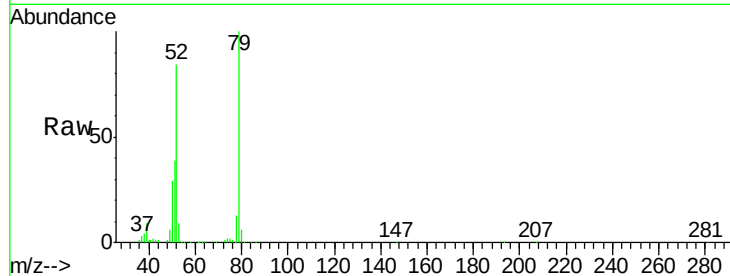
#3
 Pyridine
 Concen: 42.508 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.2	59.8	89.6
51	39.3	29.8	44.8

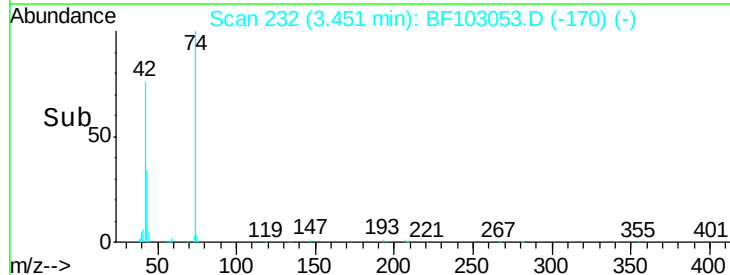
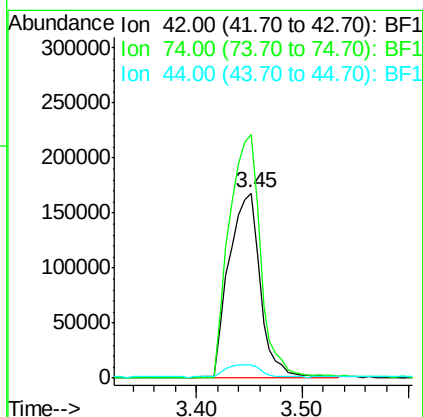
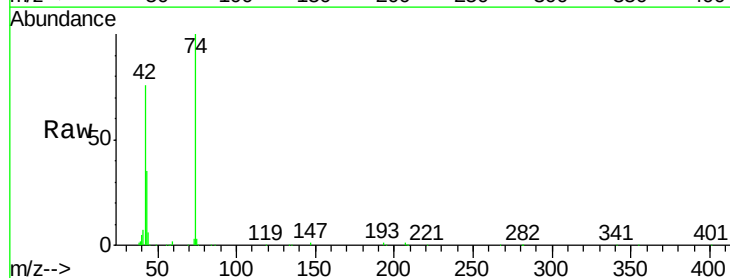
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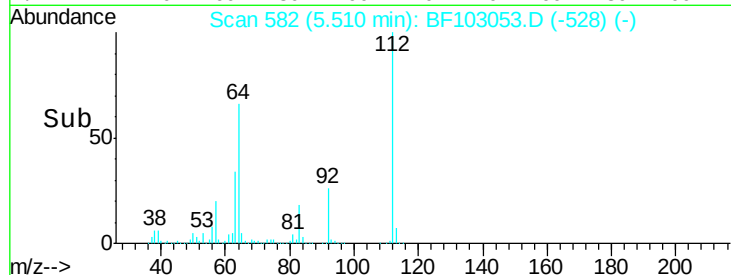
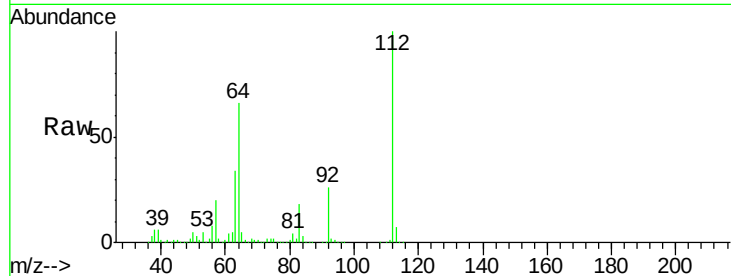
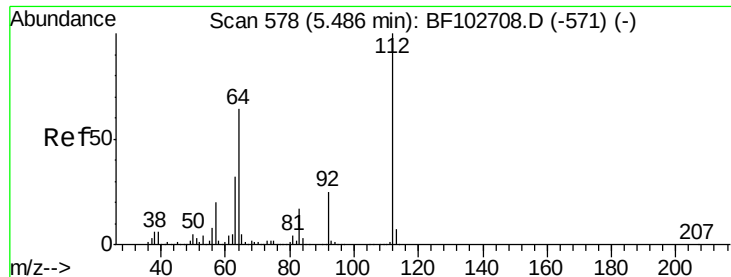
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#4
 n-Nitrosodimethylamine
 Concen: 49.987 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.06 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.5	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 124.437 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	112	Resp:	1476566
Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	33.7	23.7	35.5

Instrument :

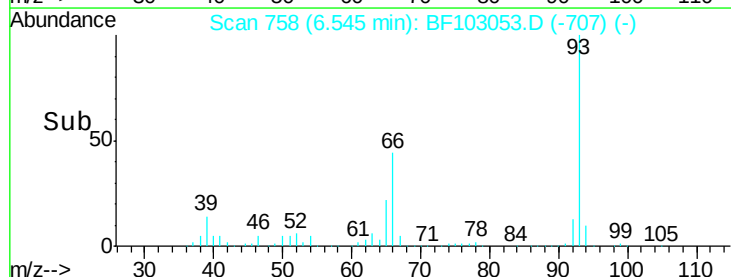
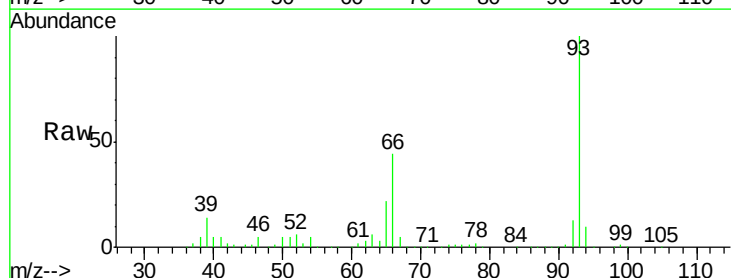
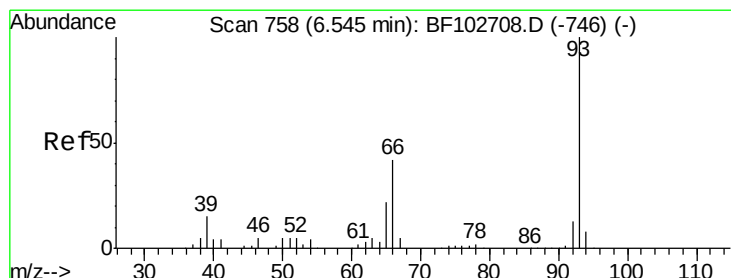
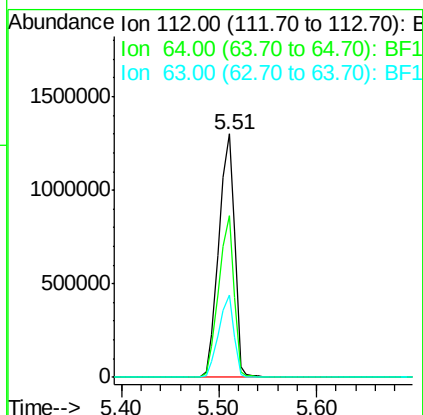
BNA_F

ClientSampleId :

RO-155MSD

Manual Integrations
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#6

Aniline

Concen: 31.740 ng

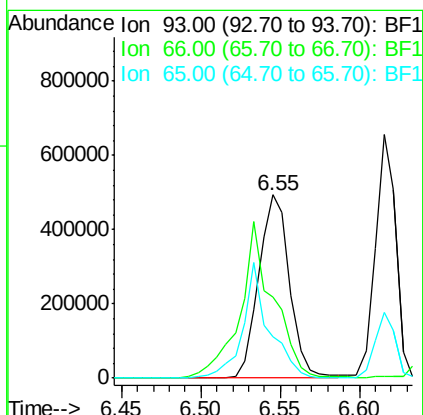
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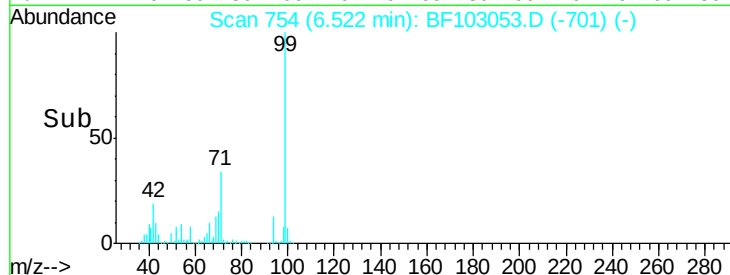
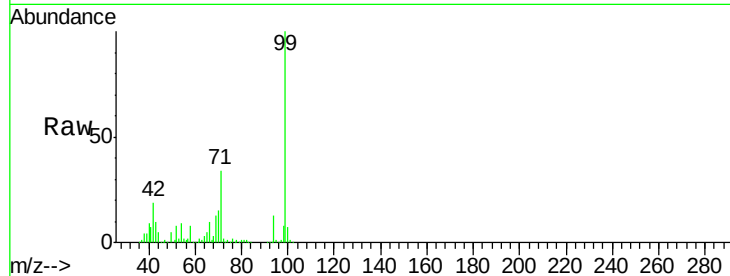
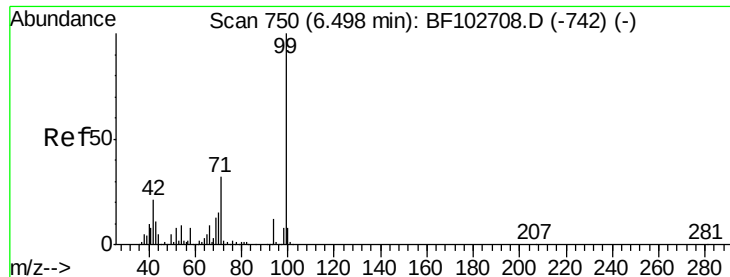
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	93	Resp:	669685
Ion	Ratio	Lower	Upper
93	100		
66	44.1	32.2	48.2
65	22.4	16.4	24.6





#7

Phenol-d6

Concen: 123.794 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	99	Resp:	1768699
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.7	25.4	38.0

Instrument :

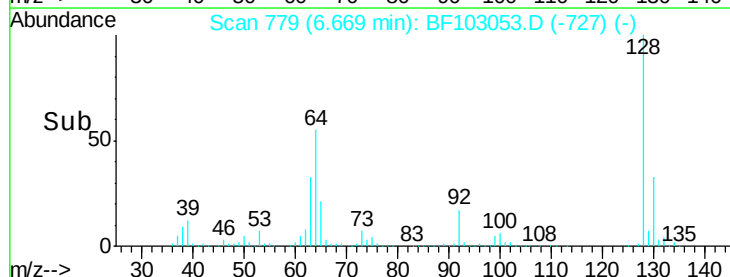
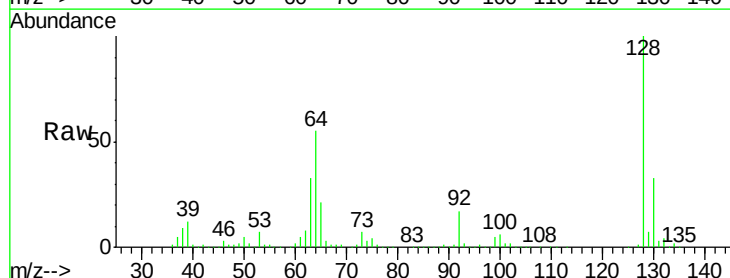
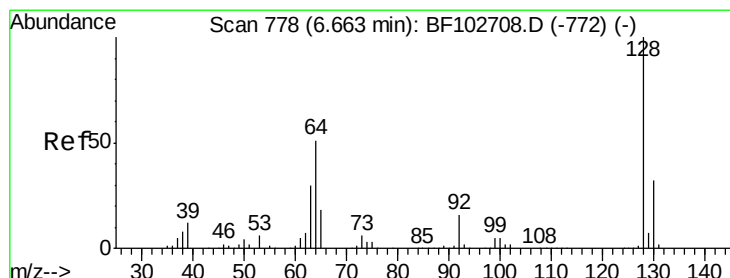
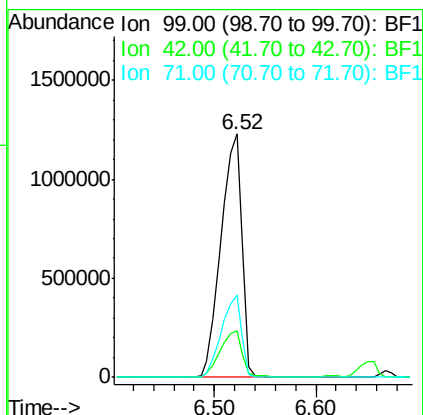
BNA_F

ClientSampleId :

RO-155MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.868 ng

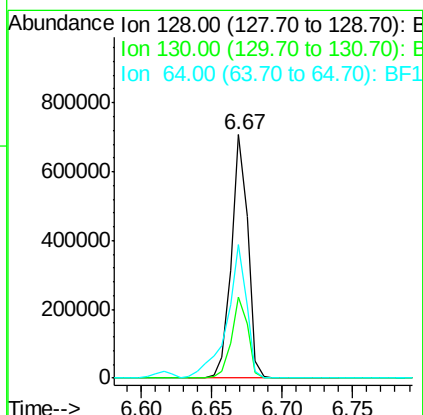
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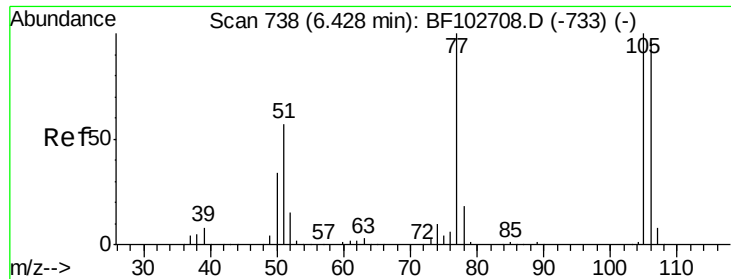
Delta R.T. 0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	128	Resp:	572548
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	54.7	29.4	69.4





#9

Benzaldehyde

Concen: 12.342 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

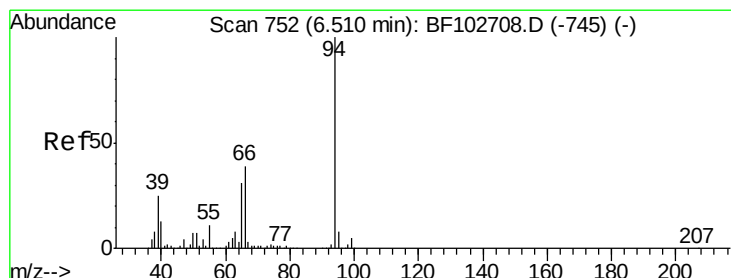
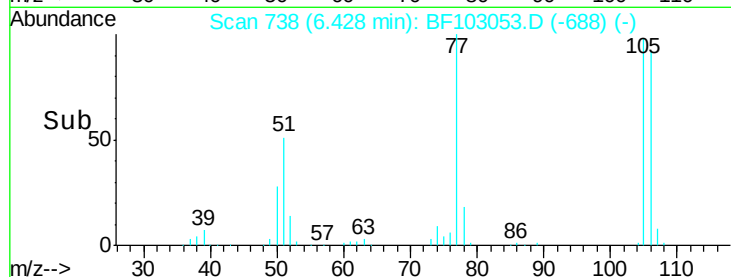
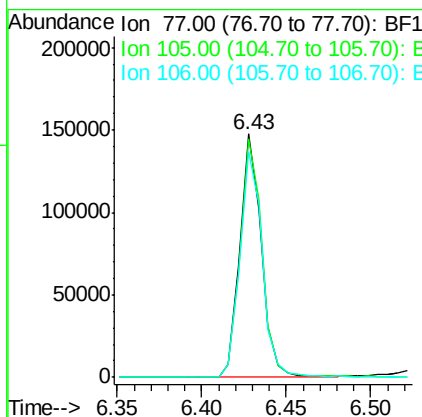
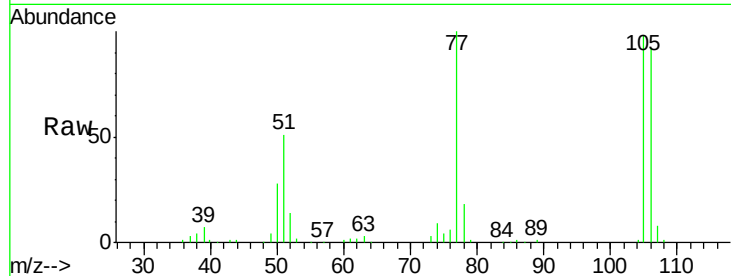
ClientSampleId :

RO-155MSD

Tgt Ion:	77	Resp:	130953
Ion	Ratio	Lower	Upper
77	100		
105	97.9	81.1	121.1
106	92.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.757 ng

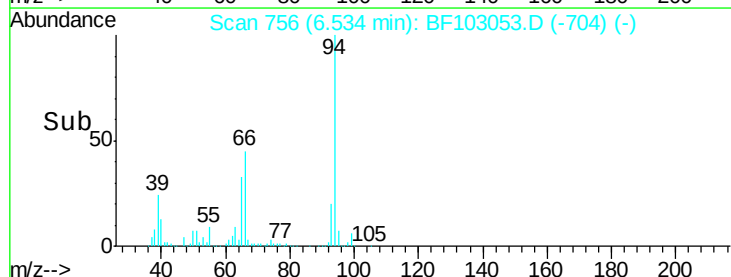
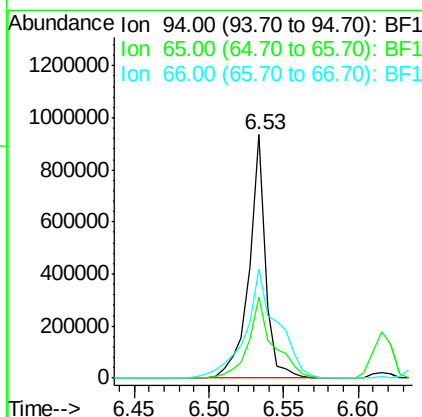
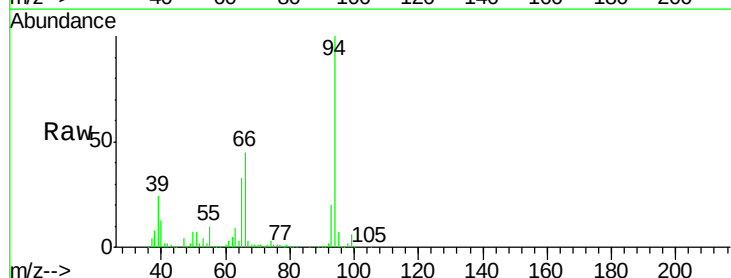
RT: 6.53 min Scan# 756

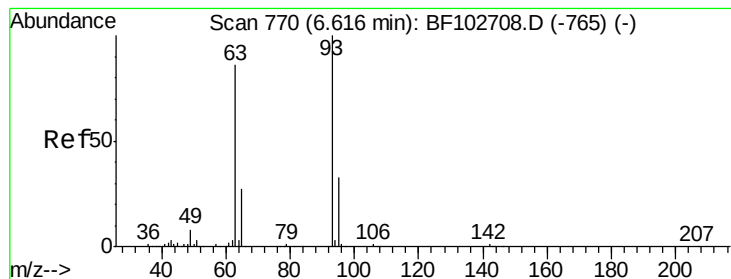
Delta R.T. 0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	94	Resp:	715926
Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	45.1	16.2	56.2





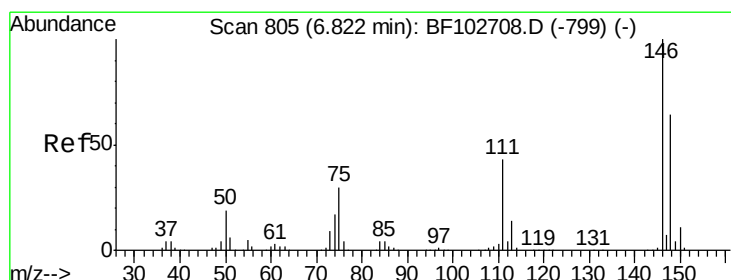
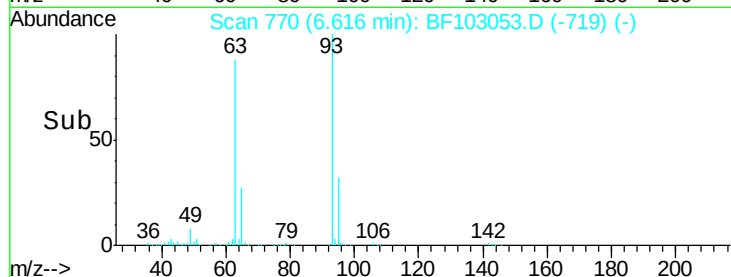
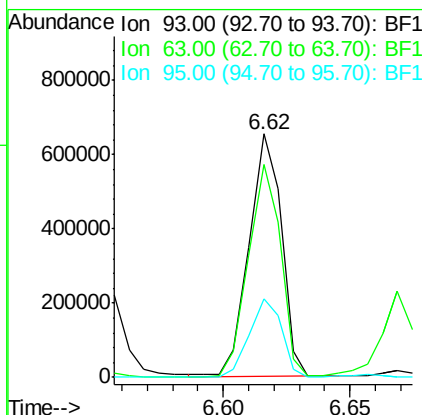
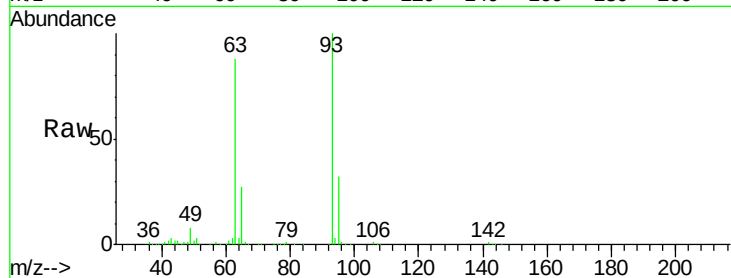
#11
bis(2-Chloroethyl)ether
Concen: 46.067 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	87.6	58.6	98.6
95	32.1	11.8	51.8

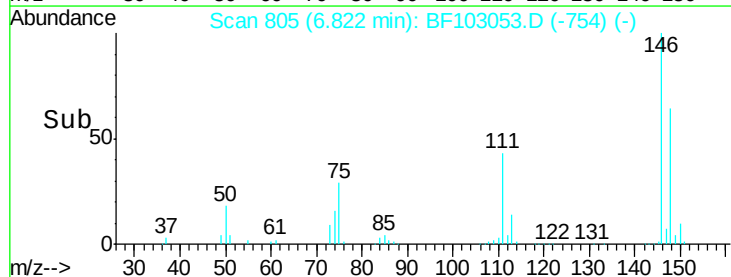
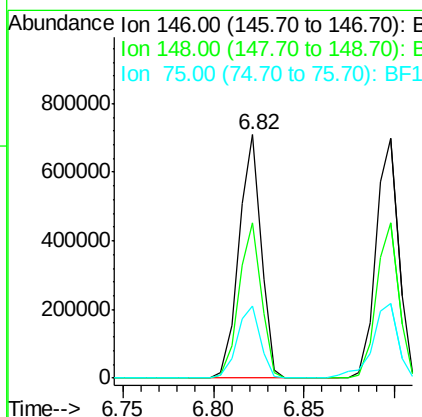
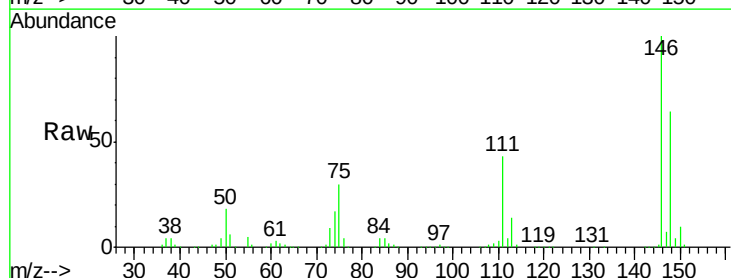
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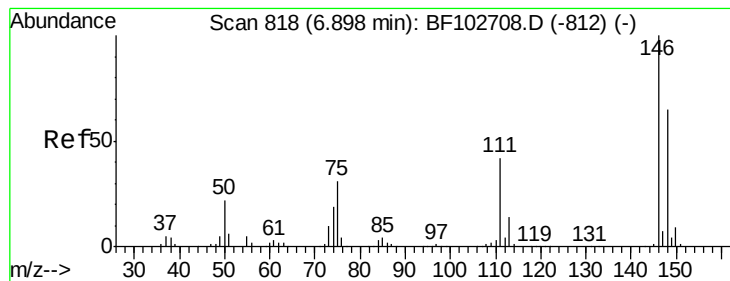
Sohil
2/27/2018 2:32:22 PM



#12
1,3-Dichlorobenzene
Concen: 42.672 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.6	51.8	77.8
75	29.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.039 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

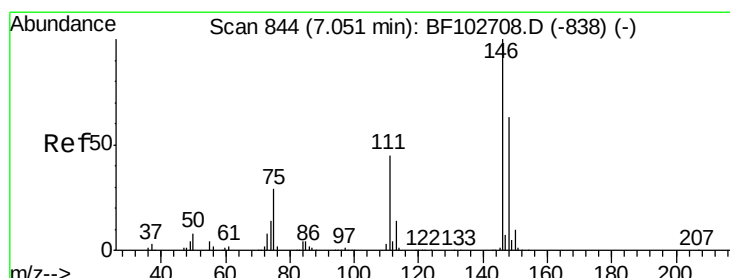
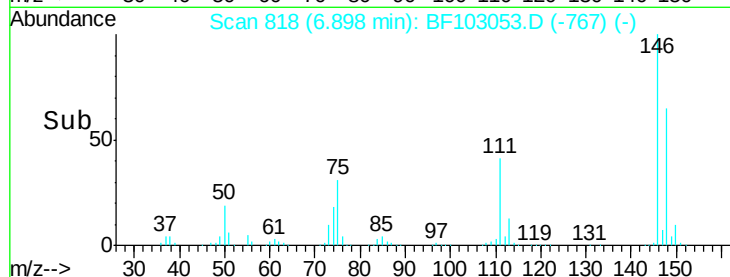
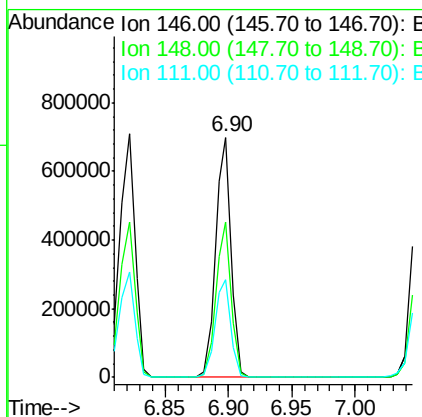
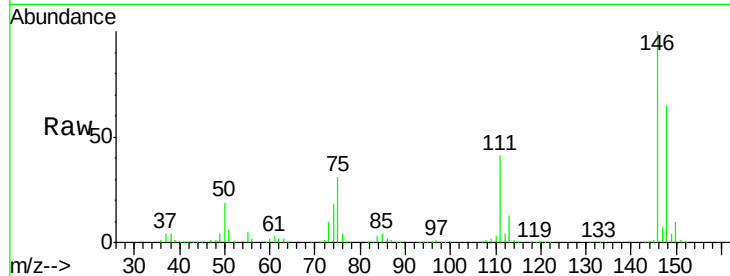
ClientSampled :

RO-155MSD

Tgt Ion:	146	Resp:	606501
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.8	76.2
111	40.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.892 ng

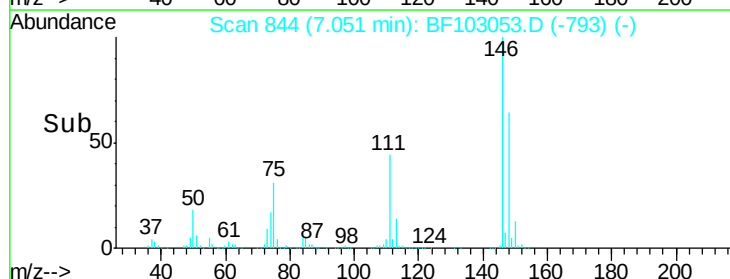
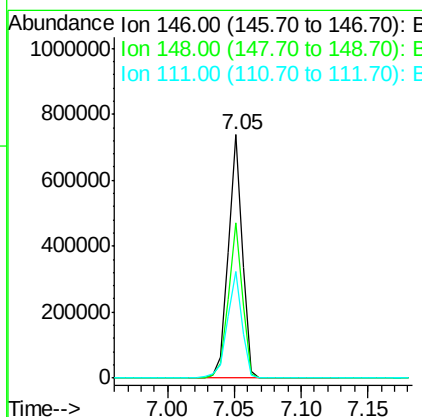
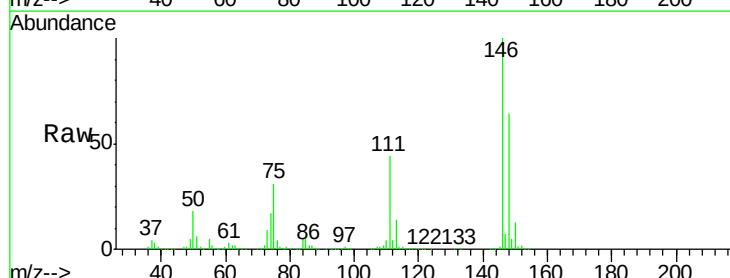
RT: 7.05 min Scan# 844

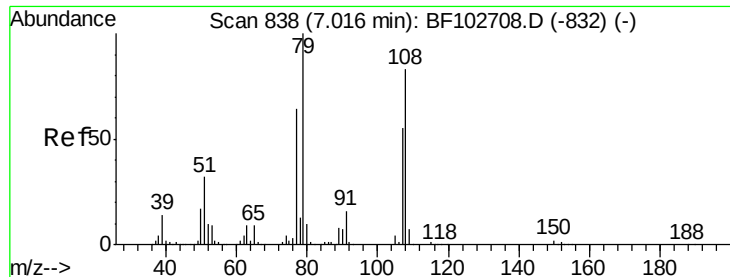
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	146	Resp:	549846
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	43.8	36.0	54.0





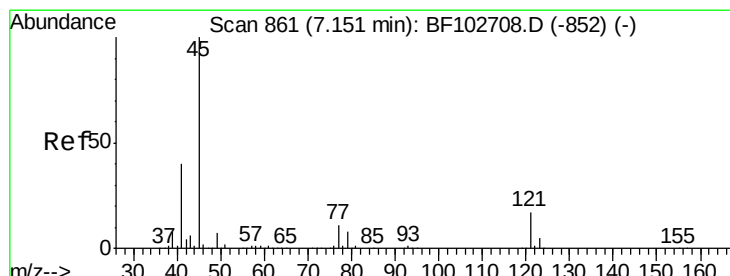
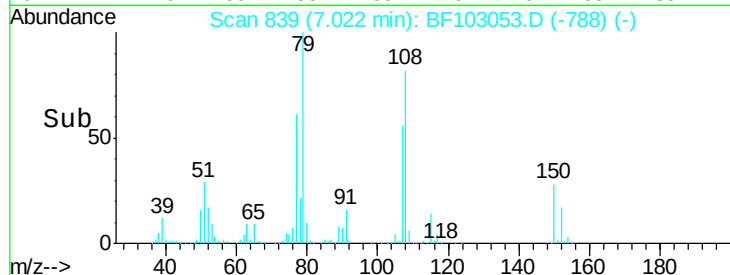
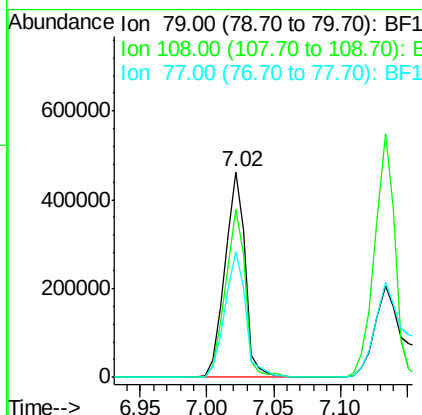
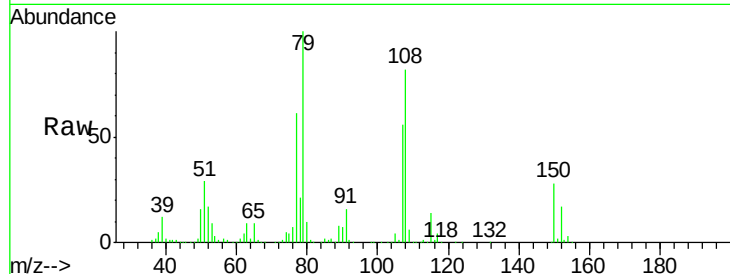
#15
Benzyl Alcohol
Concen: 45.348 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.1	97.7
77	61.0	50.6	75.8

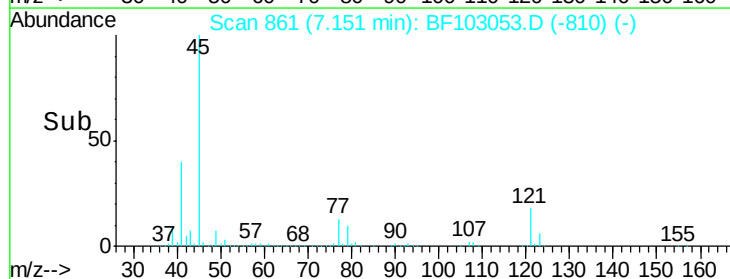
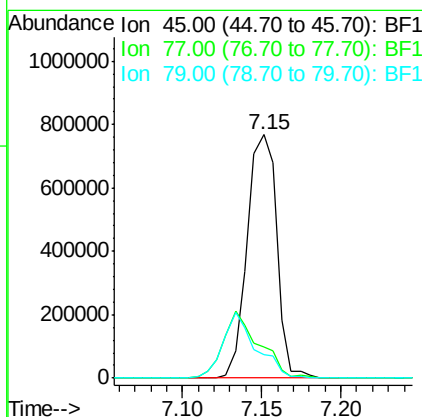
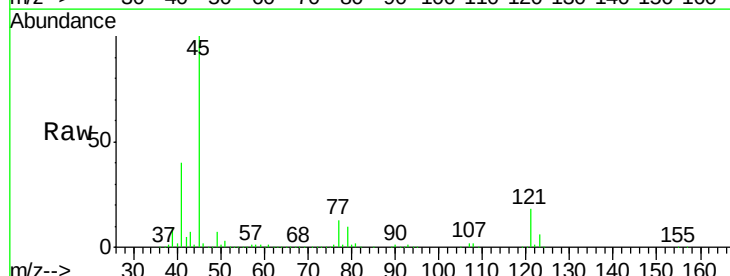
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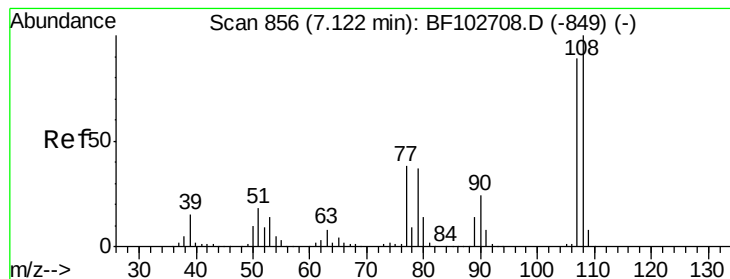
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.217 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.9
79	9.9	0.0	29.6





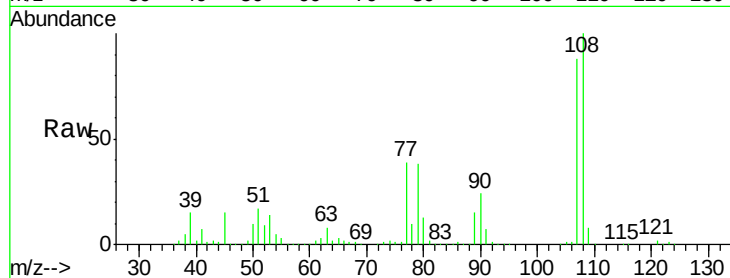
#17
2-Methylphenol
Concen: 44.564 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

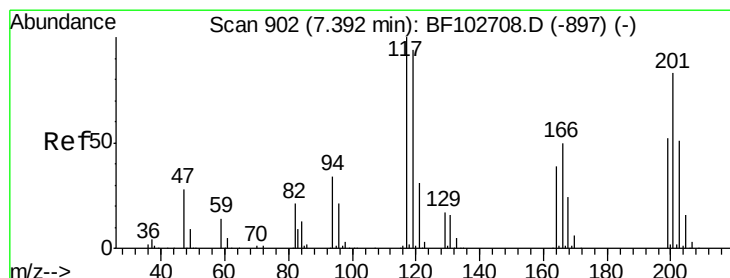
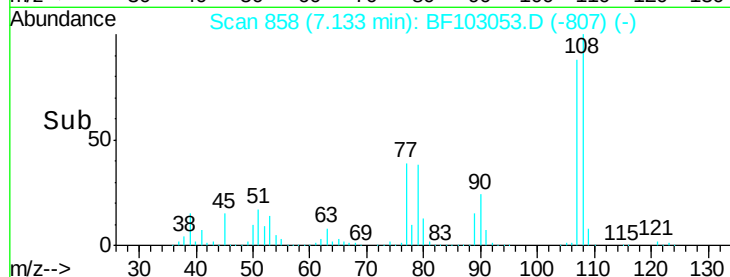
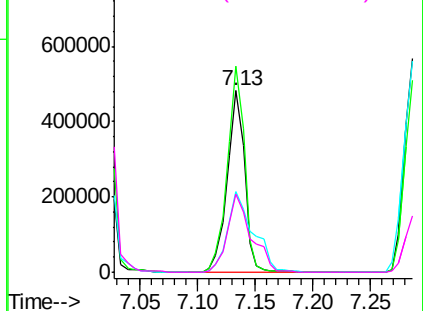
Tgt Ion:	107	Resp:	502153
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.7	137.5
77	44.3	33.8	50.8
79	42.9	33.8	50.8

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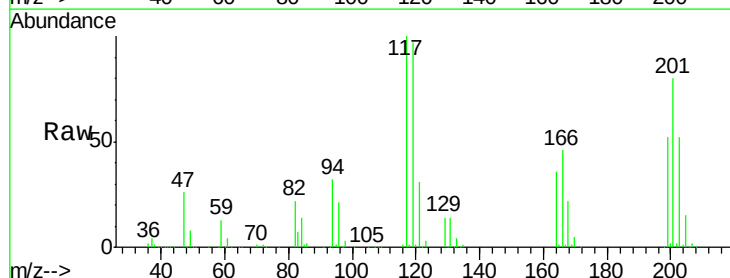


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

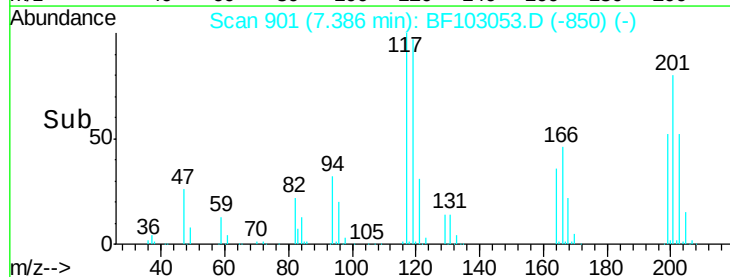
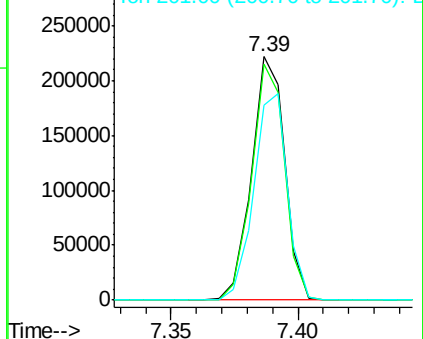


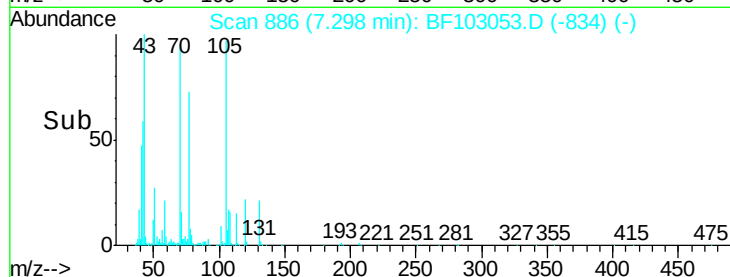
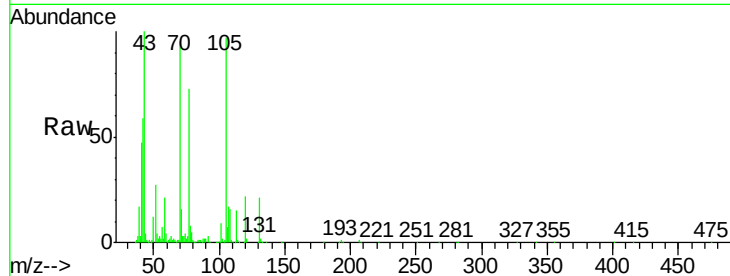
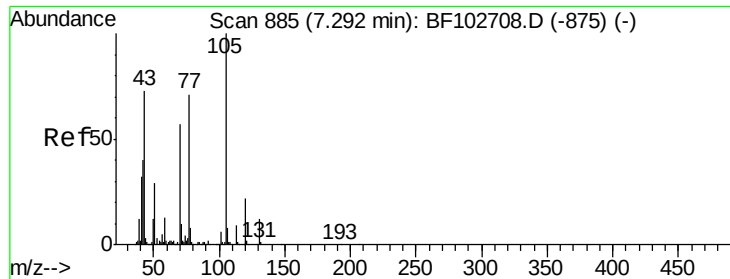
#18
Hexachloroethane
Concen: 41.816 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion:	117	Resp:	202067
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	80.1	75.7	113.5



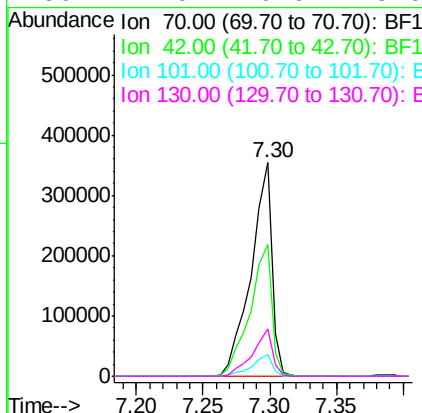
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.361 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

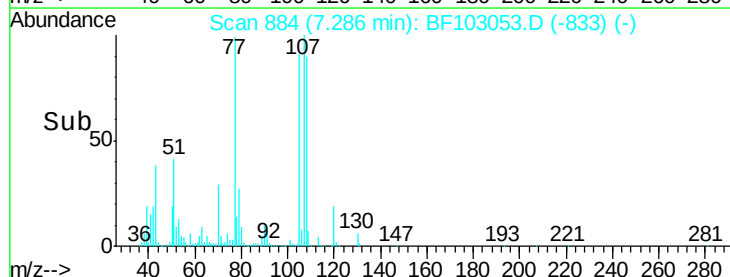
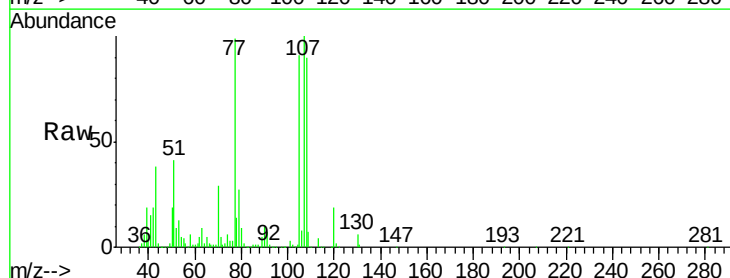
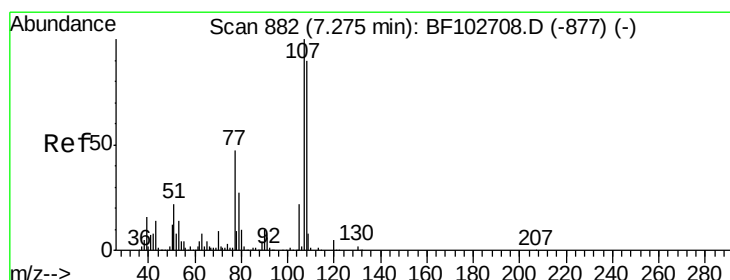
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	380198		
42	62.0	47.5	71.3	
101	10.0	7.4	11.2	
130	22.0	16.6	25.0	



Instrument :
BNA_F
ClientSampled :
RO-155MSD

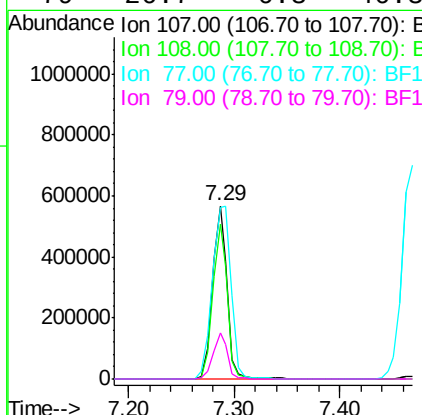
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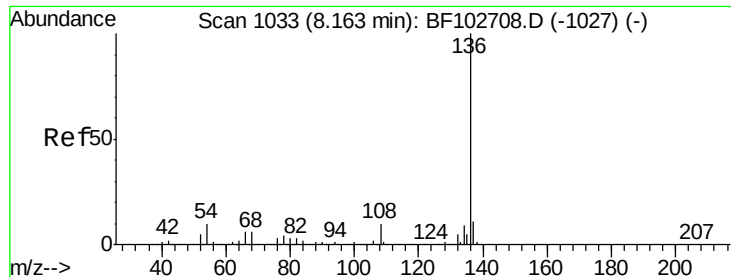
Sohil
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#20
3+4-Methylphenols
Concen: 39.872 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	554058		
108	89.6	68.2	108.2	
77	98.8	26.7	66.7#	
79	26.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

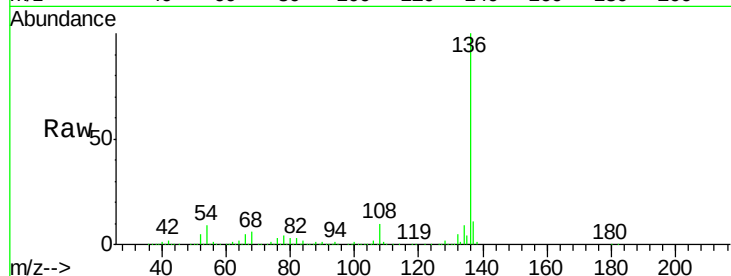
ClientSampleId :

RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	727445		
137	11.0	8.9	13.3	
54	9.5	6.6	9.8	
68	6.5	5.0	7.4	

Manual Integrations
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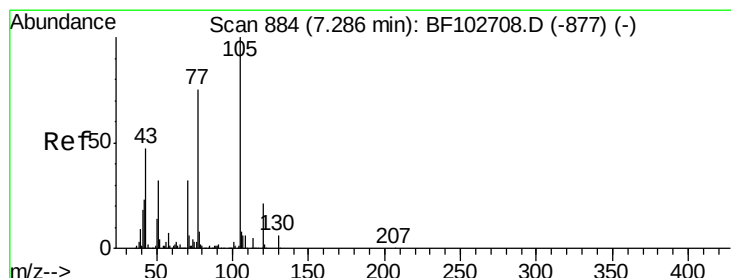
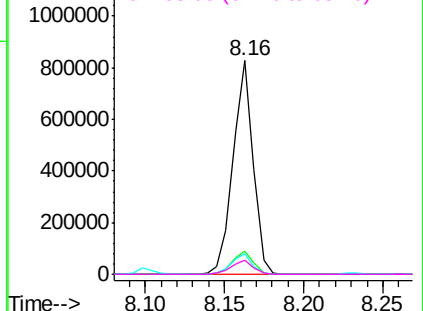
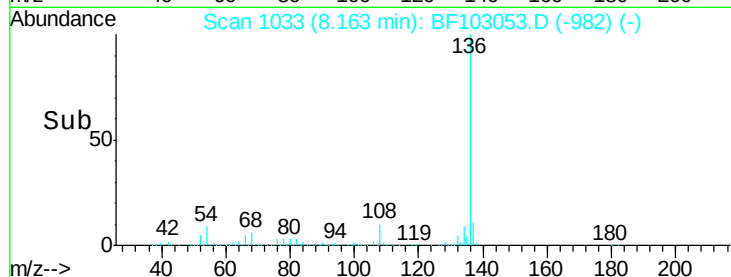
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.575 ng

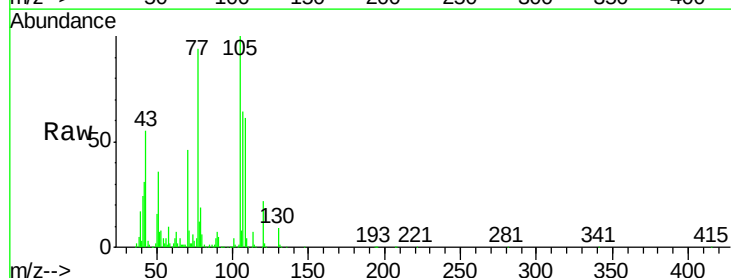
RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740092		
71	7.6	4.4	6.6#	
51	36.1	22.3	33.5#	
120	21.8	16.9	25.3	



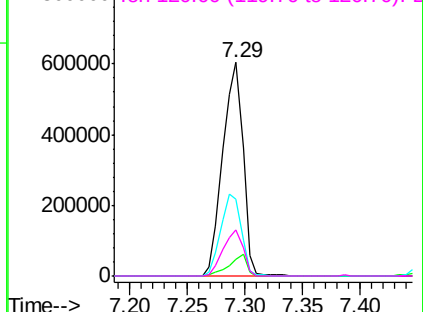
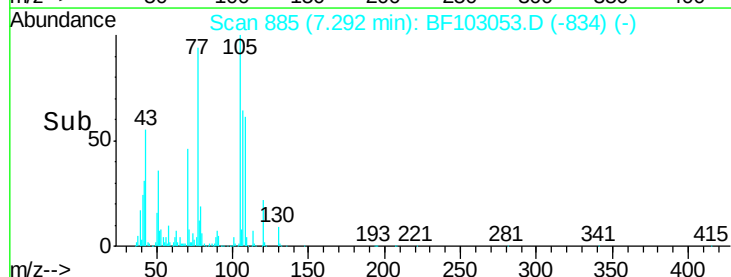
Abundance

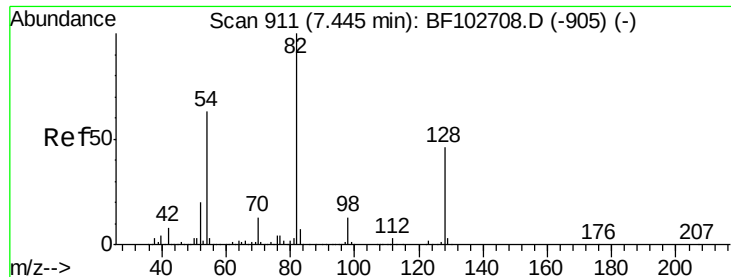
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





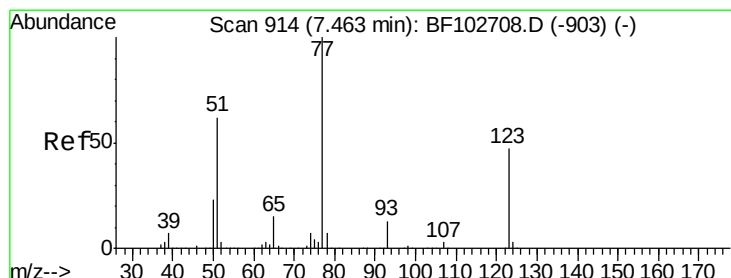
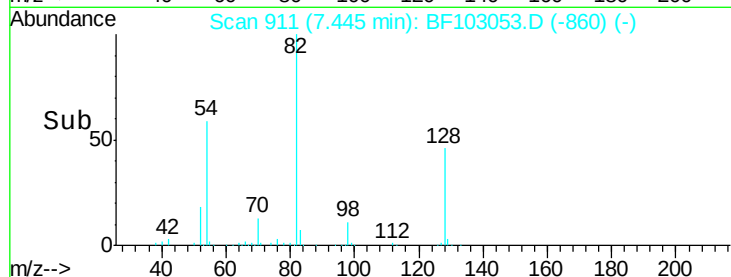
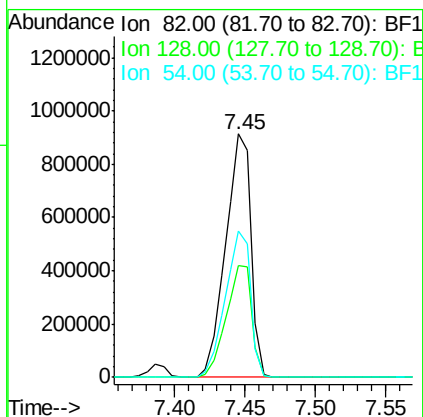
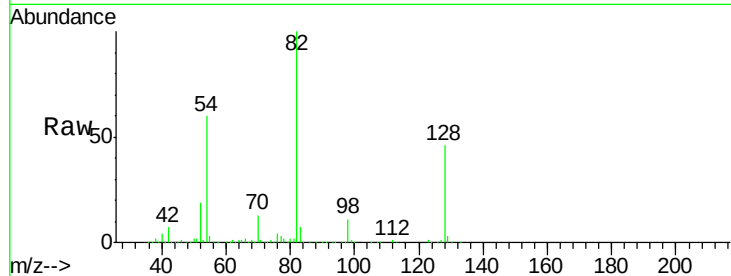
#23
Nitrobenzene-d5
Concen: 108.560 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion: 82 Resp: 1138396
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 59.9 41.4 62.2

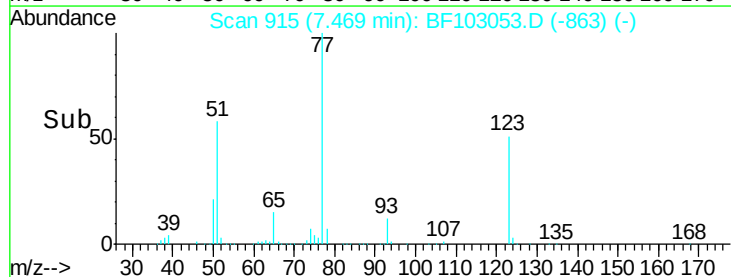
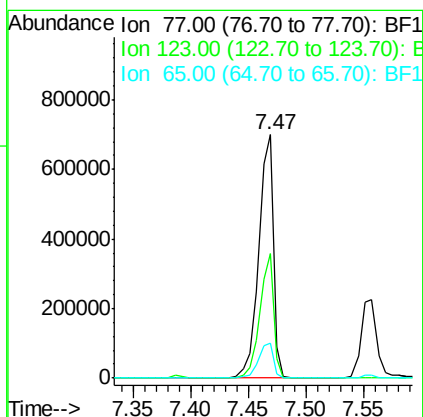
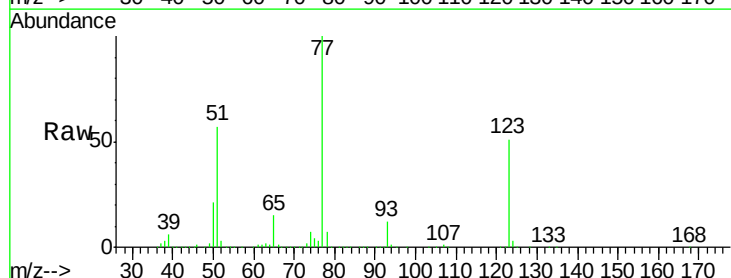
Manual Integrations
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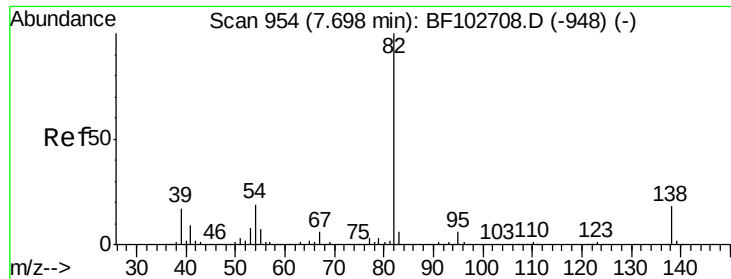
Sohil
2/27/2018 2:32:22 PM



#24
Nitrobenzene
Concen: 50.582 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion: 77 Resp: 623814
Ion Ratio Lower Upper
77 100
123 51.2 37.9 56.9
65 14.5 11.0 16.4





#25

Isophorone

Concen: 47.578 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

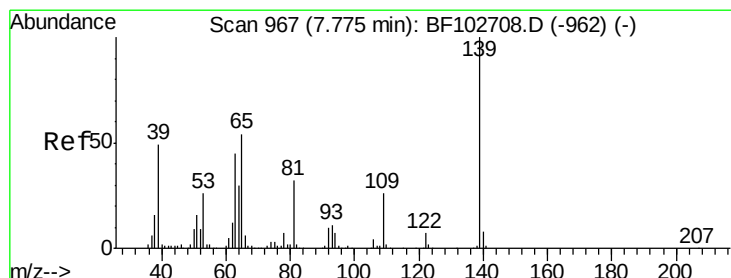
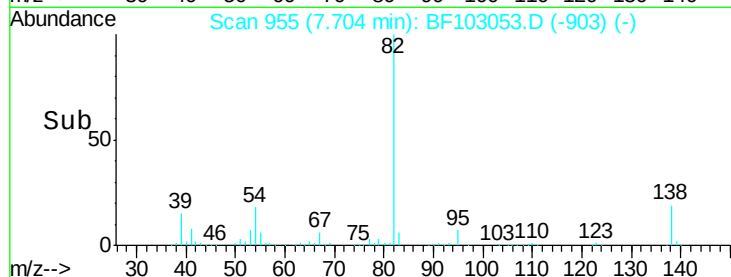
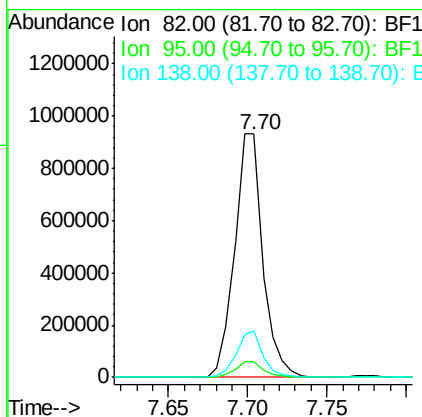
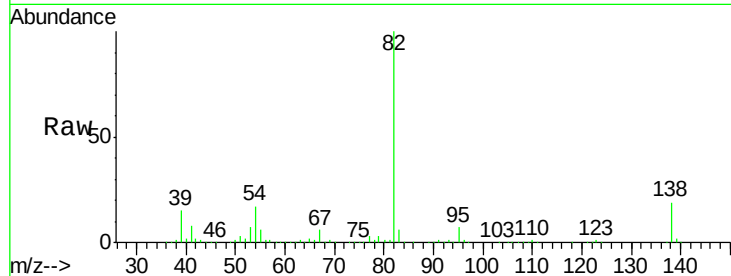
ClientSampleId :

RO-155MSD

Tgt Ion:	82	Resp:	1148842
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.768 ng

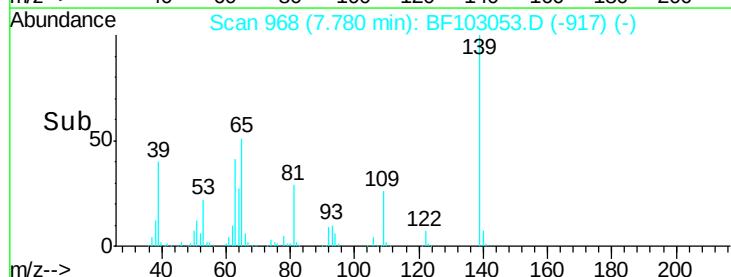
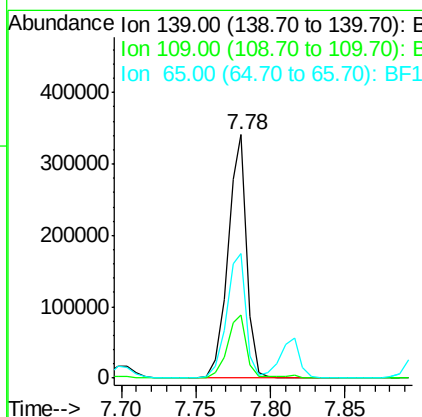
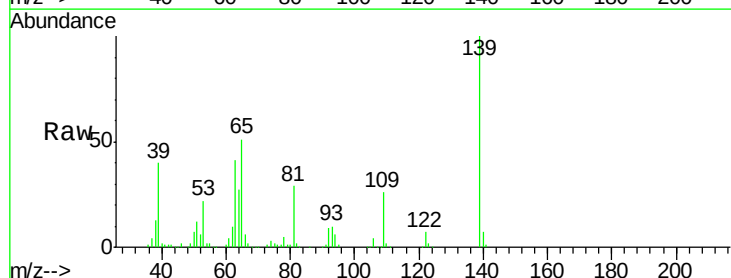
RT: 7.78 min Scan# 968

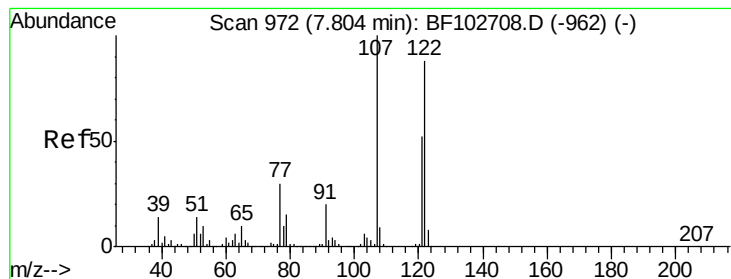
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	139	Resp:	303650
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	50.9	40.5	60.7





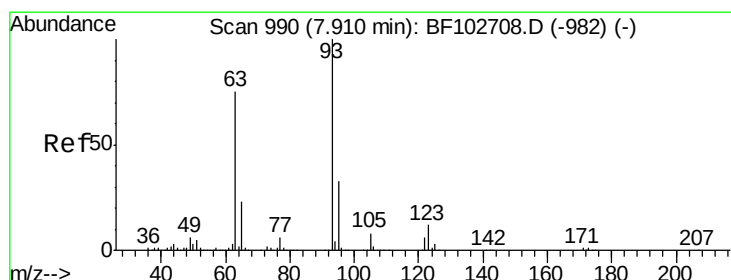
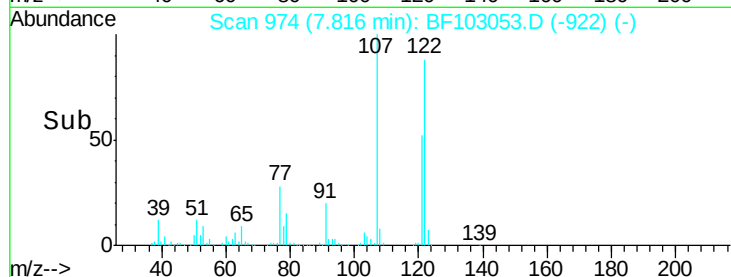
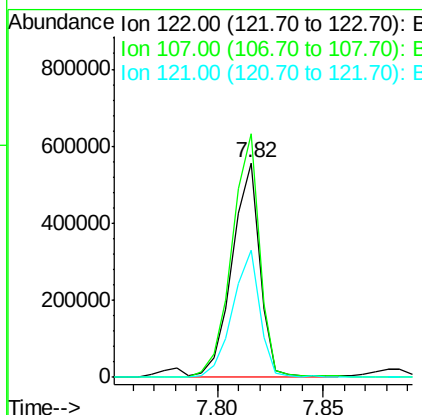
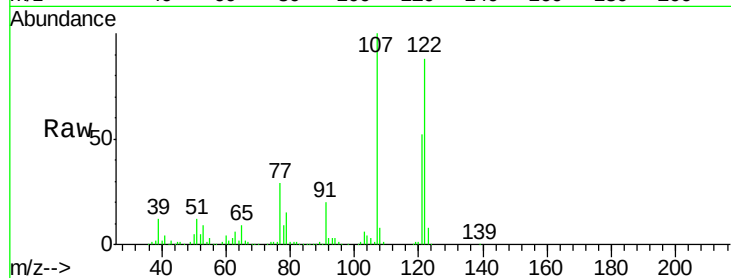
#27
 2,4-Dimethylphenol
 Concen: 49.675 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	506754		
107	113.6	91.2	136.8	
121	59.6	47.2	70.8	

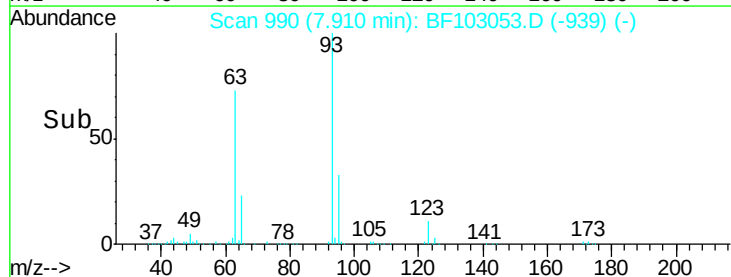
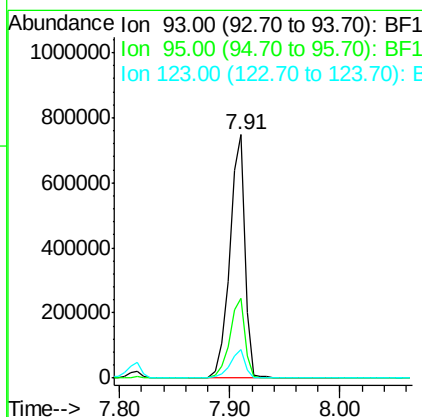
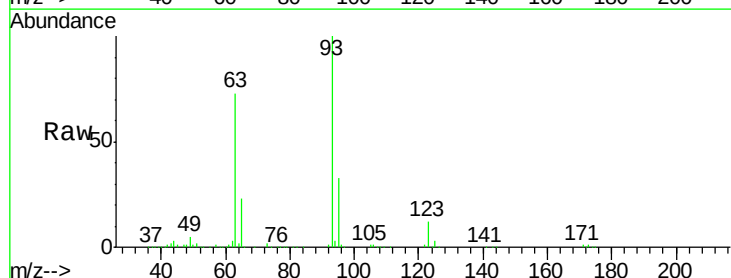
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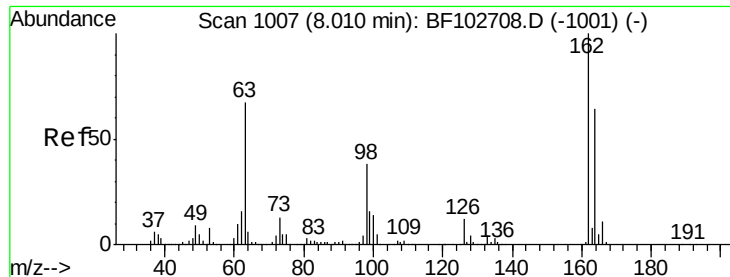
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.501 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	722378		
95	32.9	26.3	39.5	
123	11.6	9.8	14.6	





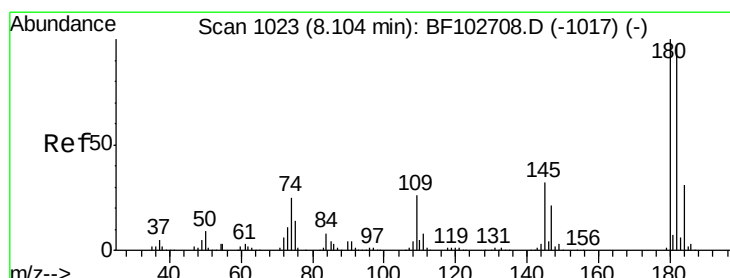
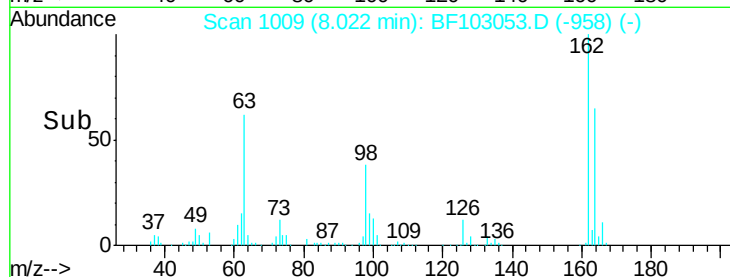
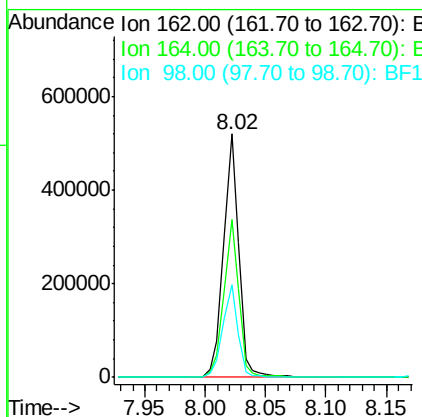
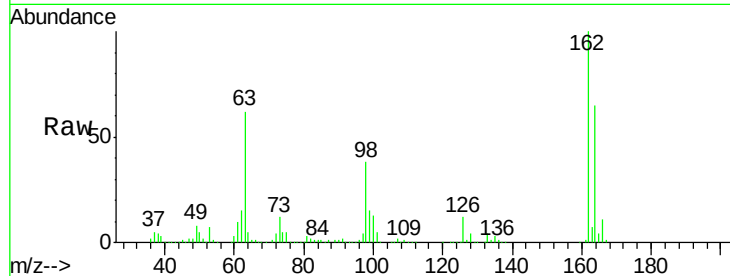
#29
 2,4-Dichlorophenol
 Concen: 49.496 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion:	162	Resp:	459008
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	38.0	18.1	58.1

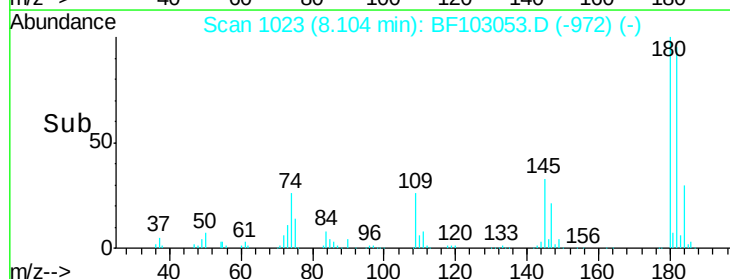
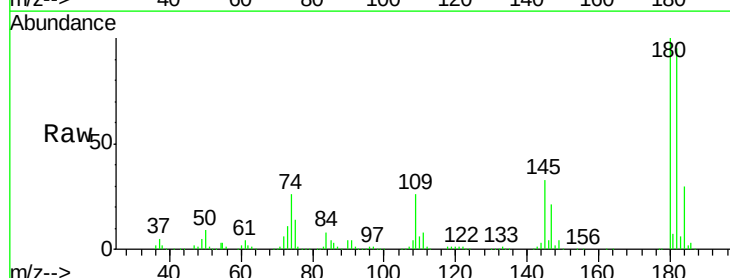
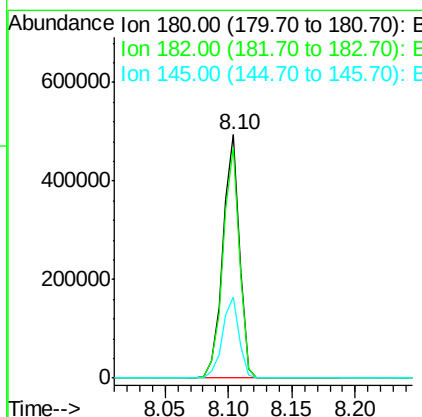
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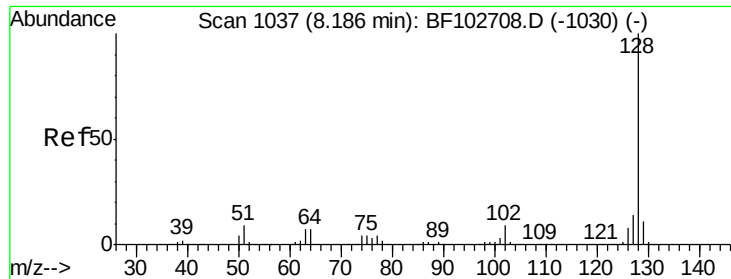
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.160 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion:	180	Resp:	452794
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.8	115.2
145	33.2	26.5	39.7





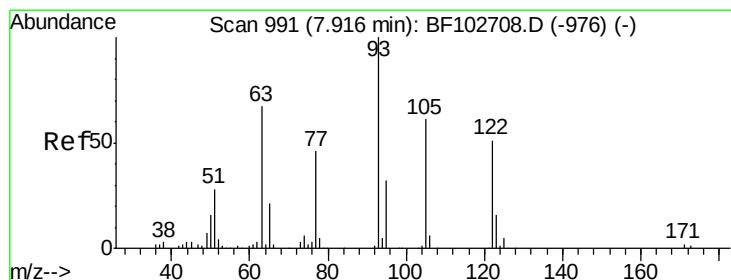
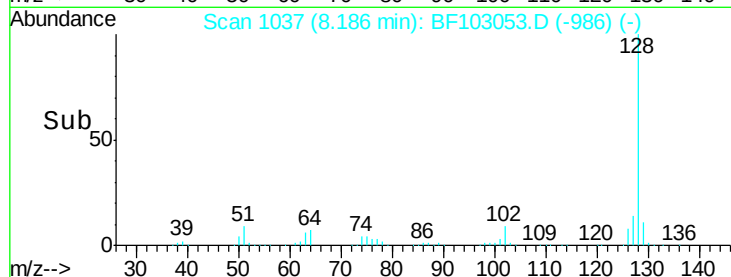
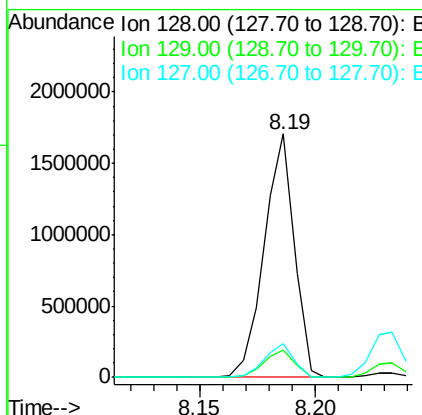
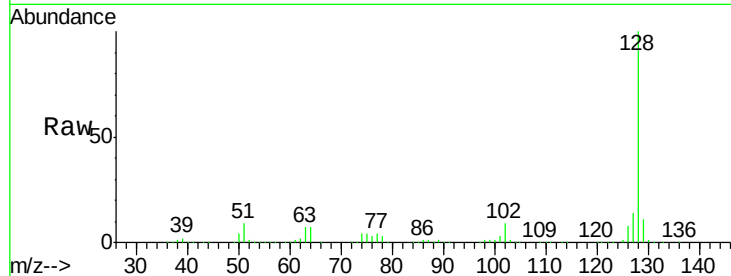
#31
Naphthalene
Concen: 43.640 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion:128 Resp: 1551015
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3

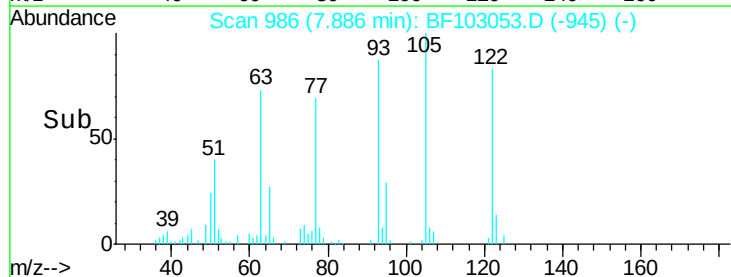
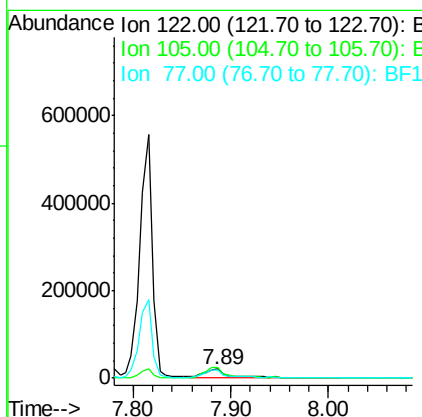
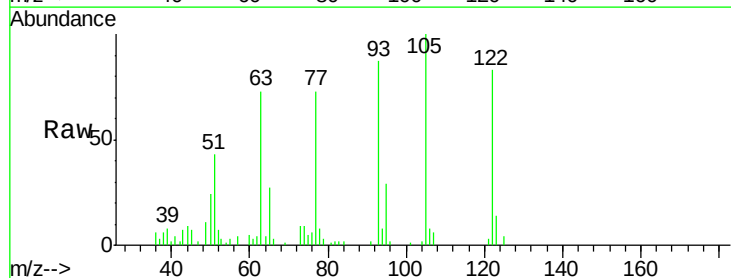
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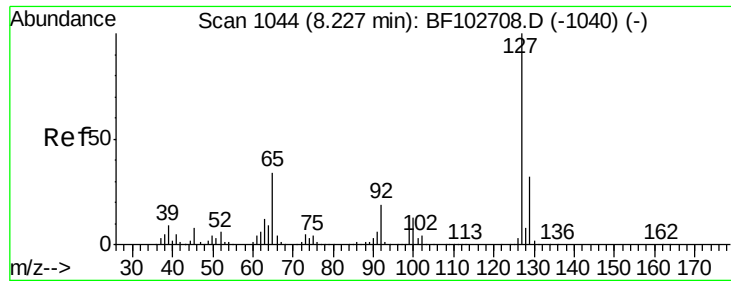
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#32
Benzoic acid
Concen: 13.621 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion:122 Resp: 38619
Ion Ratio Lower Upper
122 100
105 120.3 101.1 141.1
77 87.8 70.7 110.7





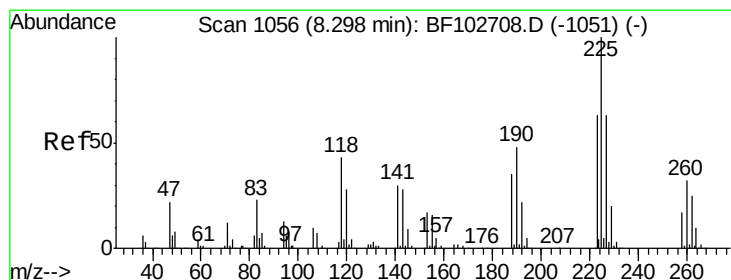
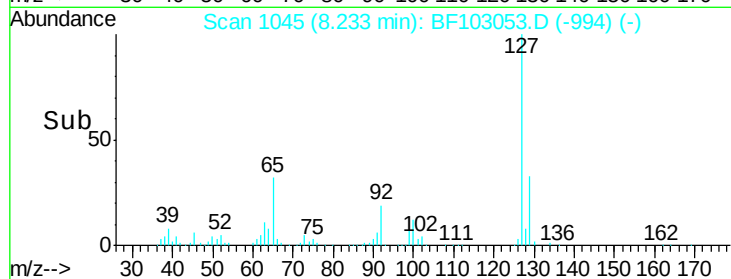
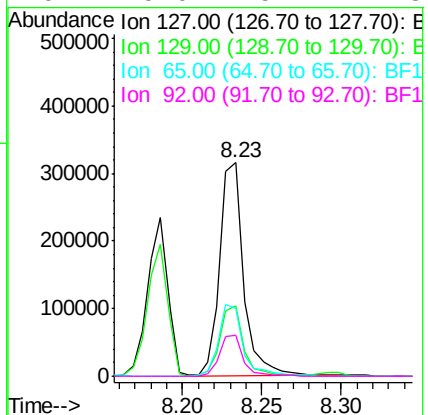
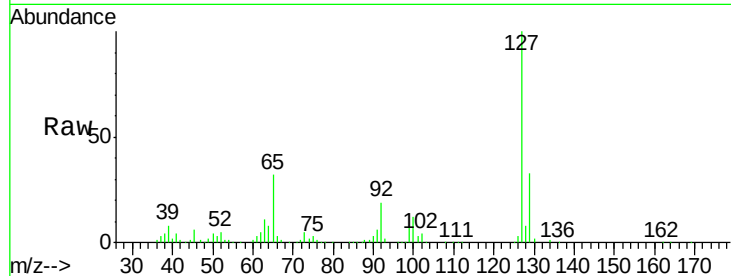
#33
4-Chloroaniline
Concen: 21.641 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	25.9	38.9
65	31.8	25.0	37.4
92	19.0	15.2	22.8

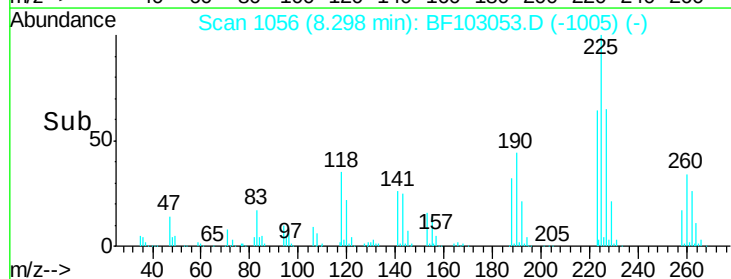
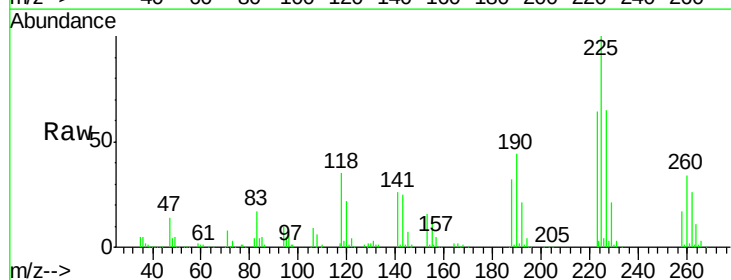
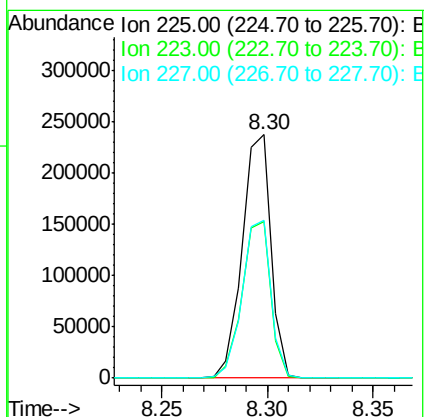
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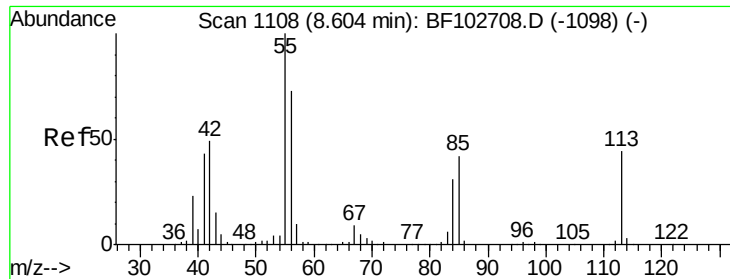
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#34
Hexachlorobutadiene
Concen: 41.650 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.3	50.6	76.0
227	64.7	51.9	77.9





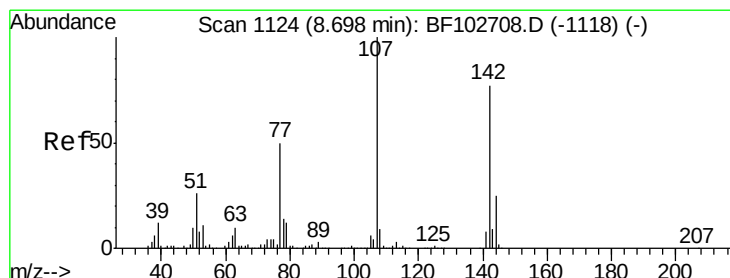
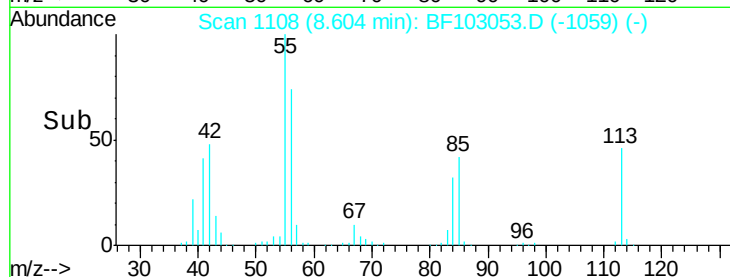
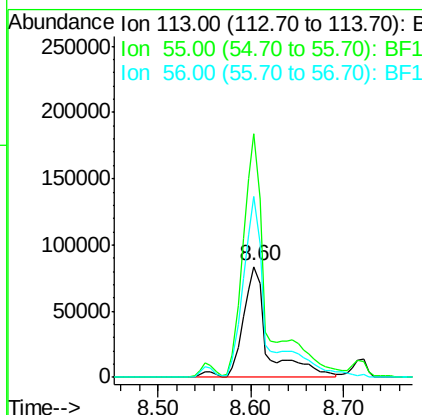
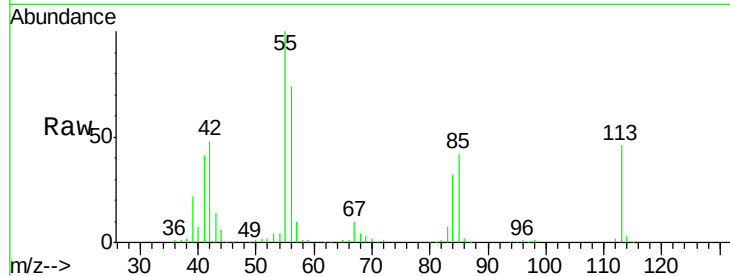
#35
 Caprolactam
 Concen: 48.294 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.6	163.3	203.3#
56	162.8	115.7	155.7#

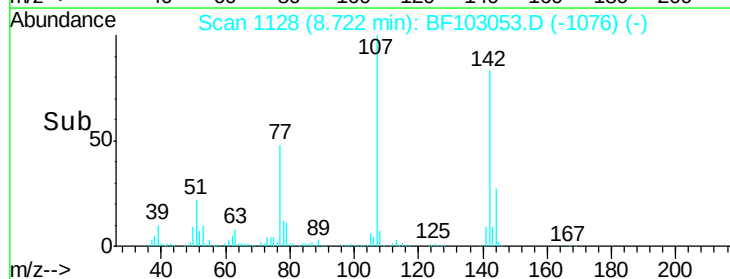
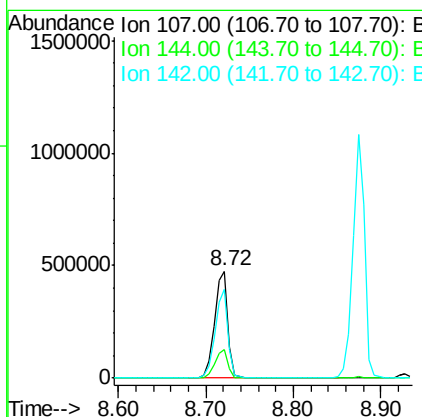
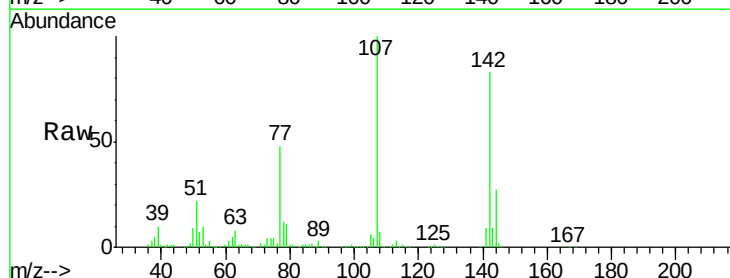
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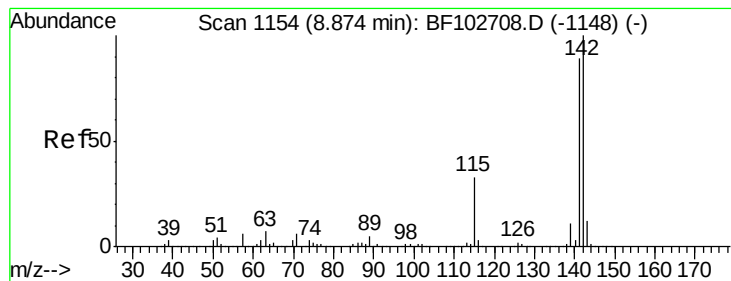
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#36
 4-Chloro-3-methylphenol
 Concen: 47.668 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

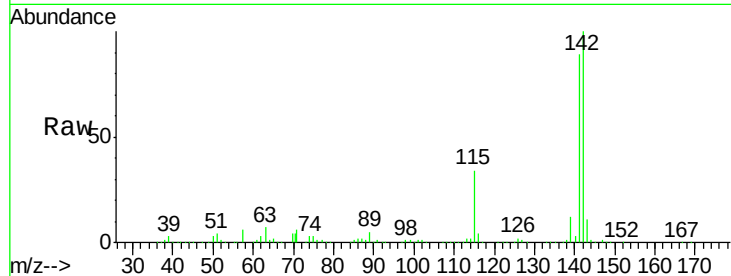
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	82.9	62.0	93.0





#37
2-Methylnaphthalene
Concen: 42.993 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

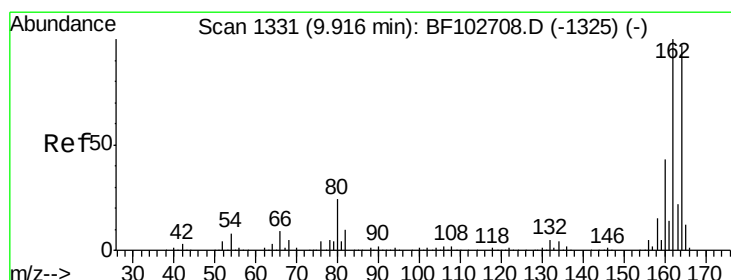
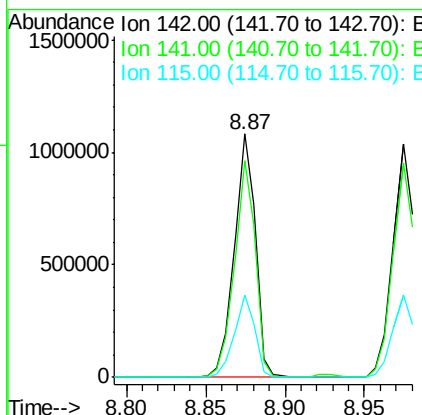
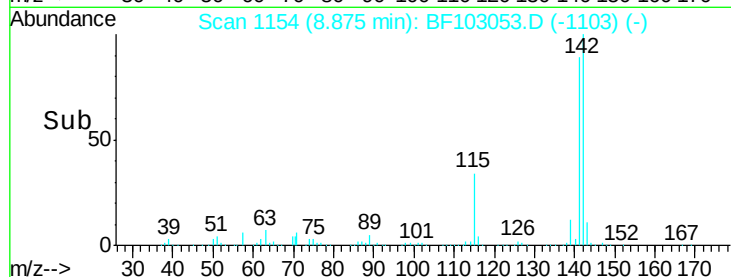
Instrument :
BNA_F
ClientSampleId :
RO-155MSD



Tgt Ion:142 Resp: 1000428
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 33.8 26.1 39.1

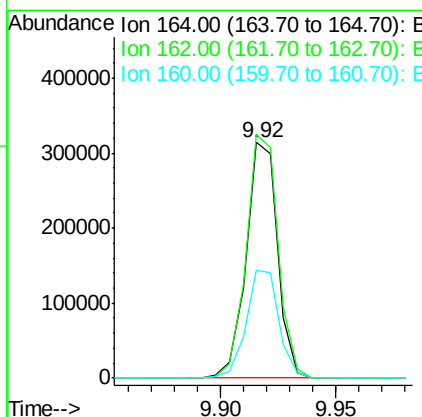
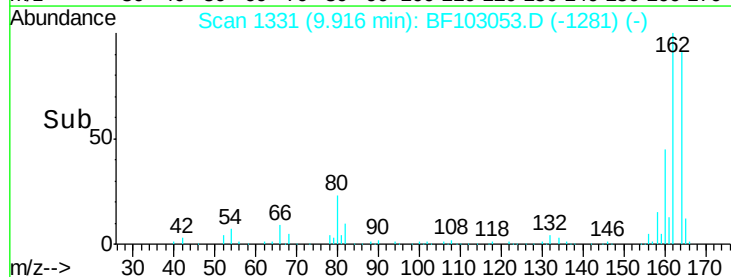
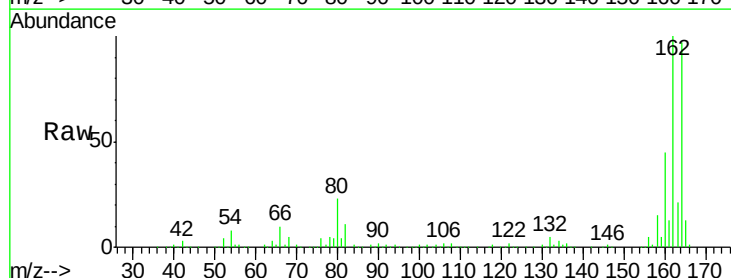
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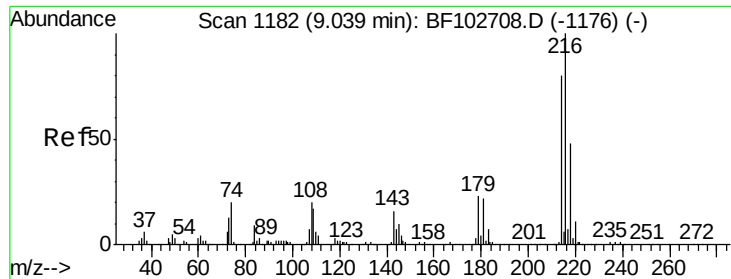
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion:164 Resp: 298555
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.0 38.3 57.5





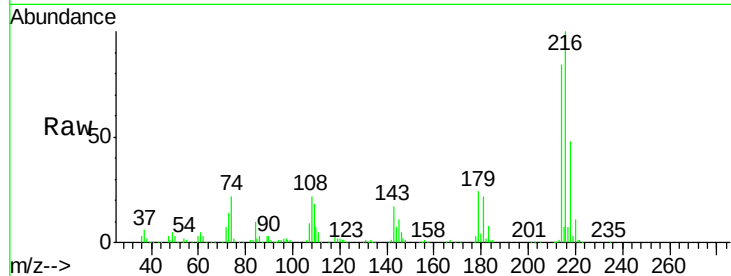
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.335 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

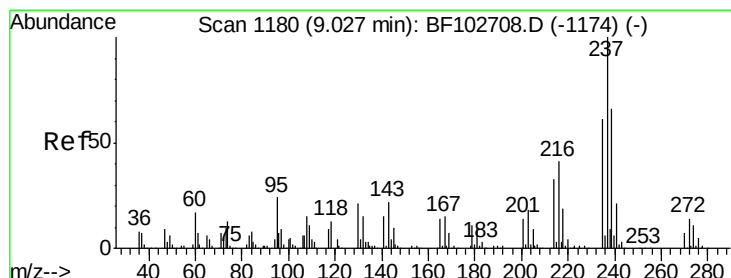
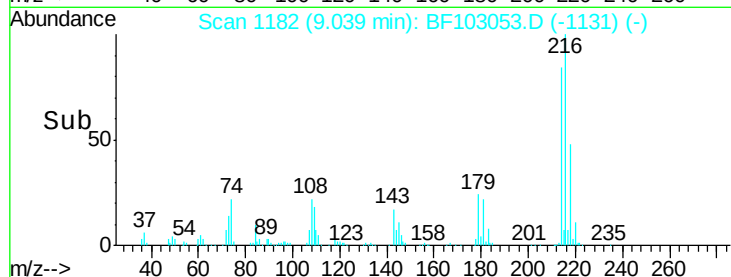
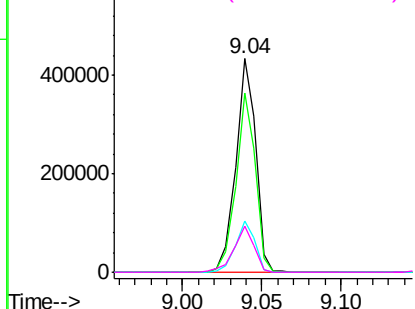
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	376663		
214	81.9	63.0	94.4	
179	23.4	18.1	27.1	
108	22.2	17.2	25.8	

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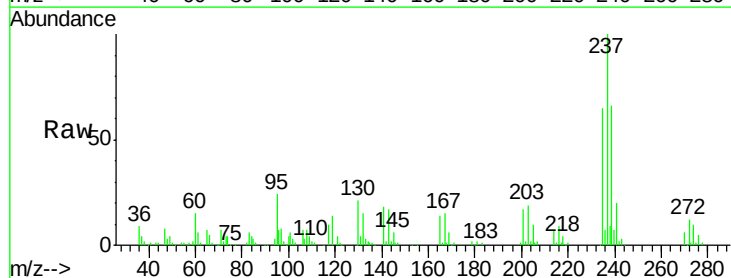


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

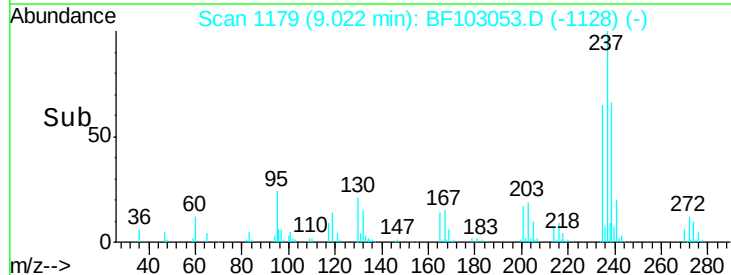
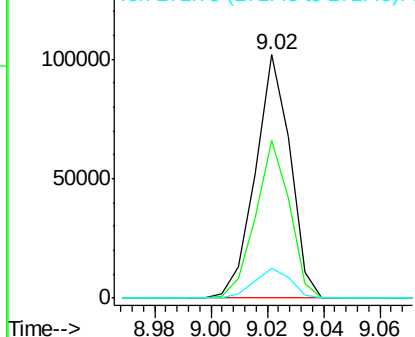


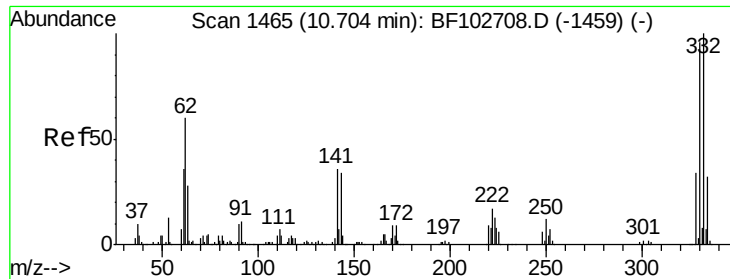
#40
 Hexachlorocyclopentadiene
 Concen: 22.512 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	86995		
235	65.0	44.8	84.8	
272	12.3	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 123.001 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

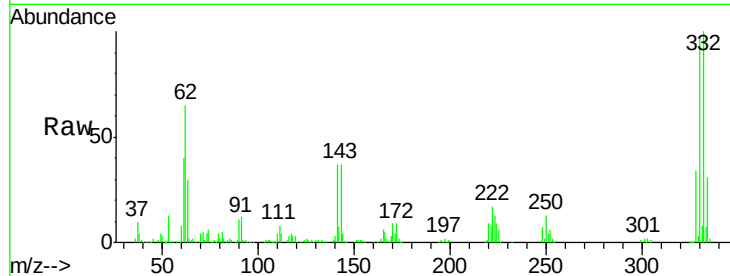
ClientSampleId :

RO-155MSD

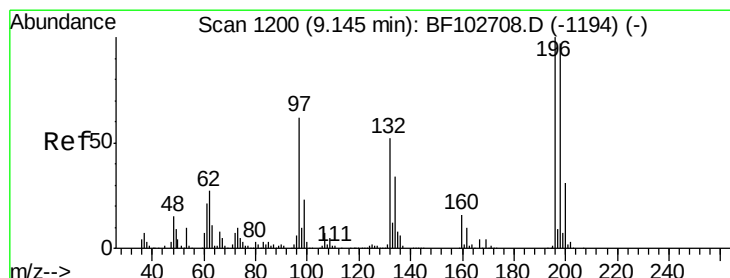
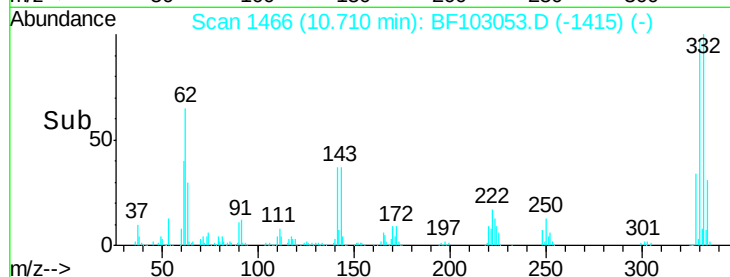
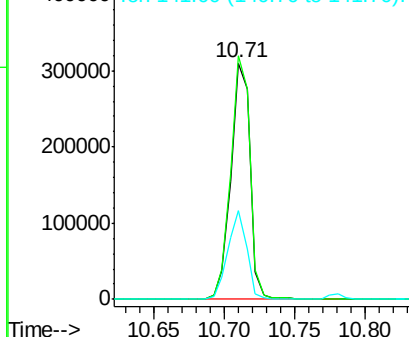
Tgt Ion:	330	Resp:	295574
Ion Ratio	Lower	Upper	
330	100		
332	103.3	77.0	115.6
141	37.0	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 51.957 ng

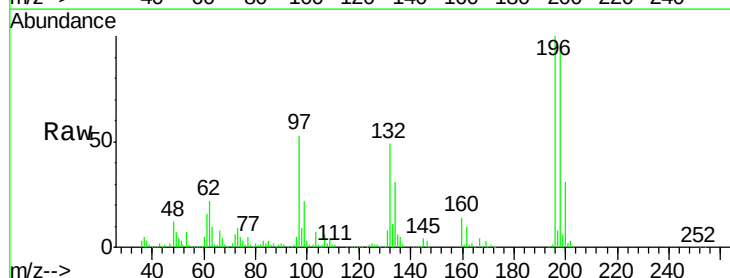
RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

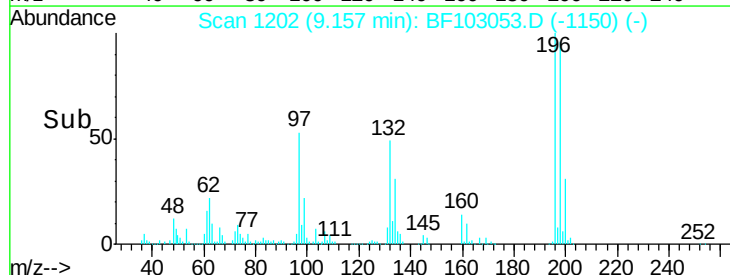
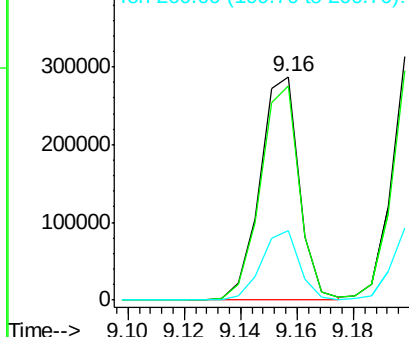
Lab File: BF103053.D

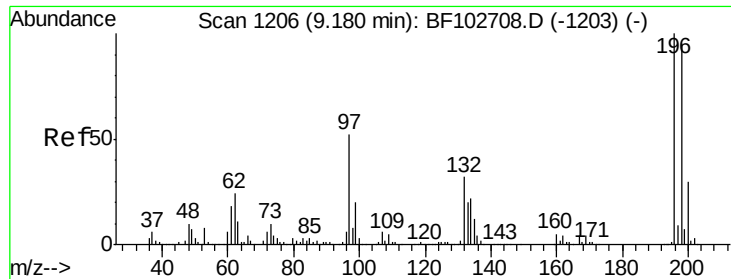
Acq: 16 Feb 2018 15:40

Tgt Ion:	196	Resp:	277421
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	31.3	24.5	36.7



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





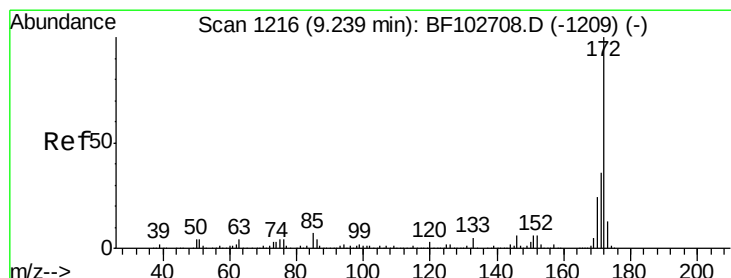
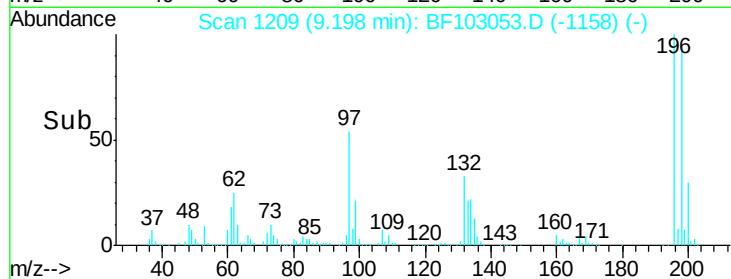
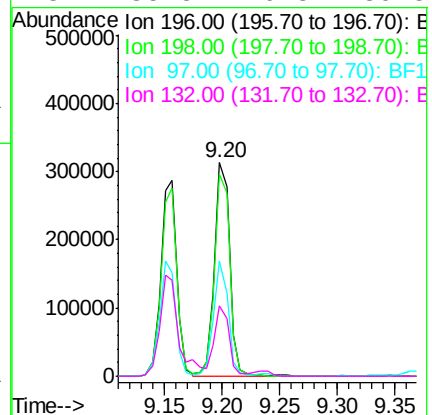
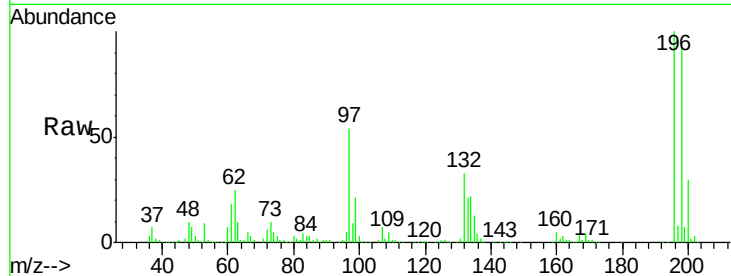
#43
 2,4,5-Trichlorophenol
 Concen: 48.018 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion:	196	Resp:	288973
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	53.9	42.9	64.3
132	33.3	26.3	39.5

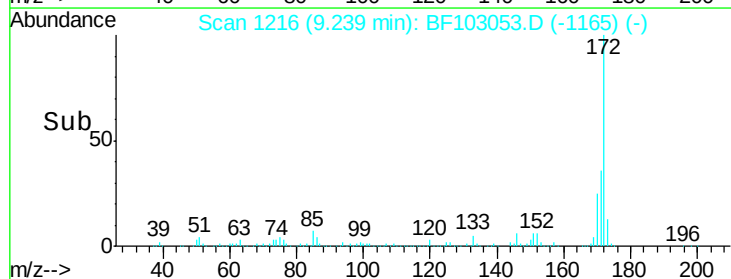
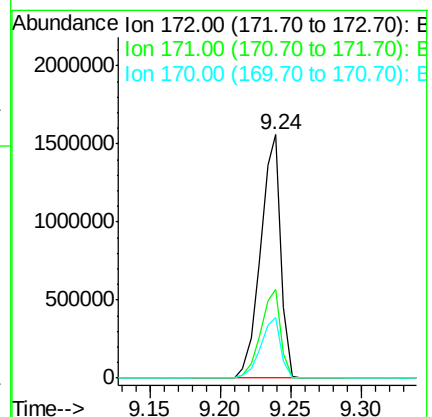
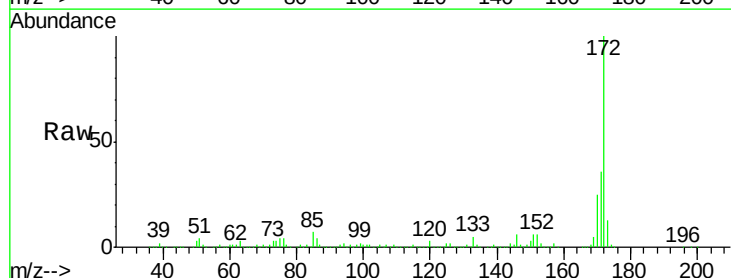
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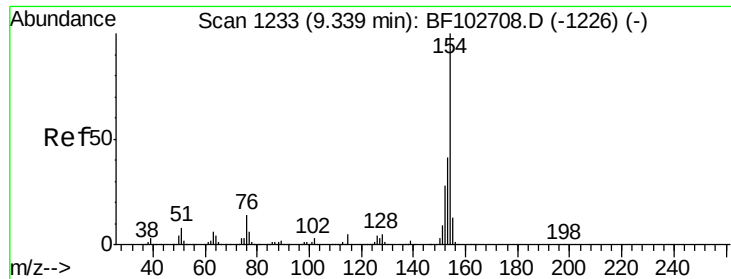
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 87.244 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion:	172	Resp:	1569715
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	25.0	19.6	29.4





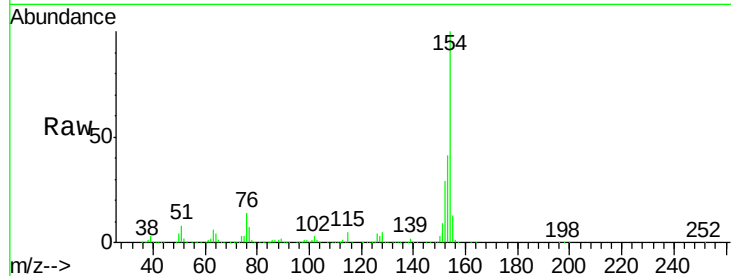
#45
1,1'-Biphenyl
Concen: 44.096 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

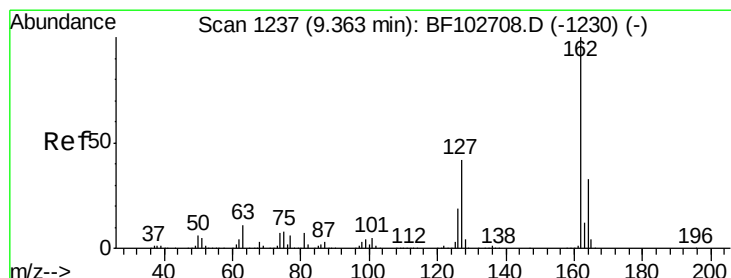
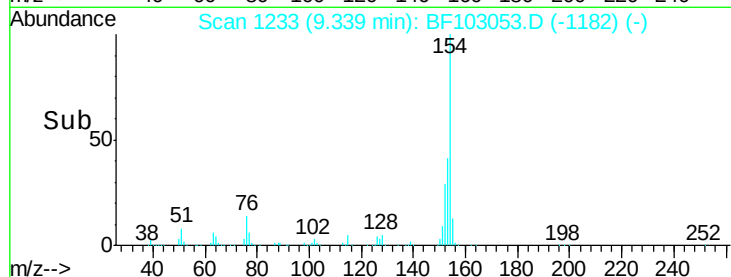
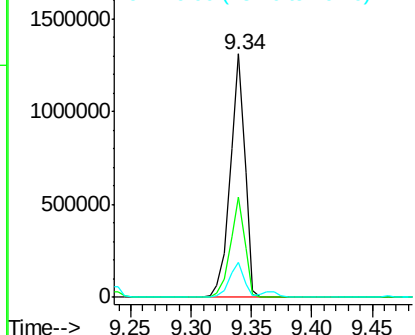
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.2	0.0	34.0

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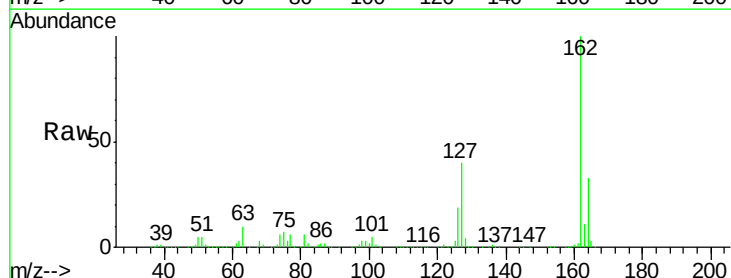


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

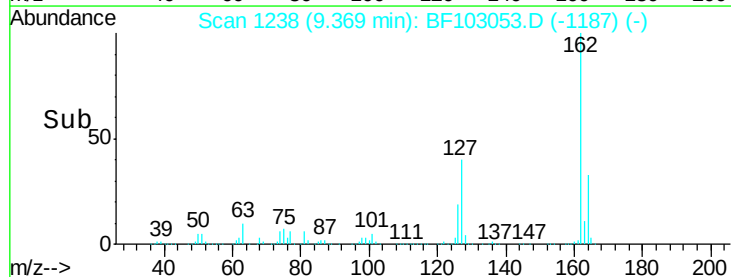
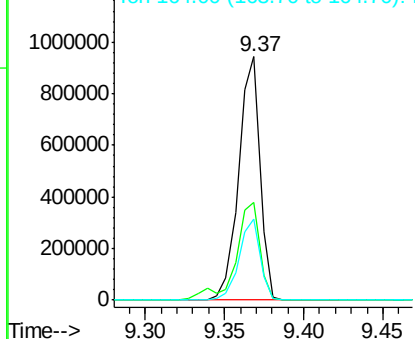


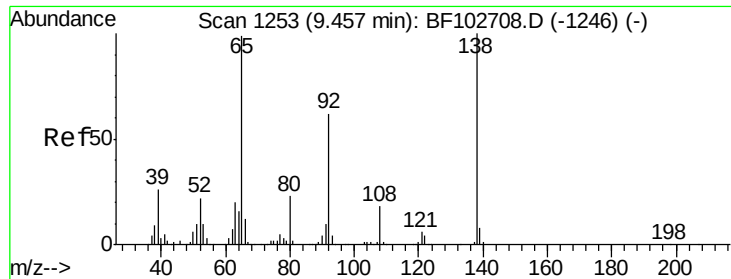
#46
2-Chloronaphthalene
Concen: 44.358 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.1	26.5	39.7



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





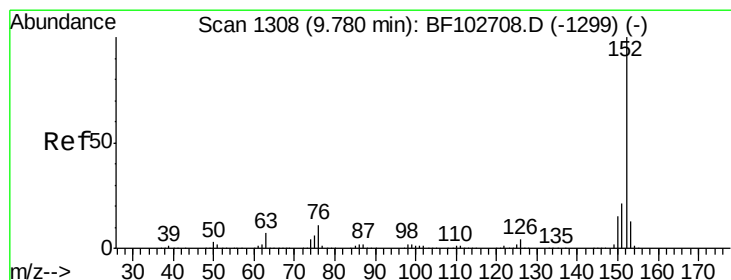
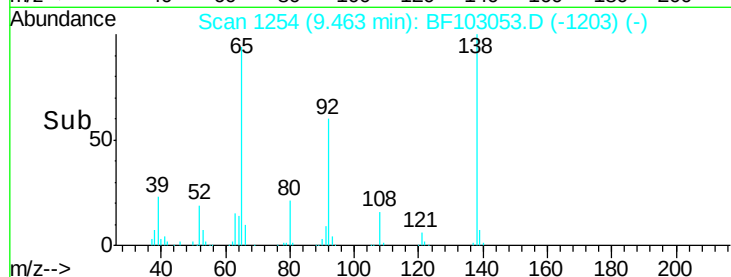
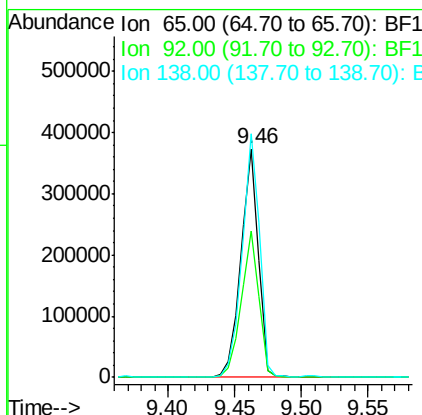
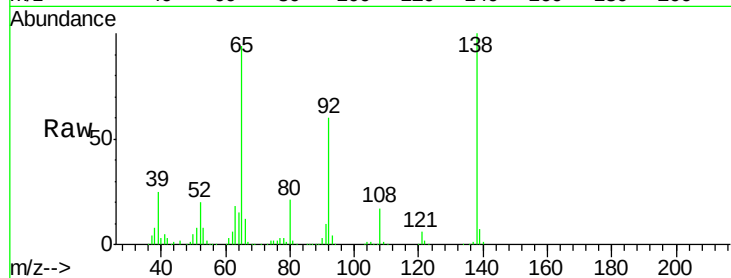
#47
2-Nitroaniline
Concen: 55.537 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampled :
RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	342858		
92	63.9	55.8	83.6	
138	106.5	91.2	136.8	

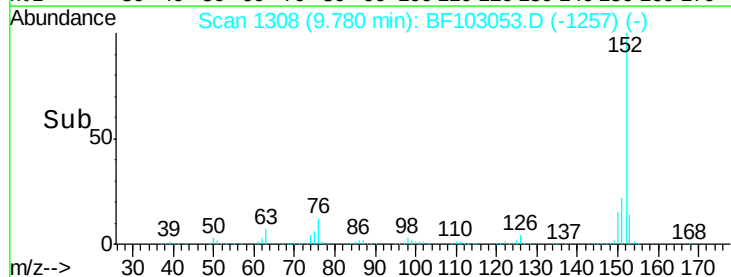
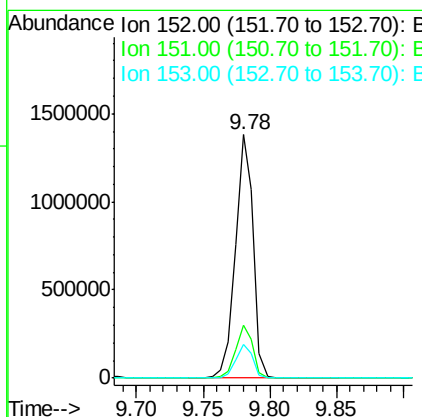
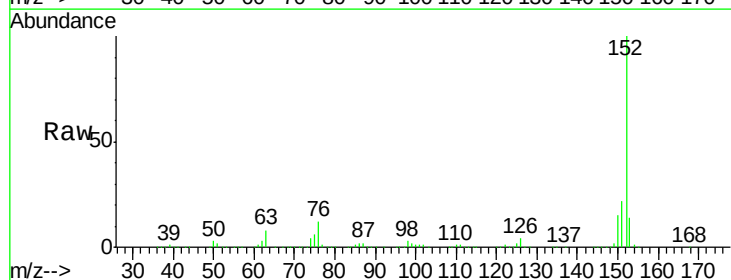
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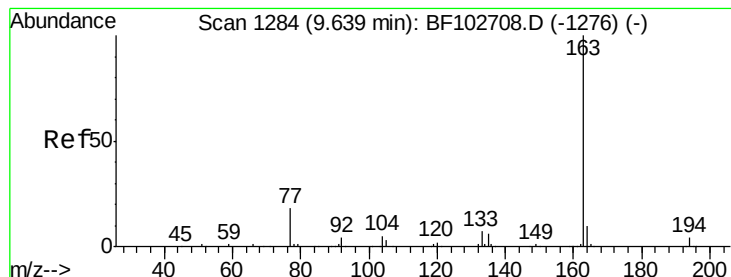
Sohil
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#48
Acenaphthylene
Concen: 41.579 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1278473		
151	21.7	16.3	24.5	
153	14.0	10.7	16.1	





#49

Dimethylphthalate

Concen: 50.728 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

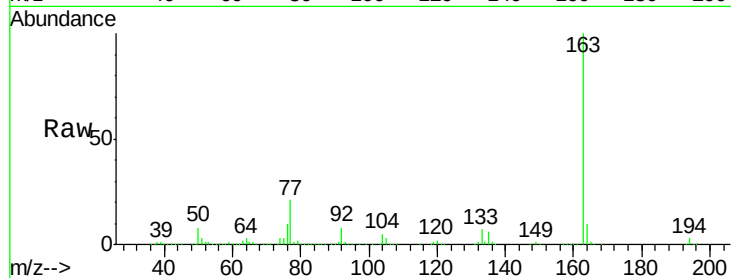
ClientSampled :

RO-155MSD

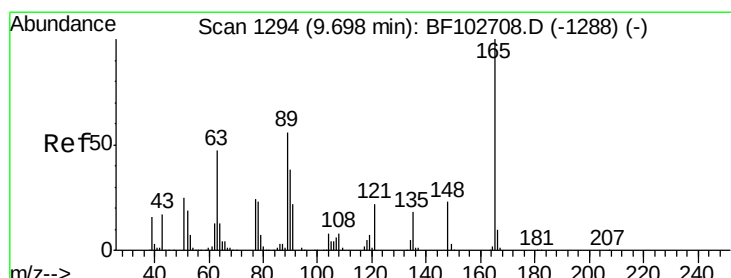
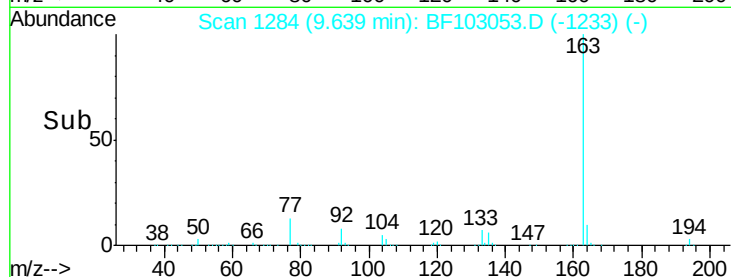
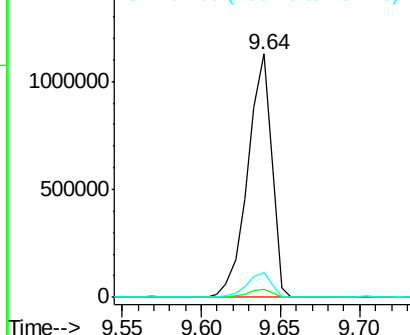
Tgt Ion:	163	Resp:	1180891
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

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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: 51.329 ng

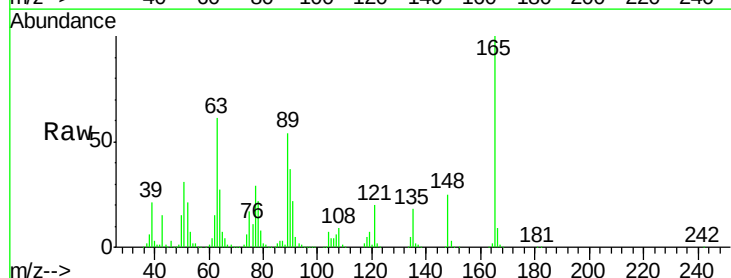
RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

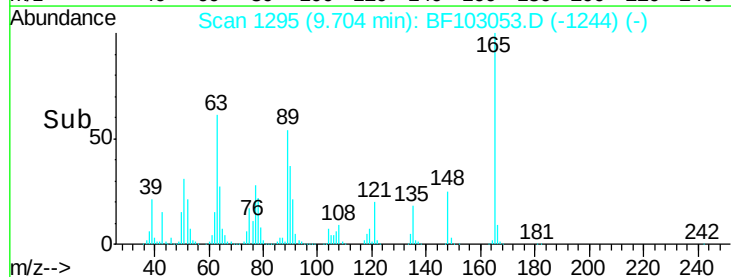
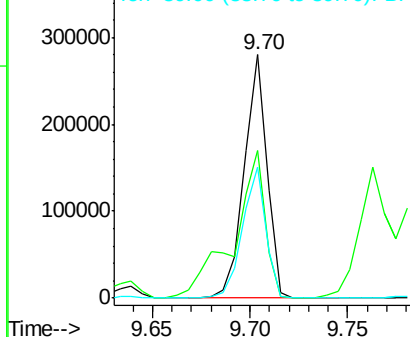
Lab File: BF103053.D

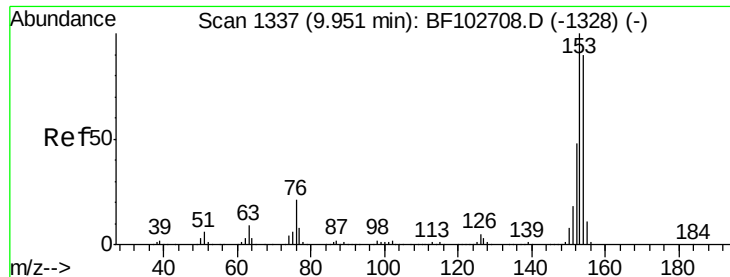
Acq: 16 Feb 2018 15:40

Tgt Ion:	165	Resp:	227328
Ion	Ratio	Lower	Upper
165	100		
63	60.6	44.7	67.1
89	53.8	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: 40.481 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

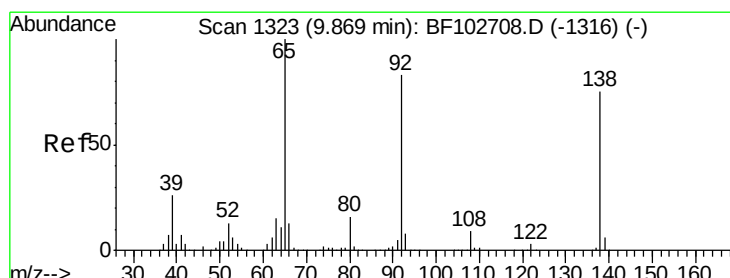
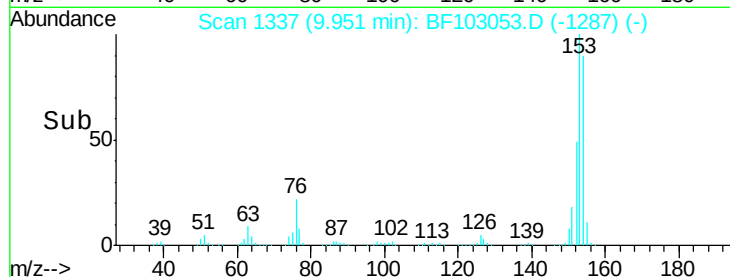
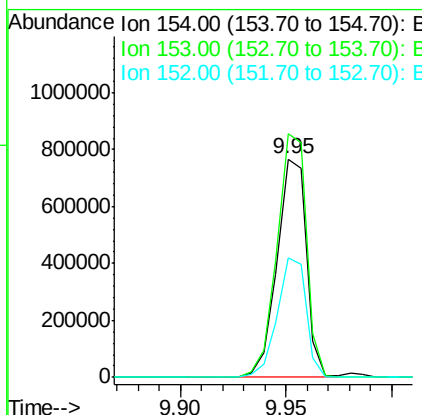
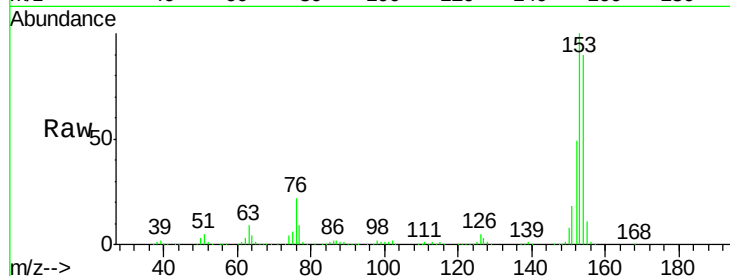
ClientSampleId :

RO-155MSD

Tgt Ion:	154	Resp:	744377
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.2	136.8
152	54.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 41.402 ng

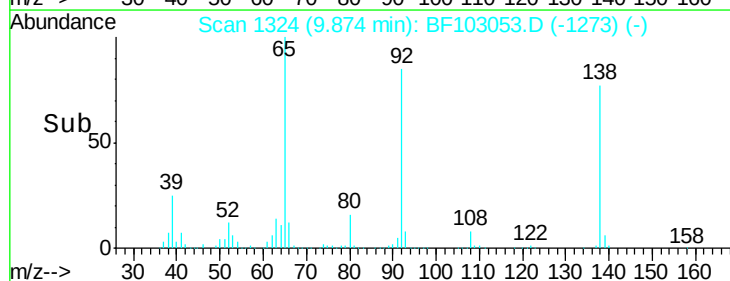
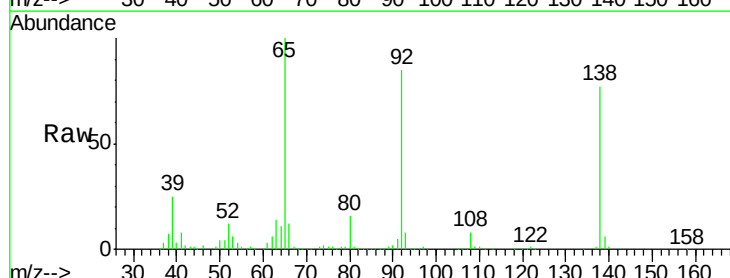
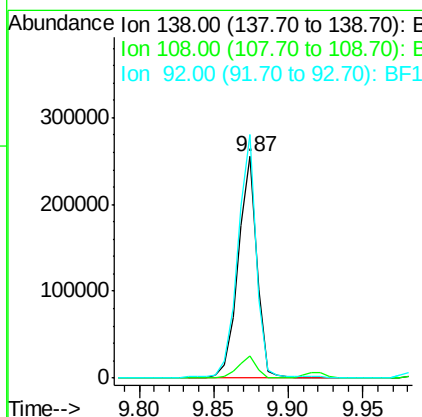
RT: 9.87 min Scan# 1324

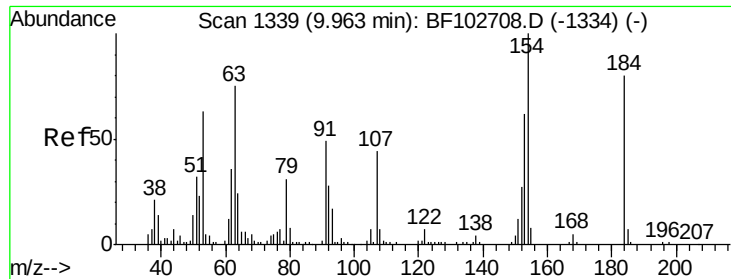
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	138	Resp:	225621
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	110.0	89.4	134.2





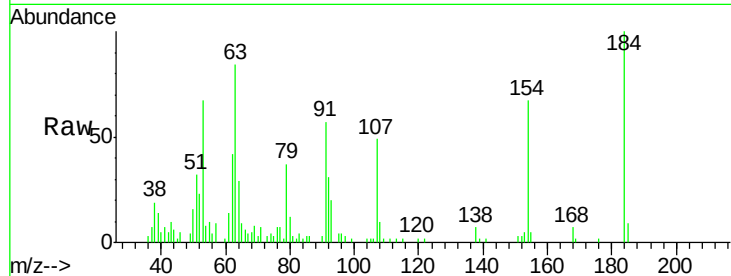
#53
2,4-Dinitrophenol
Concen: 27.144 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

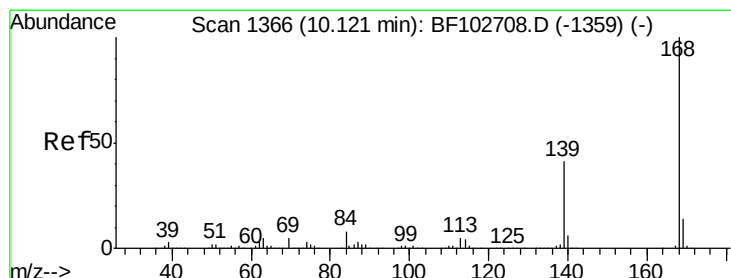
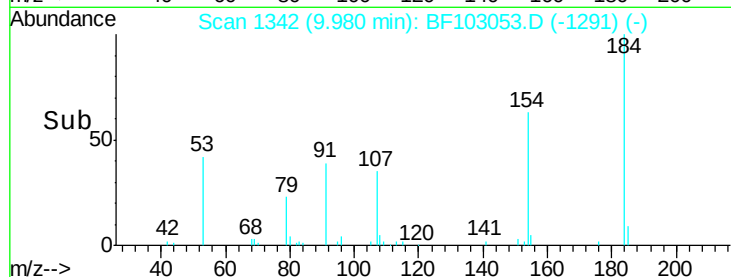
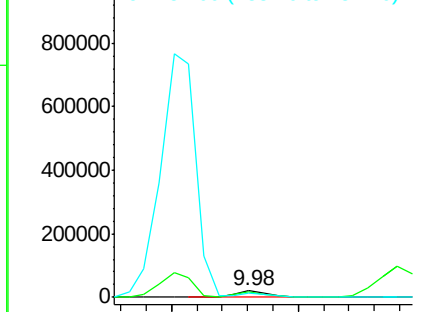
Tgt Ion:184 Resp: 19127
Ion Ratio Lower Upper
184 100
63 84.3 54.2 81.2#
154 66.5 184.0 276.0#

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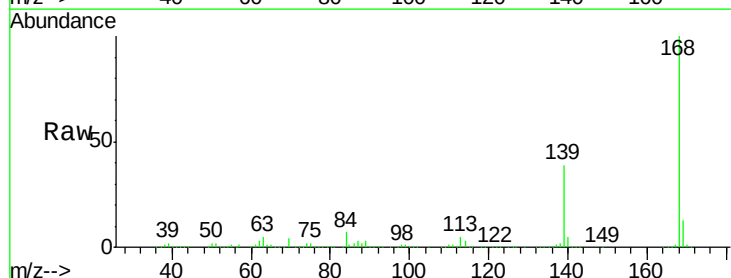


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

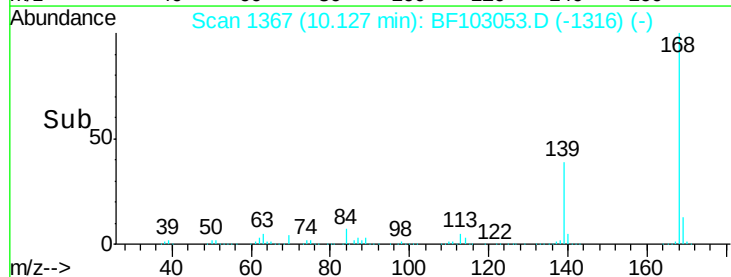
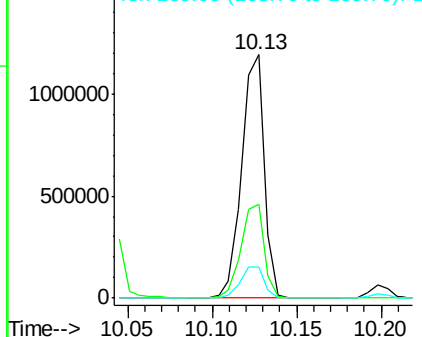


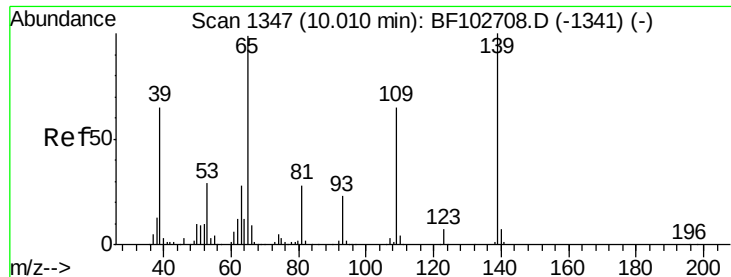
#54
Dibenzofuran
Concen: 42.919 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion:168 Resp: 1112217
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





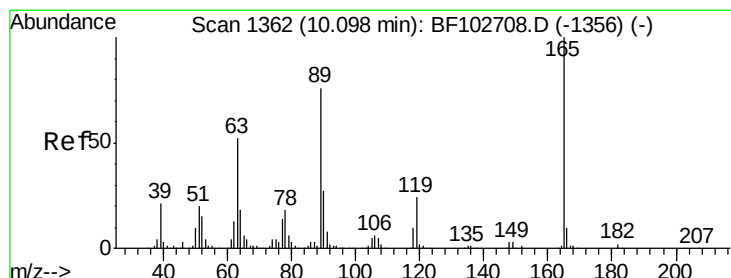
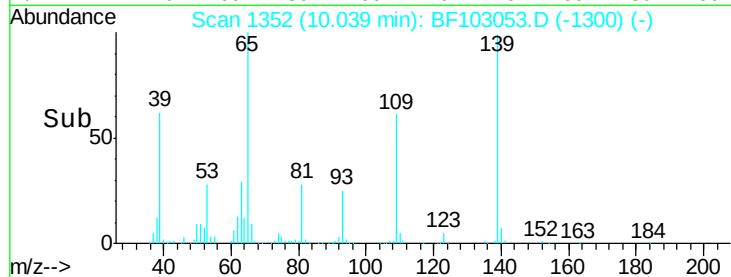
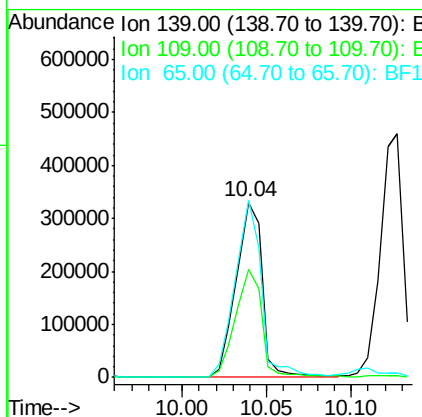
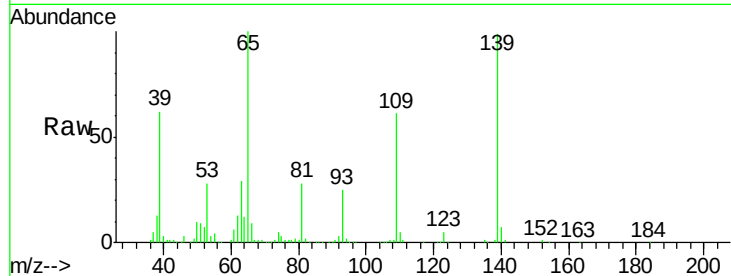
#55
4-Nitrophenol
Concen: 80.272 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	359548		
109	61.9	48.4	88.4	
65	101.5	72.6	112.6	

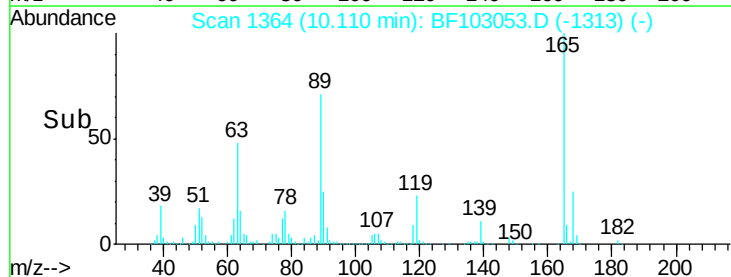
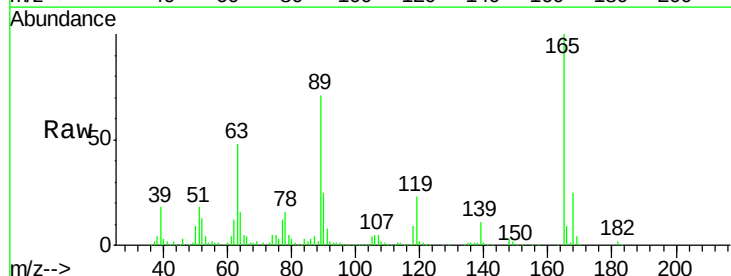
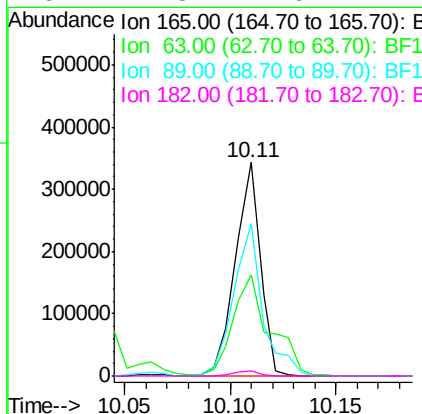
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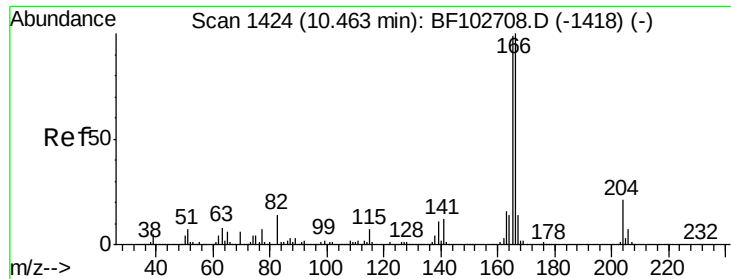
Sohil
2/27/2018 2:32:22 PM



#56
2,4-Dinitrotoluene
Concen: 47.526 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282100		
63	47.5	36.4	54.6	
89	71.3	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 43.374 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

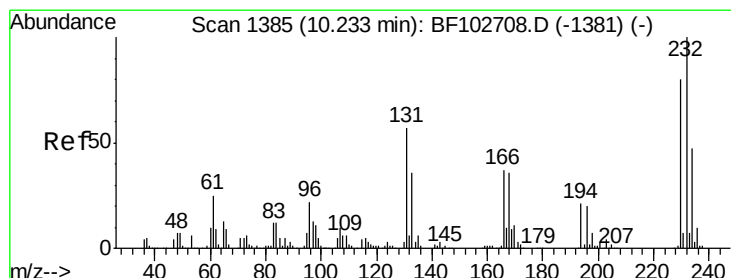
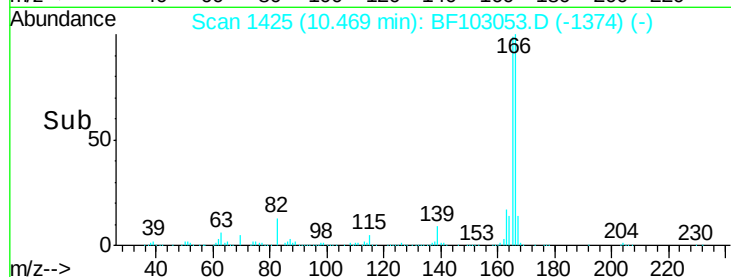
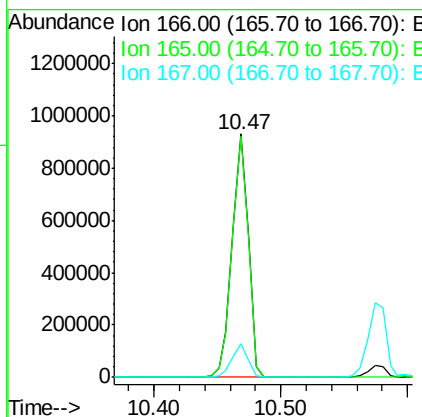
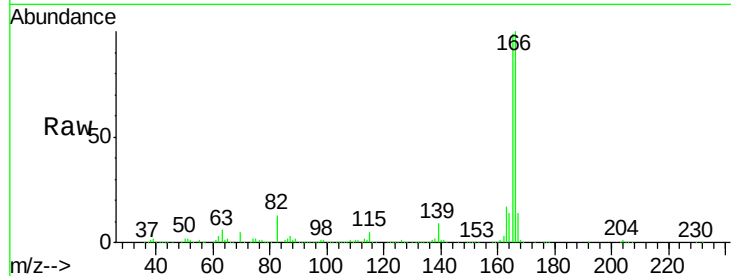
ClientSampleId :

RO-155MSD

Tgt Ion:	166	Resp:	817794
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.844 ng

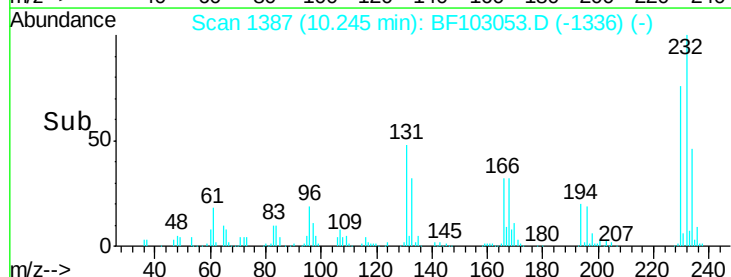
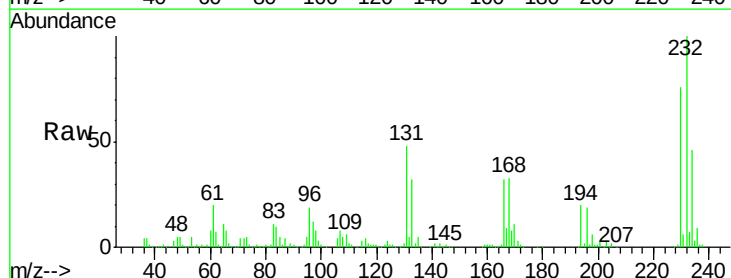
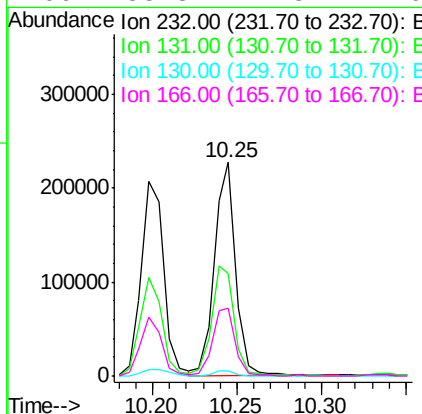
RT: 10.25 min Scan# 1387

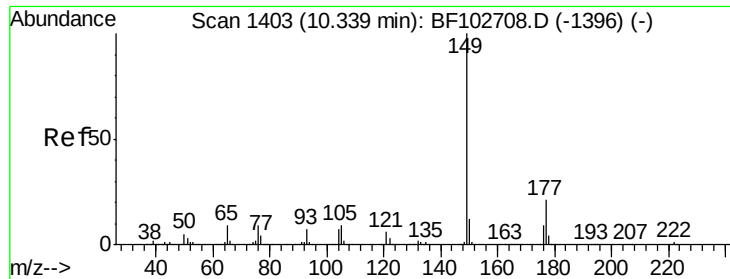
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	232	Resp:	199560
Ion Ratio	Lower	Upper	
232	100		
131	54.8	43.8	65.8
130	2.7	2.1	3.1
166	33.8	27.8	41.6





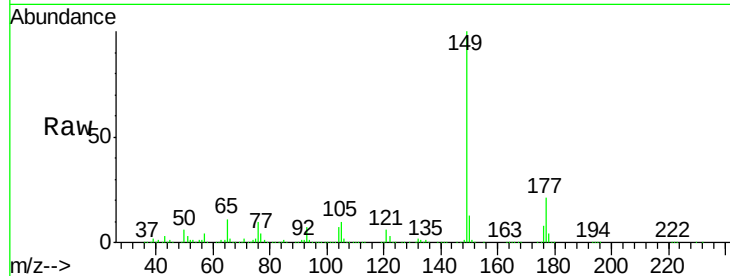
#59
Diethylphthalate
Concen: 42.950 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampled :
RO-155MSD

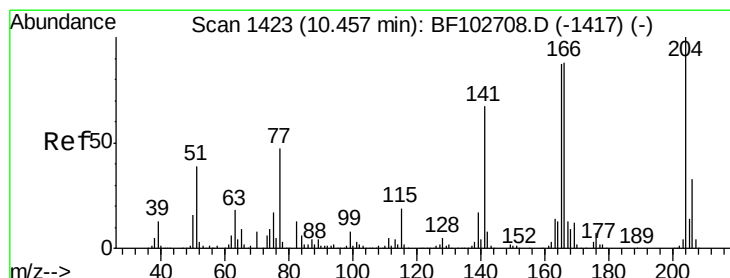
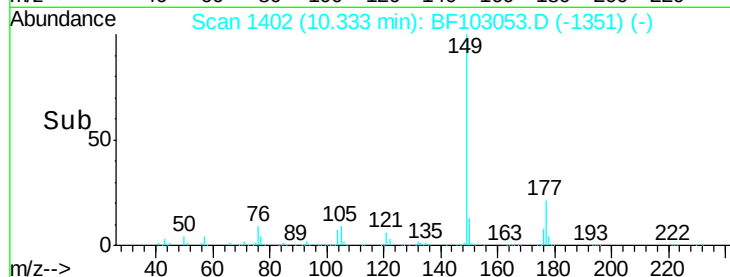
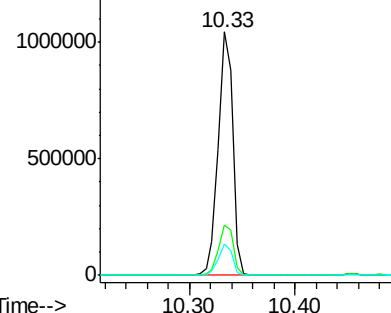
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.9	10.1	15.1

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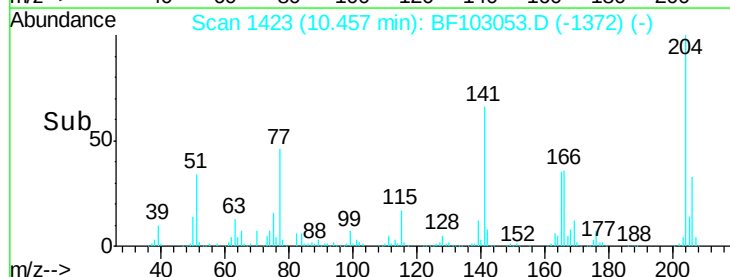
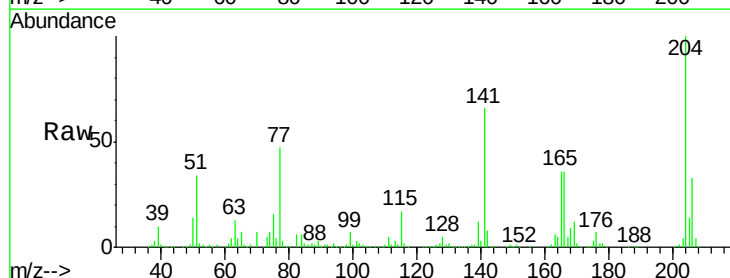
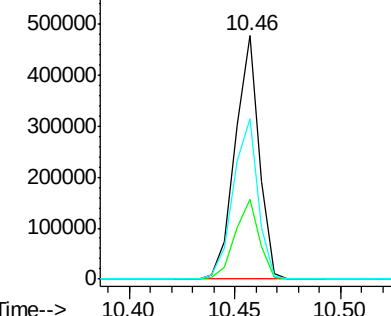
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

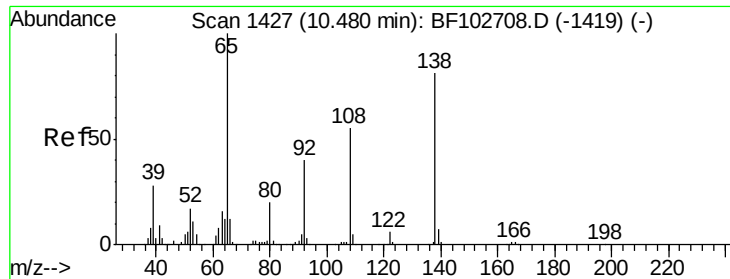


#60
4-Chlorophenyl-phenylether
Concen: 45.027 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.1	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





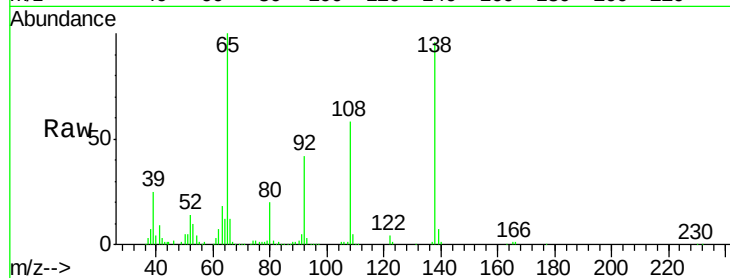
#61
4-Nitroaniline
Concen: 45.556 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	236304		
92	43.9	30.2	70.2	
108	60.6	52.5	92.5	

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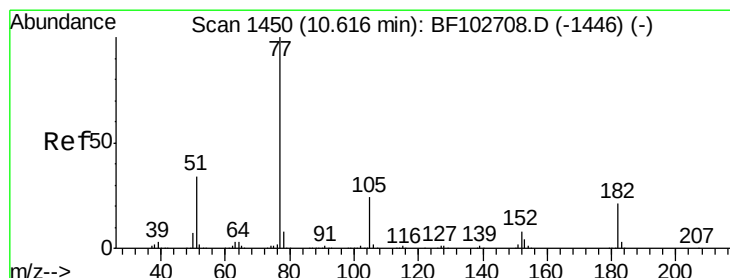
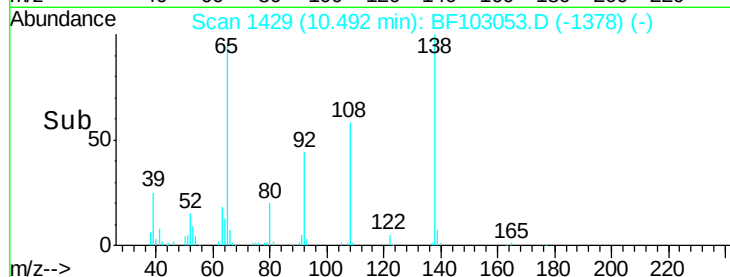
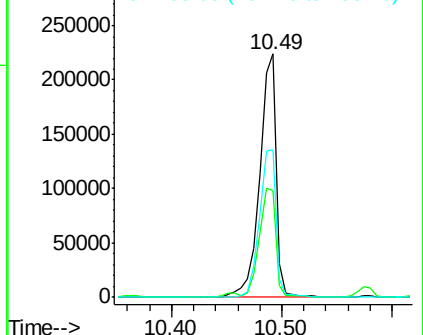


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 41.377 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	950141		
182	21.3	1.7	41.7	
105	24.2	3.0	43.0	
51	32.6	9.9	49.9	

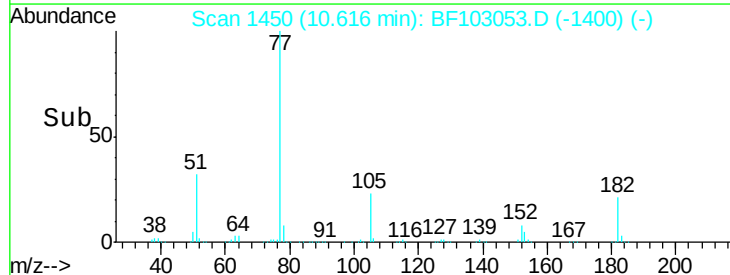
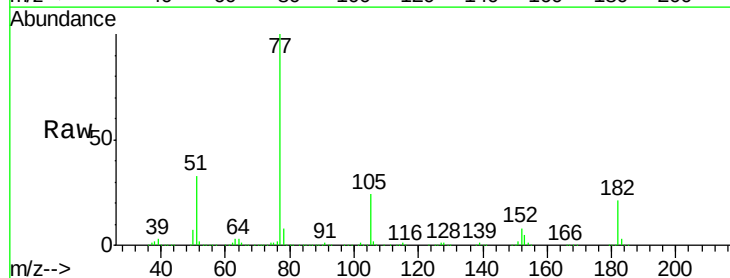
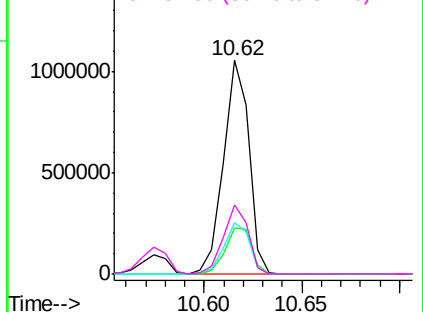
Abundance

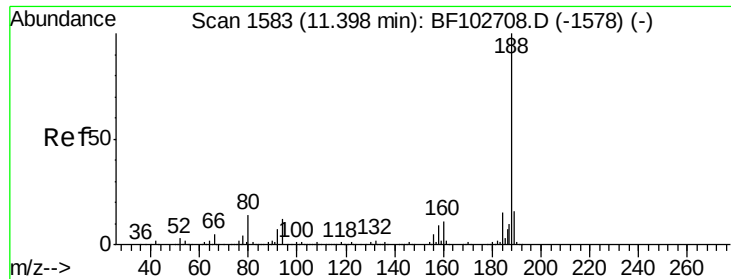
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





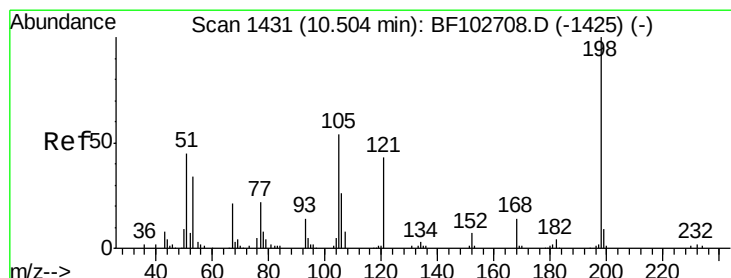
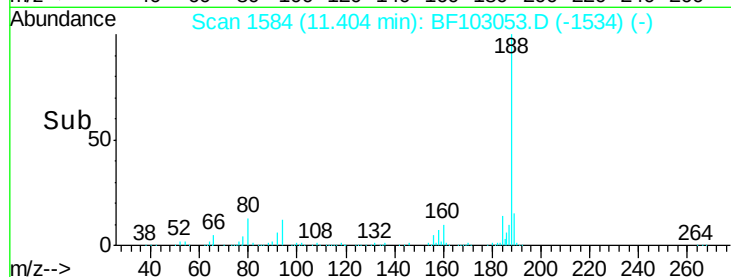
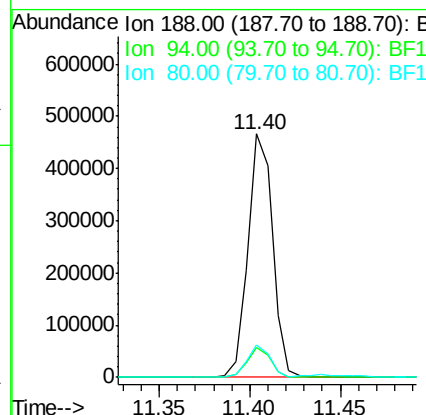
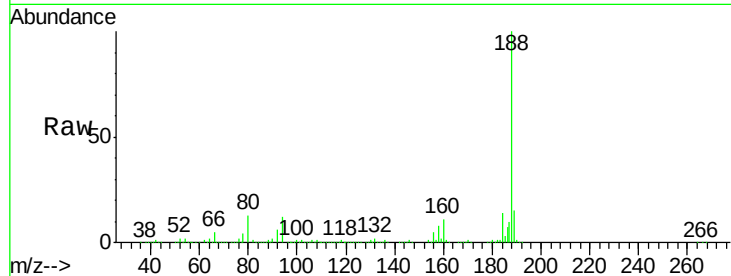
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439996		
94	12.1	8.5	12.7	
80	13.3	9.2	13.8	

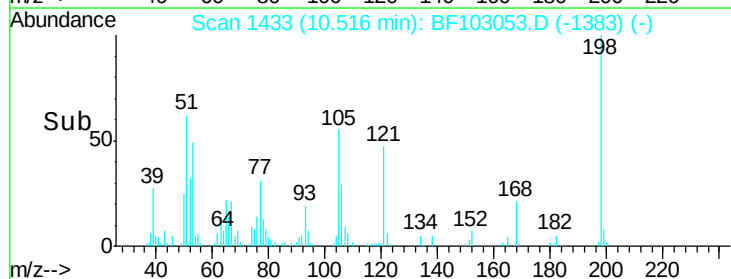
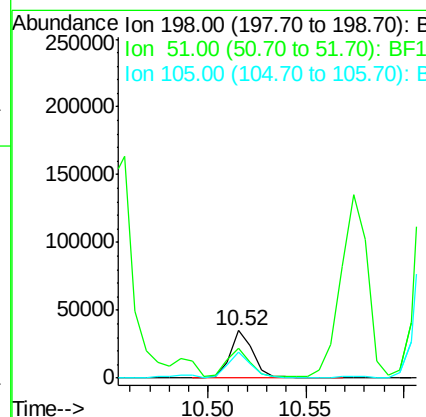
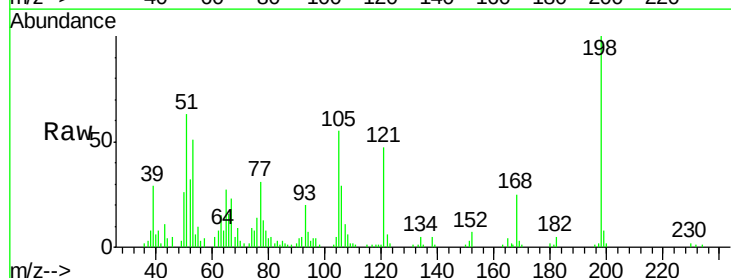
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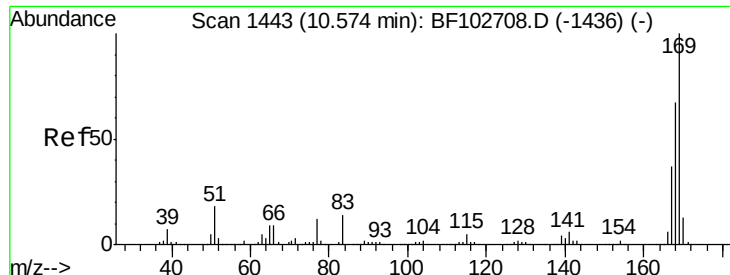
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.776 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28947		
51	63.2	37.7	77.7	
105	55.2	36.3	76.3	





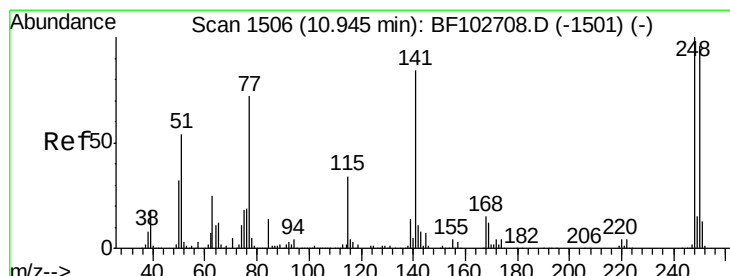
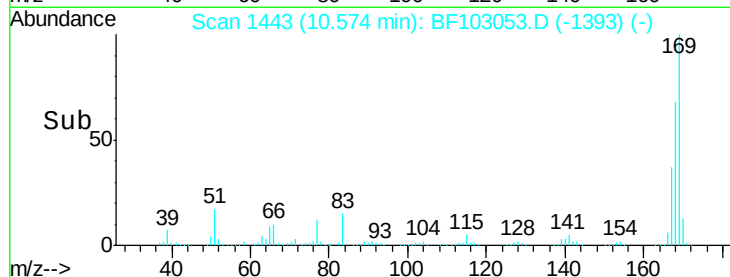
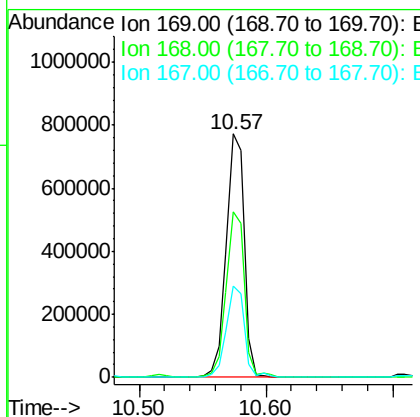
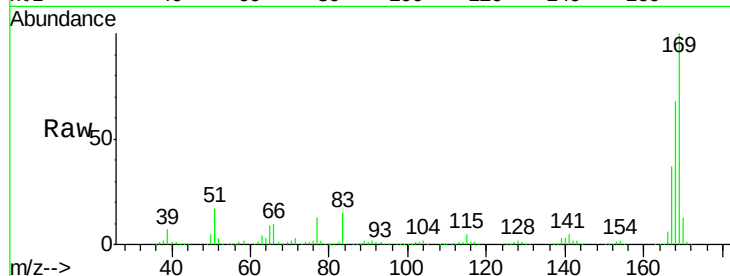
#65
 n-Nitrosodiphenylamine
 Concen: 48.953 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	759743		
168	68.1	54.4	81.6	
167	37.3	29.8	44.6	

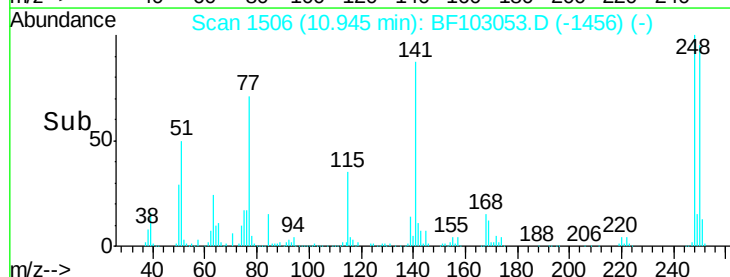
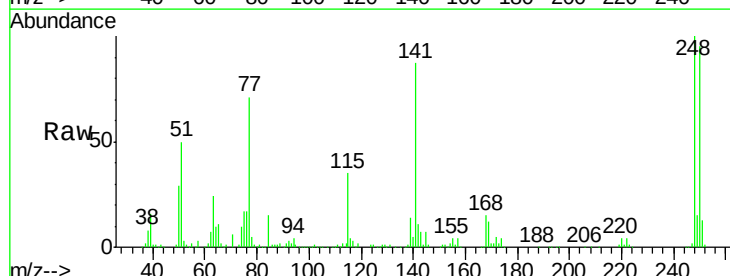
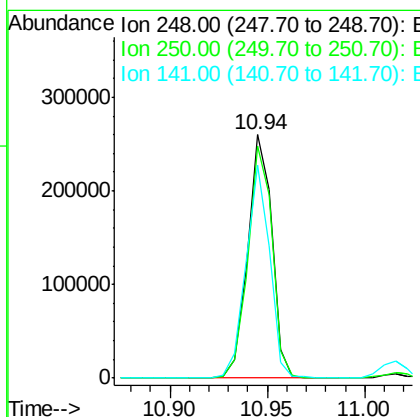
Manual Integrations
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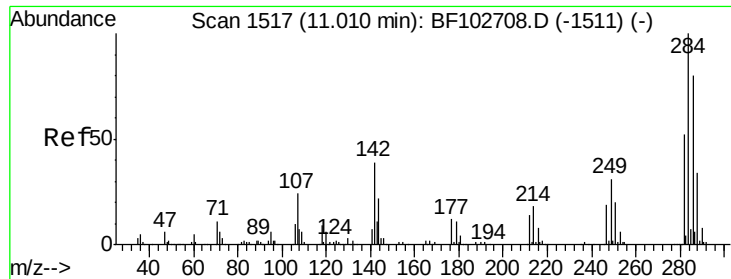
Sohil
 2/27/2018 2:32:22 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.983 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	223328		
250	95.4	76.9	115.3	
141	87.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 44.579 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

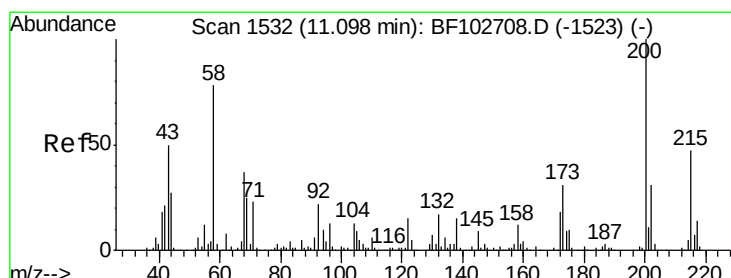
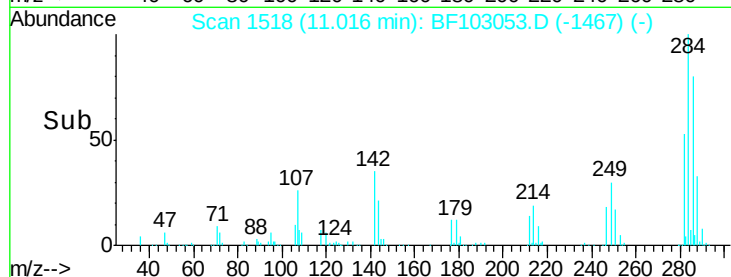
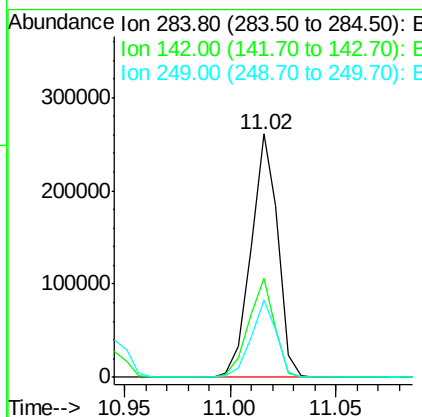
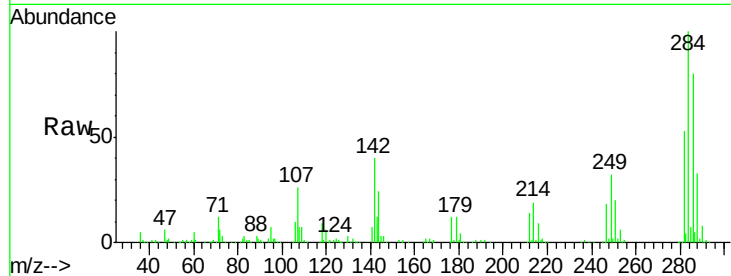
ClientSampleId :

RO-155MSD

Tgt Ion:	284	Resp:	228894
Ion Ratio	Lower	Upper	
284	100		
142	40.4	34.6	52.0
249	31.9	24.8	37.2

Manual Integrations
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2/27/2018 2:32:22 PM



#68

Atrazine

Concen: 47.533 ng

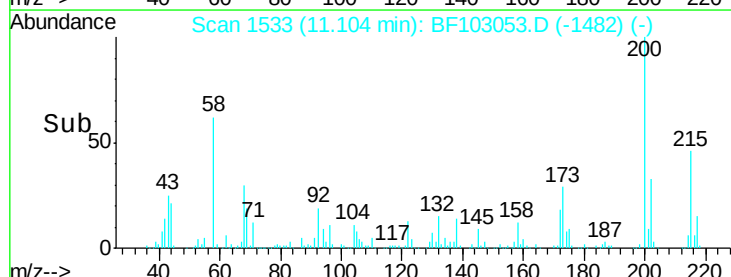
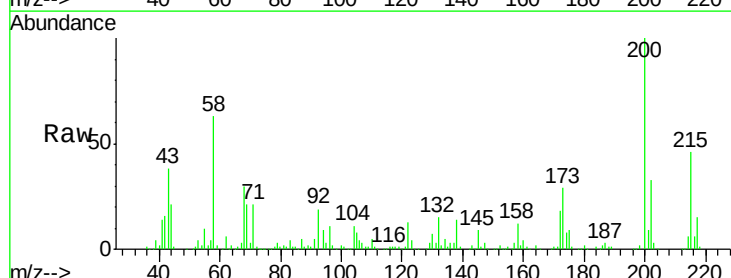
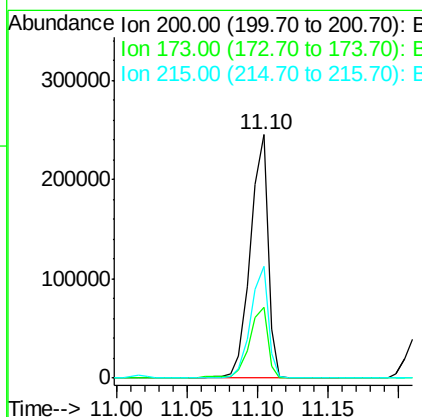
RT: 11.10 min Scan# 1533

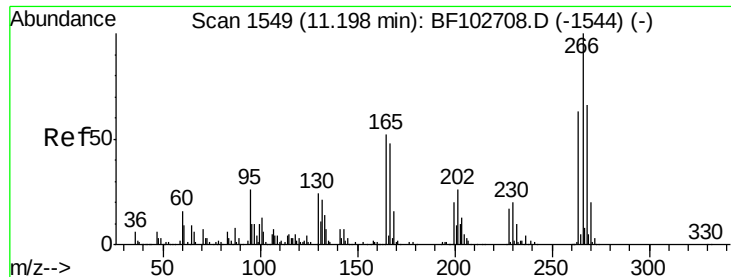
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	200	Resp:	217633
Ion Ratio	Lower	Upper	
200	100		
173	29.0	8.6	48.6
215	45.7	25.1	65.1





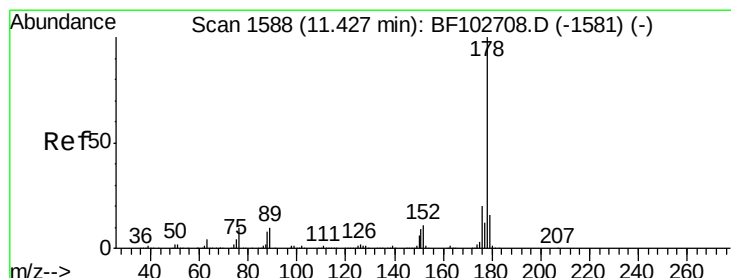
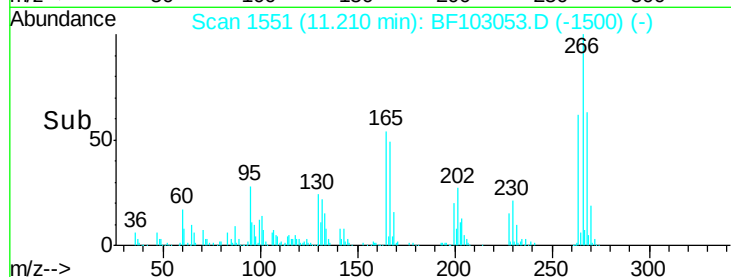
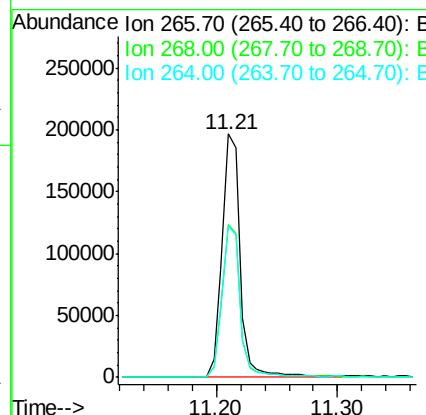
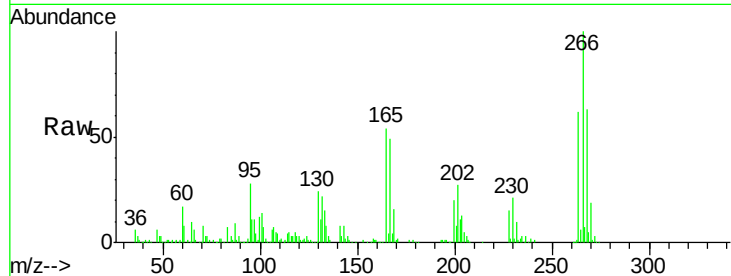
#69
 Pentachlorophenol
 Concen: 67.613 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampled :
 RO-155MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	62.4	49.5	74.3

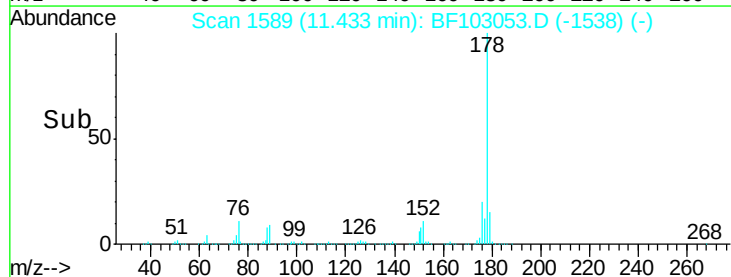
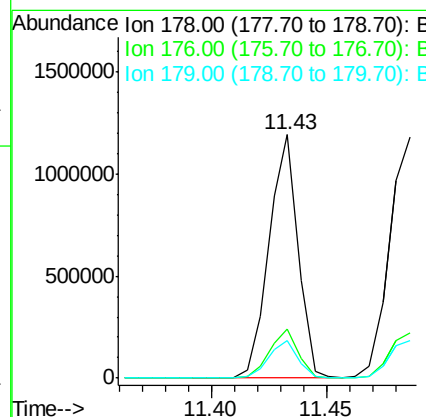
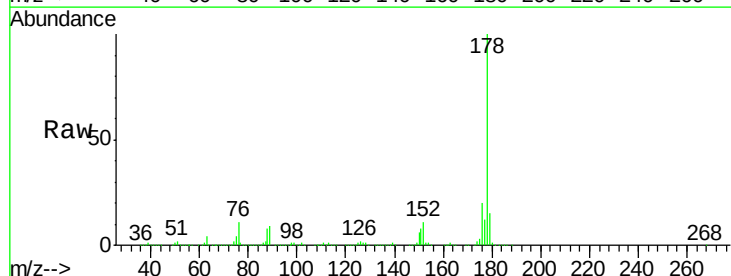
Manual Integrations
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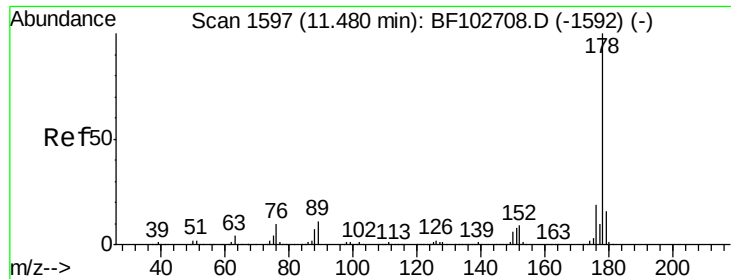
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#70
 Phenanthrene
 Concen: 42.545 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6





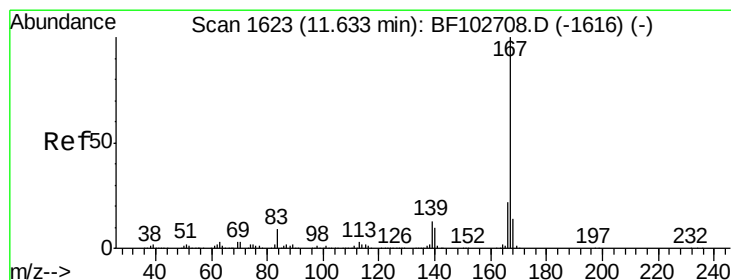
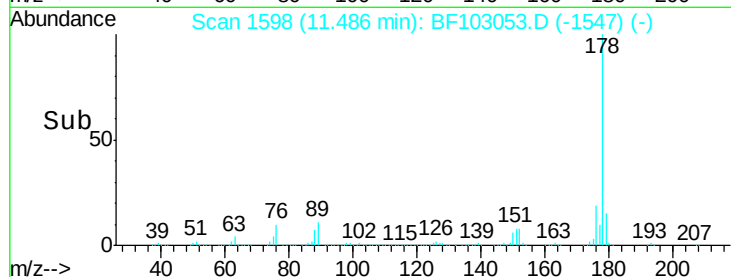
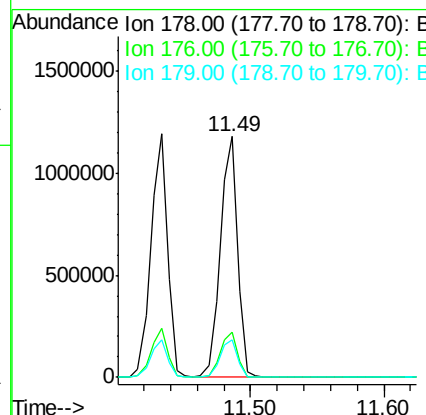
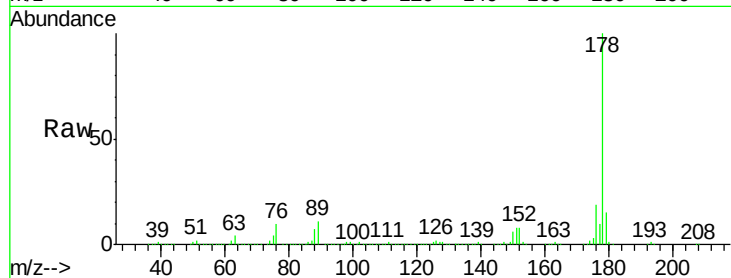
#71
 Anthracene
 Concen: 43.357 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion:178 Resp: 1080623
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0

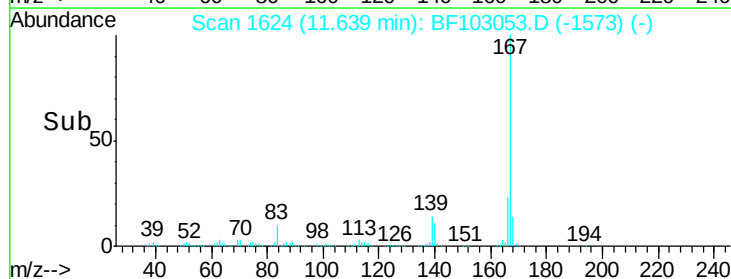
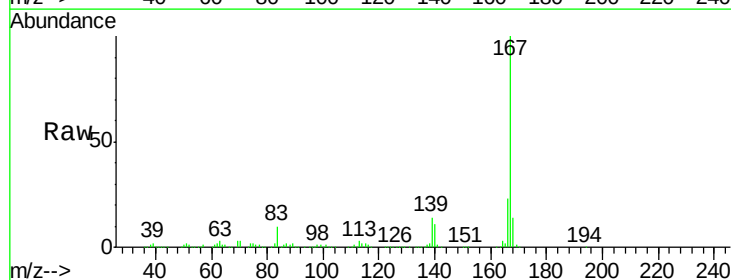
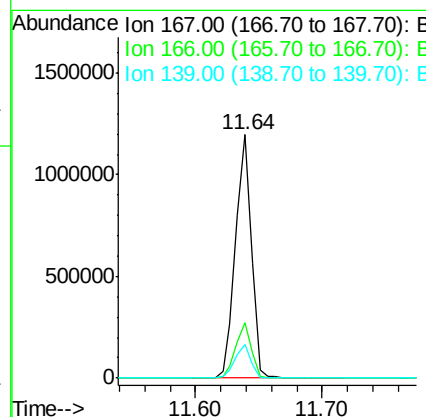
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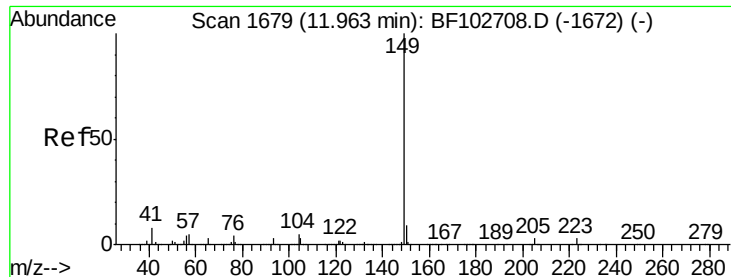
Sohil
 2/27/2018 2:32:22 PM



#72
 Carbazole
 Concen: 42.444 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion:167 Resp: 1036366
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.599 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

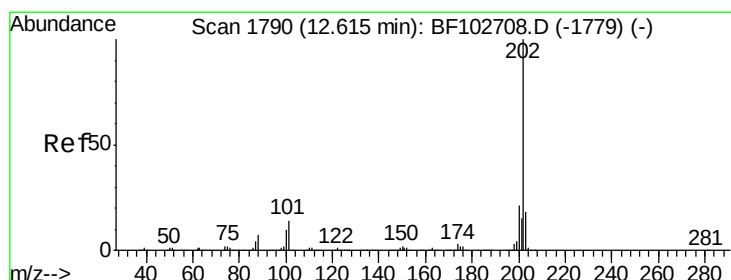
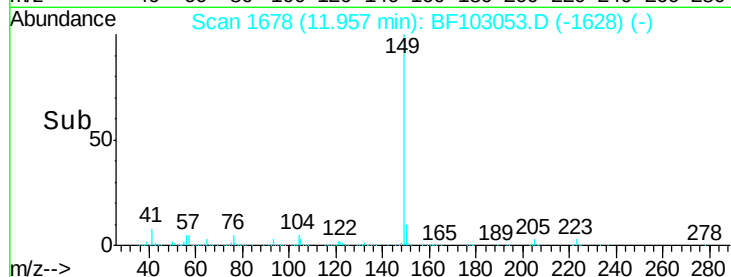
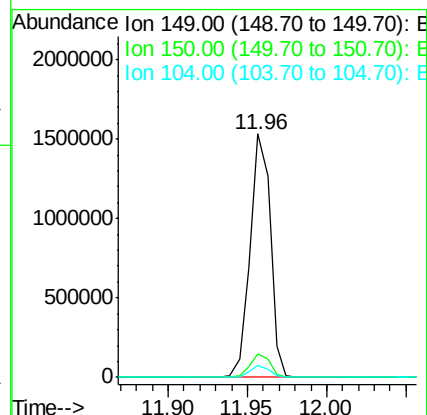
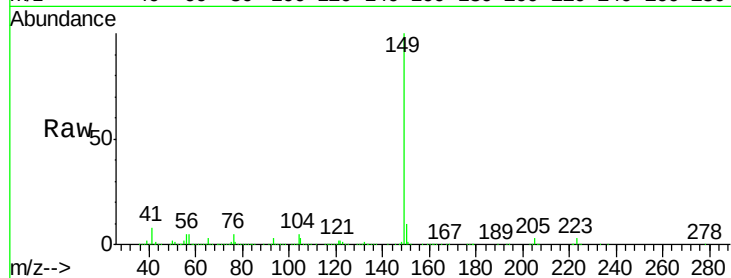
ClientSampleId :

RO-155MSD

Tgt Ion:	149	Resp:	1352494
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.594 ng

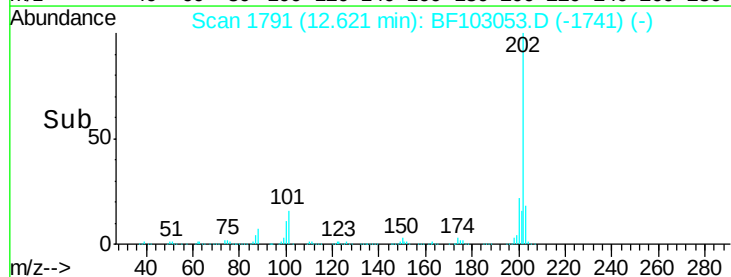
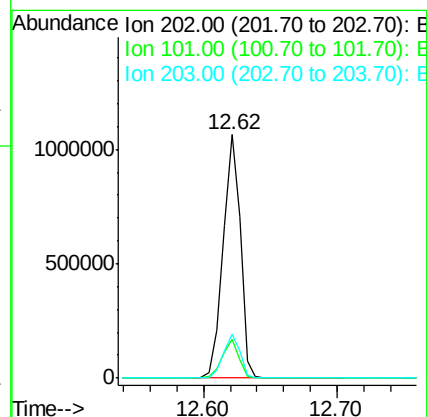
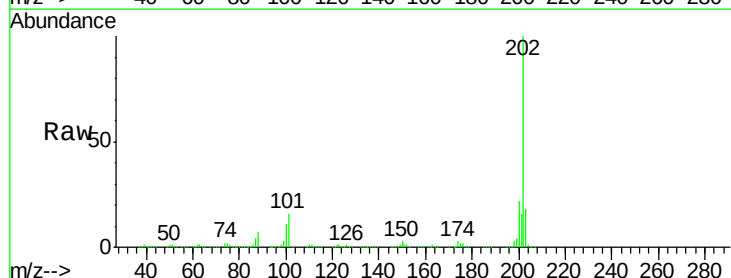
RT: 12.62 min Scan# 1791

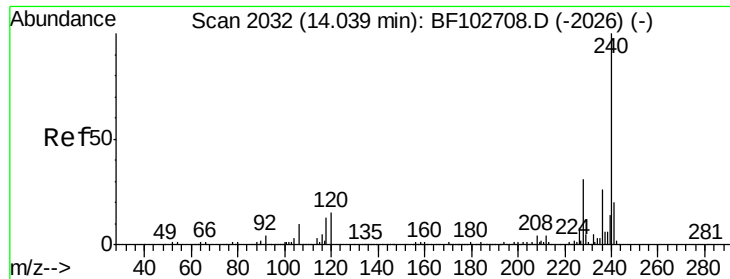
Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	202	Resp:	976184
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

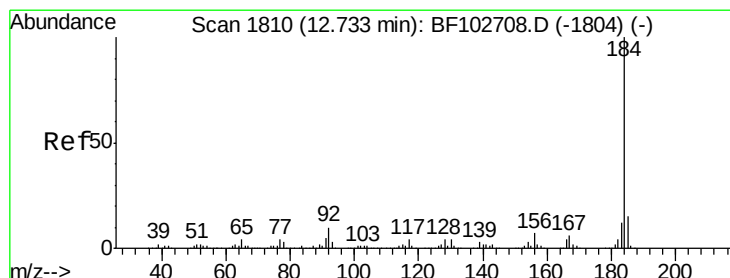
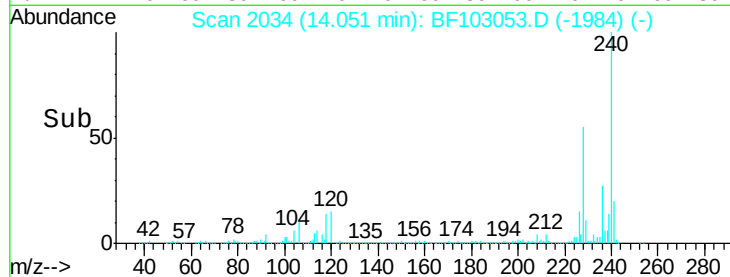
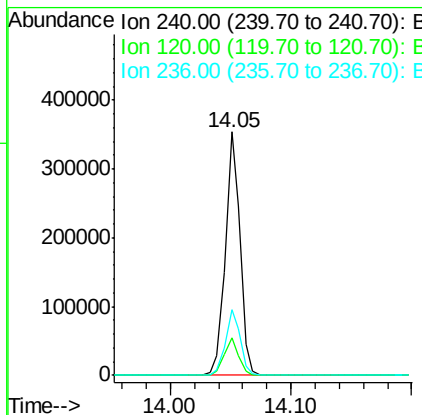
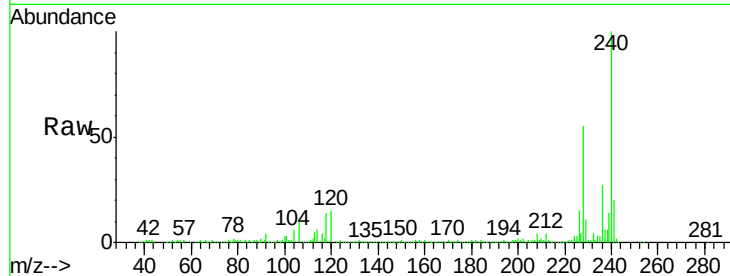
ClientSampleId :

RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	296219		
120	15.4	9.5	14.3#	
236	27.2	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 47.704 ng

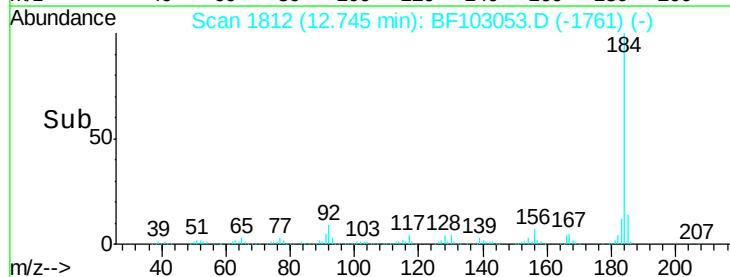
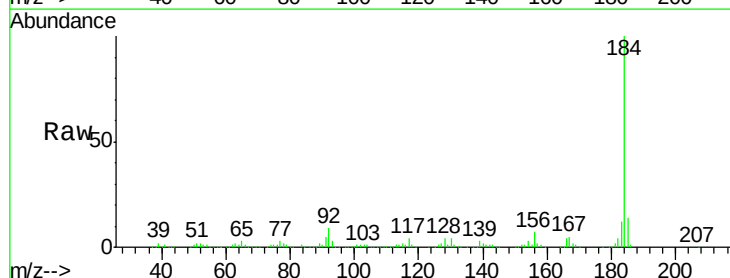
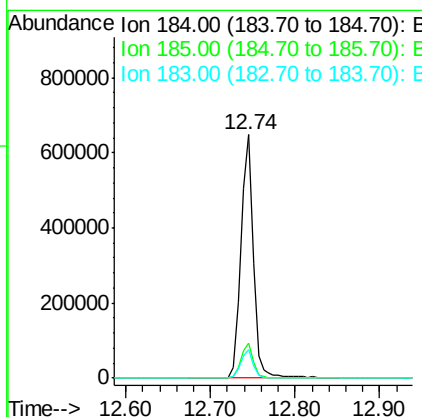
RT: 12.74 min Scan# 1812

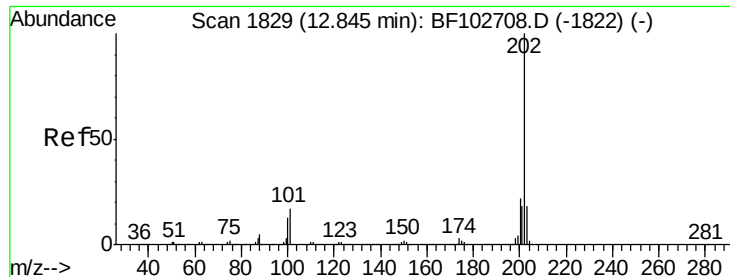
Delta R.T. -0.00 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	649460		
185	14.2	12.6	18.8	
183	11.7	9.3	13.9	





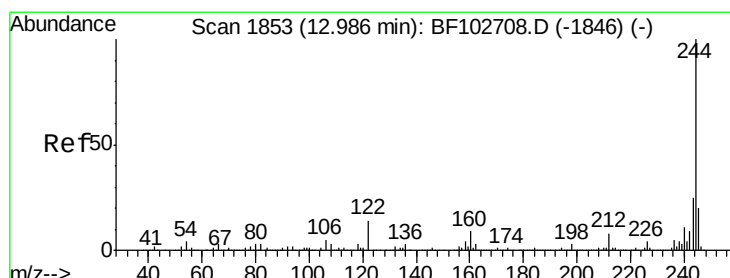
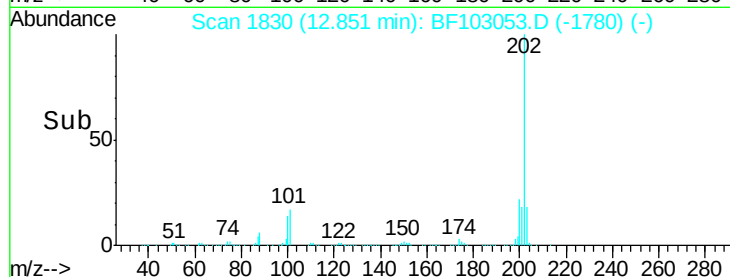
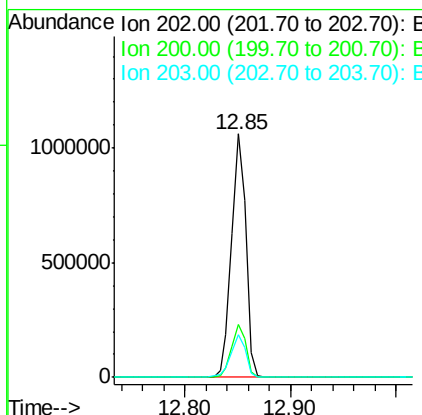
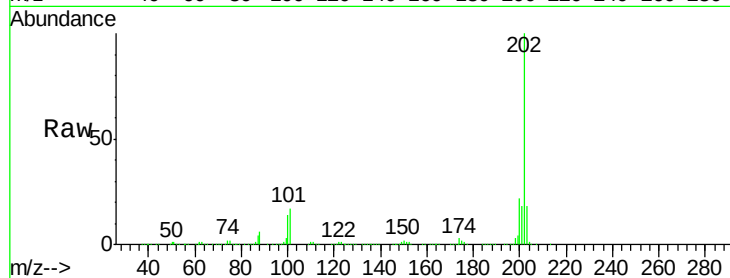
#77
 Pyrene
 Concen: 42.799 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	994145		
200	21.7		17.4	26.2
203	17.7		14.3	21.5

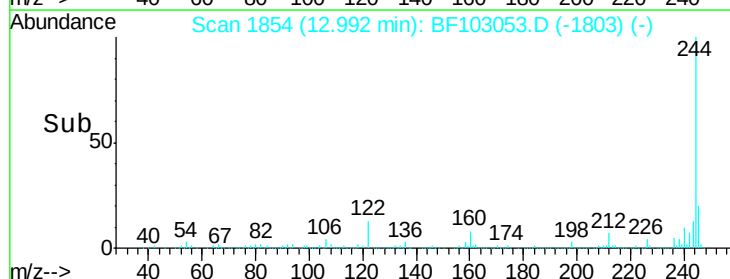
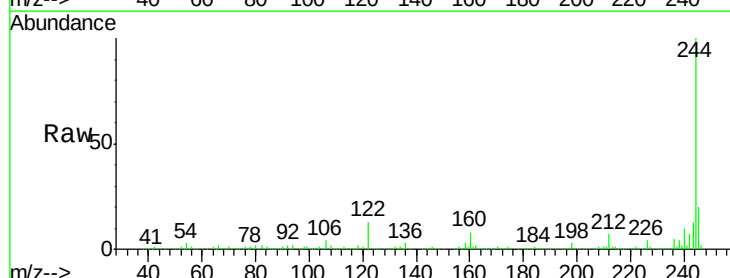
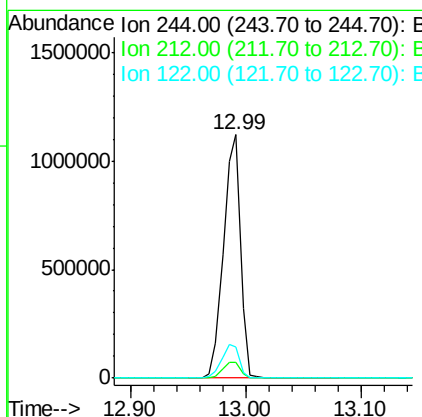
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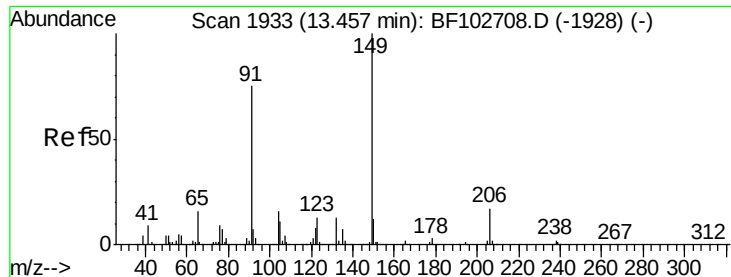
Sohil
 2/27/2018 2:32:22 PM



#78
 Terphenyl-d14
 Concen: 90.777 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1135655		
212	6.6		5.4	8.0
122	12.6		11.0	16.4





#79

Butylbenzylphthalate

Concen: 48.412 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Instrument :

BNA_F

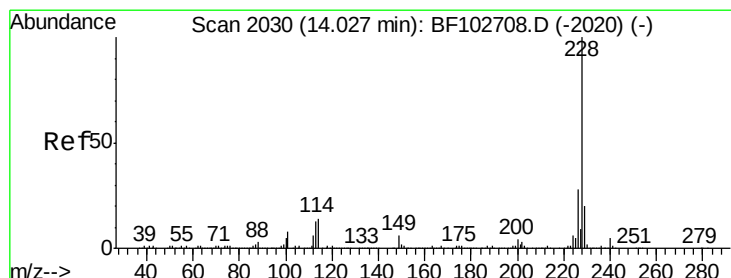
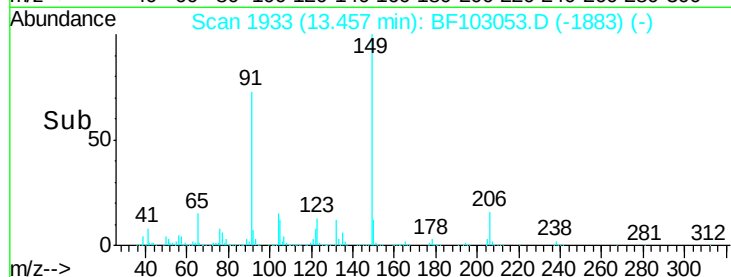
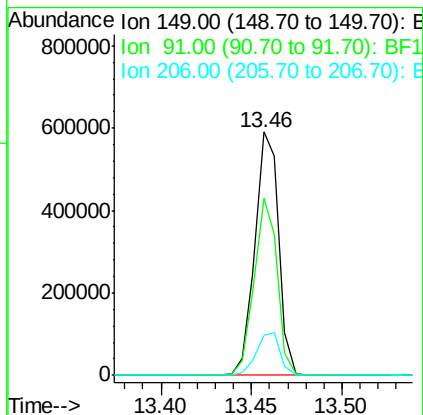
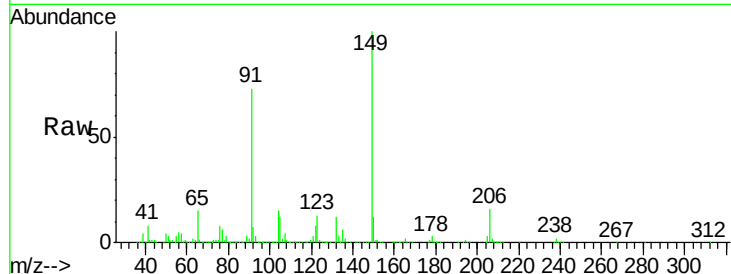
ClientSampleId :

RO-155MSD

Tgt Ion:	149	Resp:	537995
Ion Ratio	Lower	Upper	
149	100		
91	72.7	56.8	85.2
206	16.4	14.1	21.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 45.582 ng

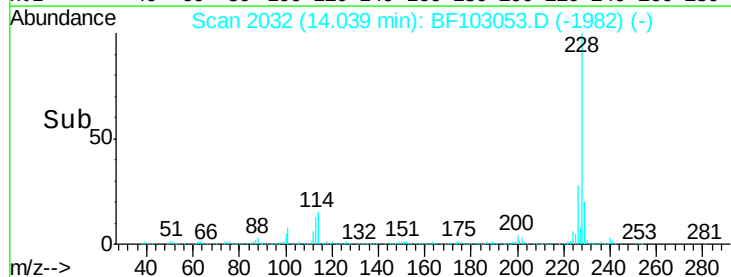
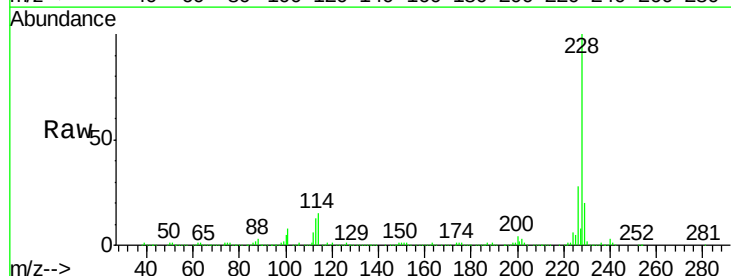
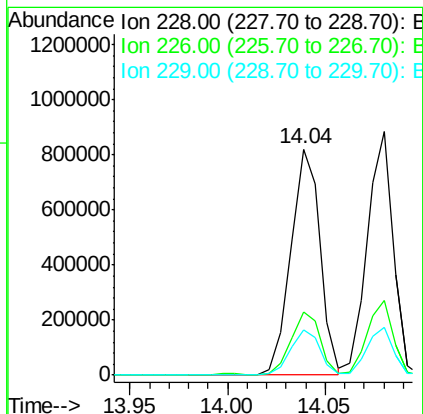
RT: 14.04 min Scan# 2032

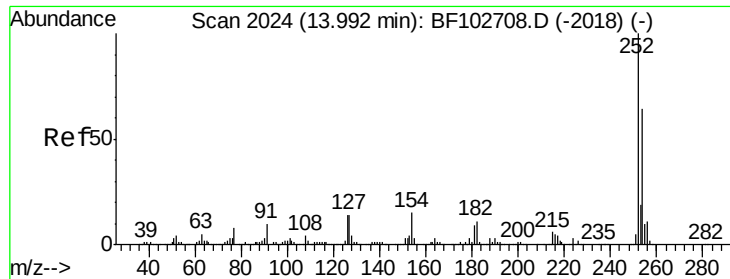
Delta R.T. -0.01 min

Lab File: BF103053.D

Acq: 16 Feb 2018 15:40

Tgt Ion:	228	Resp:	849169
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.9	15.8	23.6





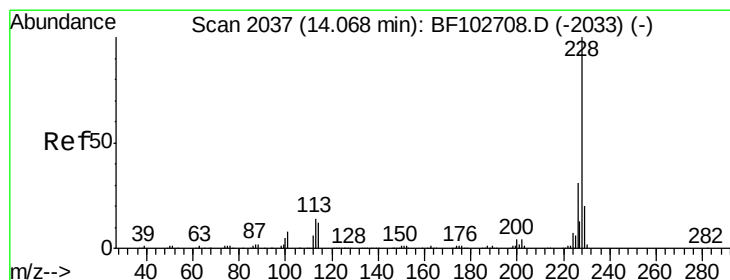
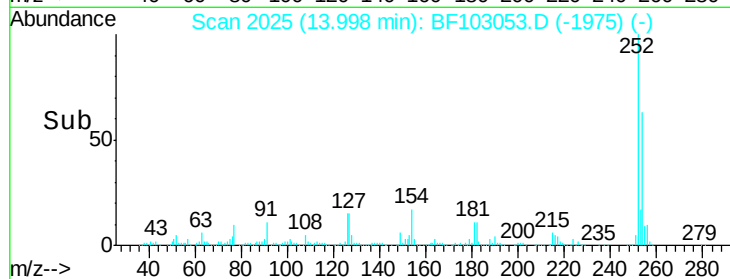
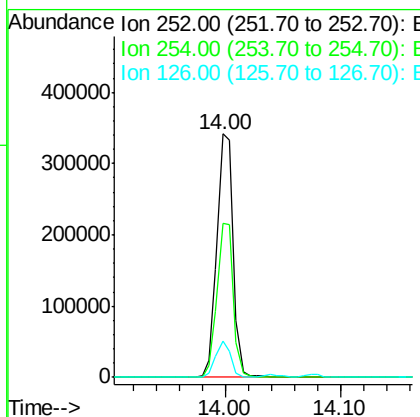
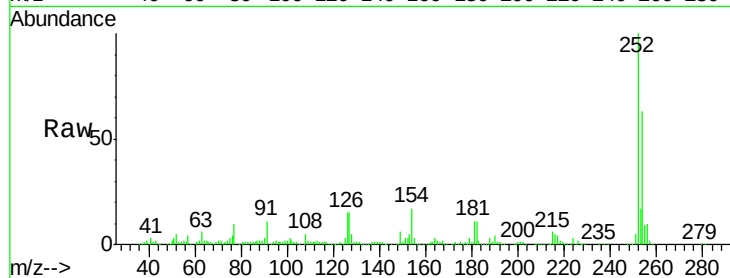
#81
 3,3'-Dichlorobenzidine
 Concen: 48.748 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	336722		
254	63.4	50.4	75.6	
126	15.0	11.3	16.9	

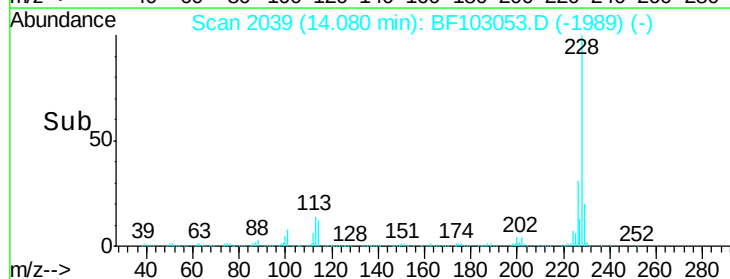
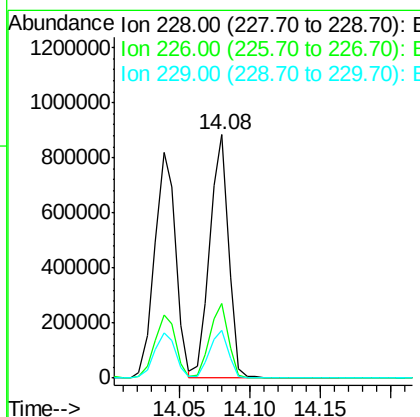
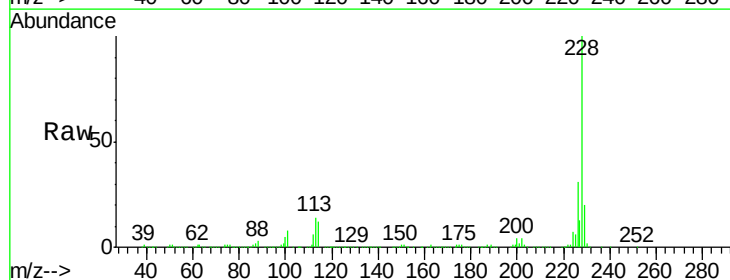
Manual Integrations
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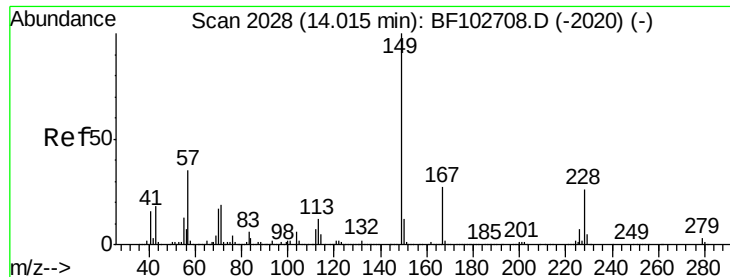
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#82
 Chrysene
 Concen: 43.535 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	817563		
226	30.8	25.0	37.6	
229	19.7	16.2	24.4	





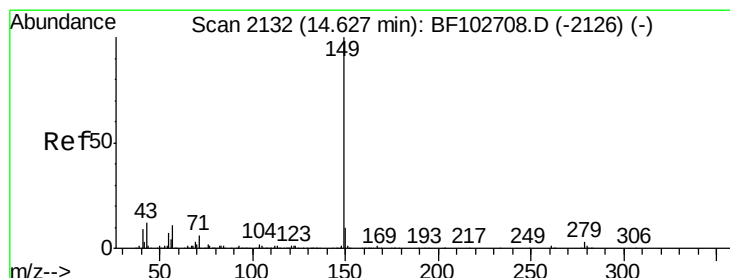
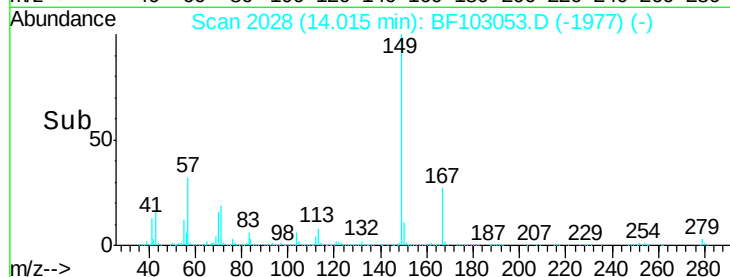
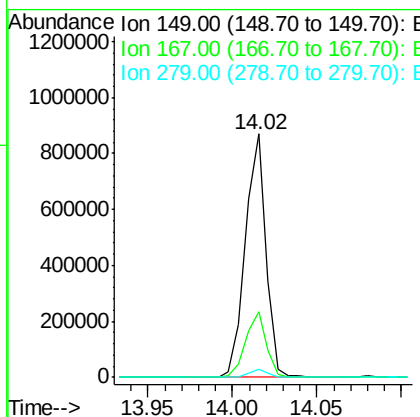
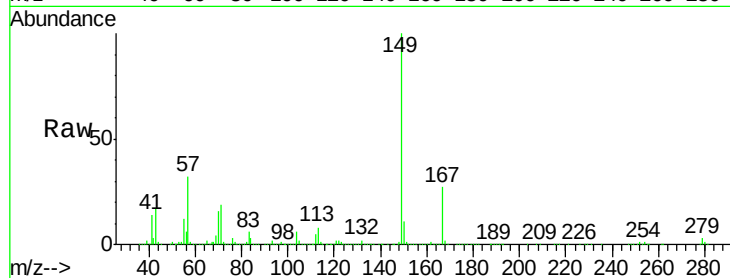
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.349 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.1	3.0	4.4

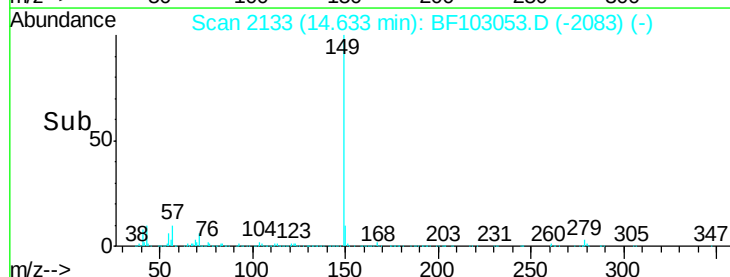
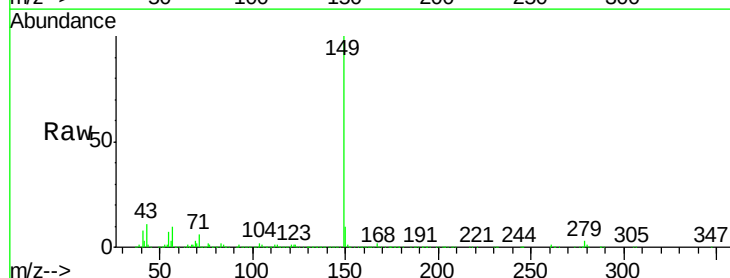
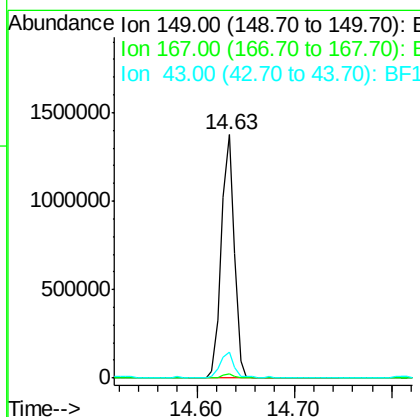
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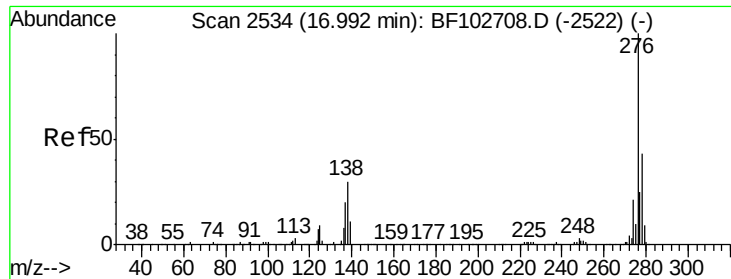
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 59.230 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.4	12.6





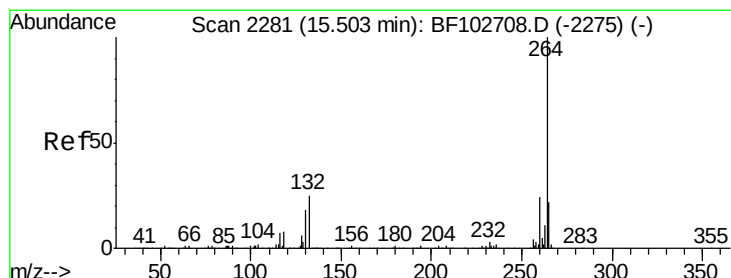
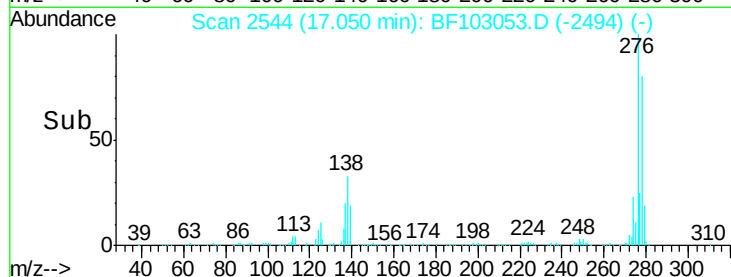
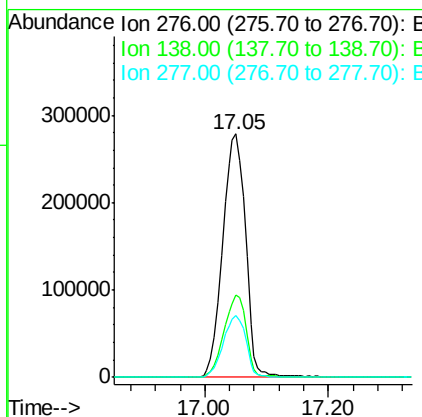
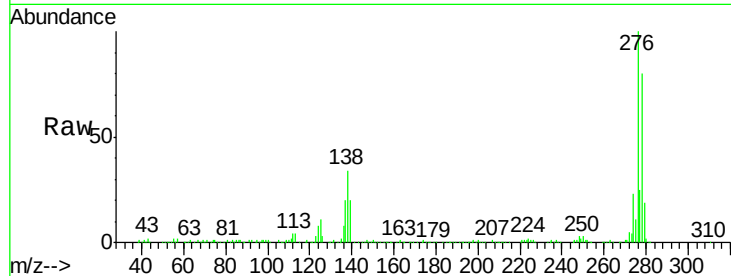
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.051 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.2	20.1	30.1

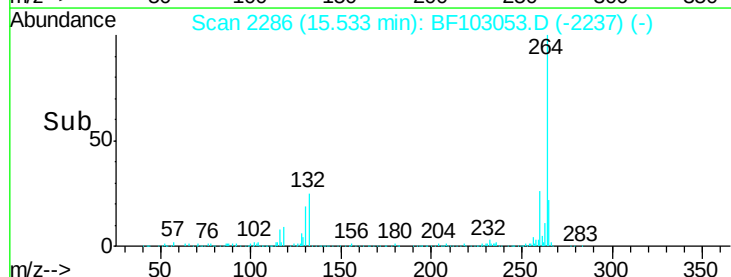
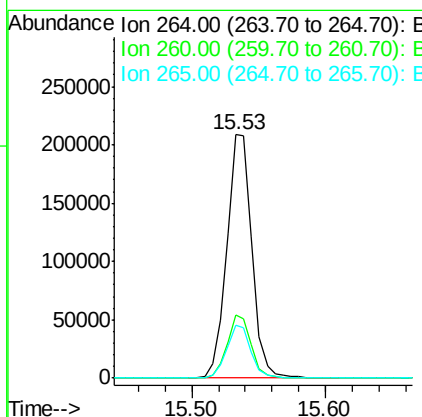
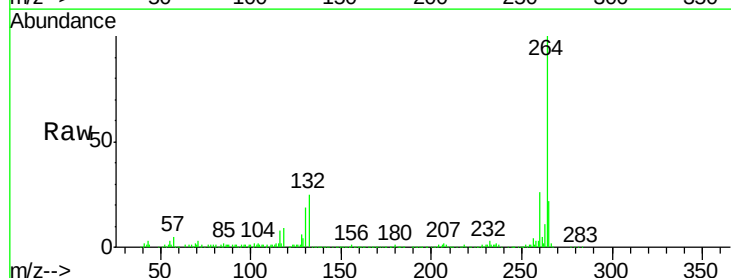
Manual Integrations
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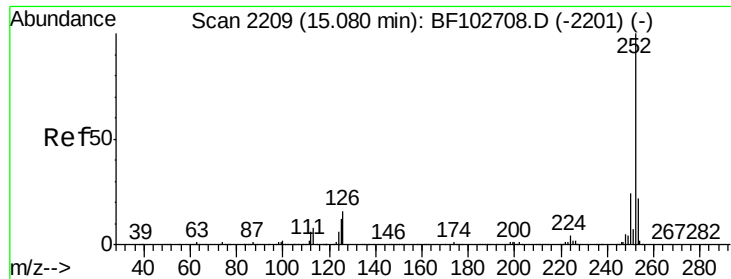
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	21.9	17.5	26.3





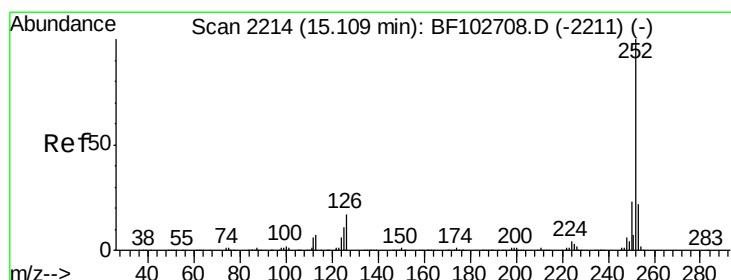
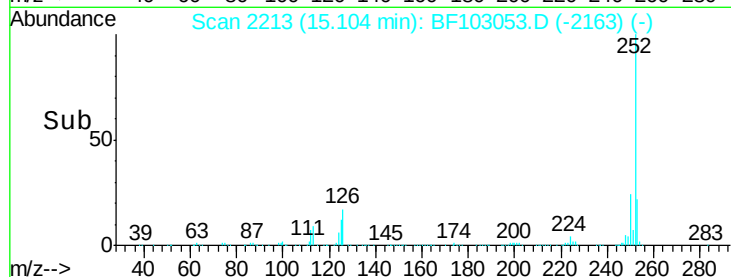
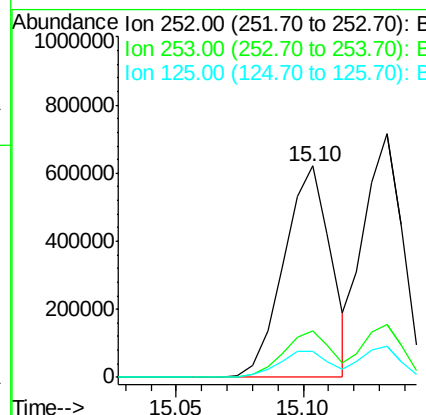
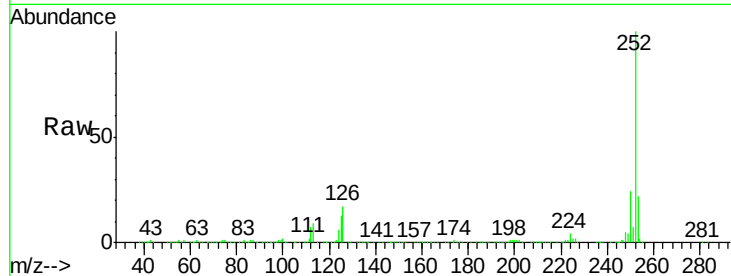
#87
Benzo(b)fluoranthene
Concen: 44.484 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.6	9.0	13.6

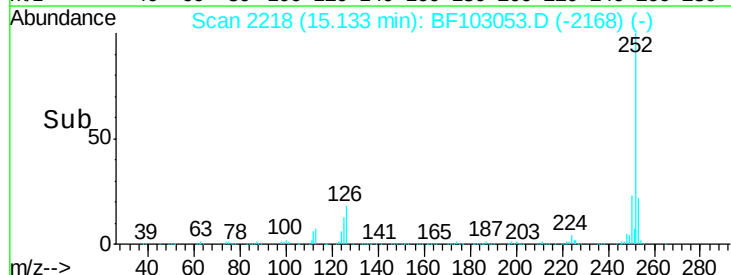
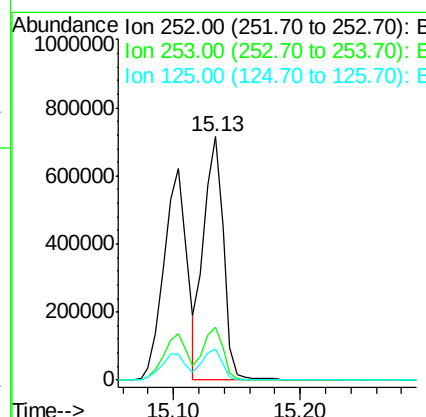
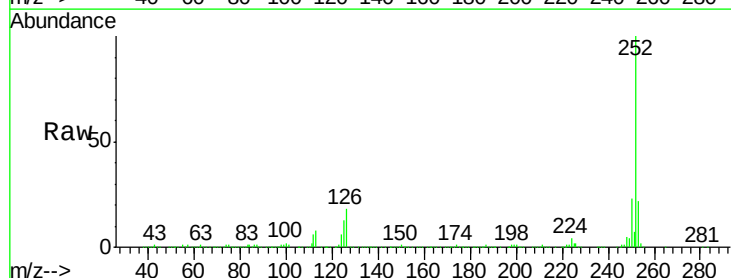
Manual Integrations
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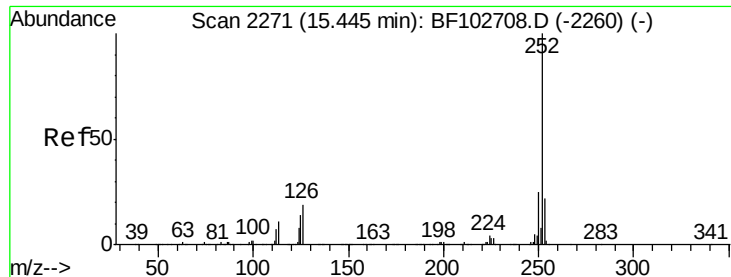
Sohil
2/27/2018 2:32:22 PM



#88
Benzo(k)fluoranthene
Concen: 45.049 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.7	10.2	15.2





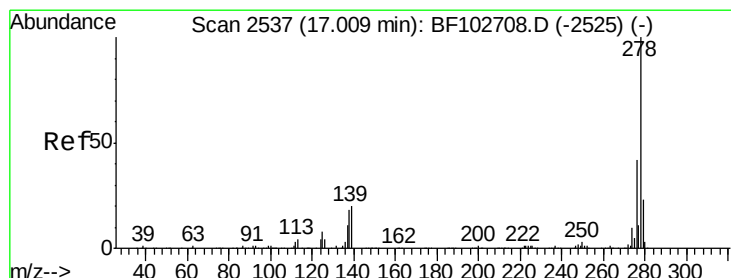
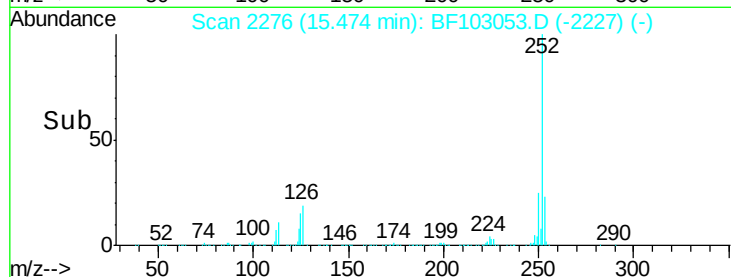
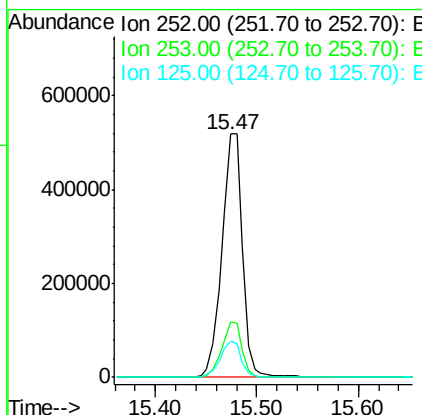
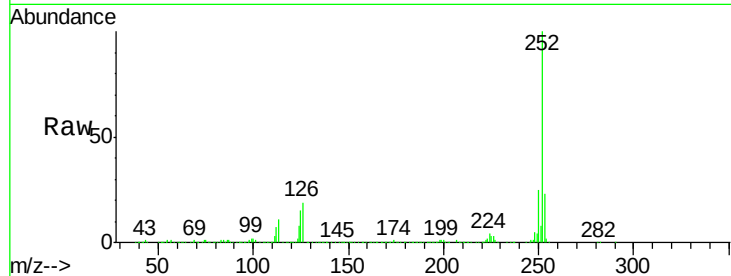
#89
Benzo(a)pyrene
Concen: 45.196 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.1	9.8	14.6

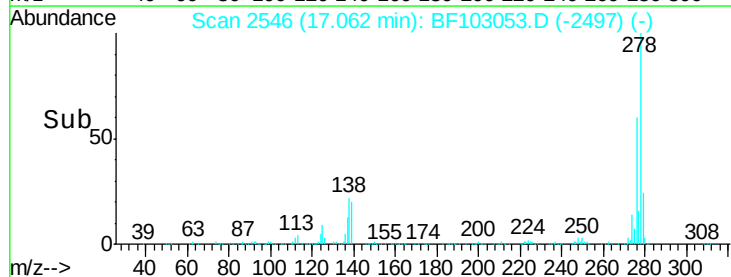
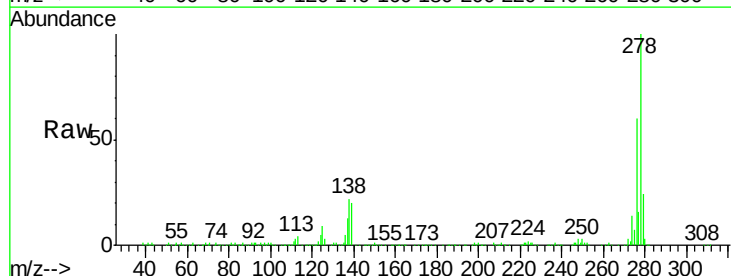
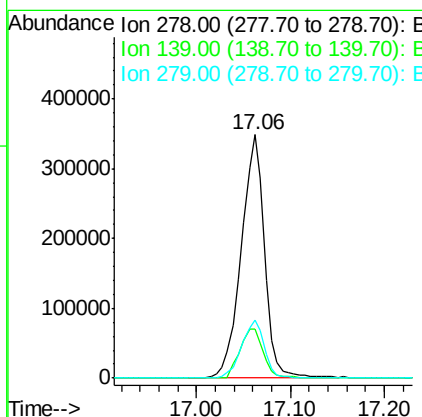
Manual Integrations
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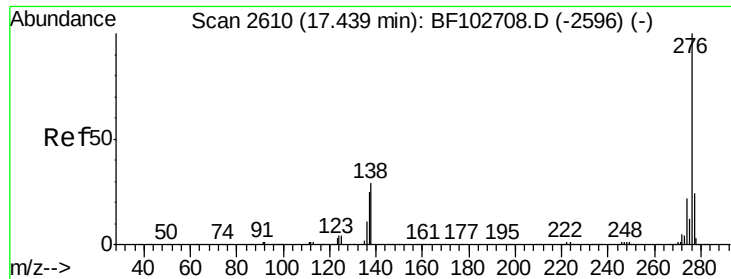
Sohil
2/27/2018 2:32:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.754 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103053.D
Acq: 16 Feb 2018 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.588 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF103053.D
 Acq: 16 Feb 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		597721		
277	23.9	17.9	26.9		
138	28.3	21.8	32.8		

Manual Integrations
 APPROVED

Sohil
 2/27/2018 2:32:22 PM

