

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102813.D
 Acq On : 7 Feb 2018 14:14
 Operator : SJ/JU
 Sample : J1458-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MSD

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:41:08 PM

Quant Time: Feb 08 02:30:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189583	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	807824	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	371578	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	669005	20.00	ng	0.00
75) Chrysene-d12	14.05	240	461942	20.00	ng	0.00
86) Perylene-d12	15.53	264	374007	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1620608	129.82	ng	0.02
7) Phenol-d6	6.52	99	1977450	131.56	ng	0.01
23) Nitrobenzene-d5	7.45	82	1273904	109.39	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	440543	147.30	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1930407	86.21	ng	0.00
78) Terphenyl-d14	13.00	244	1835270	94.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	258219	41.879	ng	# 86
3) Pyridine	3.49	79	753437	44.228	ng	89
4) n-Nitrosodimethylamine	3.44	42	370947	50.894	ng	97
6) Aniline	6.55	93	644819	29.049	ng	98
8) 2-Chlorophenol	6.67	128	632033	49.178	ng	94
9) Benzaldehyde	6.43	77	210659	18.872	ng	96
10) Phenol	6.53	94	915969	56.863	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	622335	46.429	ng	91
12) 1,3-Dichlorobenzene	6.82	146	646447	43.436	ng	98
13) 1,4-Dichlorobenzene	6.90	146	657559	44.354	ng	99
14) 1,2-Dichlorobenzene	7.06	146	600922	43.518	ng	97
15) Benzyl Alcohol	7.02	79	562952	48.714	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1131503	44.438	ng	98
17) 2-Methylphenol	7.13	107	559241	47.175	ng	99
18) Hexachloroethane	7.39	117	242307	47.663	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	441522	44.552	ng	95
20) 3+4-Methylphenols	7.29	107	635840	43.494	ng	# 81
22) Acetophenone	7.29	105	859071	43.457	ng	# 92
24) Nitrobenzene	7.47	77	687488	50.198	ng	97
25) Isophorone	7.70	82	1300392	48.496	ng	99
26) 2-Nitrophenol	7.78	139	367964	62.248	ng	96
27) 2,4-Dimethylphenol	7.82	122	589936	52.075	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	805538	50.712	ng	99
29) 2,4-Dichlorophenol	8.02	162	536072	52.054	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	517581	44.426	ng	98
31) Naphthalene	8.19	128	1755600	44.481	ng	99
32) Benzoic acid	7.86	122	20090m	10.951	ng	
33) 4-Chloroaniline	8.23	127	308061	18.118	ng	99
34) Hexachlorobutadiene	8.30	225	257182	43.079	ng	100
35) Caprolactam	8.61	113	198260m	55.434	ng	
36) 4-Chloro-3-methylphenol	8.72	107	611931	52.885	ng	99
37) 2-Methylnaphthalene	8.88	142	1186462	45.915	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	441195	43.607	ng	98
40) Hexachlorocyclopentadiene	9.03	237	442971	92.101	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	358708	53.978	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	381667	50.957	nq	99
45) 1,1'-Biphenyl	9.35	154	1360853	43.482	nq	99
46) 2-Chloronaphthalene	9.37	162	1104573	44.830	nq	100
47) 2-Nitroaniline	9.46	65	431805	56.157	nq	87
48) Acenaphthylene	9.79	152	1671728	43.684	nq	99
49) Dimethylphthalate	9.65	163	1507892	52.045	nq	99
50) 2,6-Dinitrotoluene	9.71	165	307093	55.712	nq	94
51) Acenaphthene	9.96	154	1062034	46.406	nq	100
52) 3-Nitroaniline	9.87	138	254992	37.596	nq	96
53) 2,4-Dinitrophenol	9.98	184	134415	75.521	nq	# 20
54) Dibenzofuran	10.13	168	1476281	45.773	nq	98
55) 4-Nitrophenol	10.04	139	575626	102.106	nq	93
56) 2,4-Dinitrotoluene	10.11	165	418617	56.074	nq	96
57) Fluorene	10.47	166	1090502	46.471	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	289127	55.695	nq	99
59) Diethylphthalate	10.35	149	1284561	44.902	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	478593	46.104	nq	99
61) 4-Nitroaniline	10.50	138	364661	56.486	nq	94
62) Azobenzene	10.62	77	1280928	44.820	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	186699	61.430	nq	89
65) n-Nitrosodiphenylamine	10.59	169	1036618	43.929	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	319426	45.137	nq	# 89
67) Hexachlorobenzene	11.02	284	338627	43.374	nq	92
68) Atrazine	11.11	200	334612	48.065	nq	98
69) Pentachlorophenol	11.22	266	376505	82.154	nq	98
70) Phenanthrene	11.44	178	1611877	43.261	nq	99
71) Anthracene	11.49	178	1668173	44.020	nq	99
72) Carbazole	11.65	167	1627996	43.850	nq	99
73) Di-n-butylphthalate	11.97	149	2000938	44.368	nq	100
74) Fluoranthene	12.63	202	1669215	44.528	nq	99
76) Benzidine	12.74	184	382959	18.038	nq	98
77) Pyrene	12.86	202	1693559	46.753	nq	100
79) Butylbenzylphthalate	13.47	149	878656	50.652	nq	95
80) Benzo(a)anthracene	14.04	228	1360842	46.842	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	342904	31.834	nq	97
82) Chrysene	14.08	228	1311538	44.784	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1105550	49.822	nq	99
84) Di-n-octyl phthalate	14.64	149	1716339	51.512	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1086473	44.731	nq	99
87) Benzo(b)fluoranthene	15.10	252	1146890	47.298	nq	97
88) Benzo(k)fluoranthene	15.13	252	1122949	48.468	nq	99
89) Benzo(a)pyrene	15.47	252	1054212	48.300	nq	# 97
90) Dibenzo(a,h)anthracene	17.05	278	891052	50.297	nq	99
91) Benzo(g,h,i)perylene	17.49	276	939257	54.167	nq	97

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

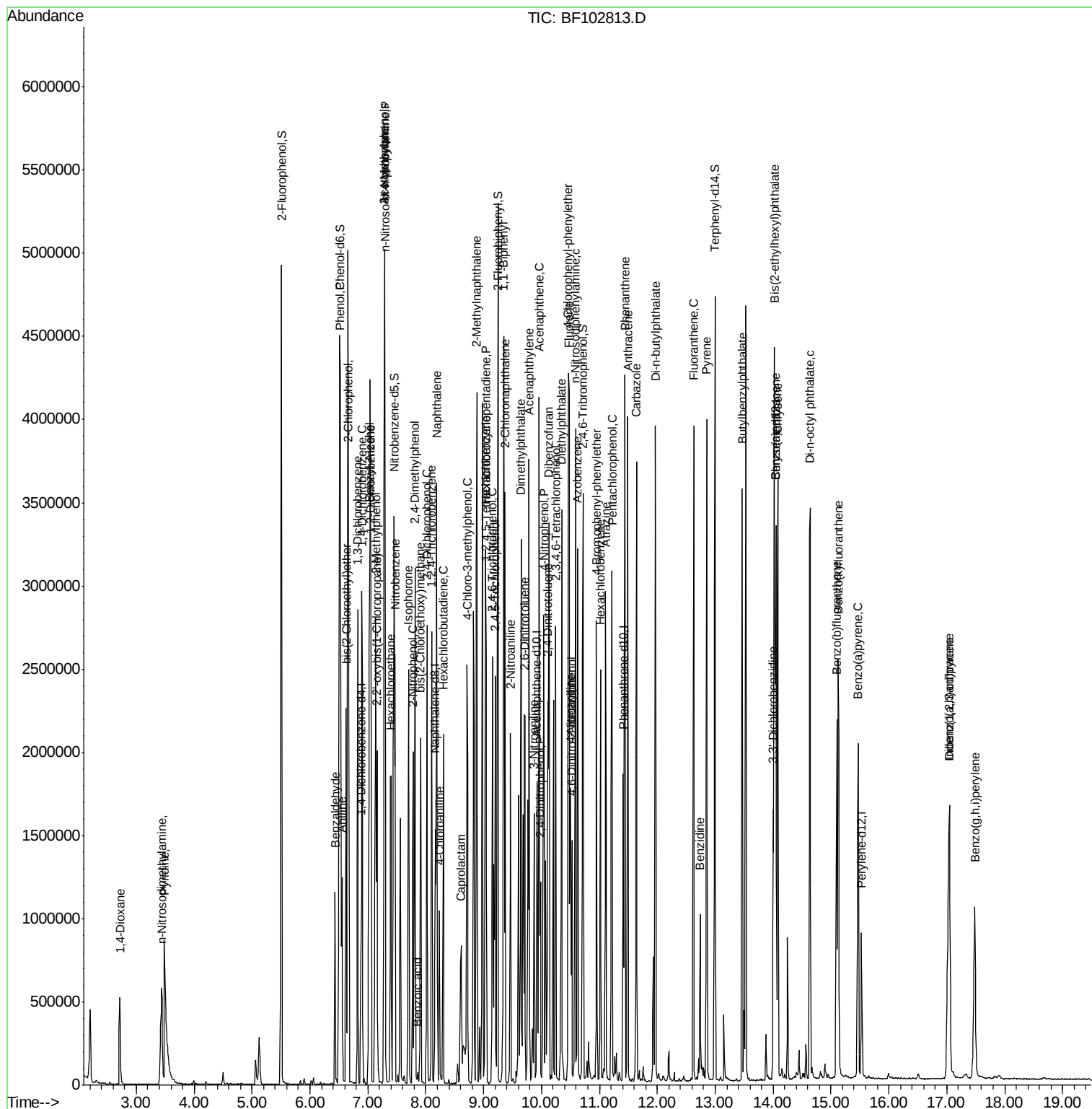
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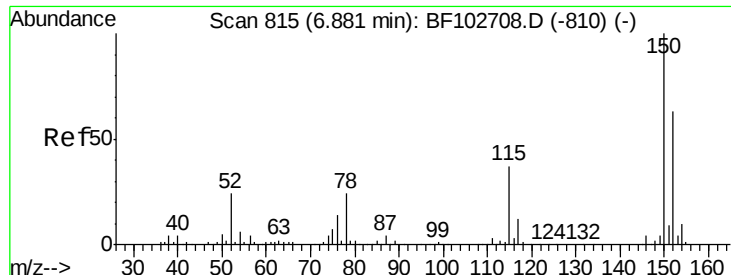
Instrument :
BNA_F
ClientSampled :
SB-01MSD

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#1

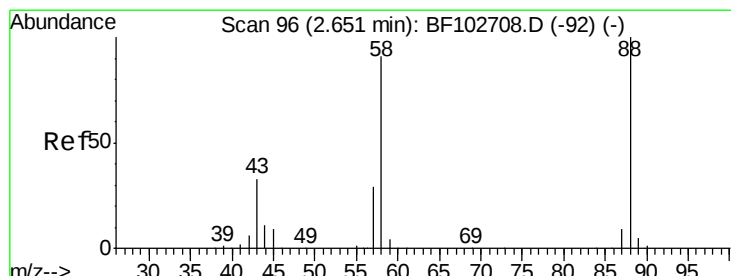
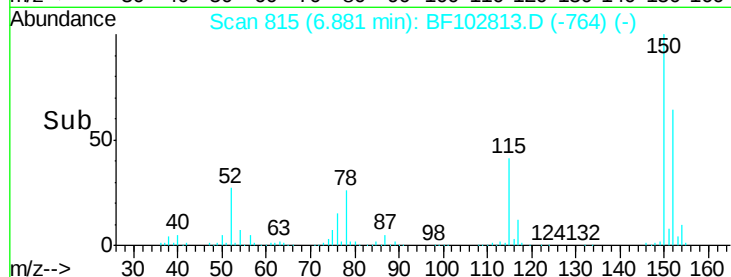
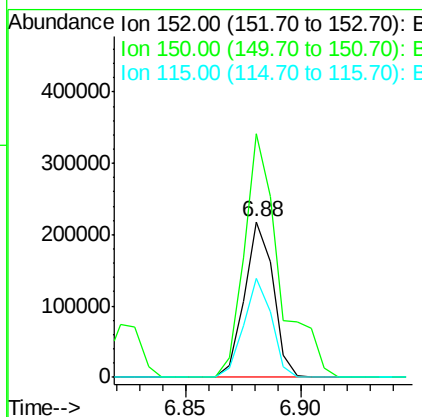
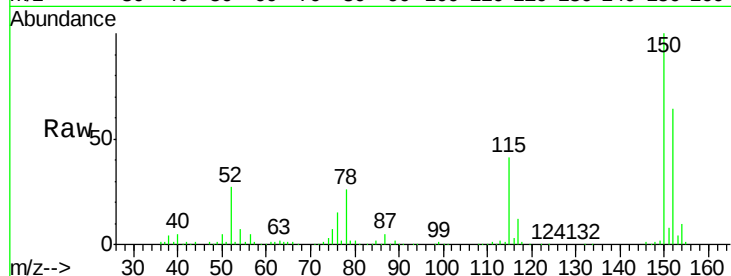
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.0	50.1	75.1

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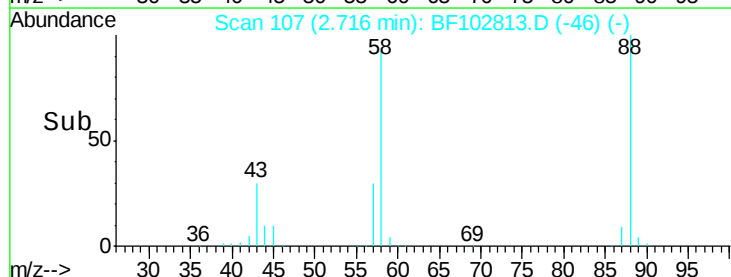
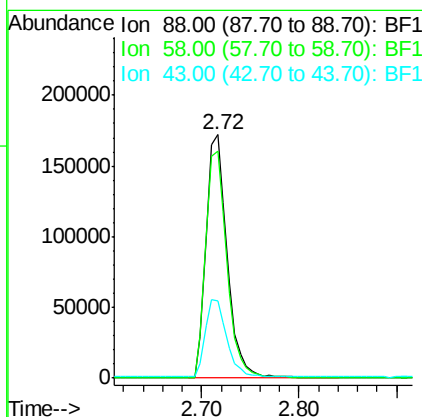
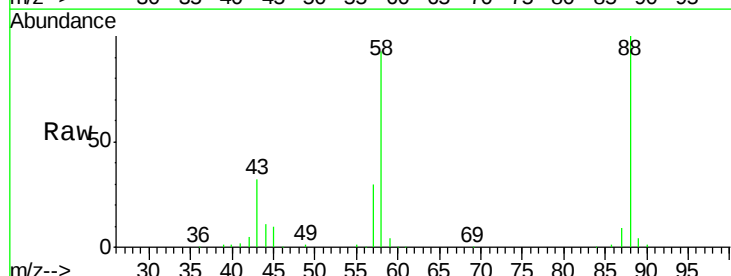
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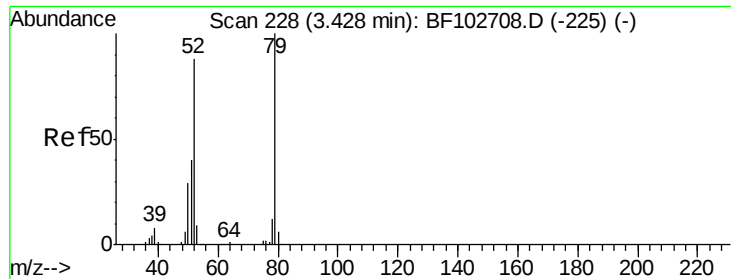


#2

1,4-Dioxane
Concen: 41.879 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	62.6	93.8#
43	31.7	24.6	37.0





#3

Pvridine

Concen: 44.228 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

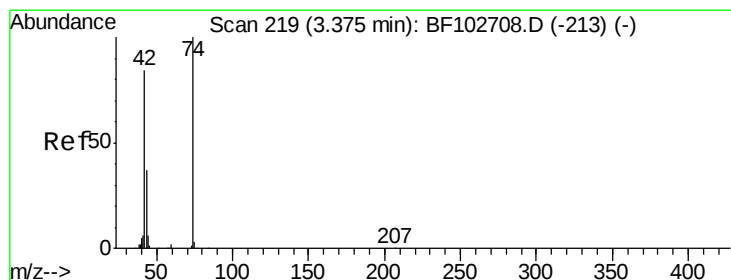
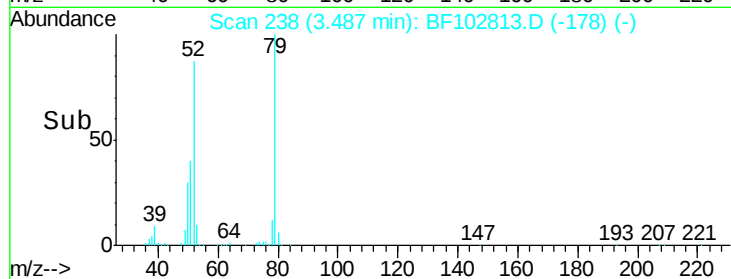
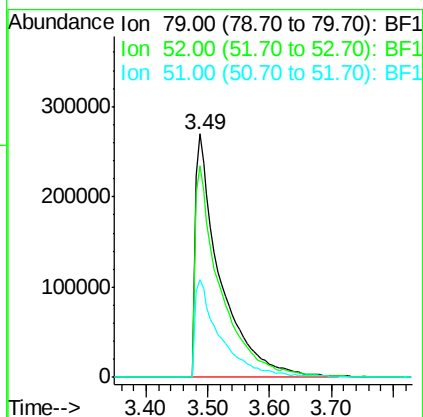
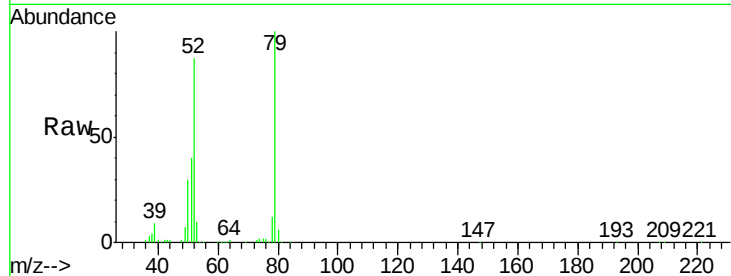
ClientSampleId :

SB-01MSD

Tot Ion:	79	Resp:	753437
Ion Ratio	Lower	Upper	
79	100		
52	87.1	59.8	89.6
51	40.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 50.894 ng

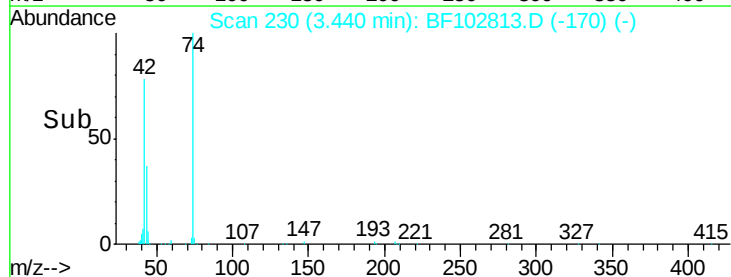
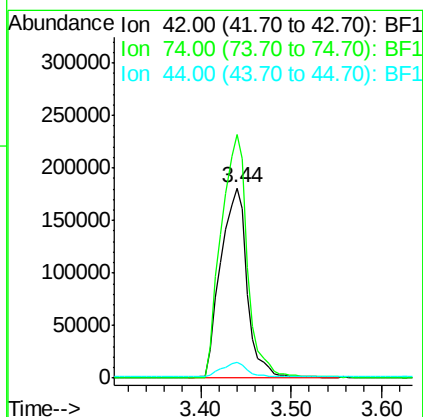
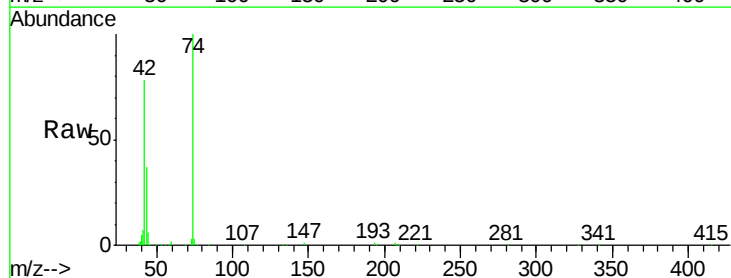
RT: 3.44 min Scan# 230

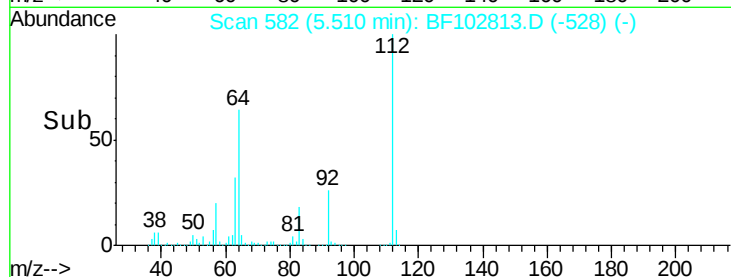
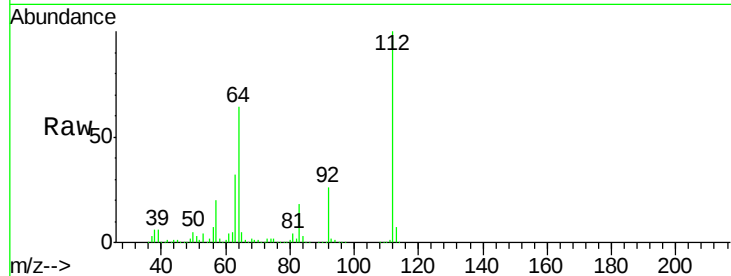
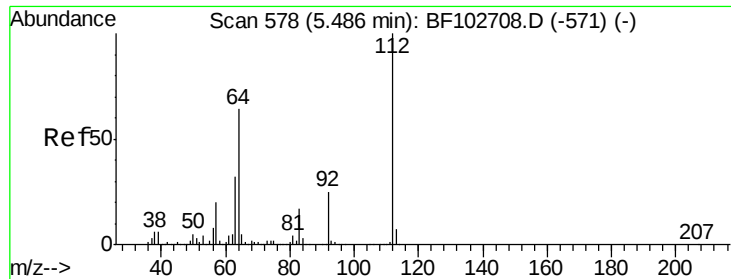
Delta R.T. 0.05 min

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Tgt Ion:	42	Resp:	370947
Ion Ratio	Lower	Upper	
42	100		
74	128.1	104.9	157.3
44	8.0	6.9	10.3





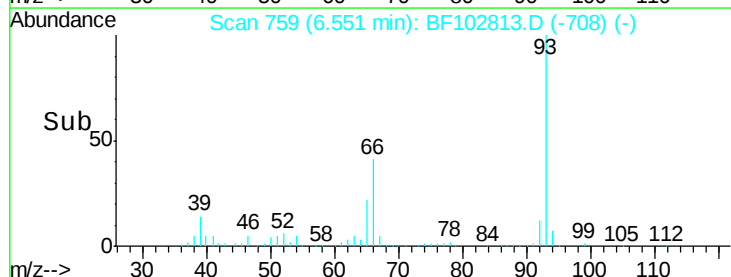
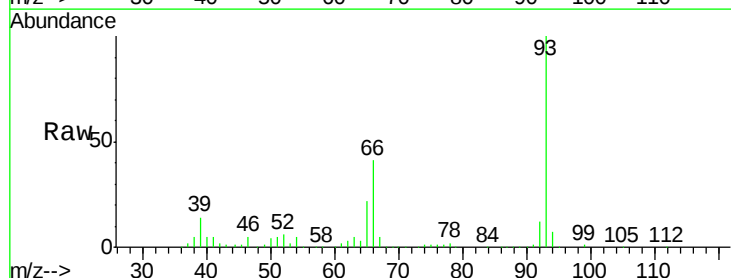
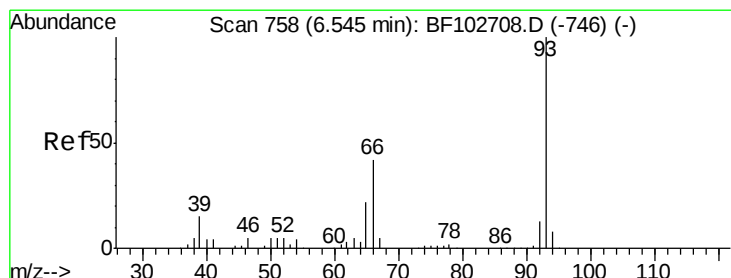
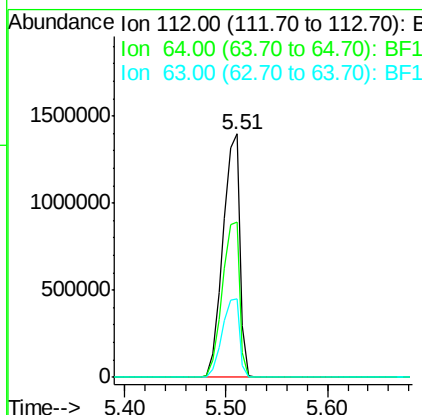
#5
2-Fluorophenol
Concen: 129.820 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tot Ion: 112 Resp: 1620608
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.4 23.7 35.5

Instrument :
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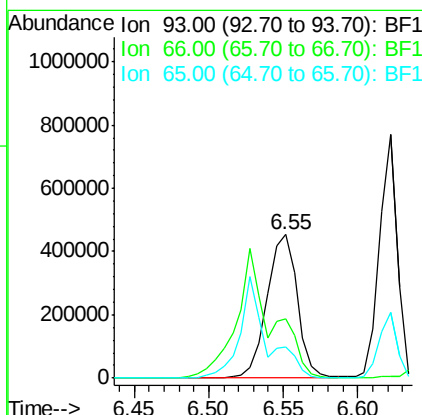
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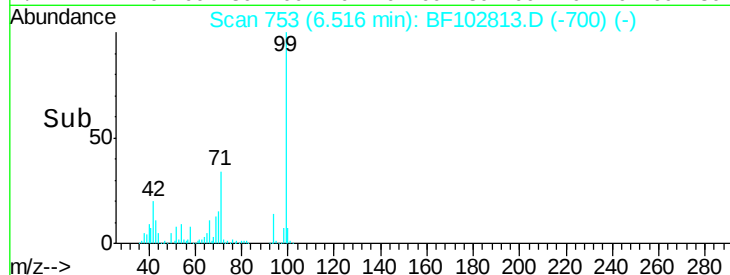
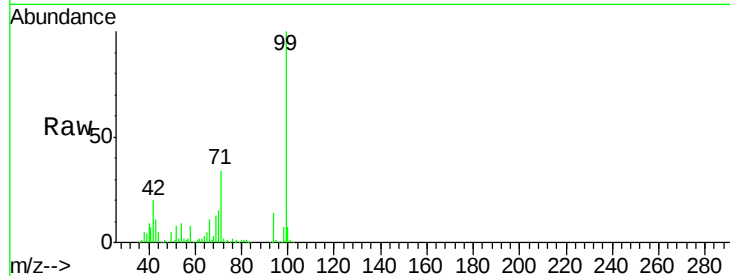
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#6
Aniline
Concen: 29.049 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 93 Resp: 644819
Ion Ratio Lower Upper
93 100
66 40.9 32.2 48.2
65 21.7 16.4 24.6





#7

Phenol-d6

Concen: 131.558 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tot Ion:	99	Resp:	1977450
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.7	25.4	38.0

Instrument :

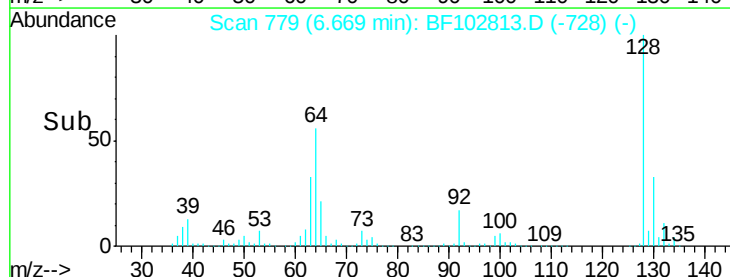
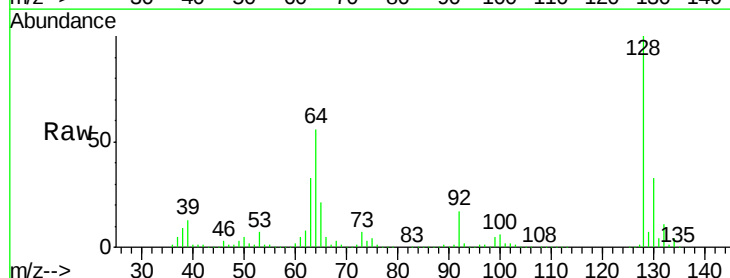
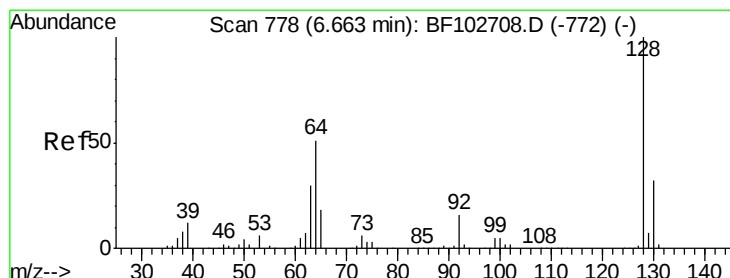
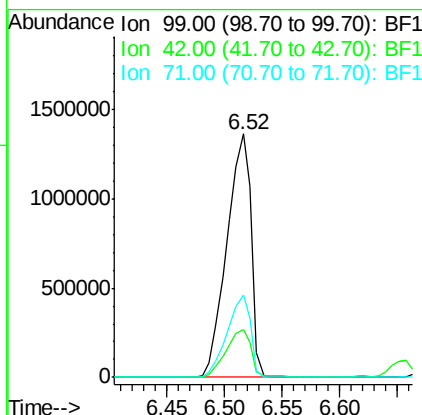
BNA_F

ClientSampleId :

SB-01MSD

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#8

2-Chlorophenol

Concen: 49.178 ng

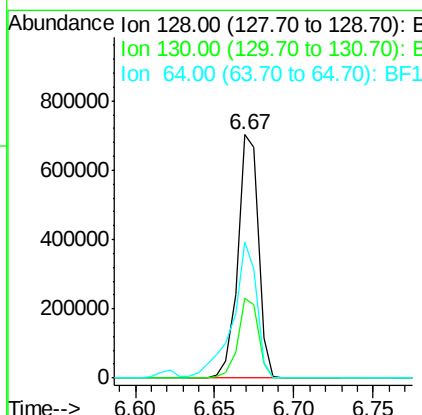
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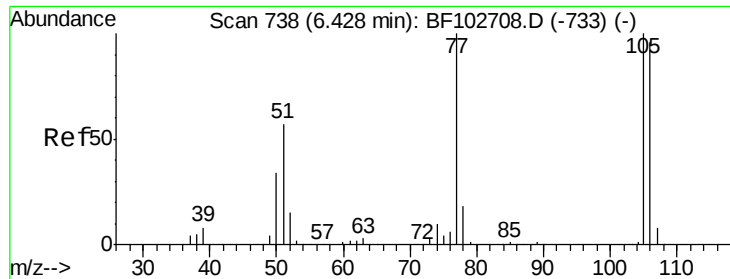
Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:	128	Resp:	632033
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	55.9	29.4	69.4





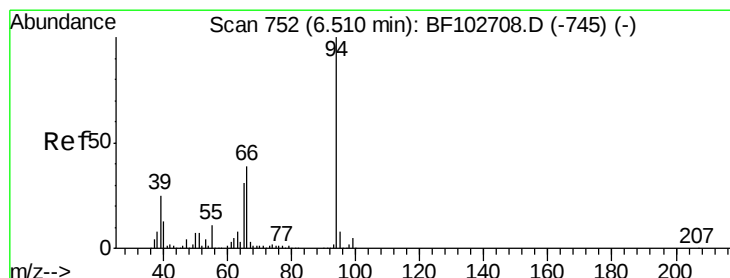
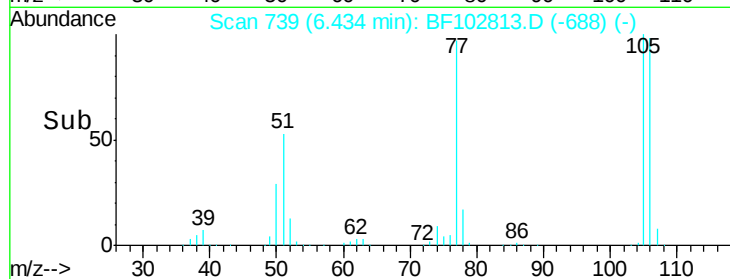
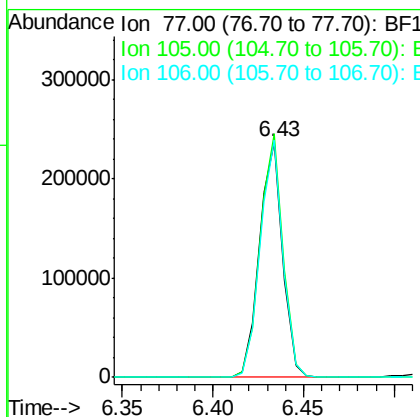
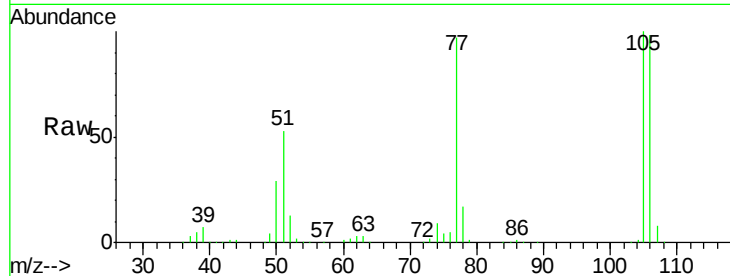
#9
Benzaldehyde
Concen: 18.872 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF102813.D
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Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.5	81.1	121.1		
106	101.0	74.5	114.5		

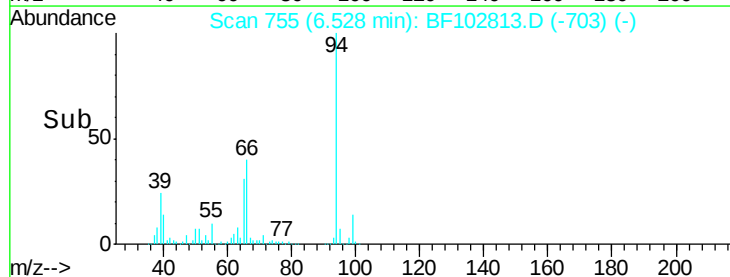
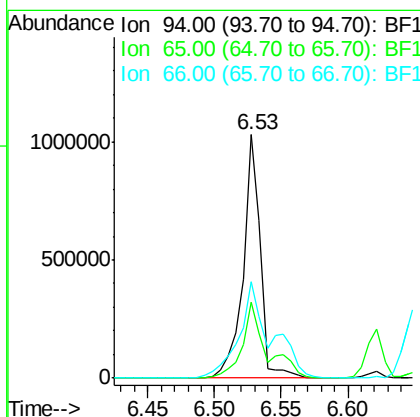
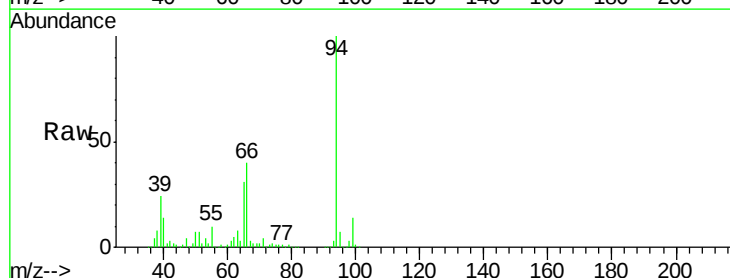
Manual Integrations
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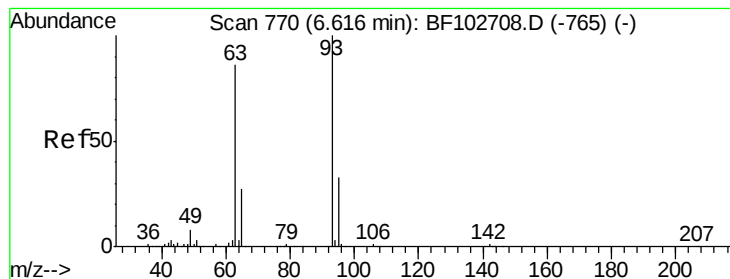
Sohil
2/8/2018 1:41:08 PM



#10
Phenol
Concen: 56.863 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.2	7.9	47.9		
66	39.8	16.2	56.2		





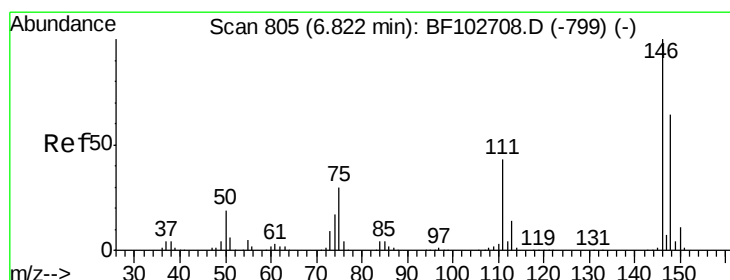
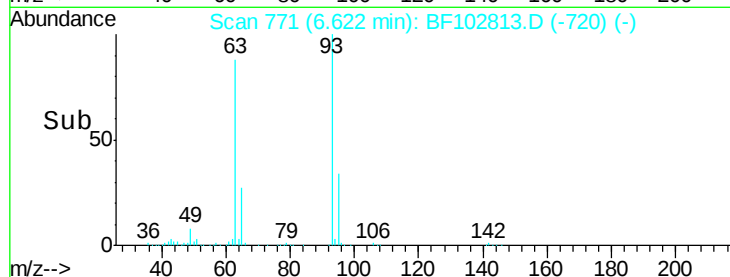
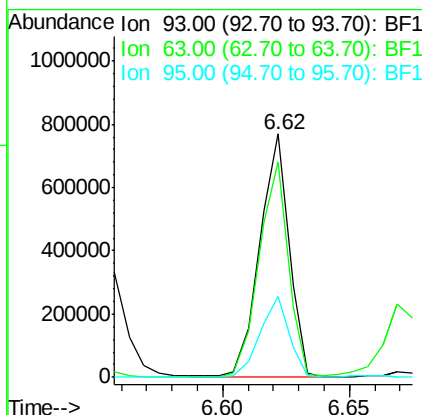
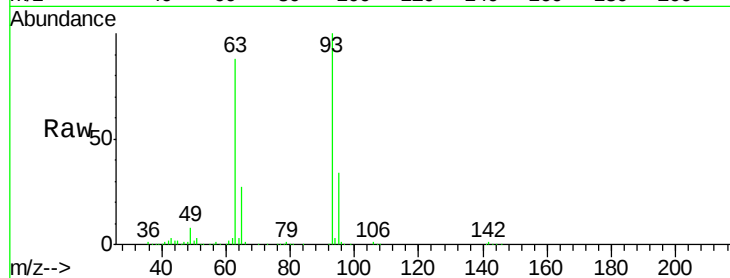
#11
bis(2-Chloroethyl)ether
Concen: 46.429 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	58.6	98.6
95	33.5	11.8	51.8

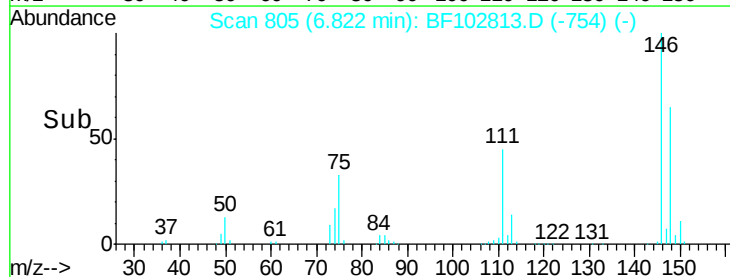
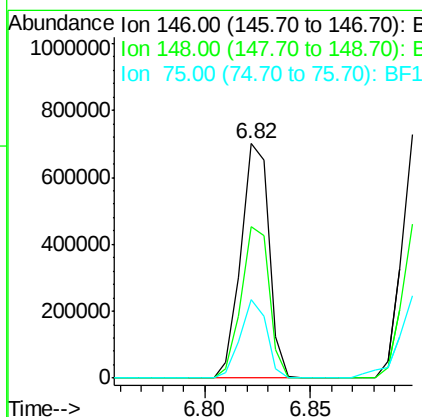
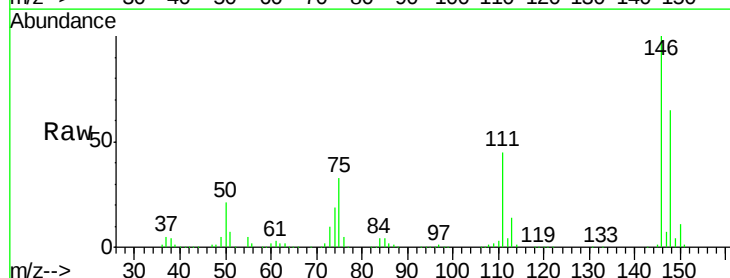
Manual Integrations
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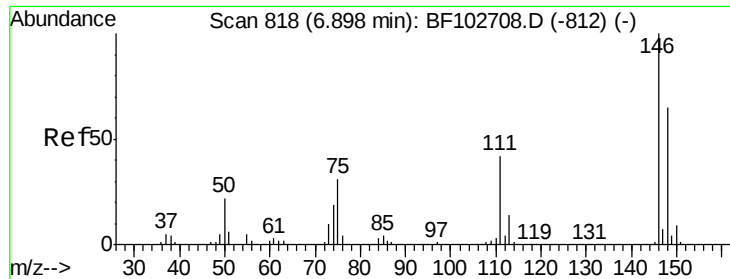
Sohil
2/8/2018 1:41:08 PM



#12
1,3-Dichlorobenzene
Concen: 43.436 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	33.3	24.2	36.4





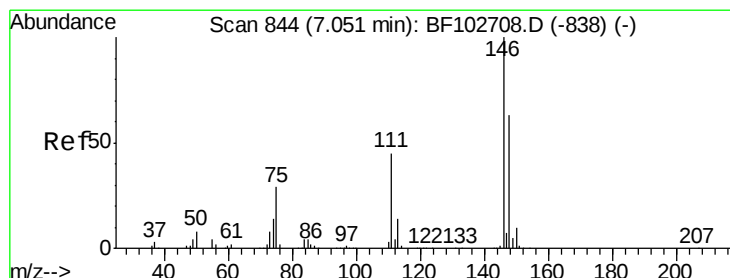
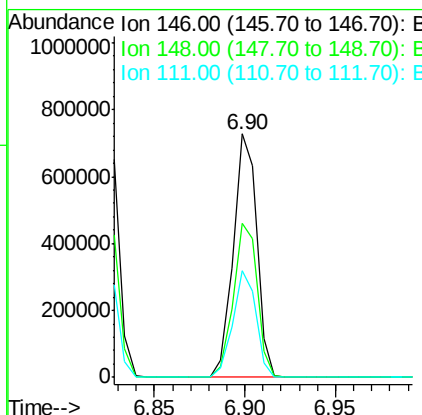
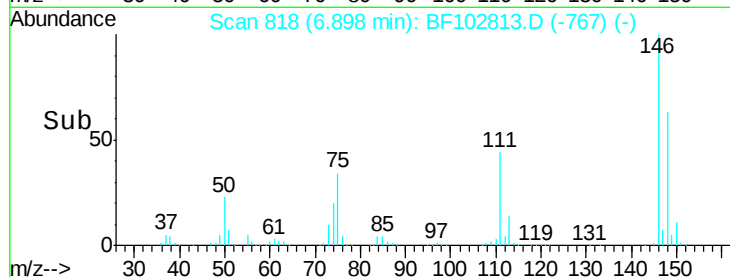
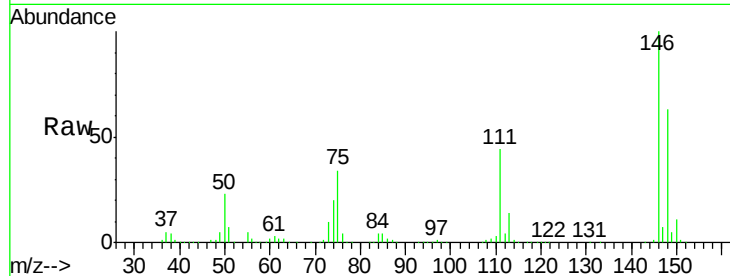
#13
 1,4-Dichlorobenzene
 Concen: 44.354 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :
 SB-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	43.7	34.2	51.2

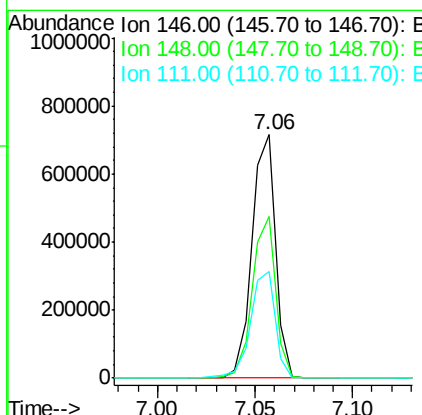
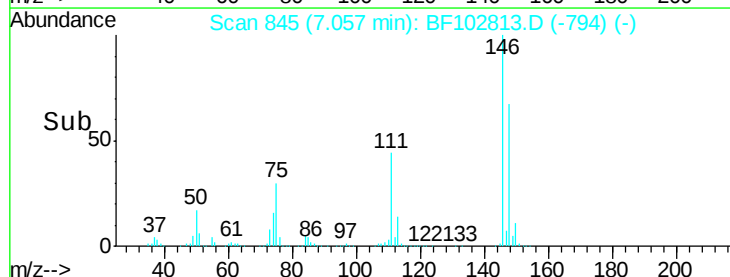
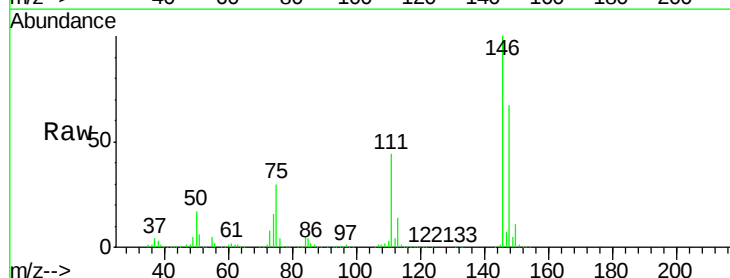
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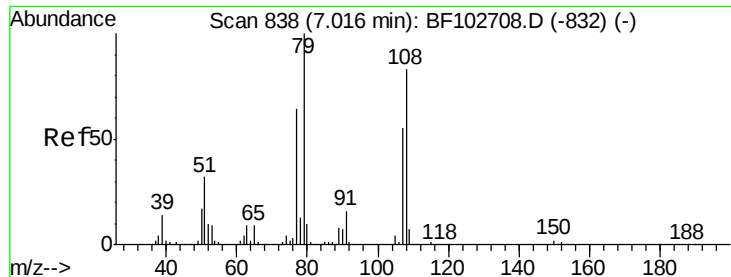
Sohil
 2/8/2018 1:41:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.518 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.6	75.8
111	43.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 48.714 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

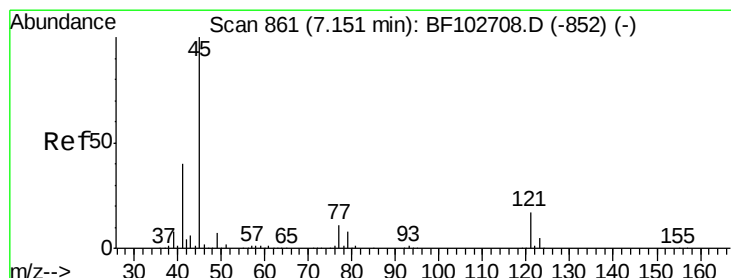
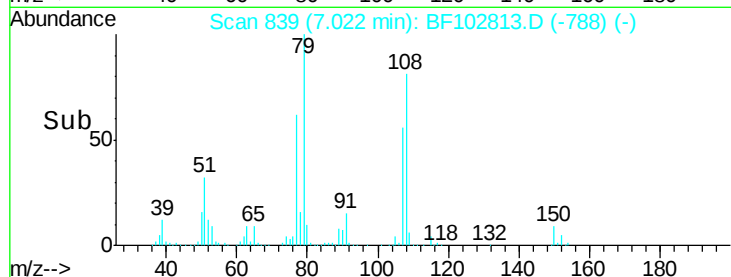
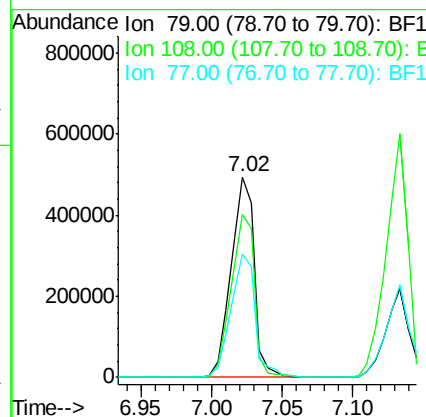
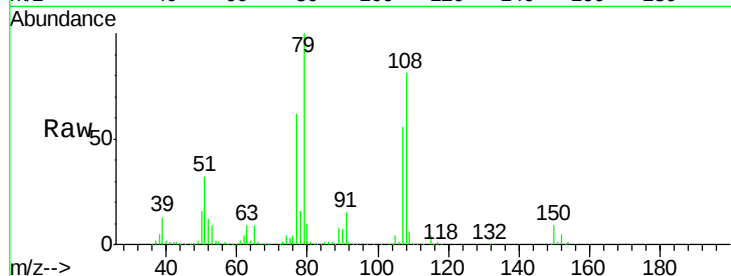
ClientSampleId :

SB-01MSD

Tot Ion:	79	Resp:	562952
Ion	Ratio	Lower	Upper
79	100		
108	81.5	65.1	97.7
77	61.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.438 ng

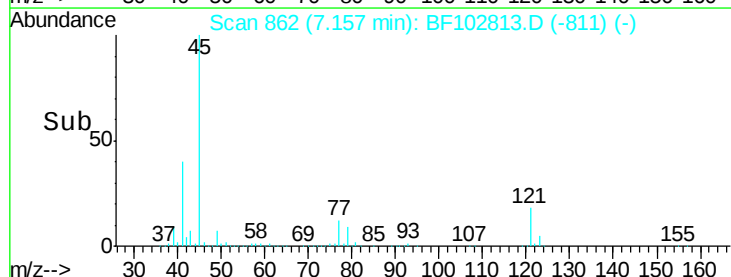
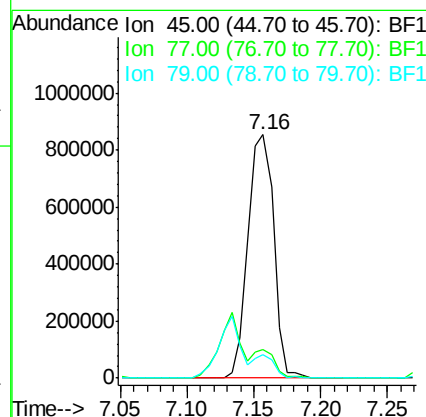
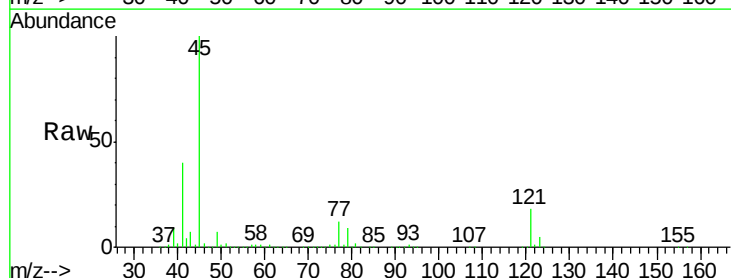
RT: 7.16 min Scan# 862

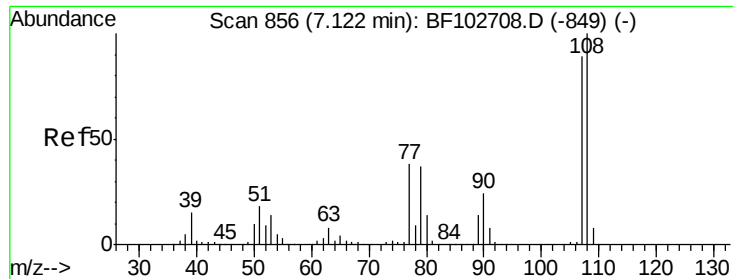
Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:	45	Resp:	1131503
Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.9
79	9.4	0.0	29.6





#17

2-Methylphenol

Concen: 47.175 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

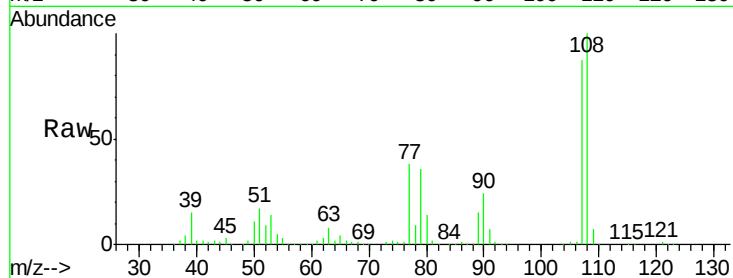
ClientSampleId :

SB-01MSD

Tot Ion:	107	Resp:	559241
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.7	137.5
77	43.5	33.8	50.8
79	41.8	33.8	50.8

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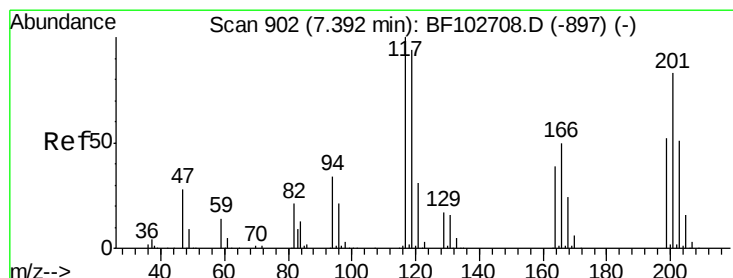
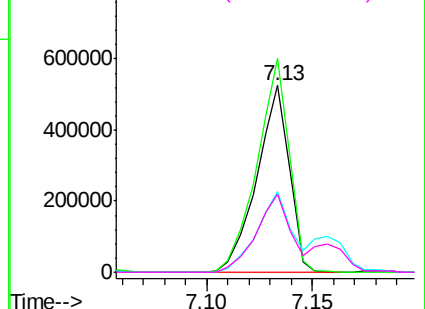
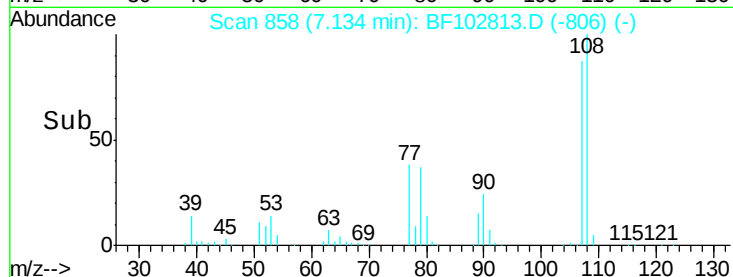


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 47.663 ng

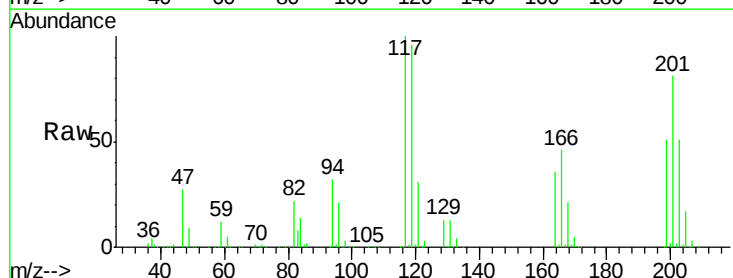
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

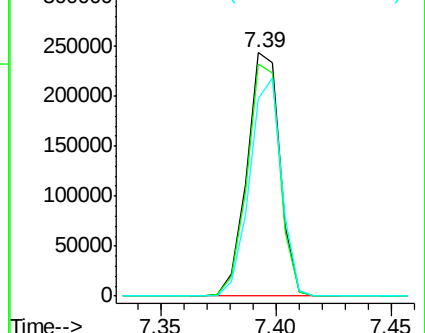
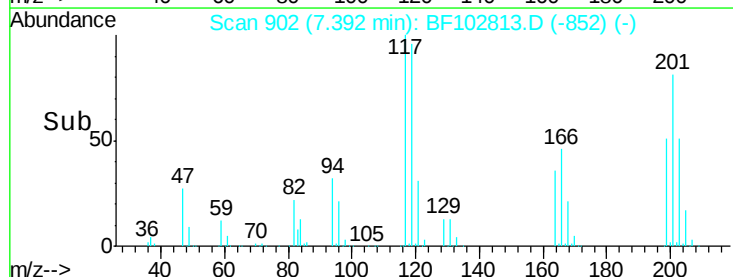
Tgt Ion:	117	Resp:	242307
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.8
201	81.2	75.7	113.5

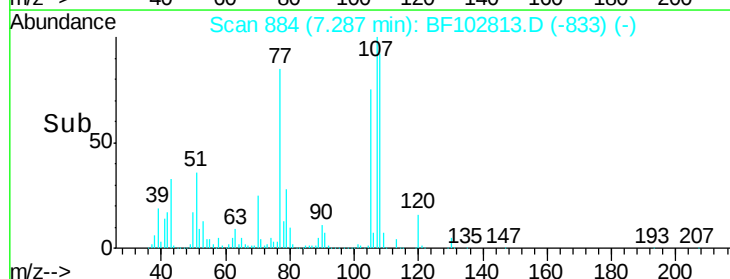
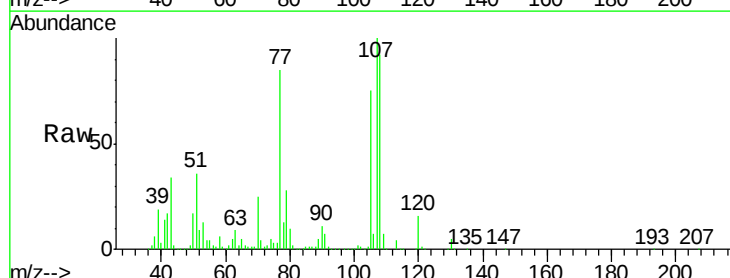
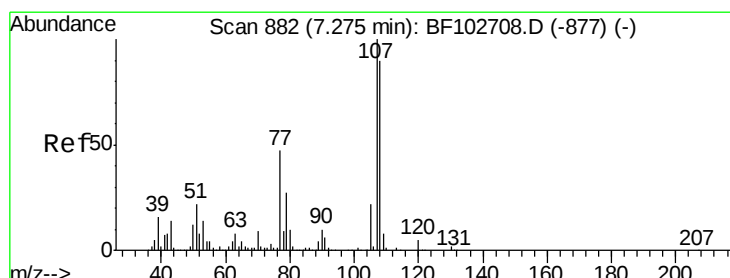
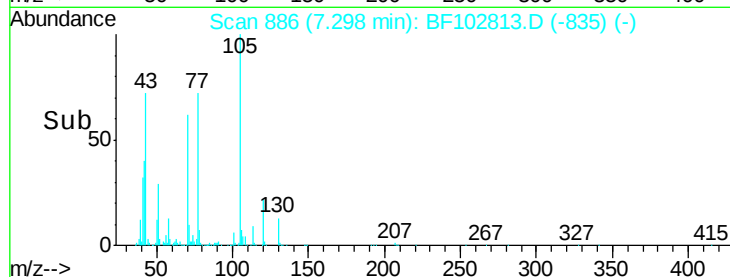
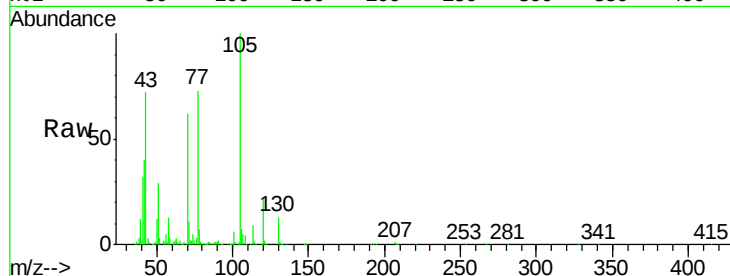
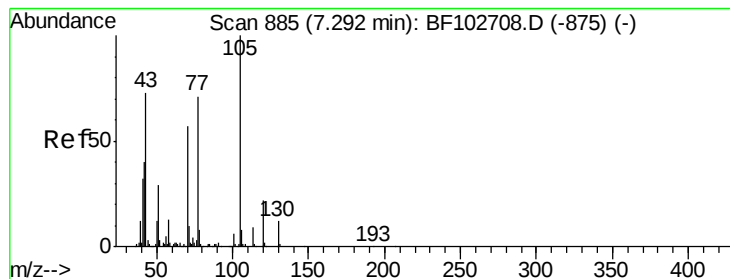


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.552 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion: 70 Resp: 441522

Ion Ratio Lower Upper

70 100

42 65.0 47.5 71.3

101 9.9 7.4 11.2

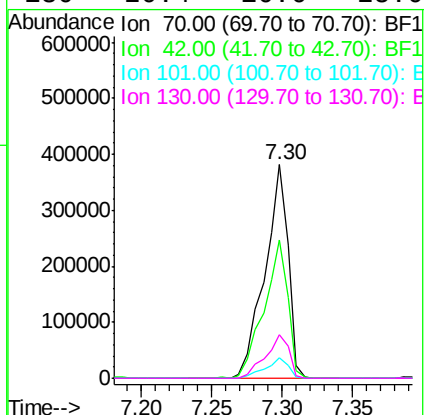
130 20.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 43.494 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:107 Resp: 635840

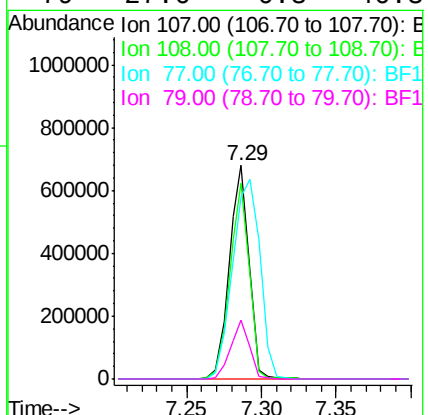
Ion Ratio Lower Upper

107 100

108 91.8 68.2 108.2

77 85.3 26.7 66.7#

79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

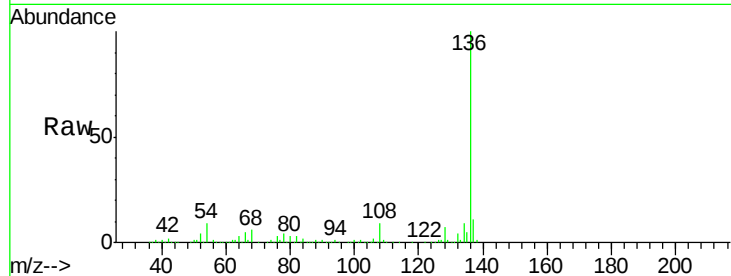
ClientSampleId :

SB-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4

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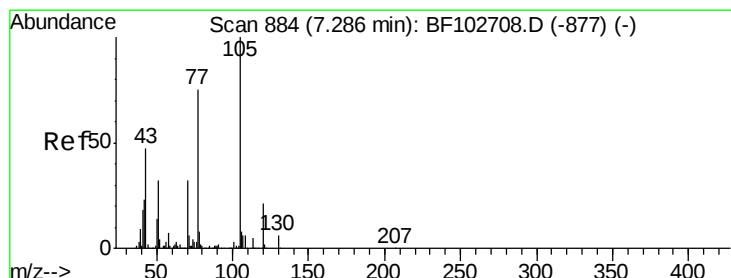
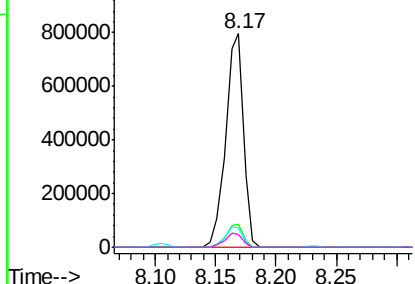
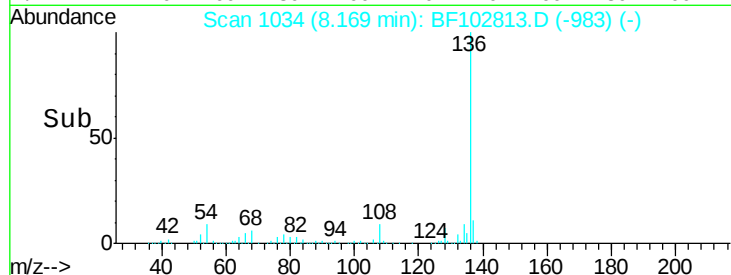


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.457 ng

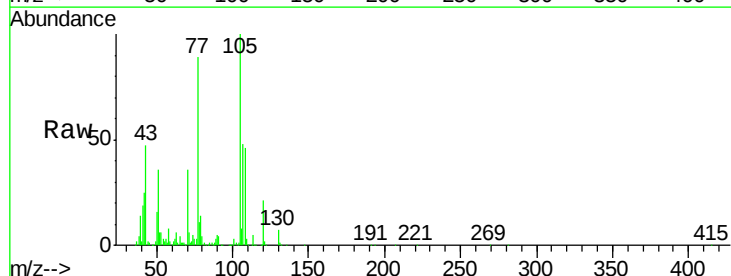
RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	35.6	22.3	33.5#
120	21.0	16.9	25.3

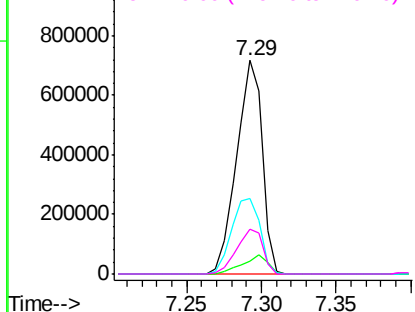
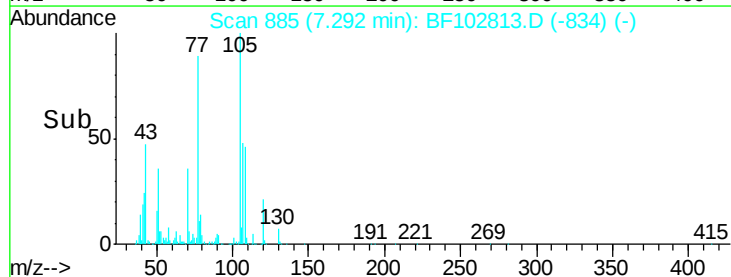


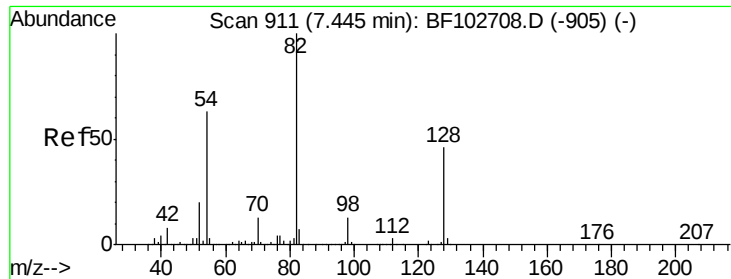
Abundance Ion 105.00 (104.70 to 105.70): E

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





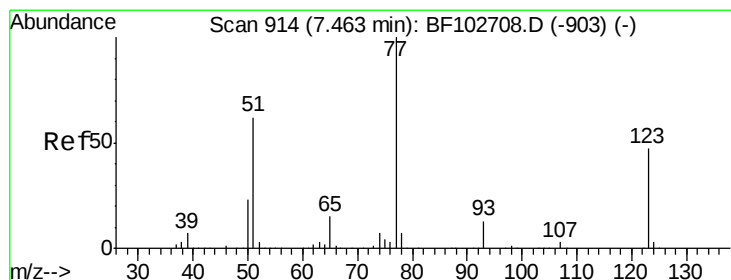
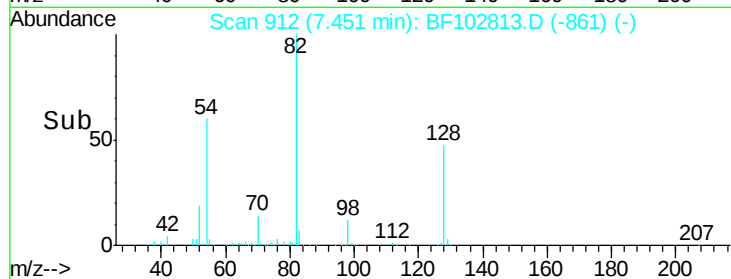
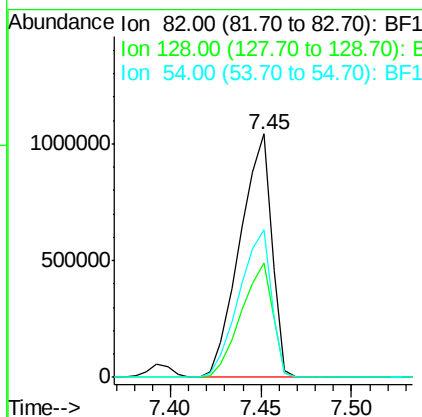
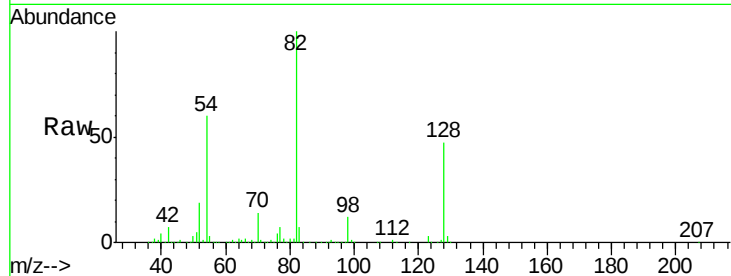
#23
Nitrobenzene-d5
Concen: 109.394 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	60.4	41.4	62.2

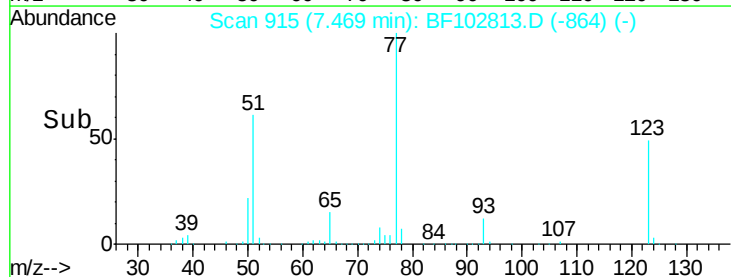
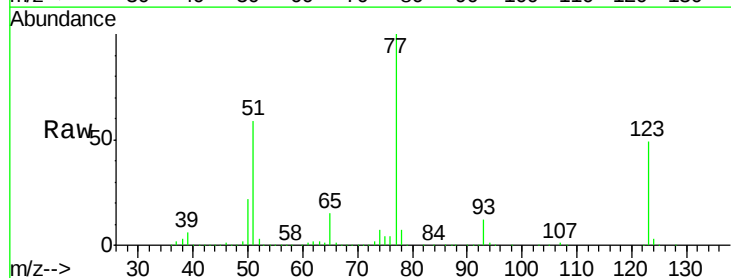
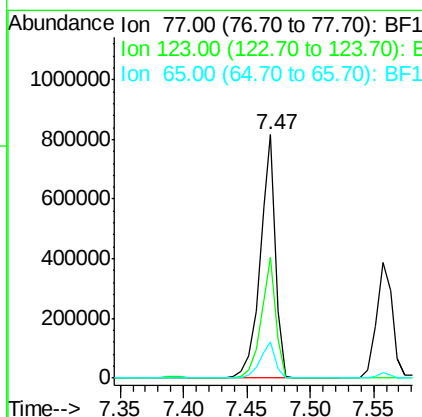
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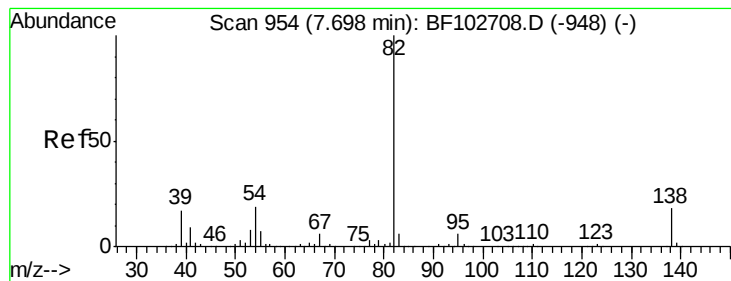
Sohil
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#24
Nitrobenzene
Concen: 50.198 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 48.496 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion: 82 Resp: 1300392

Ion Ratio Lower Upper

82 100

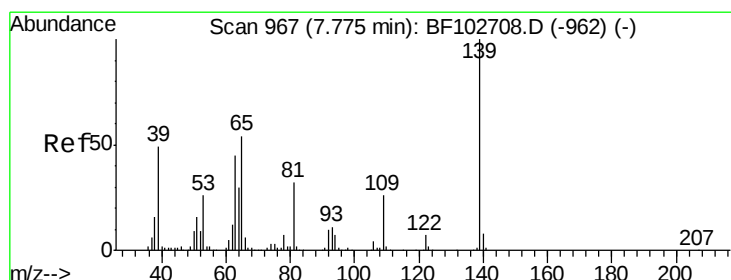
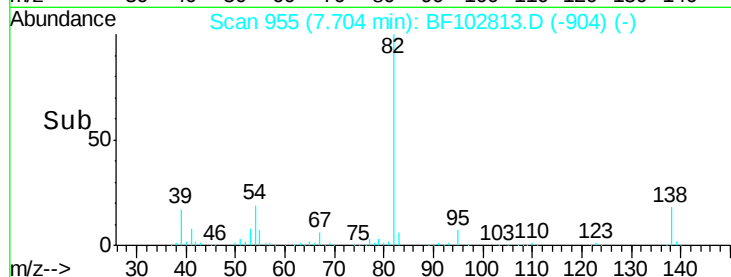
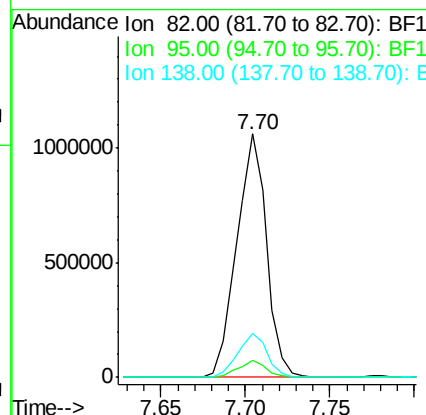
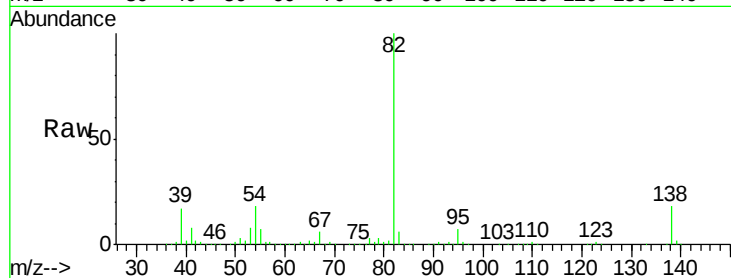
95 6.8 5.2 7.8

138 18.2 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 62.248 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

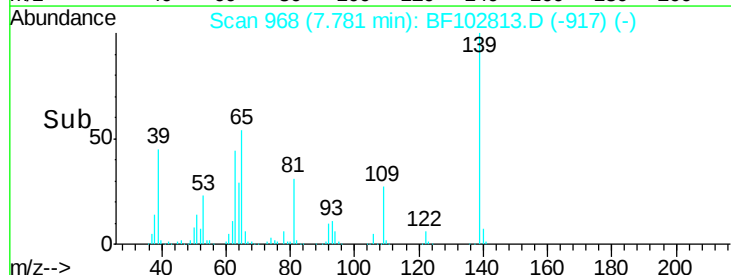
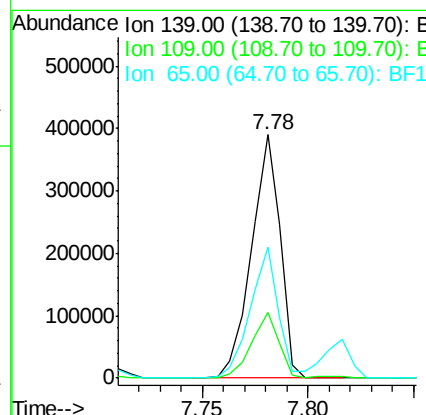
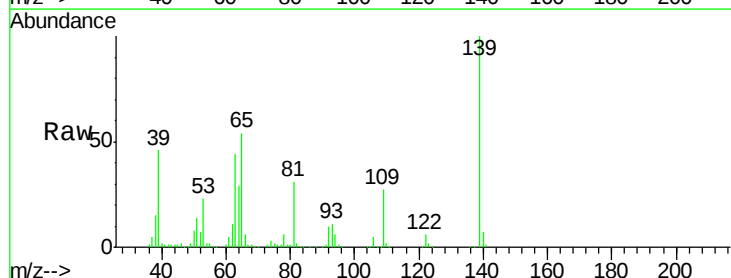
Tgt Ion: 139 Resp: 367964

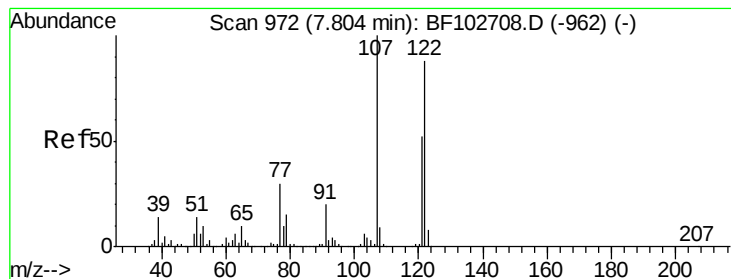
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 53.8 40.5 60.7





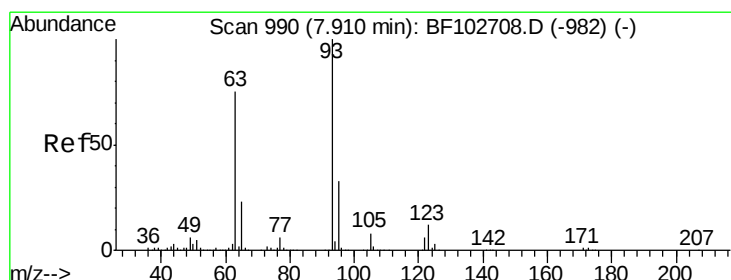
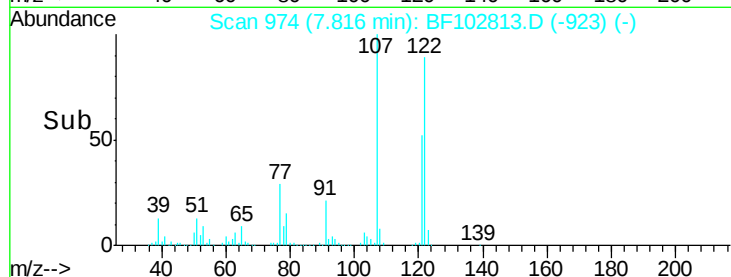
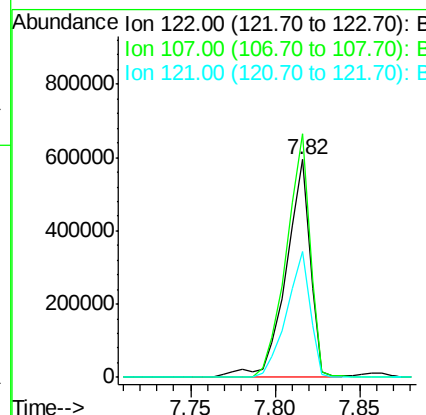
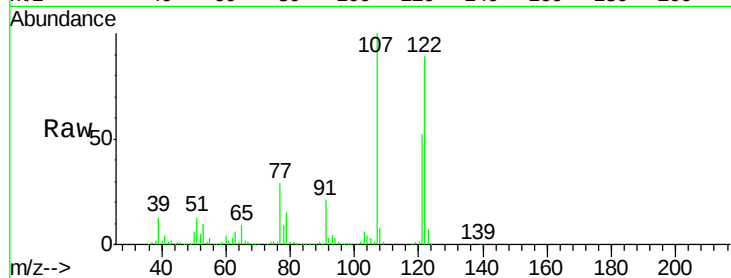
#27
 2,4-Dimethylphenol
 Concen: 52.075 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	57.8	47.2	70.8

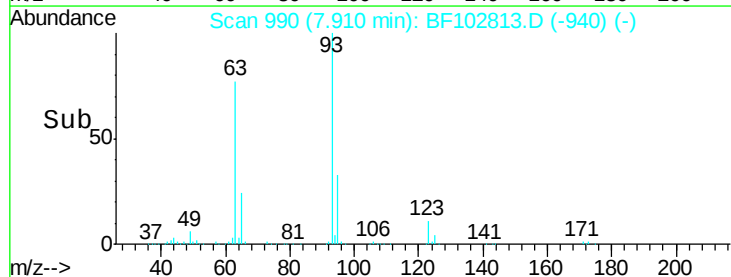
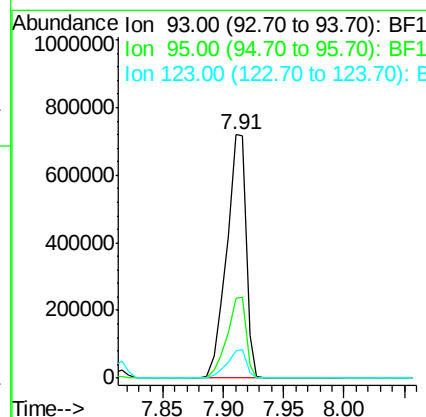
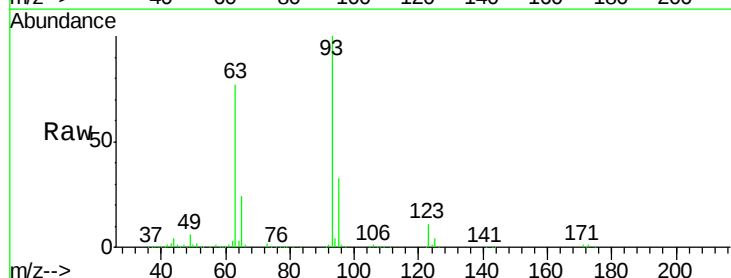
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.712 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6





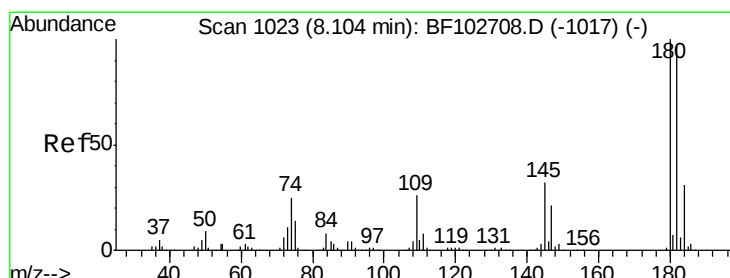
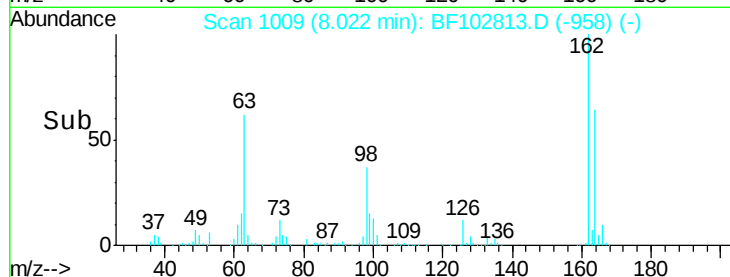
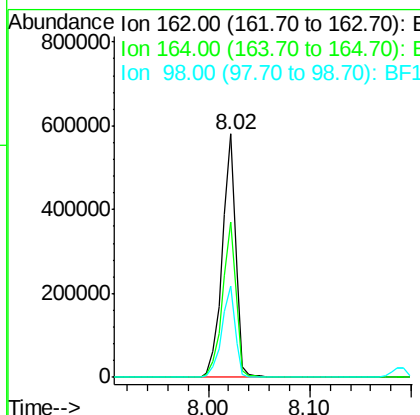
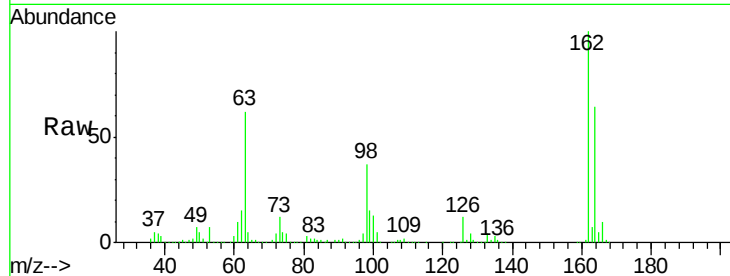
#29
 2,4-Dichlorophenol
 Concen: 52.054 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MSD

Tot Ion:	162	Resp:	536072
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	37.3	18.1	58.1

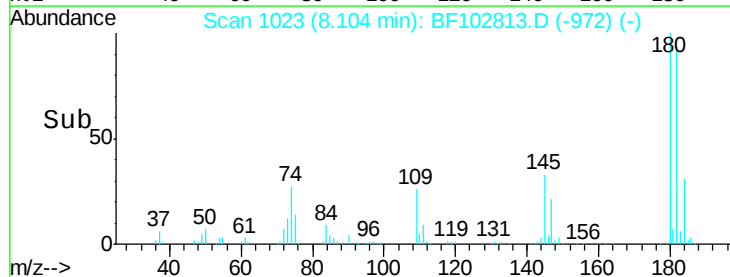
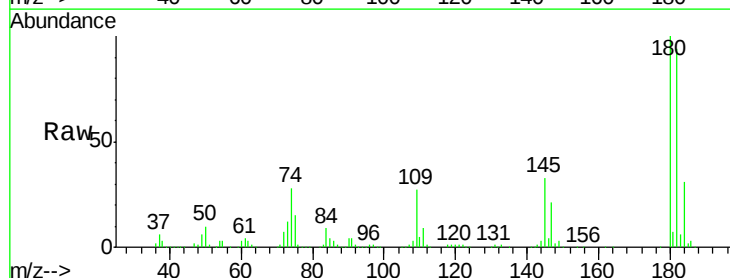
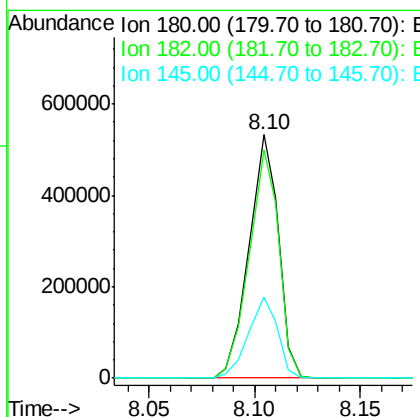
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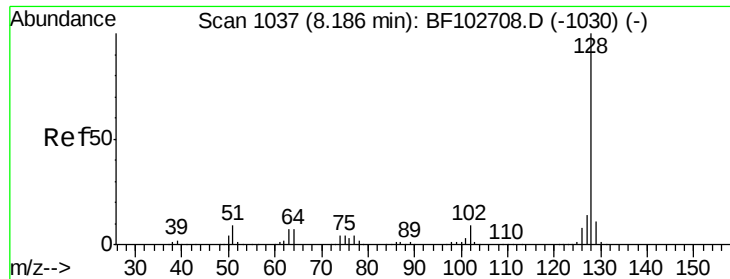
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.426 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:	180	Resp:	517581
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.8	115.2
145	33.3	26.5	39.7





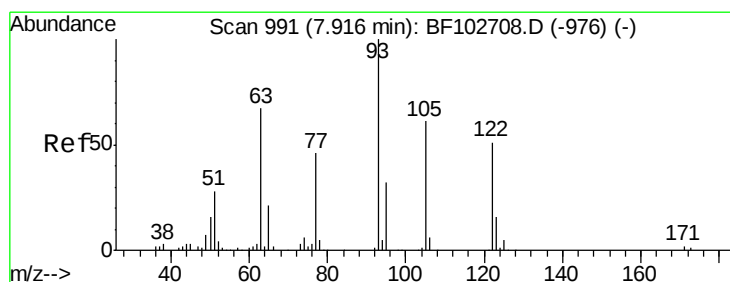
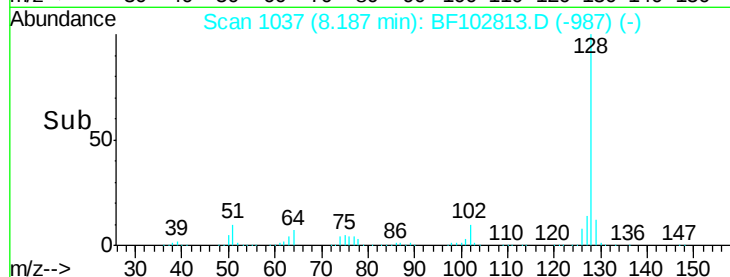
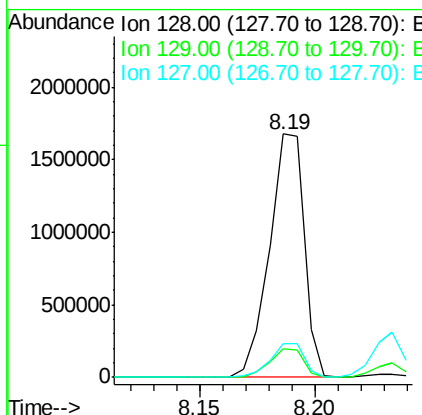
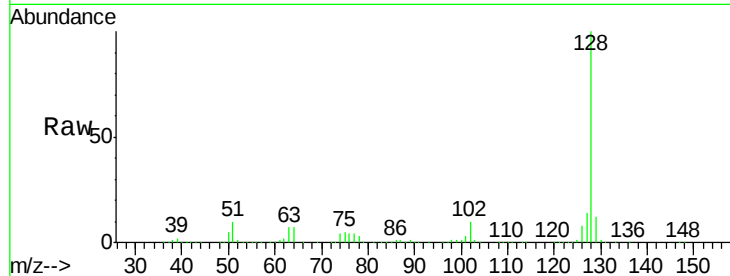
#31
Naphthalene
Concen: 44.481 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion:128 Resp: 1755600
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.8 10.9 16.3

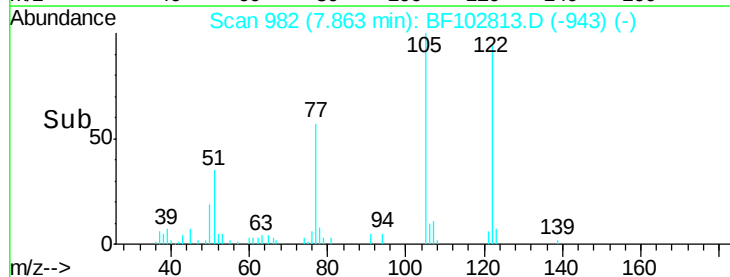
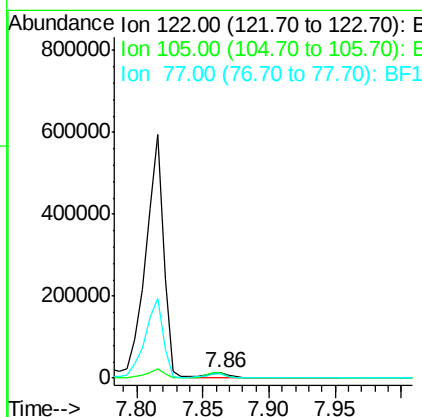
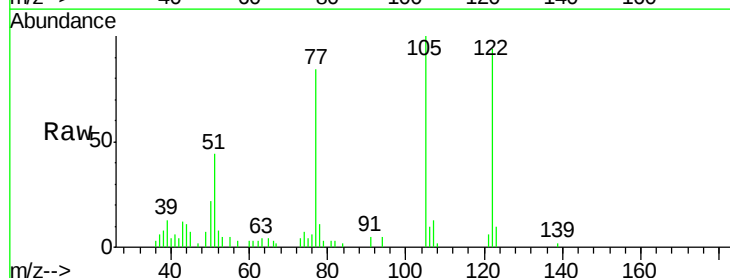
Manual Integrations
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#32
Benzoic acid
Concen: 10.951 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.07 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:122 Resp: 20090
Ion Ratio Lower Upper
122 100
105 106.3 101.1 141.1
77 89.5 70.7 110.7





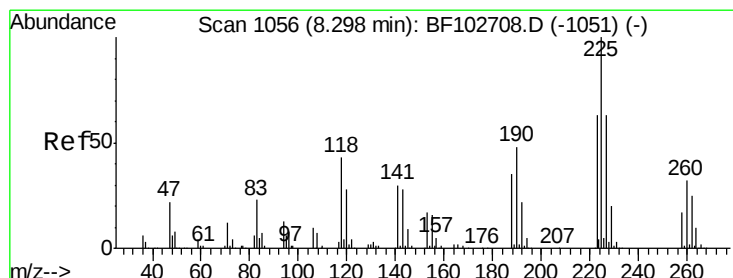
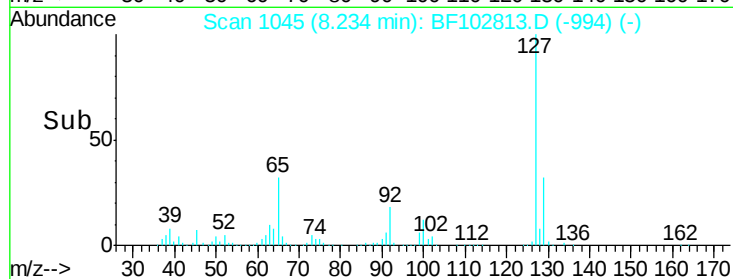
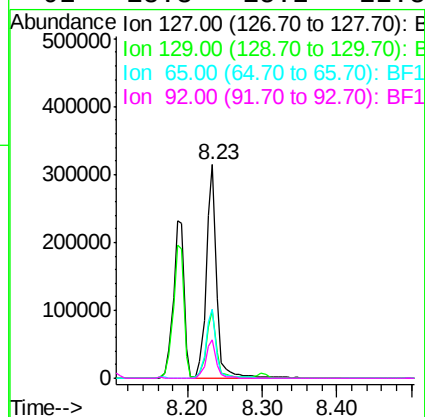
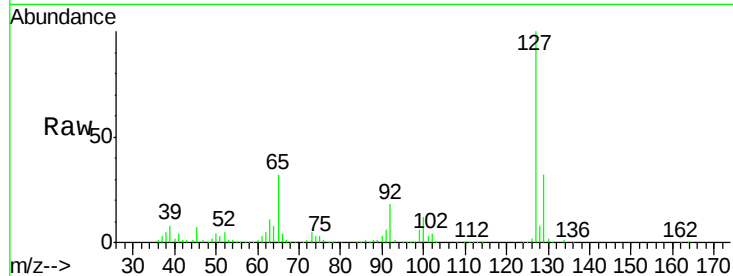
#33
4-Chloroaniline
Concen: 18.118 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8		25.9	38.9	
65	32.2		25.0	37.4	
92	18.3		15.2	22.8	

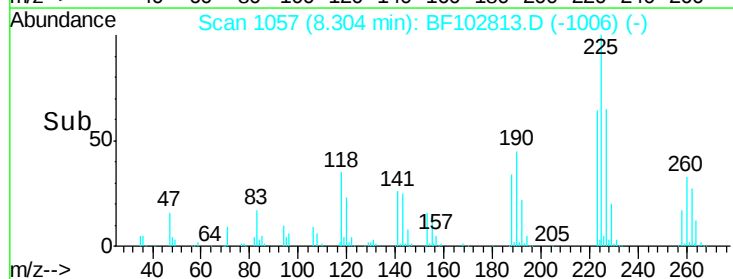
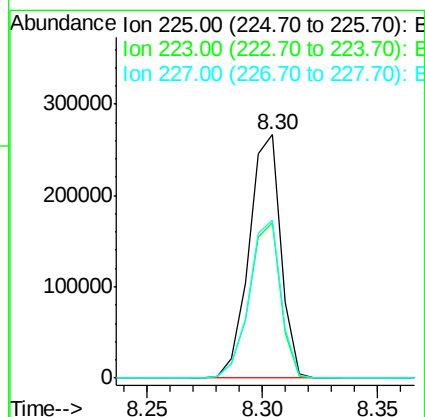
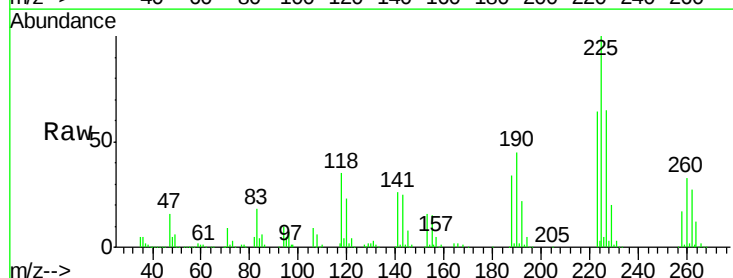
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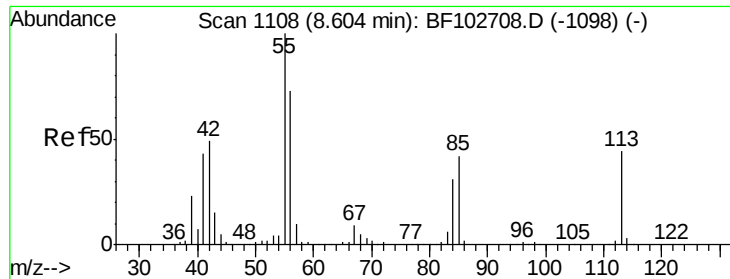
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#34
Hexachlorobutadiene
Concen: 43.079 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7		50.6	76.0	
227	64.9		51.9	77.9	





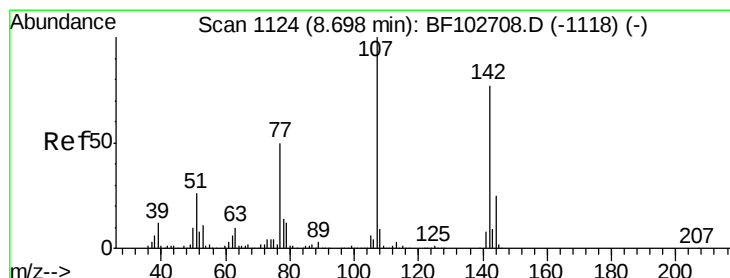
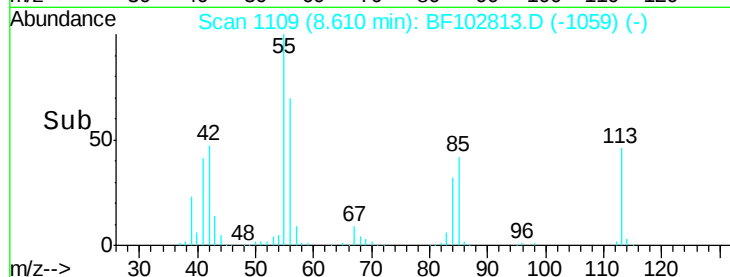
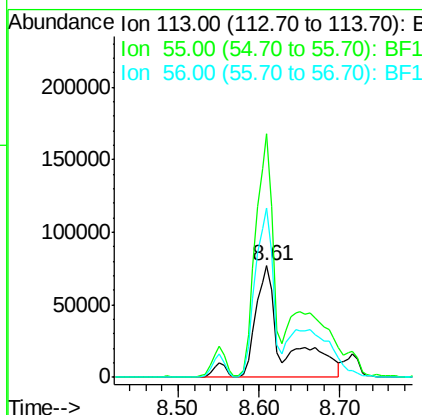
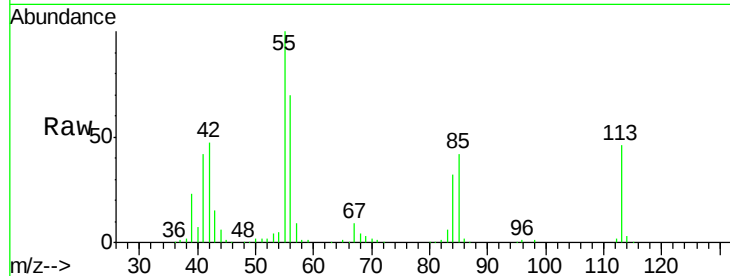
#35
Caprolactam
Concen: 55.434 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

Tot Ion:113 Resp: 198260
Ion Ratio Lower Upper
113 100
55 218.8 163.3 203.3#
56 152.4 115.7 155.7

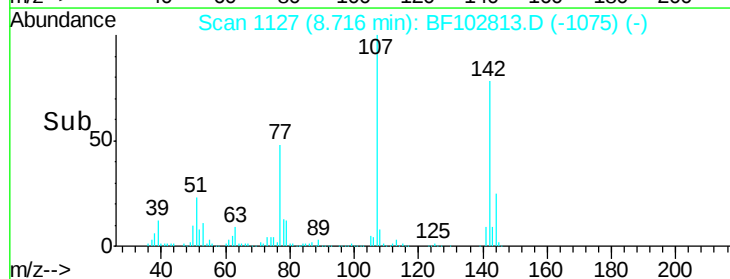
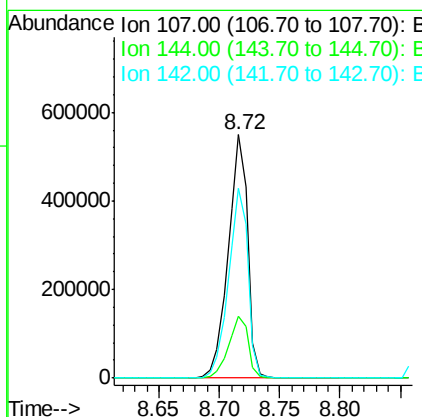
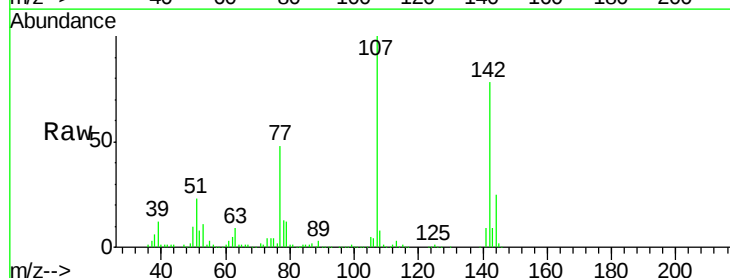
Manual Integrations
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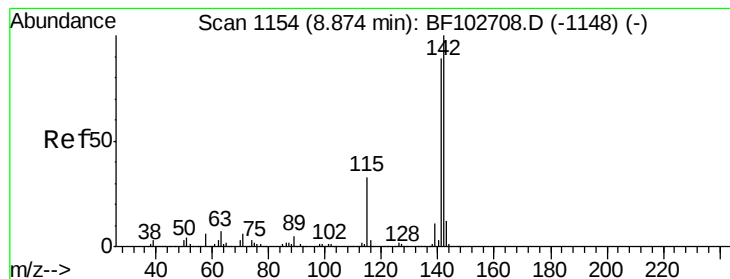
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#36
4-Chloro-3-methylphenol
Concen: 52.885 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:107 Resp: 611931
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 78.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 45.915 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:142 Resp: 1186462

Ion Ratio Lower Upper

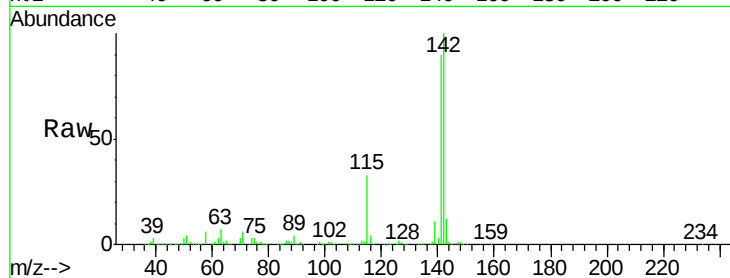
142 100

141 89.8 70.8 106.2

115 33.1 26.1 39.1

Manual Integrations
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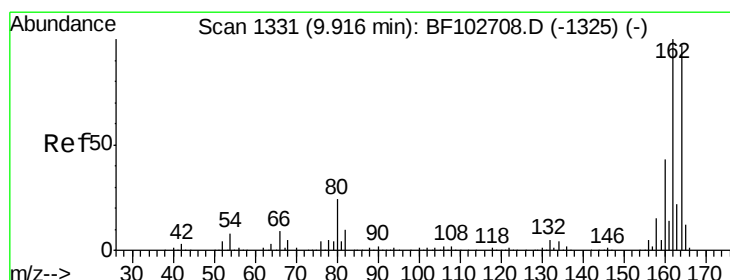
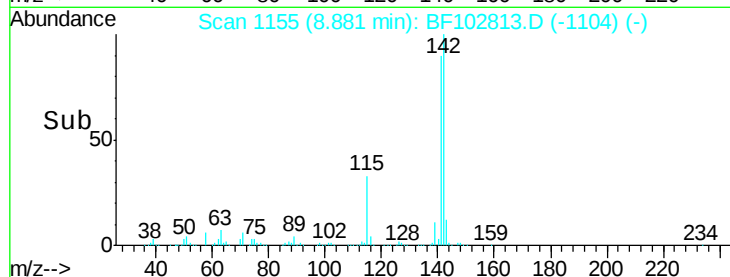
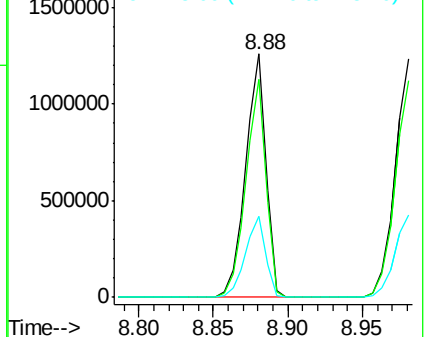
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

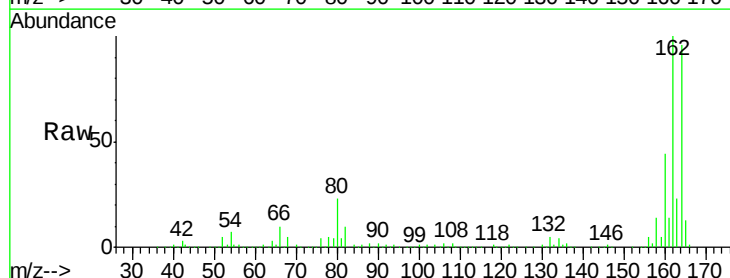
Tgt Ion:164 Resp: 371578

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

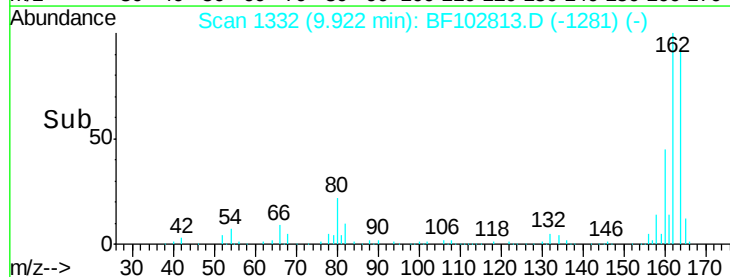
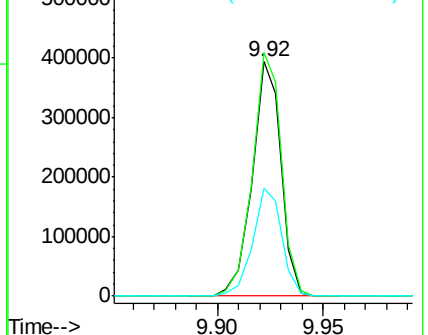
160 46.2 38.3 57.5

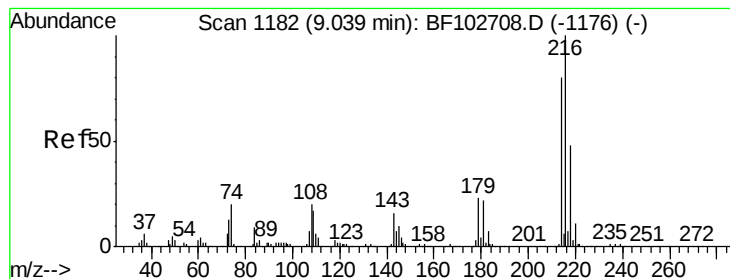


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.607 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

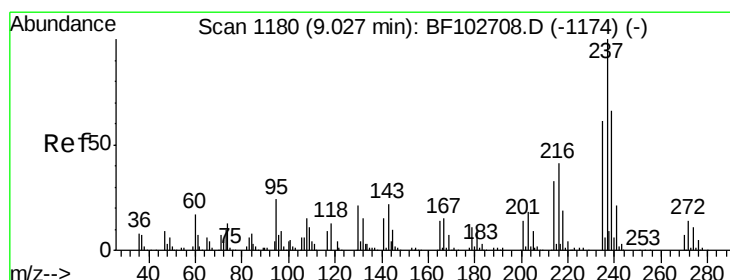
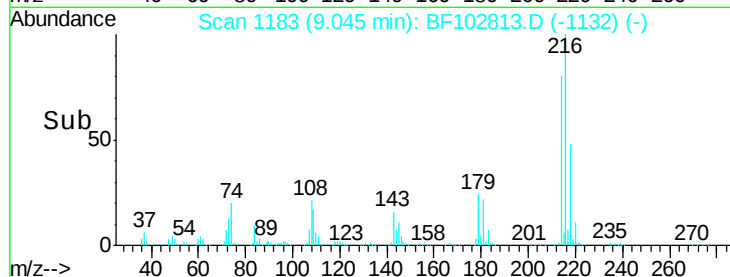
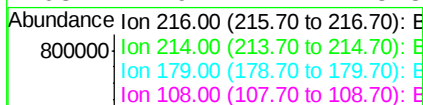
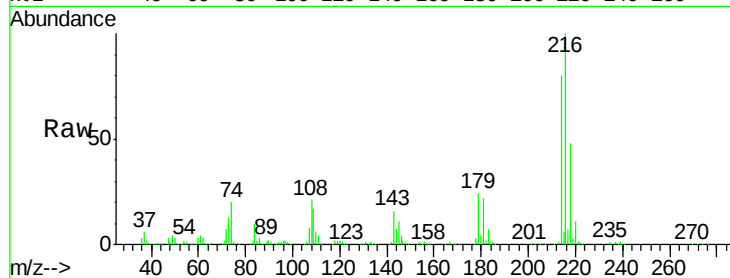
ClientSampleId :

SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	441195		
214	78.7	63.0	94.4	
179	23.2	18.1	27.1	
108	24.9	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 92.101 ng

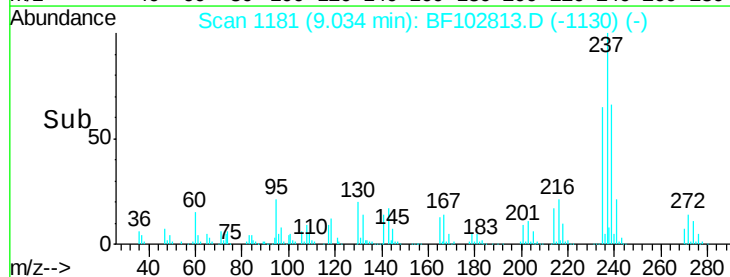
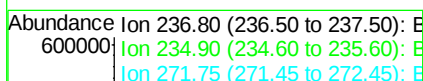
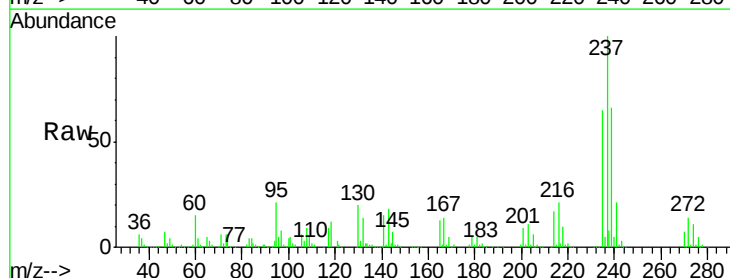
RT: 9.03 min Scan# 1181

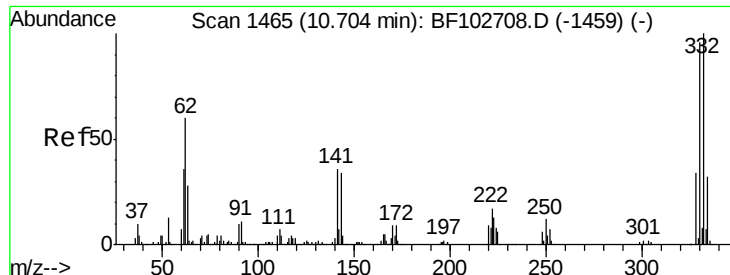
Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	442971		
235	64.8	44.8	84.8	
272	14.3	0.0	33.3	





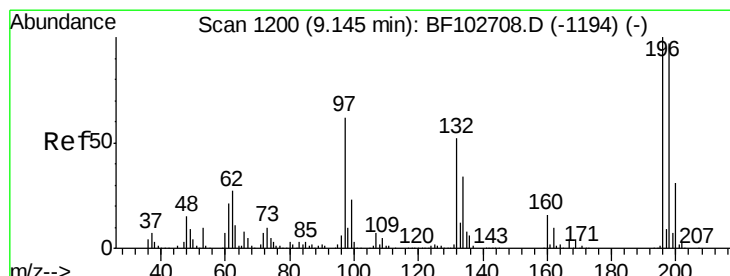
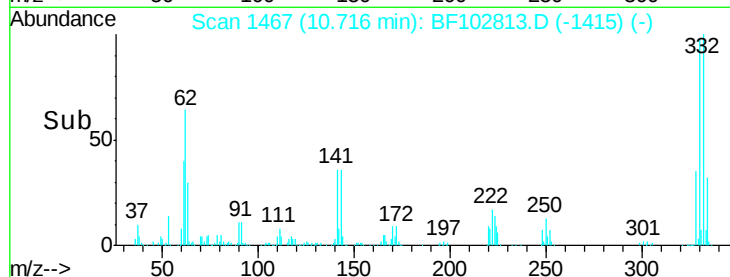
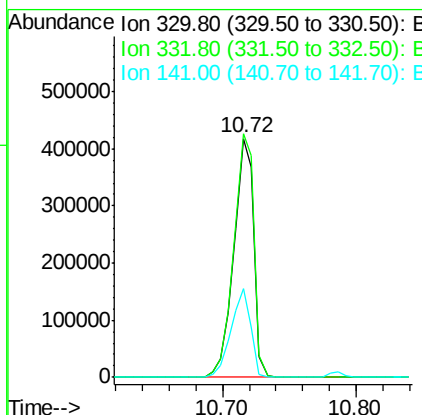
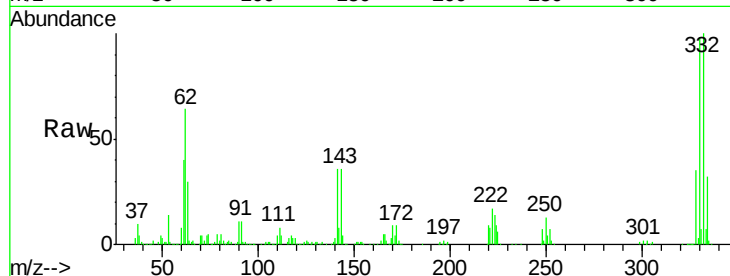
#41
 2,4,6-Tribromophenol
 Concen: 147.301 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :
 SB-01MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	36.9	29.9	44.9

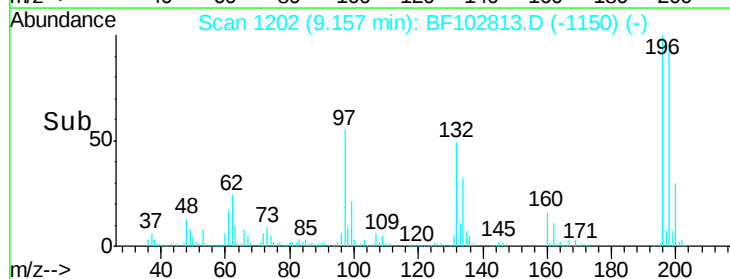
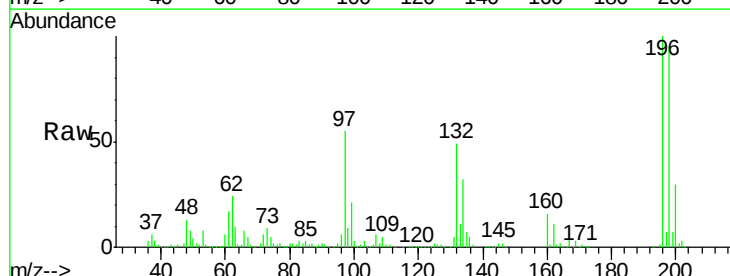
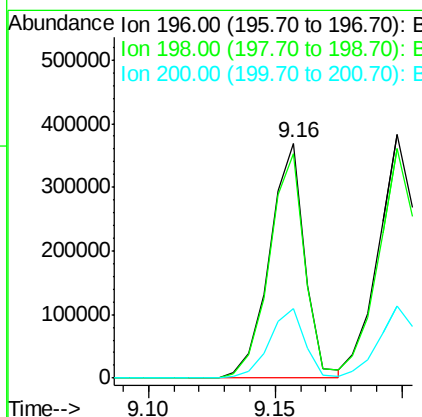
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 53.978 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	29.8	24.5	36.7





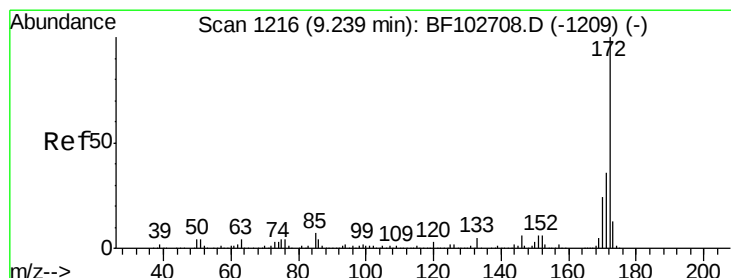
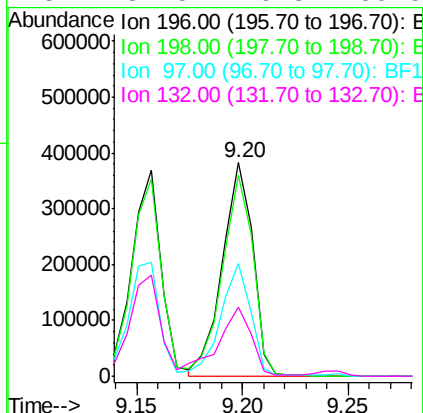
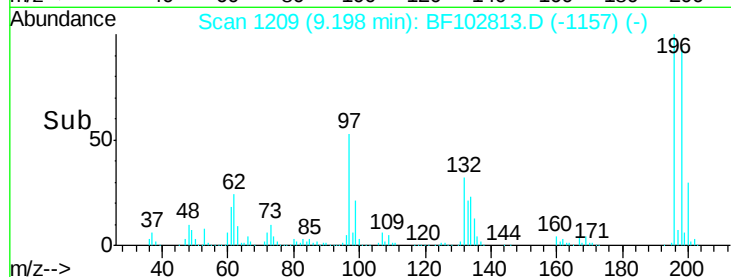
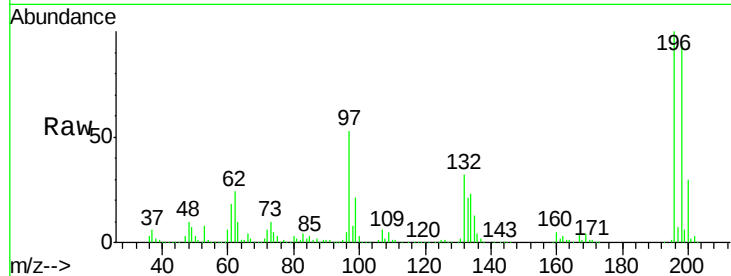
#43
 2,4,5-Trichlorophenol
 Concen: 50.957 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :
 SB-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		381667		
198	94.4	74.6	112.0		
97	53.0	42.9	64.3		
132	32.5	26.3	39.5		

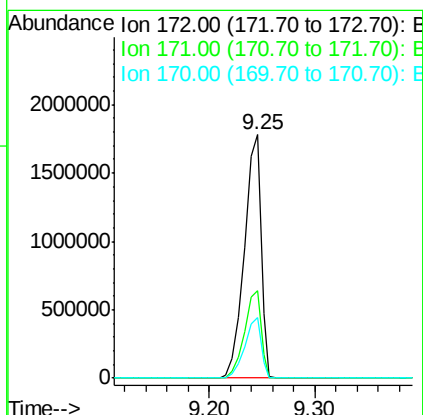
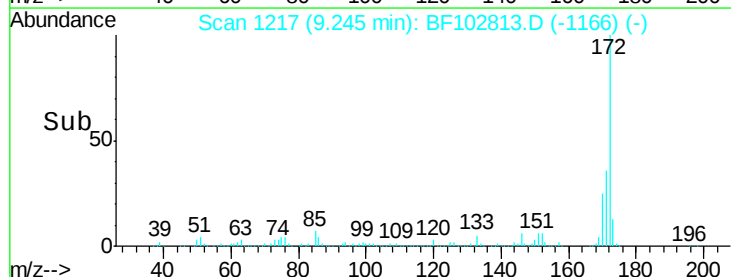
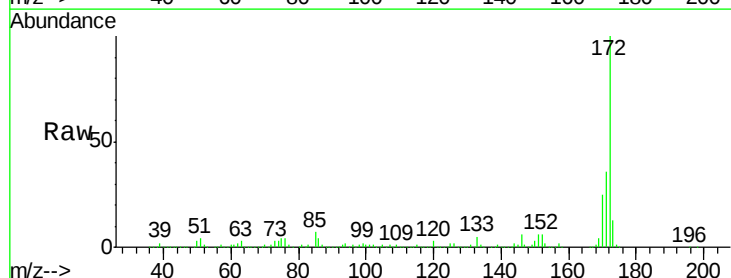
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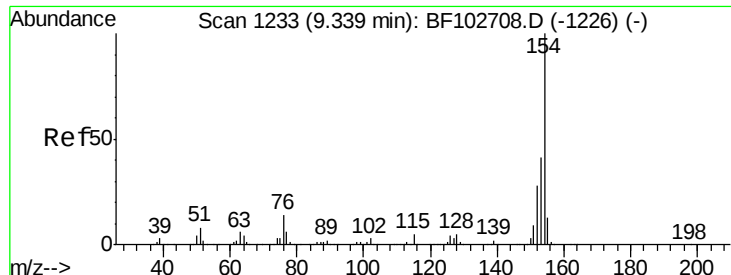
Sohil
 2/8/2018 1:41:08 PM



#44
 2-Fluorobiphenyl
 Concen: 86.206 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1930407		
171	35.8	29.7	44.5		
170	24.9	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 43.482 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:154 Resp: 1360853

Ion Ratio Lower Upper

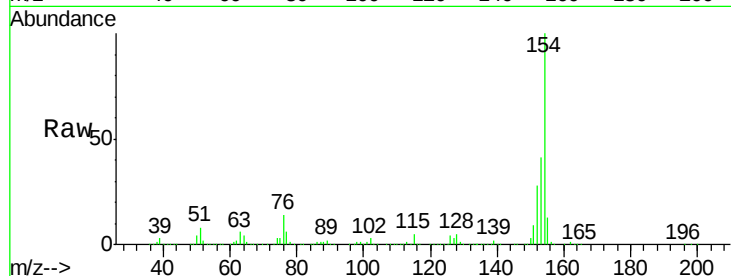
154 100

153 40.9 21.3 61.3

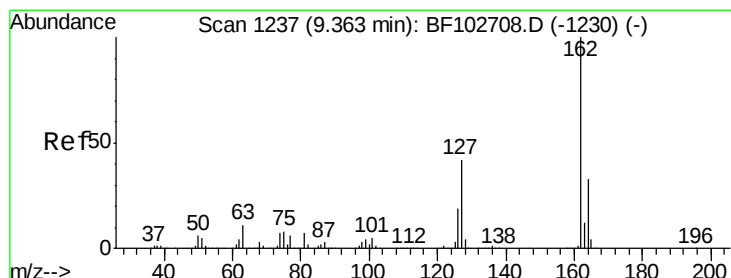
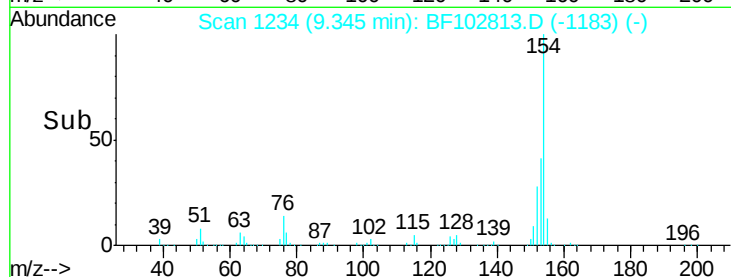
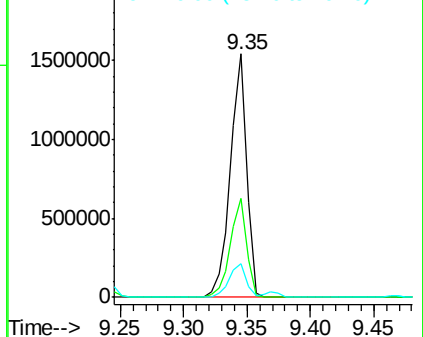
76 13.7 0.0 34.0

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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: 44.830 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

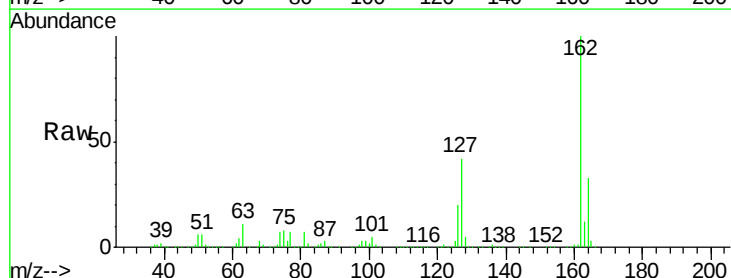
Tgt Ion:162 Resp: 1104573

Ion Ratio Lower Upper

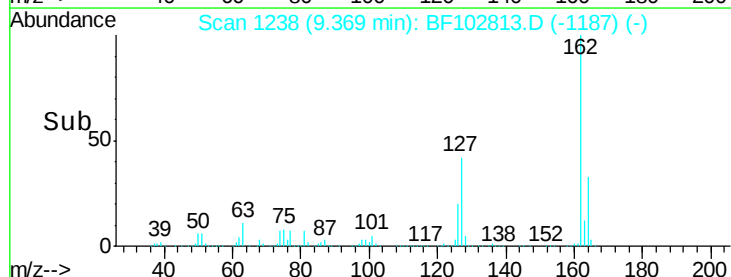
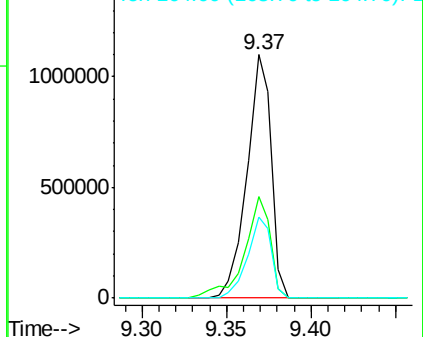
162 100

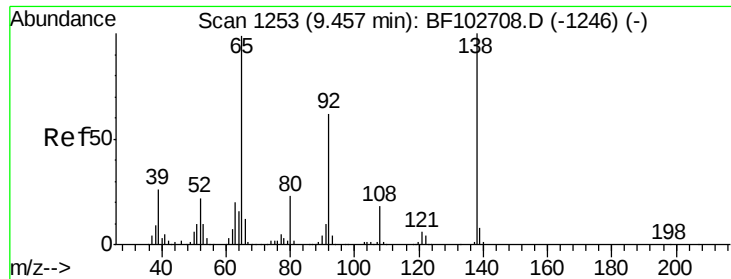
127 41.9 33.9 50.9

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





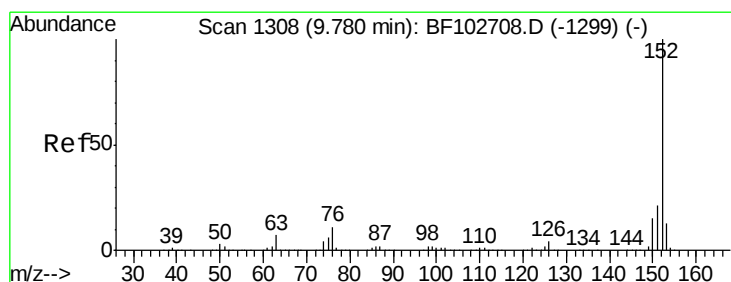
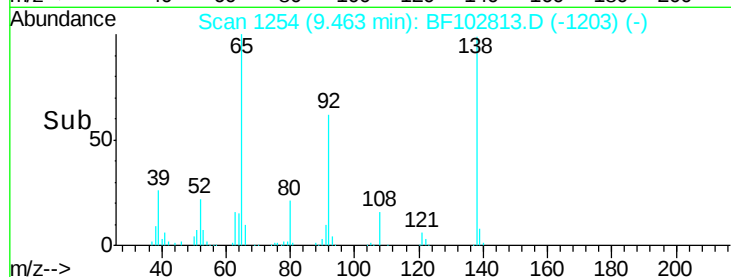
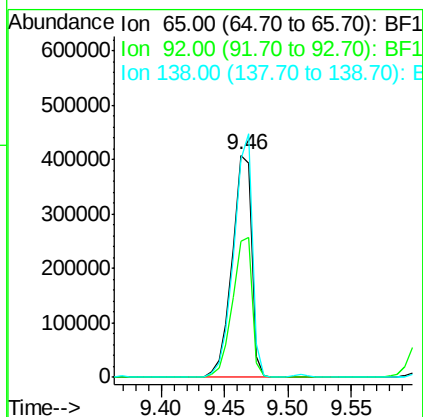
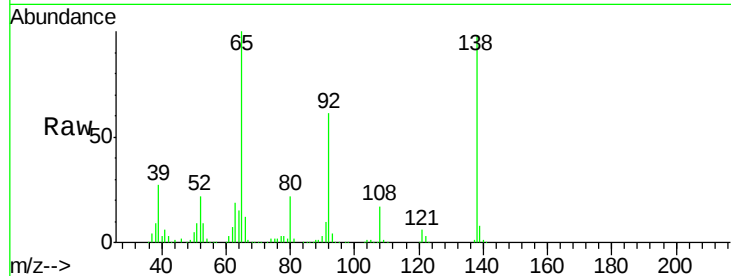
#47
2-Nitroaniline
Concen: 56.157 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	55.8	83.6
138	98.1	91.2	136.8

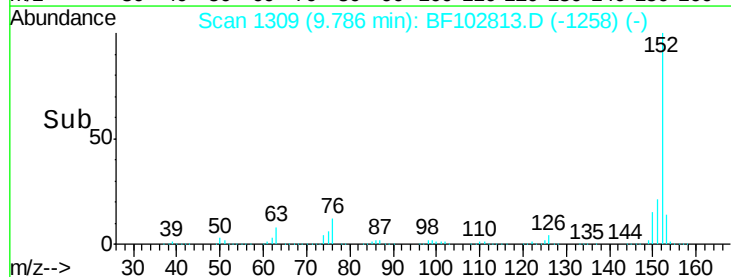
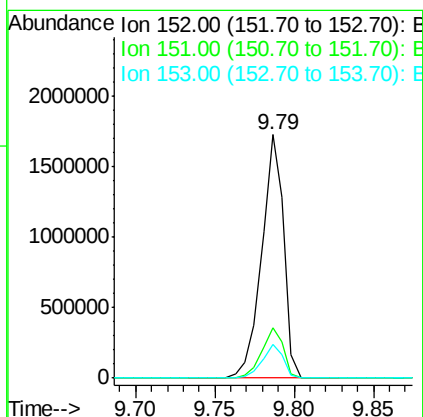
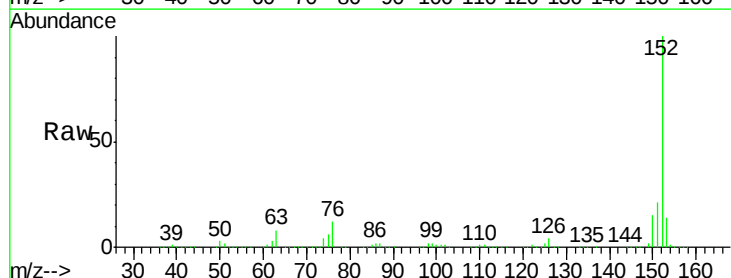
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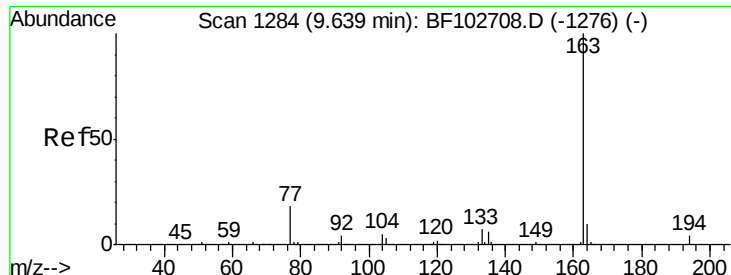
Sohil
2/8/2018 1:41:08 PM



#48
Acenaphthylene
Concen: 43.684 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.7	10.7	16.1





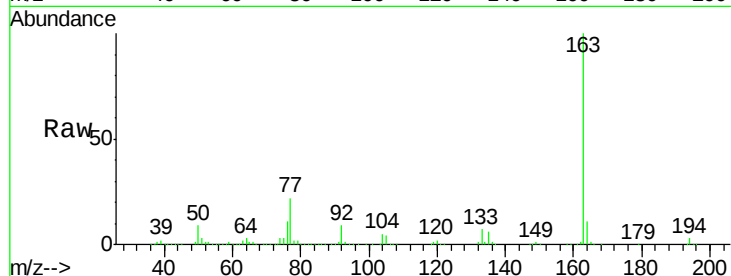
#49
Dimethylphthalate
Concen: 52.045 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

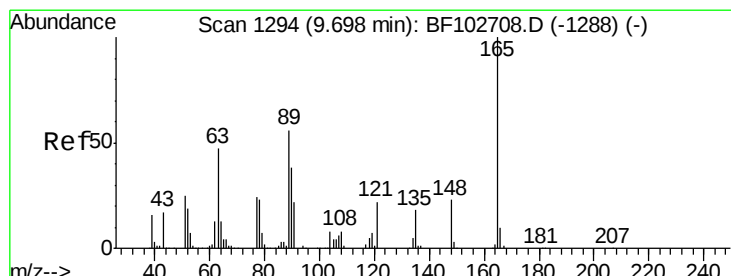
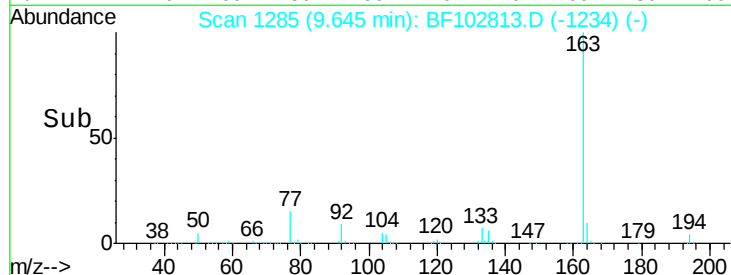
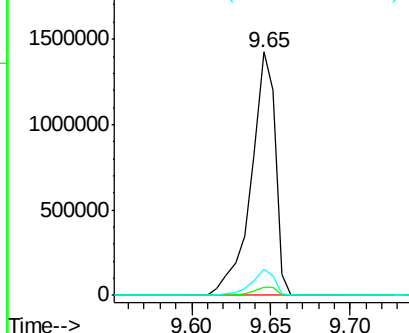
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.8	8.2	12.2

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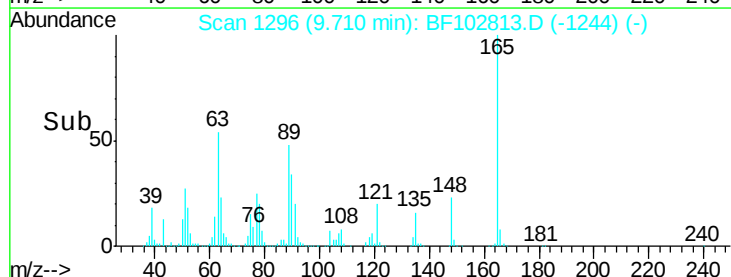
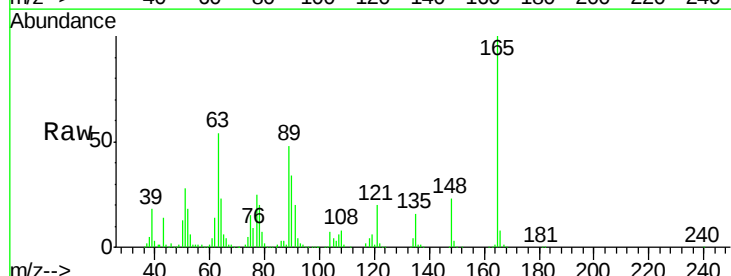
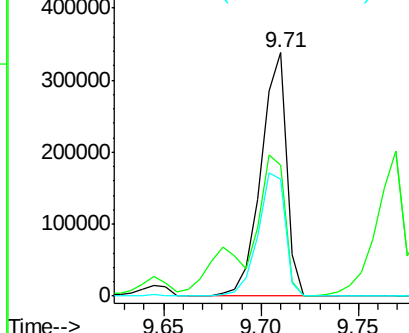
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

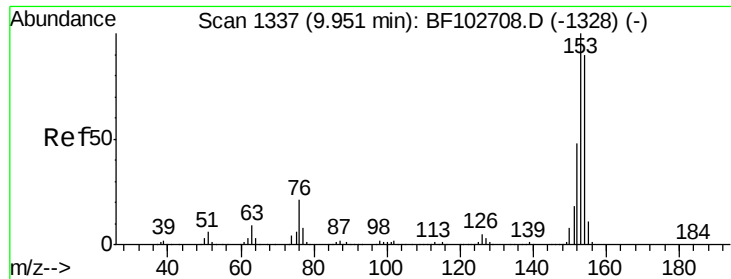


#50
2,6-Dinitrotoluene
Concen: 55.712 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	44.7	67.1
89	48.1	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: 46.406 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:154 Resp: 1062034

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

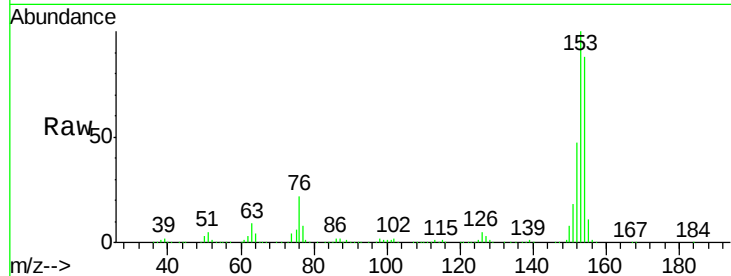
152 53.9 43.8 65.8

Manual Integrations

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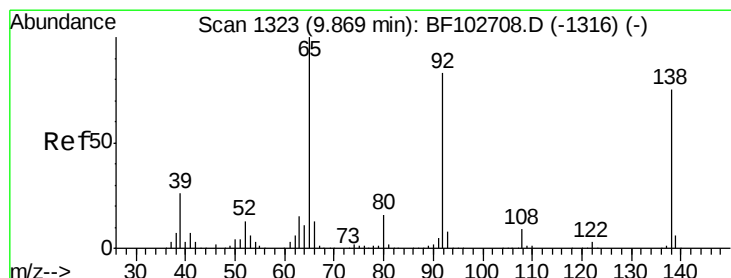
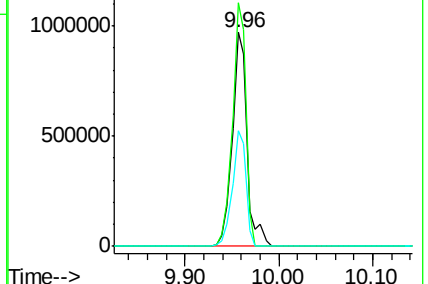
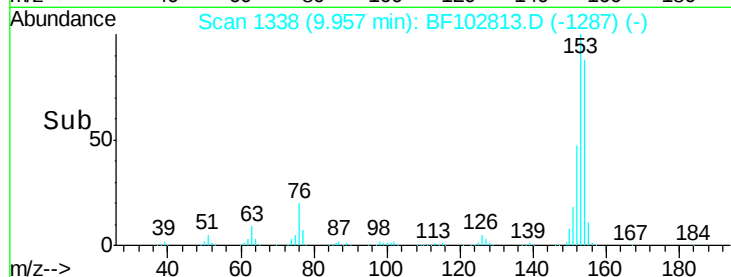
2/8/2018 1:41:08 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.596 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

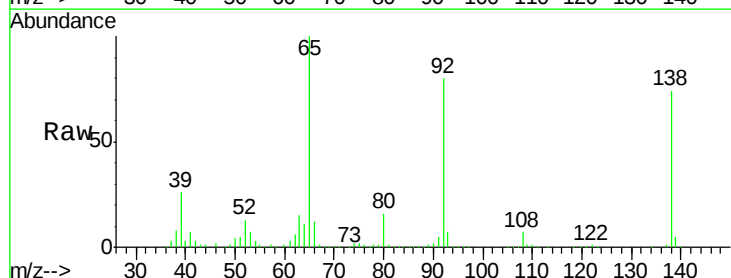
Tgt Ion:138 Resp: 254992

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

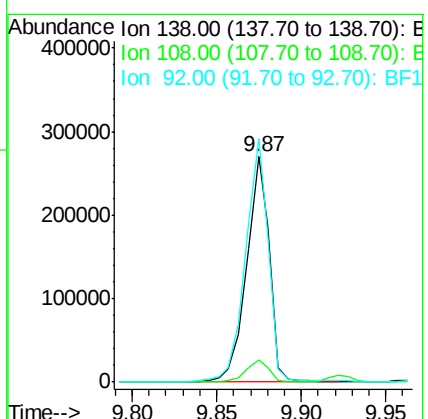
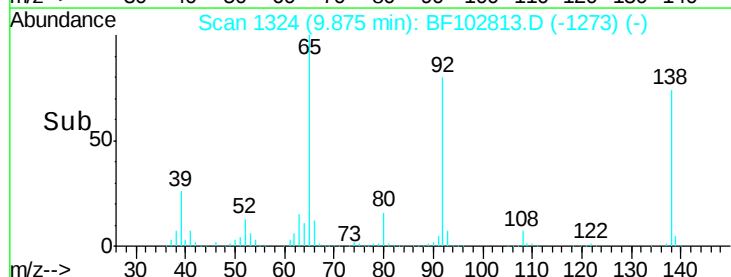
92 108.1 89.4 134.2

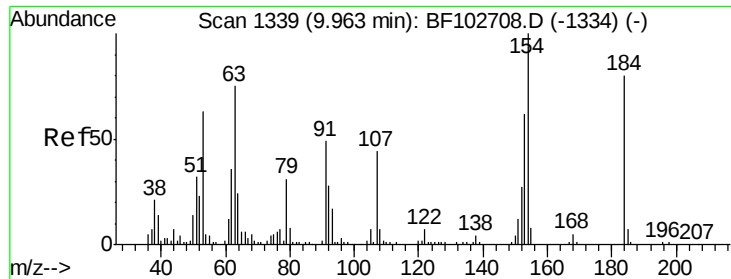


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





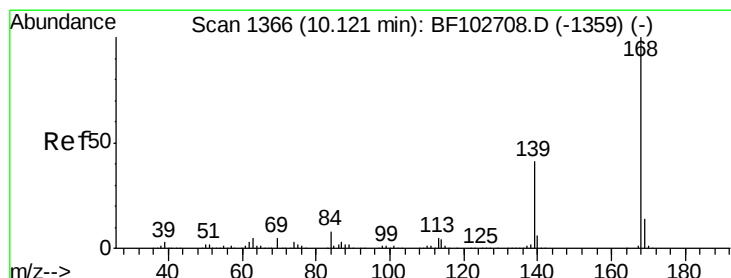
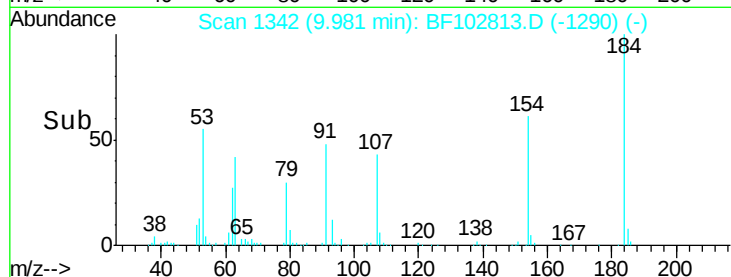
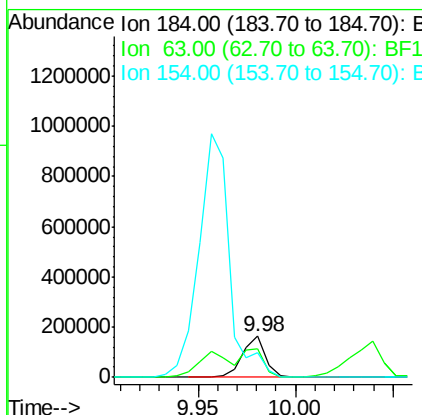
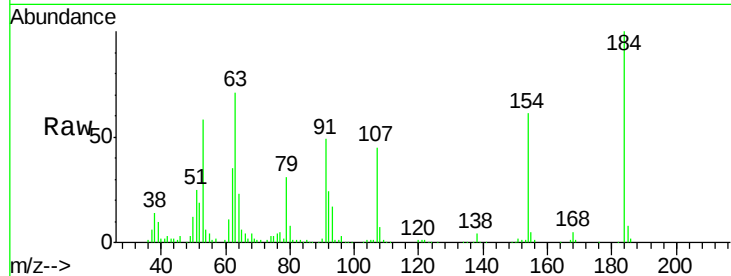
#53
2,4-Dinitrophenol
Concen: 75.521 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.2	54.2	81.2
154	60.9	184.0	276.0#

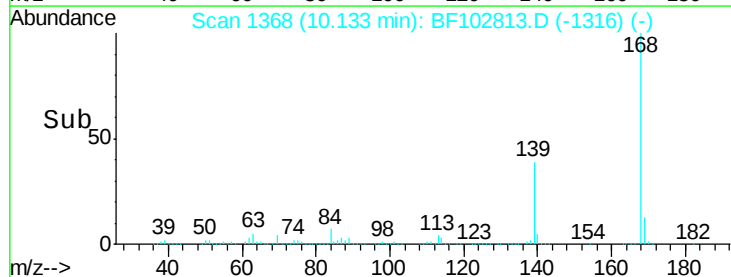
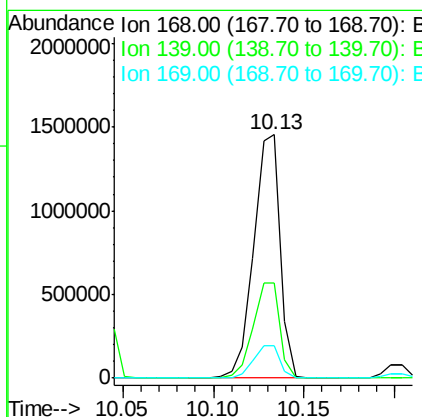
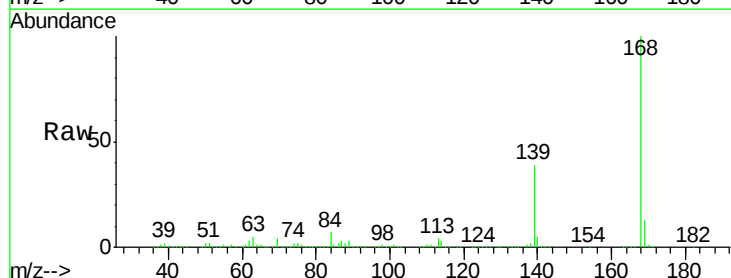
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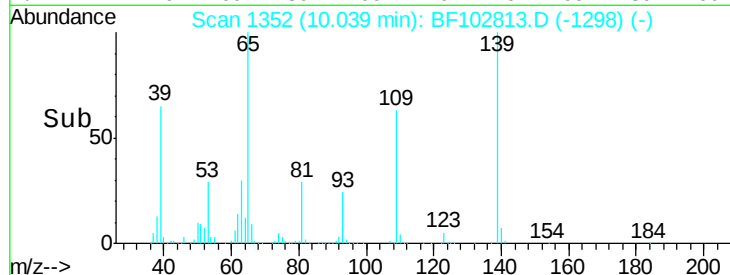
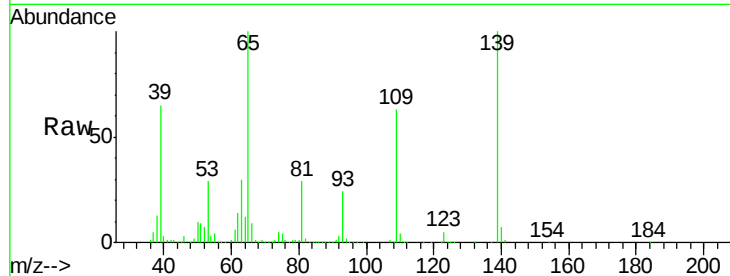
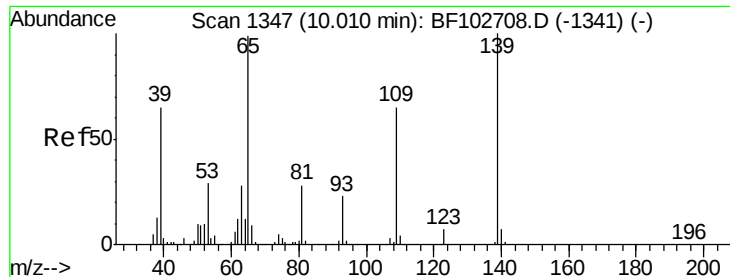
Sohil
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#54
Dibenzofuran
Concen: 45.773 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.4	10.9	16.3





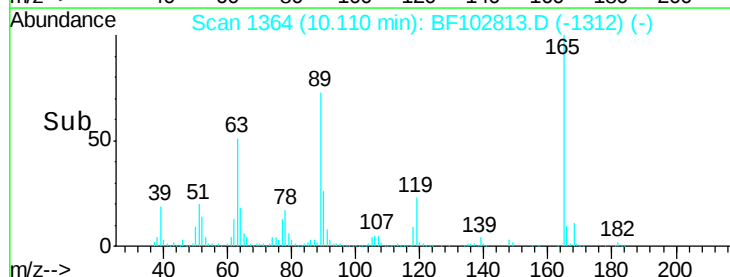
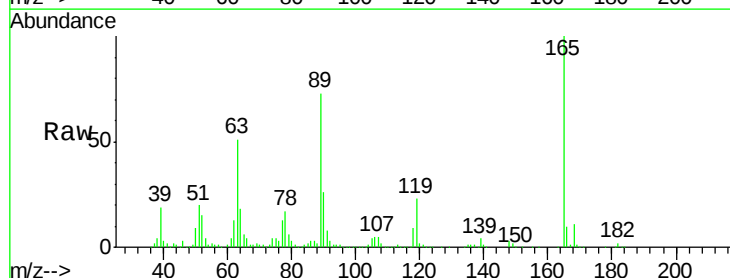
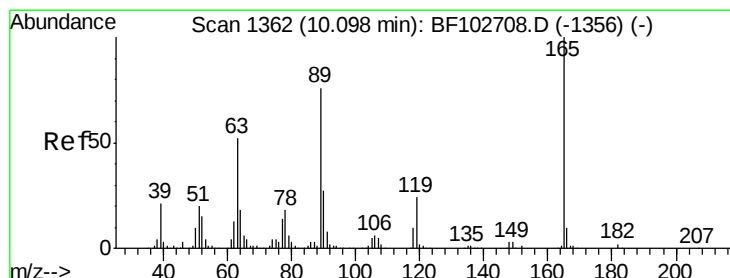
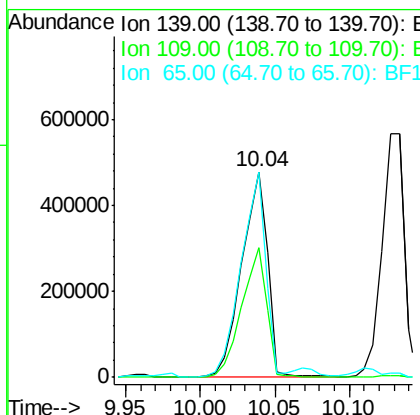
#55
4-Nitrophenol
Concen: 102.106 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	575626		
109	63.4	48.4	88.4	
65	99.7	72.6	112.6	

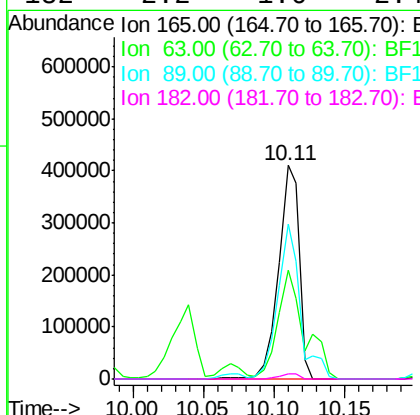
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2/8/2018 1:41:08 PM



#56
2,4-Dinitrotoluene
Concen: 56.074 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	418617		
63	51.2	36.4	54.6	
89	72.7	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 46.471 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:166 Resp: 1090502

Ion Ratio Lower Upper

166 100

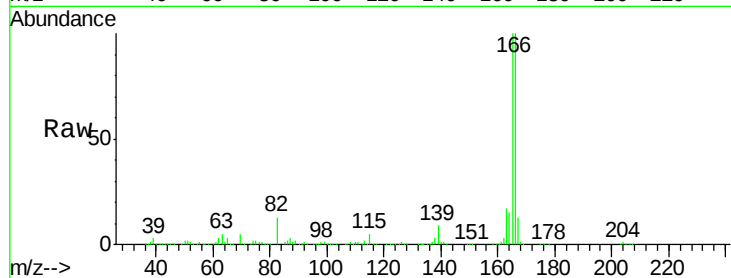
165 100.3 79.8 119.8

167 13.3 10.6 16.0

Manual Integrations
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Sohil

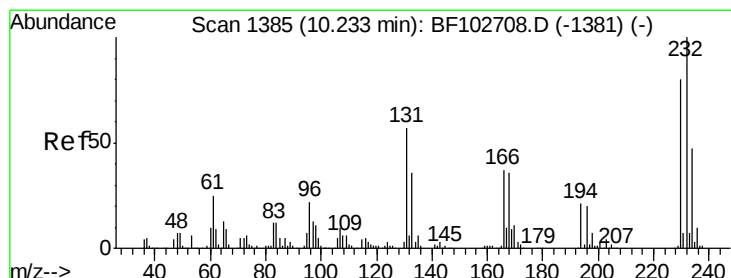
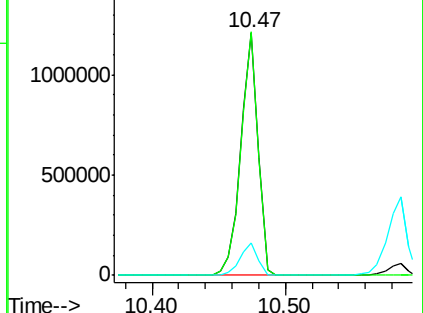
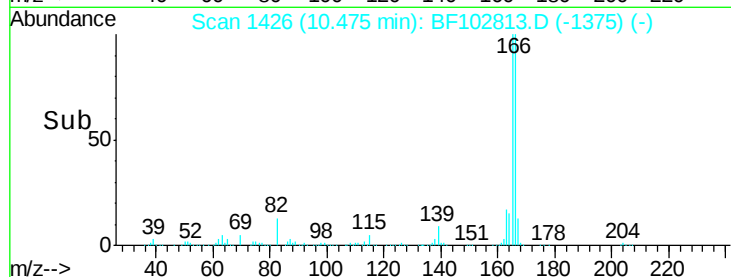
2/8/2018 1:41:08 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.695 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:232 Resp: 289127

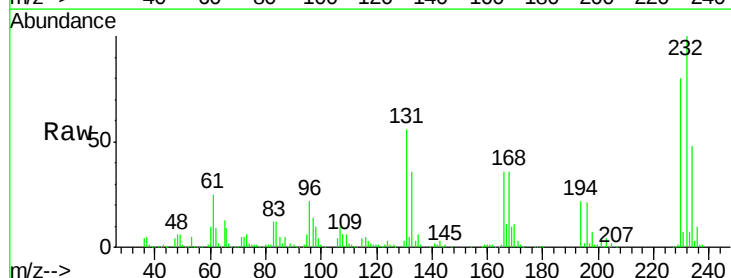
Ion Ratio Lower Upper

232 100

131 55.4 43.8 65.8

130 2.7 2.1 3.1

166 35.5 27.8 41.6

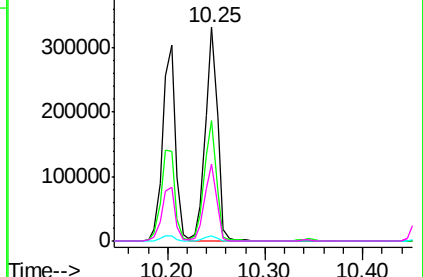
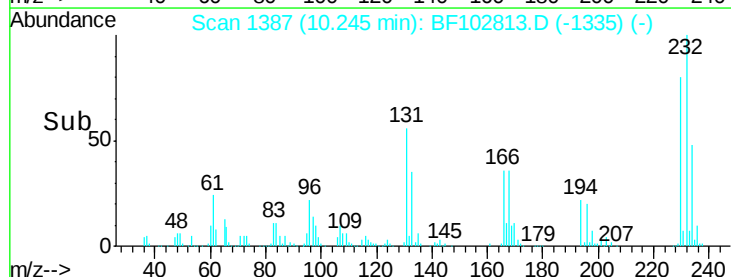


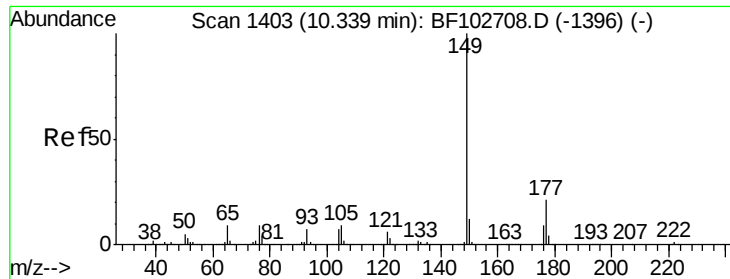
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





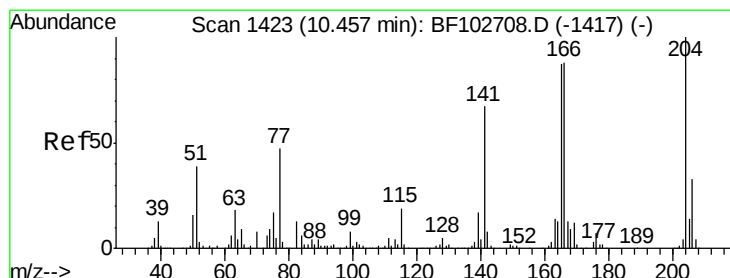
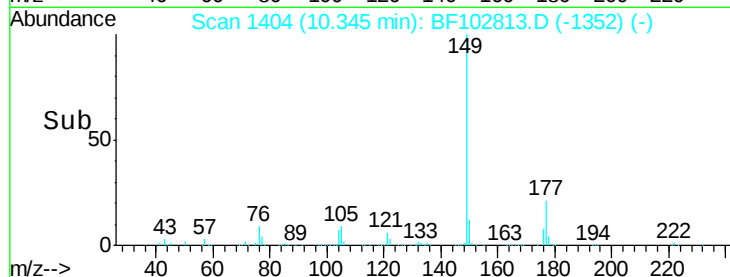
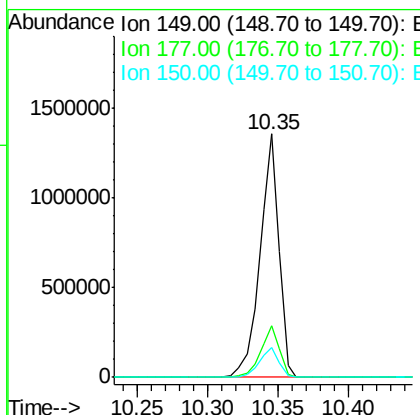
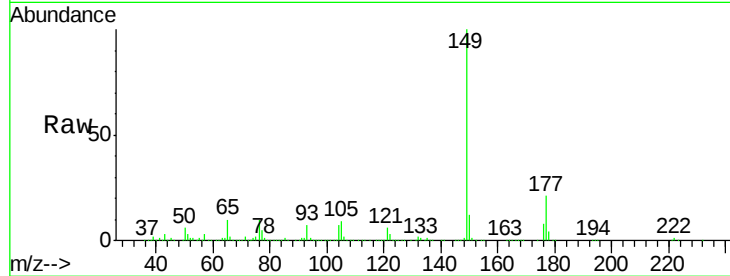
#59
Diethylphthalate
Concen: 44.902 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.3	10.1	15.1

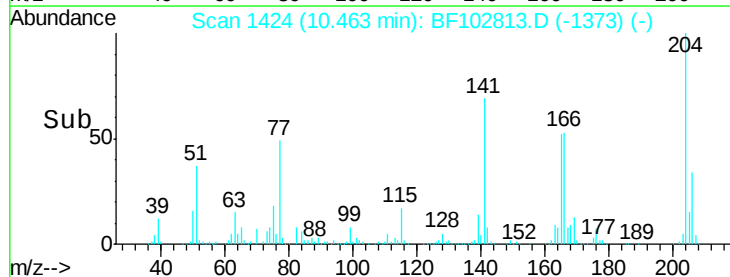
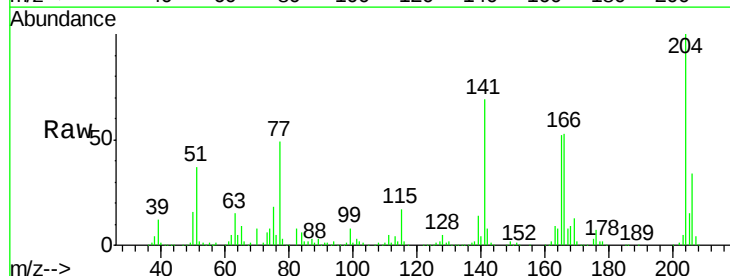
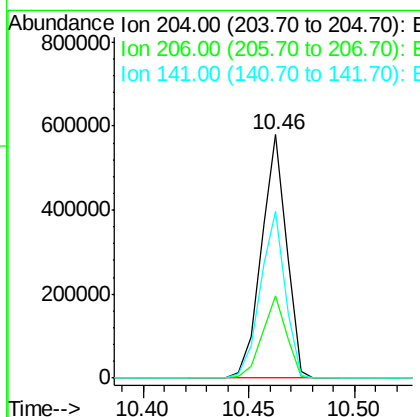
Manual Integrations
APPROVED

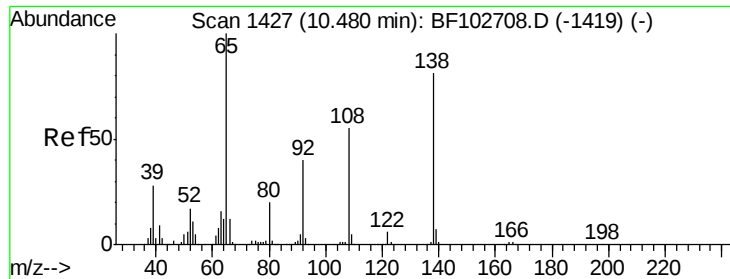
Sohil
2/8/2018 1:41:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.104 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	68.7	54.6	81.8





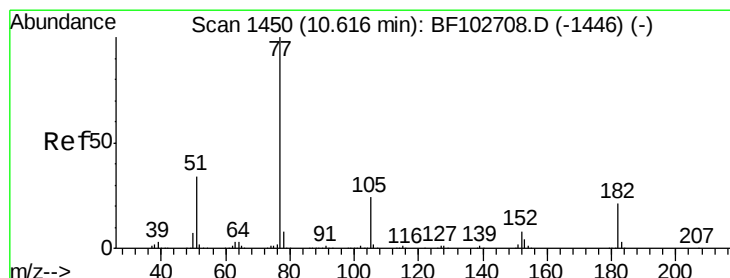
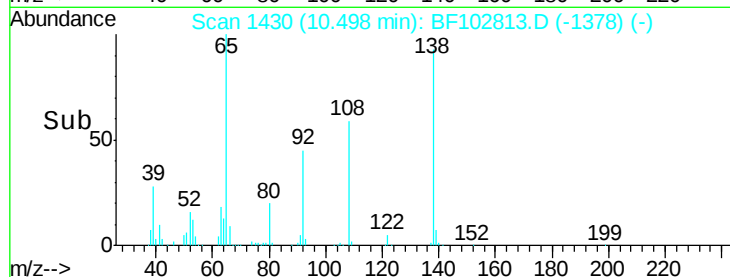
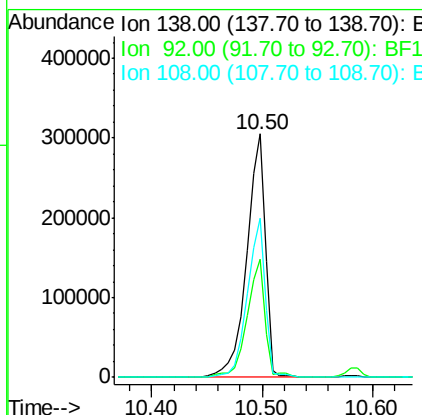
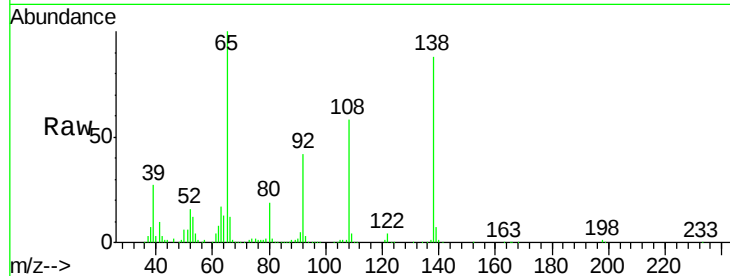
#61
4-Nitroaniline
Concen: 56.486 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	65.6	52.5	92.5

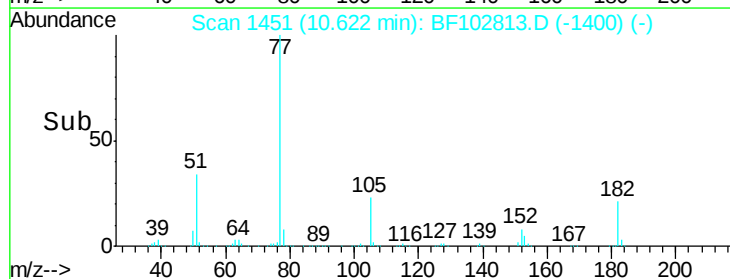
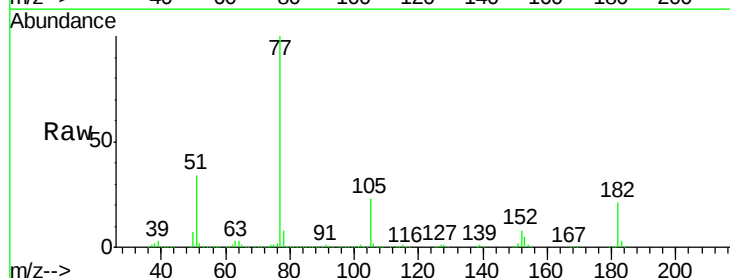
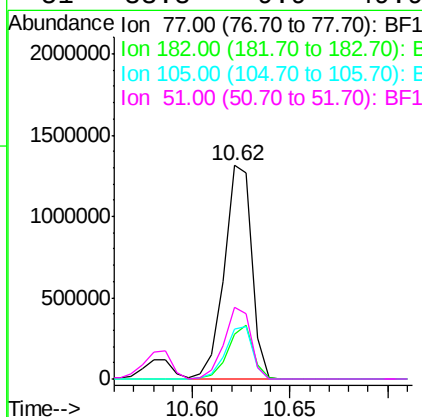
Manual Integrations
APPROVED

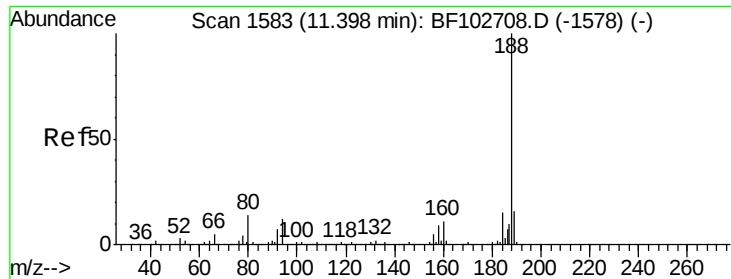
Sohil
2/8/2018 1:41:08 PM



#62
Azobenzene
Concen: 44.820 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.7	41.7
105	23.4	3.0	43.0
51	33.8	9.9	49.9





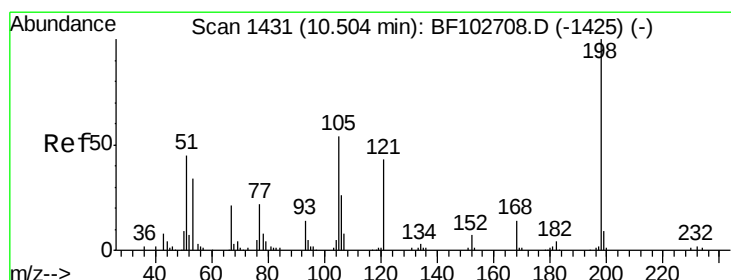
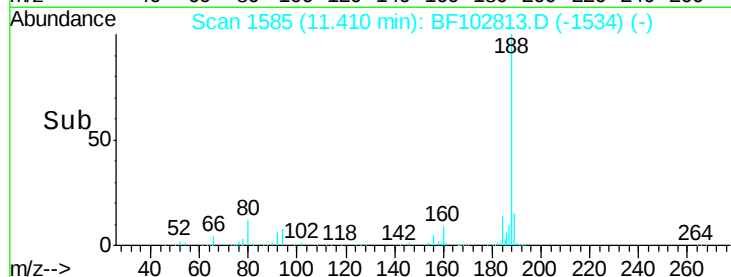
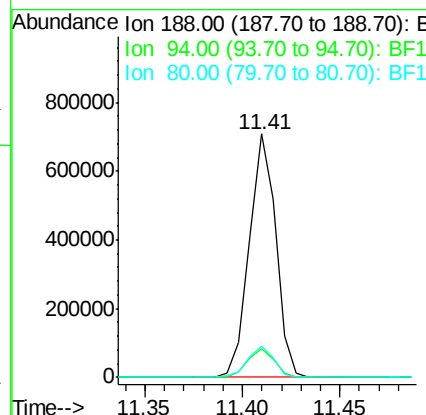
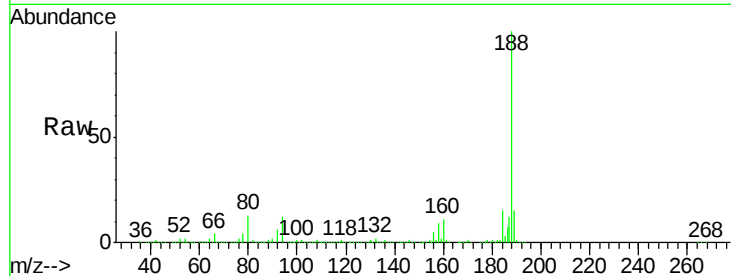
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	669005		
94	12.0		8.5	12.7
80	12.8		9.2	13.8

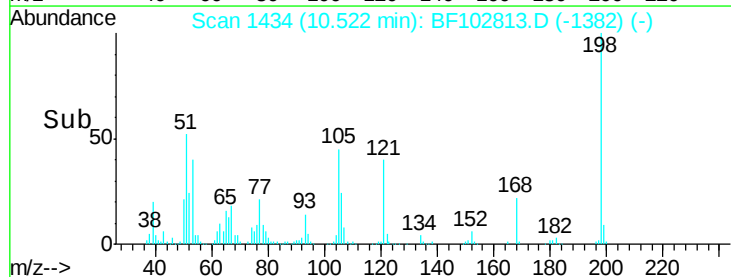
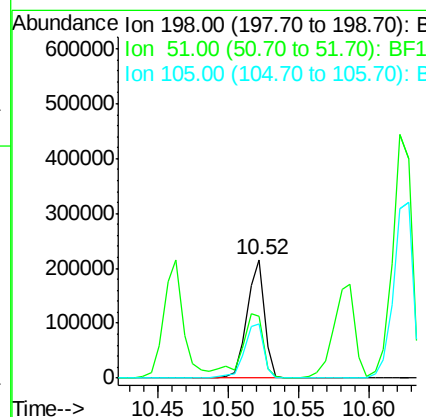
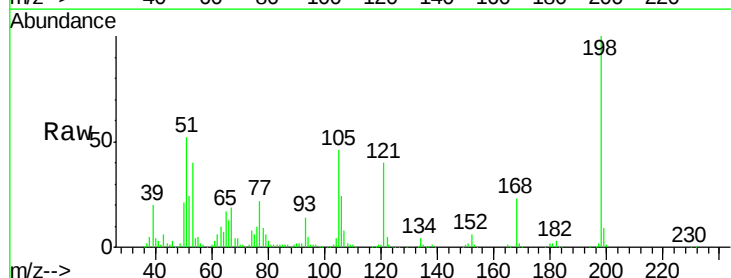
Manual Integrations
APPROVED

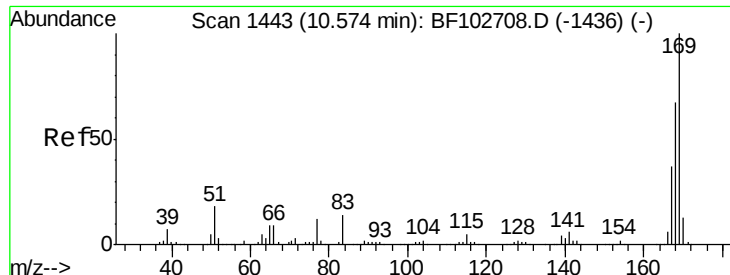
Sohil
2/8/2018 1:41:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 61.430 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	186699		
51	51.9		37.7	77.7
105	45.8		36.3	76.3





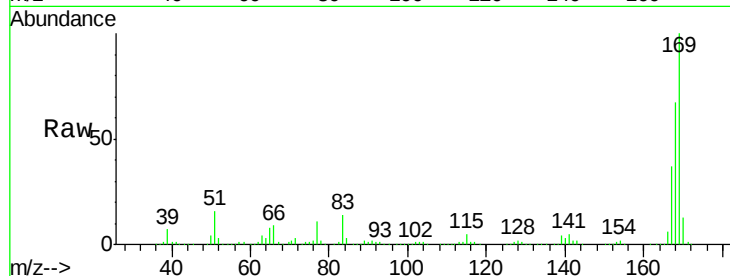
#65
n-Nitrosodiphenylamine
Concen: 43.929 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

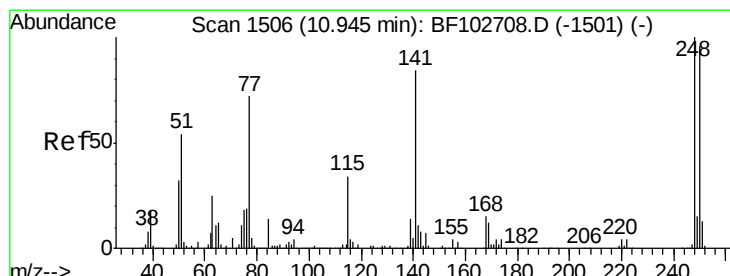
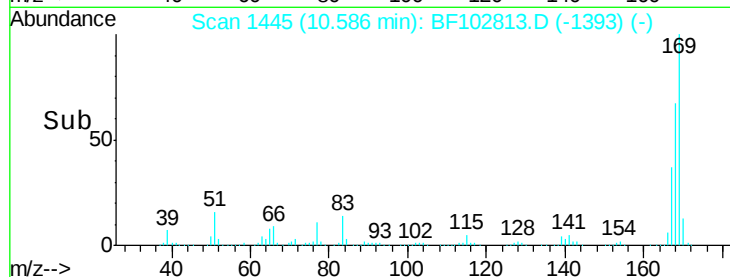
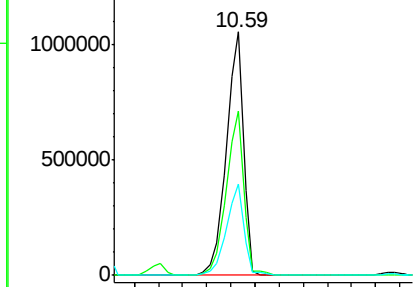
Tot Ion:169 Resp: 1036618
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.4 29.8 44.6

Manual Integrations
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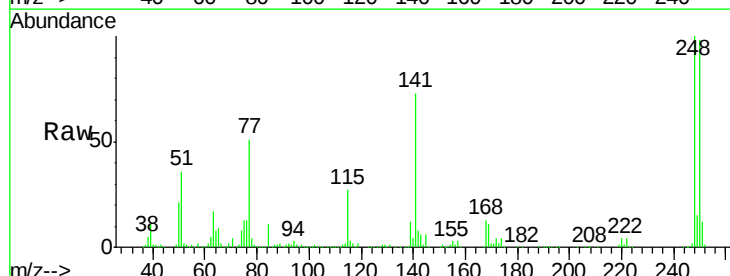


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

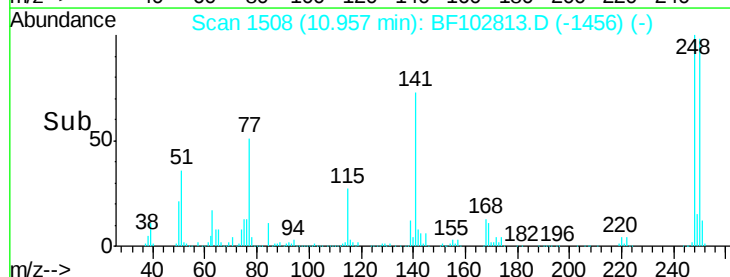
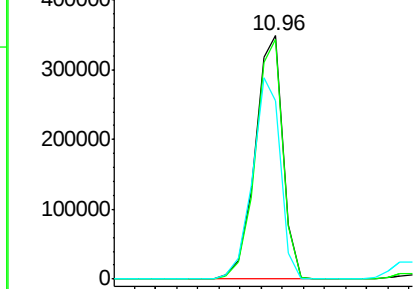


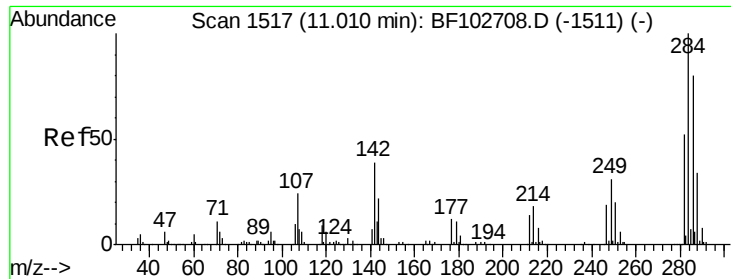
#66
4-Bromophenyl-phenylether
Concen: 45.137 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:248 Resp: 319426
Ion Ratio Lower Upper
248 100
250 98.3 76.9 115.3
141 73.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





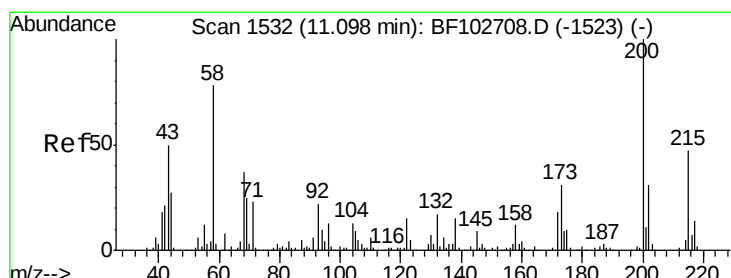
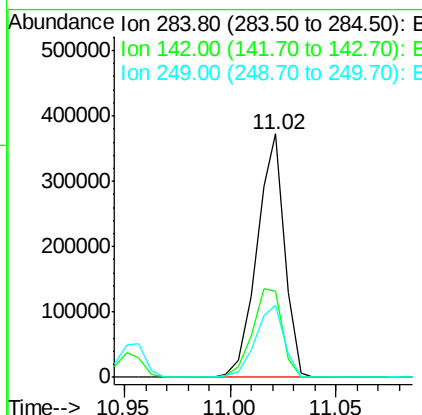
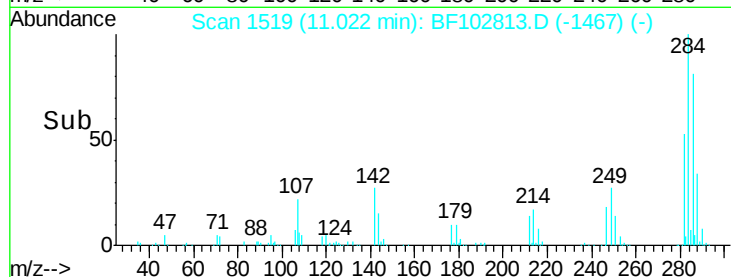
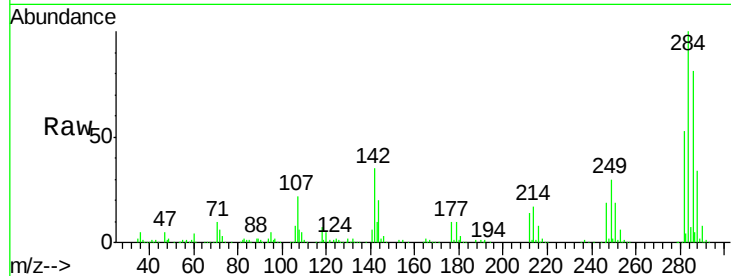
#67
Hexachlorobenzene
Concen: 43.374 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :
SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	338627		
142	35.2		34.6	52.0
249	29.8		24.8	37.2

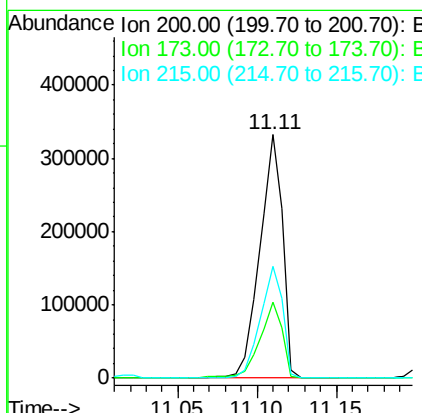
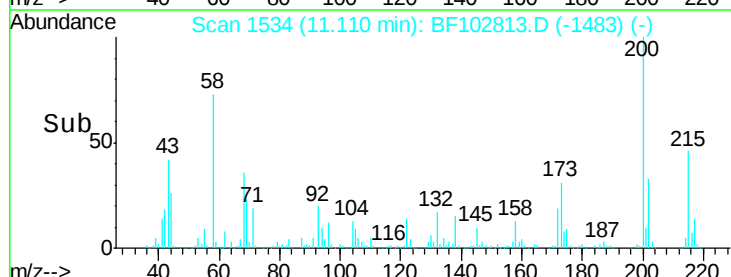
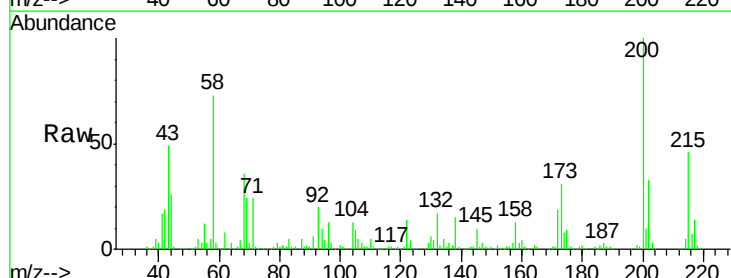
Manual Integrations
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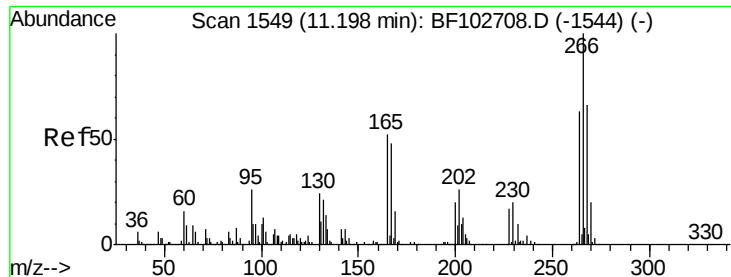
Sohil
2/8/2018 1:41:08 PM



#68
Atrazine
Concen: 48.065 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	334612		
173	31.3		8.6	48.6
215	45.6		25.1	65.1





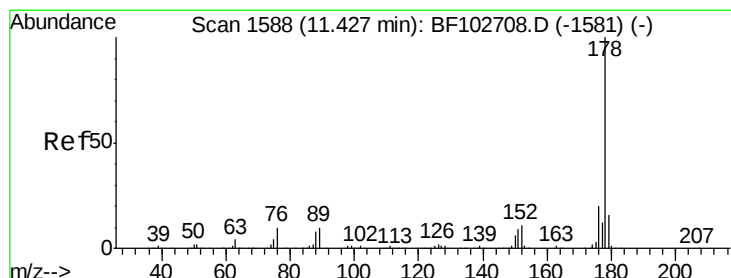
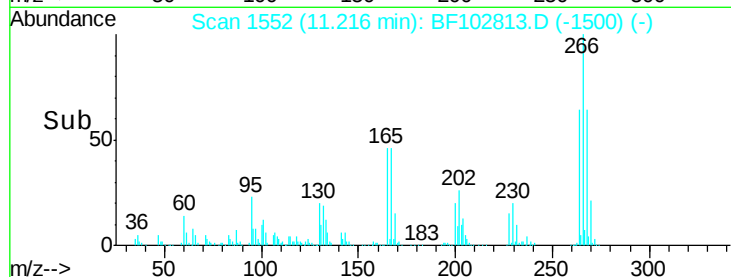
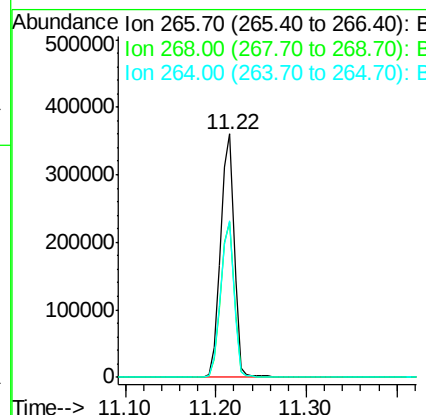
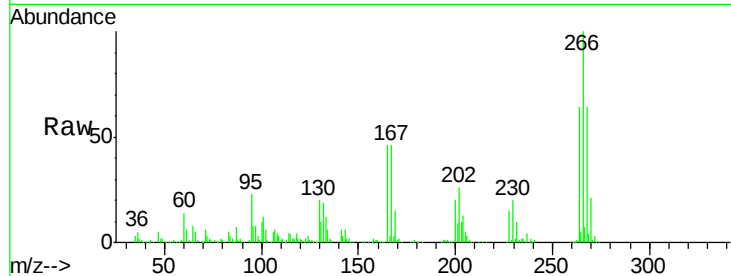
#69
 Pentachlorophenol
 Concen: 82.154 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :
 SB-01MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.2	49.5	74.3

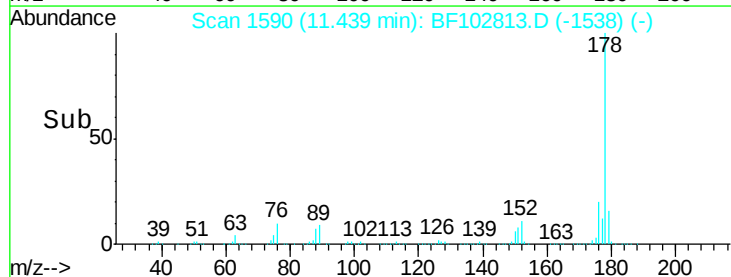
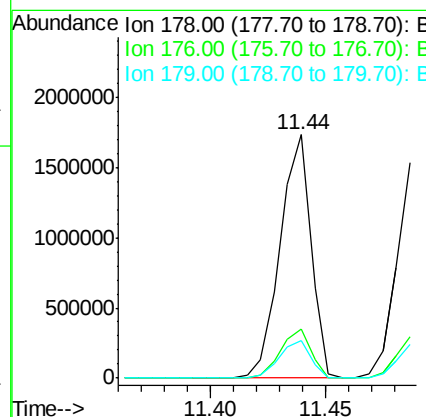
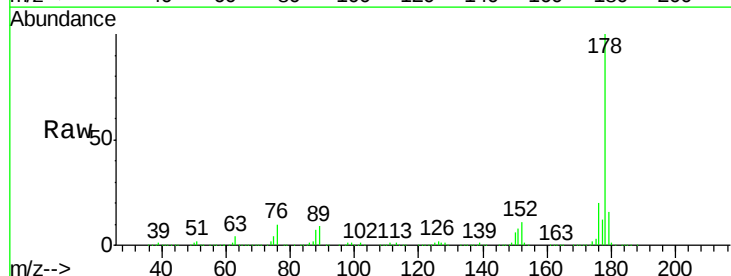
Manual Integrations
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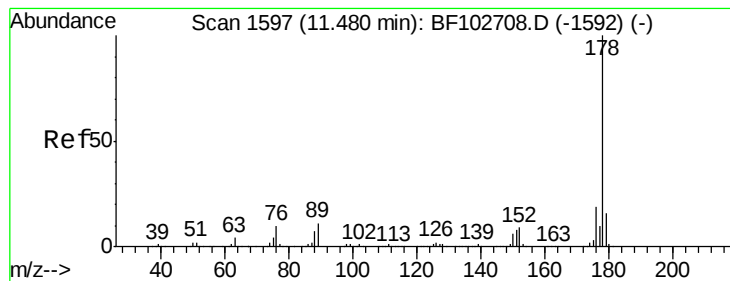
Sohil
 2/8/2018 1:41:08 PM



#70
 Phenanthrene
 Concen: 43.261 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.6	13.0	19.6





#71

Anthracene

Concen: 44.020 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:178 Resp: 1668173

Ion Ratio Lower Upper

178 100

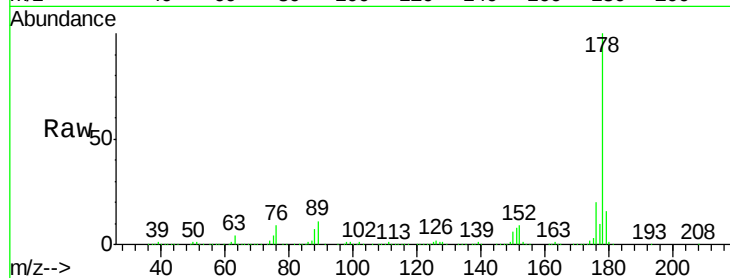
176 19.6 15.4 23.2

179 15.6 12.6 19.0

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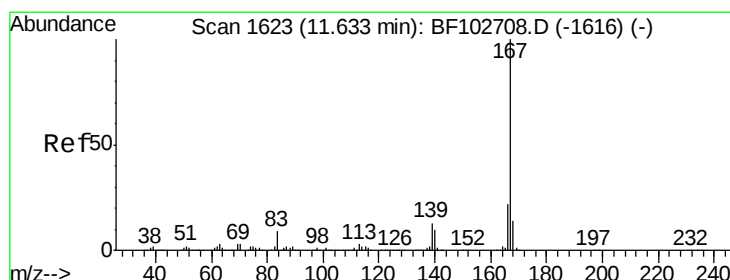
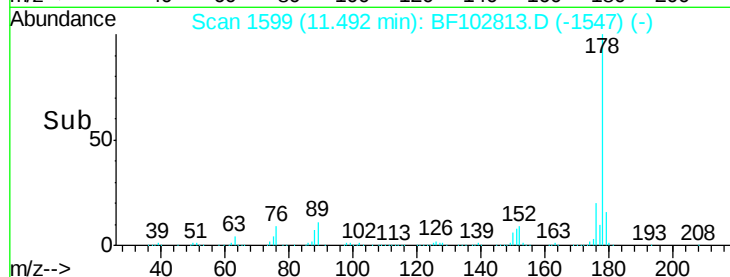
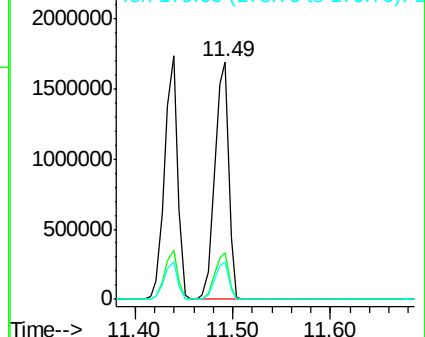
2/8/2018 1:41:08 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.850 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

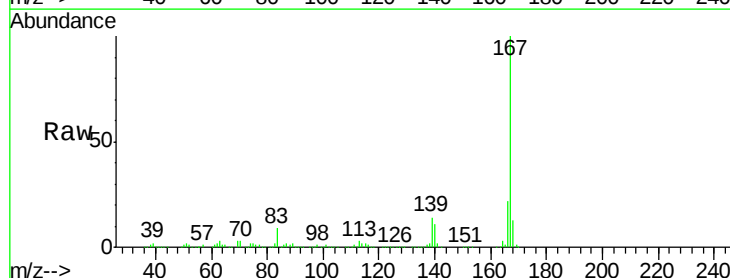
Tgt Ion:167 Resp: 1627996

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

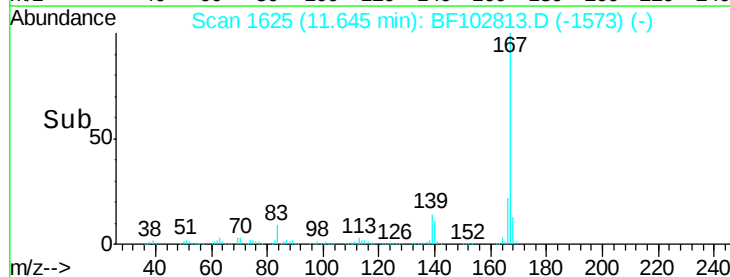
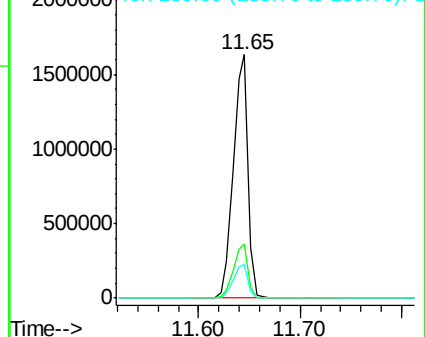
139 14.1 10.9 16.3

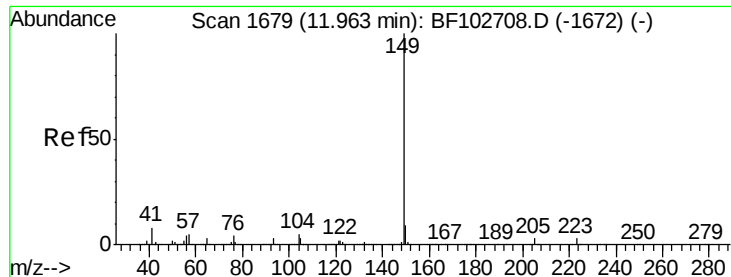


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.368 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:149 Resp: 2000938

Ion Ratio Lower Upper

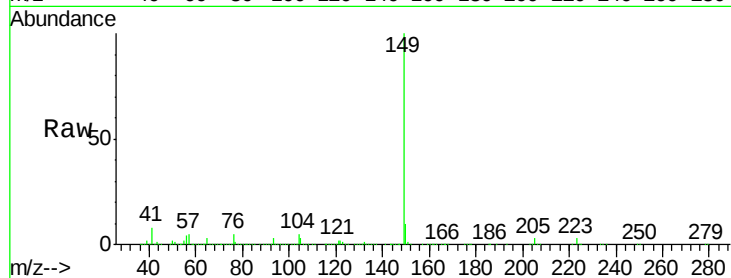
149 100

150 9.6 7.8 11.6

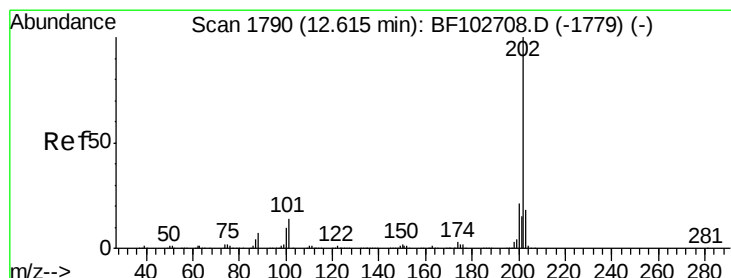
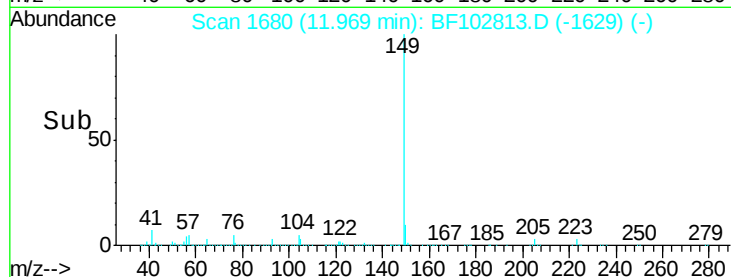
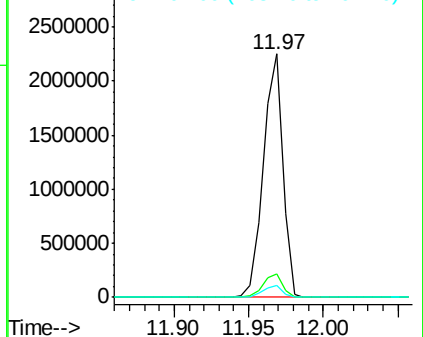
104 4.7 3.8 5.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.528 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

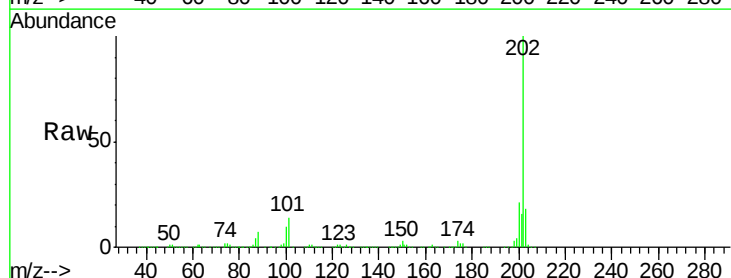
Tgt Ion:202 Resp: 1669215

Ion Ratio Lower Upper

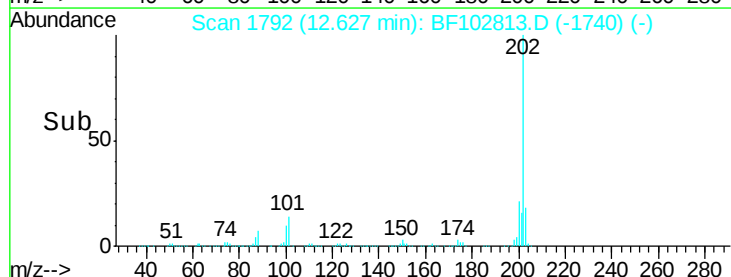
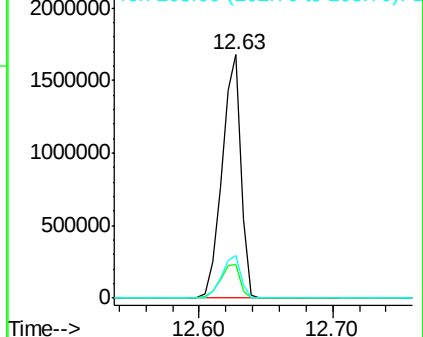
202 100

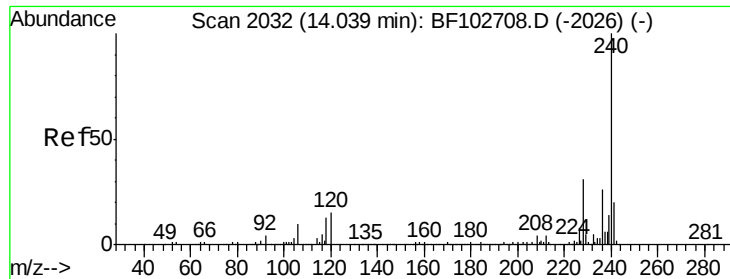
101 13.9 0.0 34.1

203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

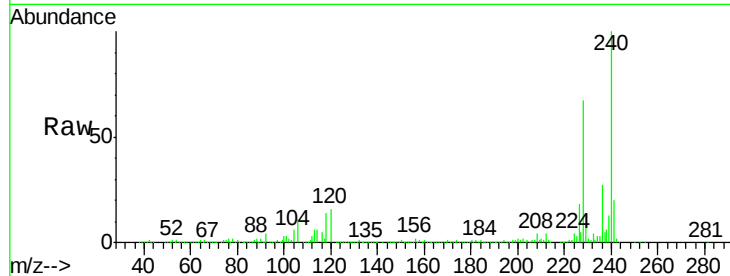
ClientSampleId :

SB-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	26.8	20.7	31.1

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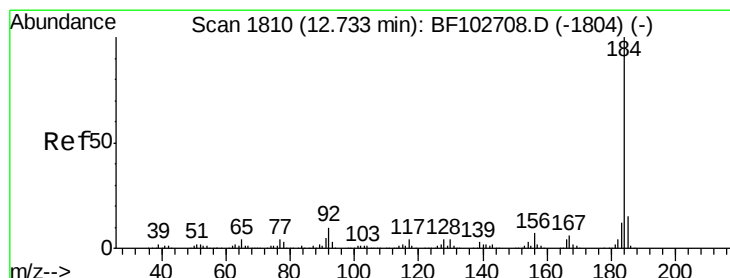
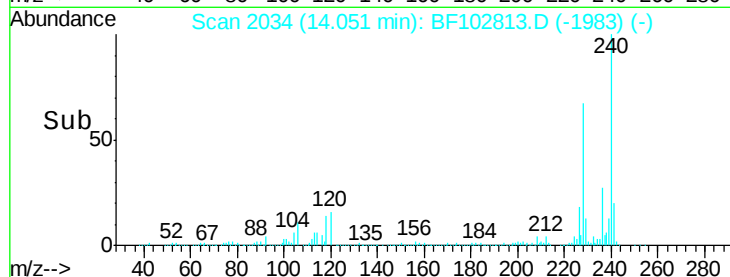
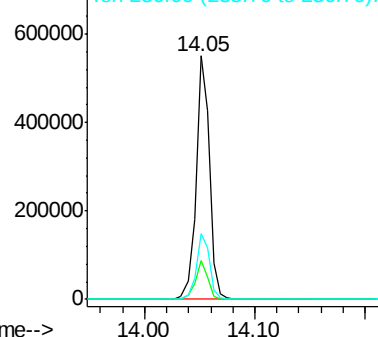
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.038 ng

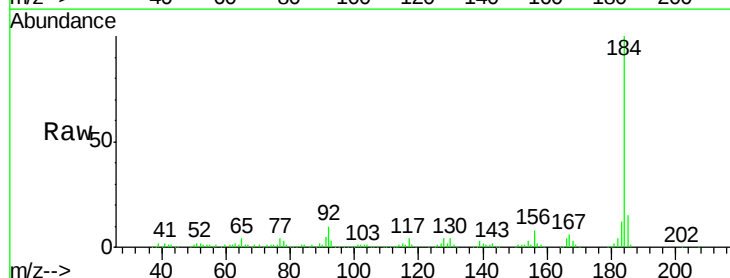
RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

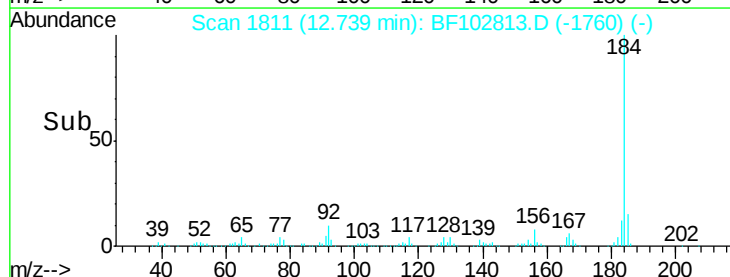
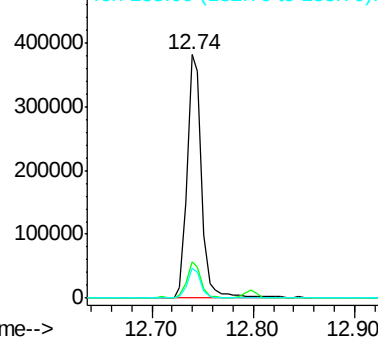
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.0	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





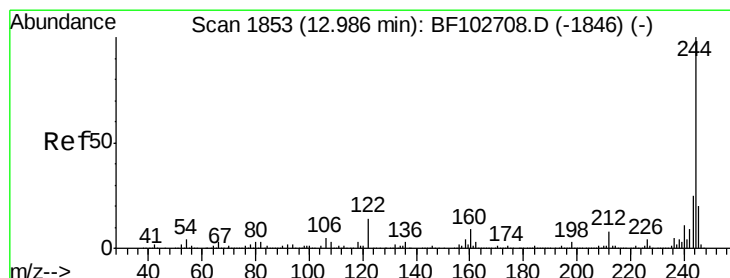
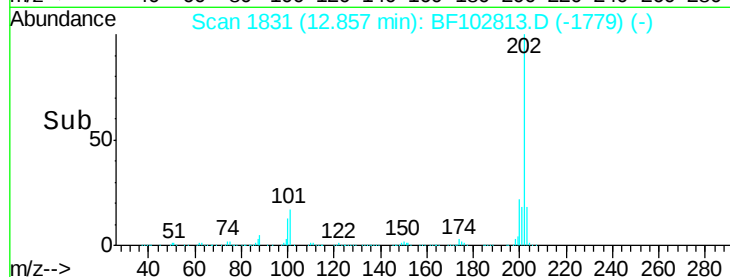
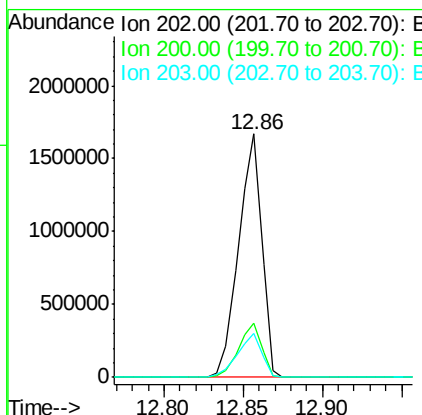
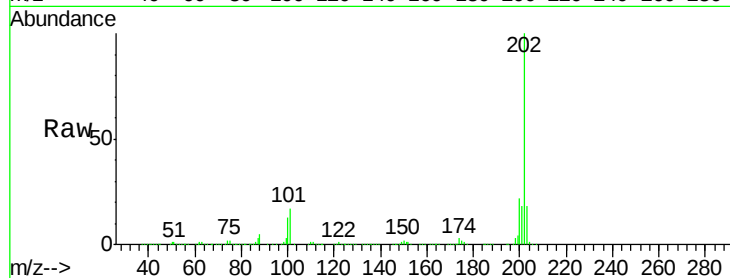
#77
Pvrene
Concen: 46.753 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion:202 Resp: 1693559
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.0 14.3 21.5

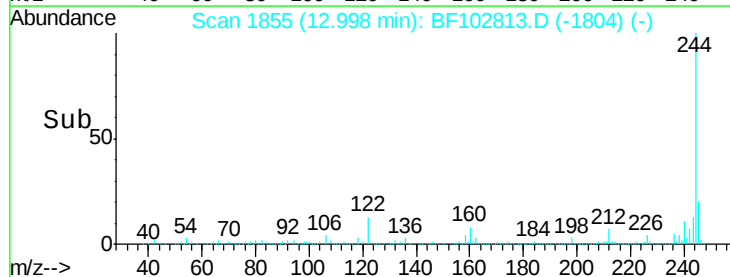
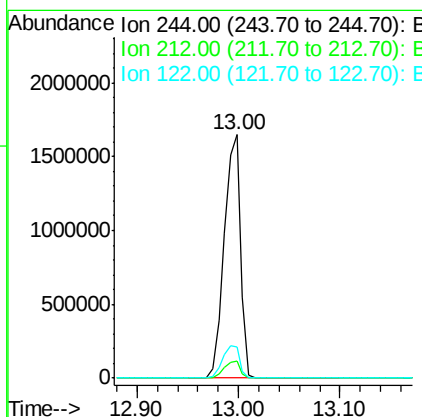
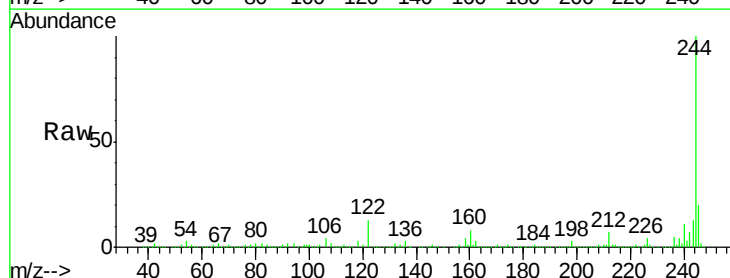
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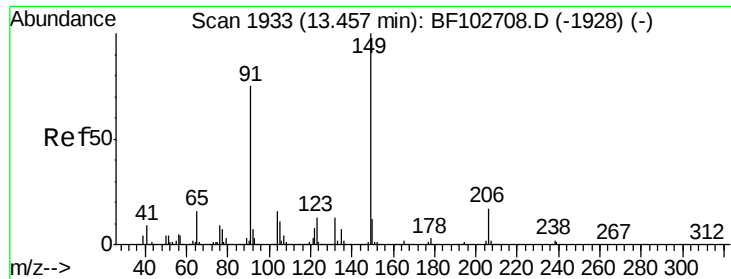
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#78
Terphenyl-d14
Concen: 94.070 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:244 Resp: 1835270
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.0 11.0 16.4





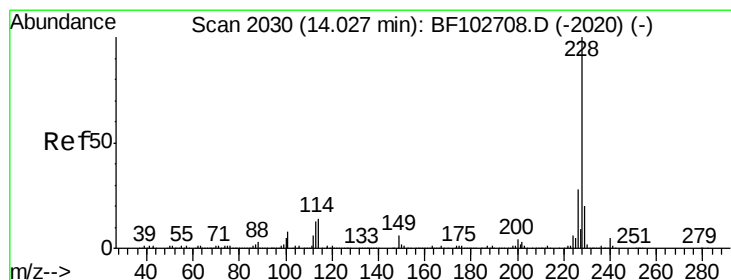
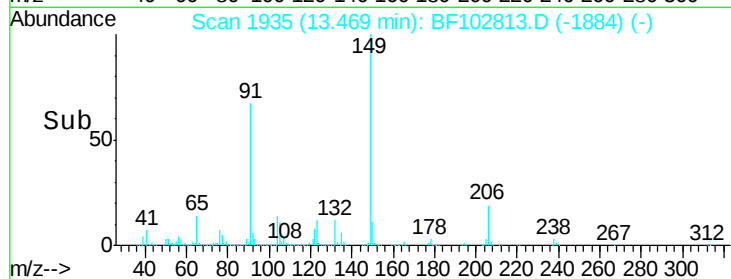
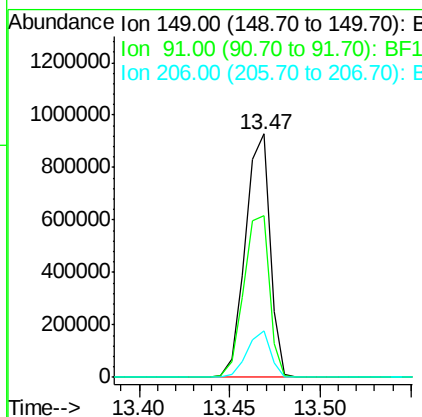
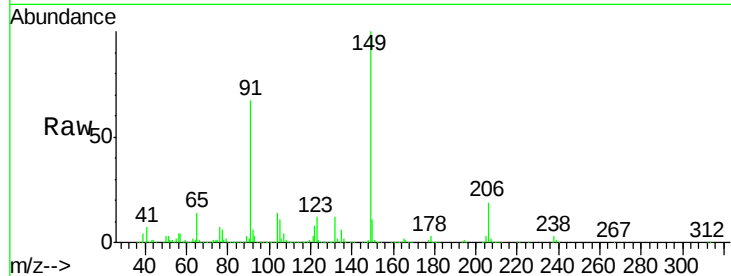
#79
Butylbenzylphthalate
Concen: 50.652 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	56.8	85.2
206	19.1	14.1	21.1

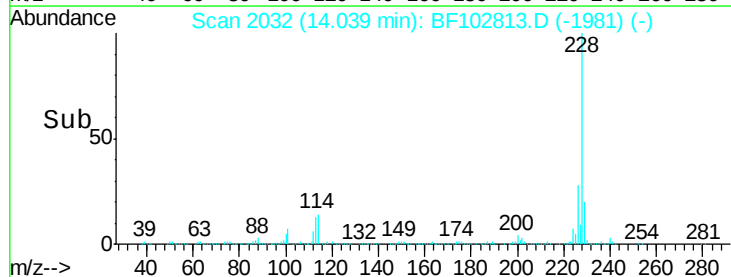
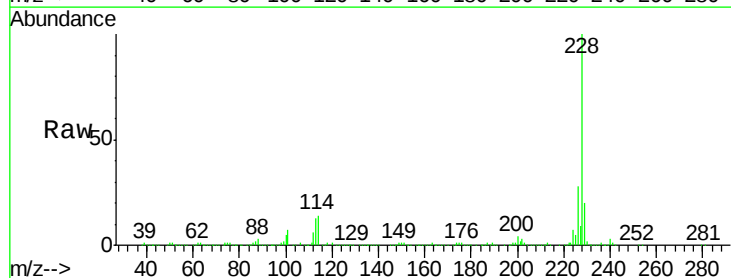
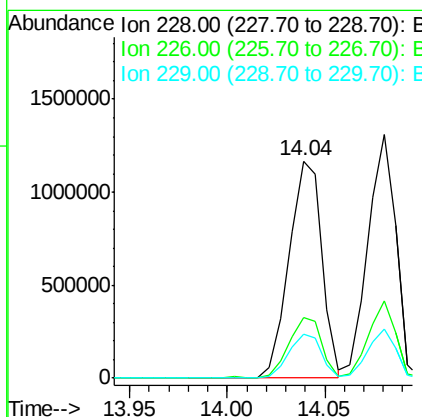
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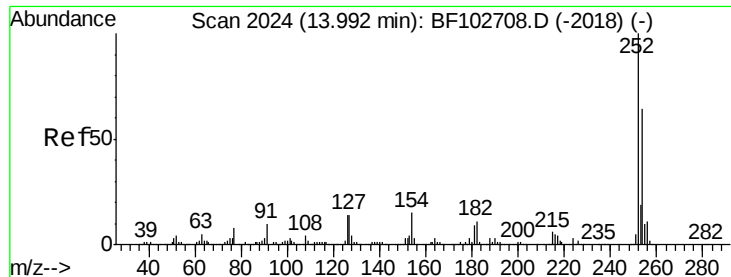
Sohil
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#80
Benzo(a)anthracene
Concen: 46.842 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	15.8	23.6





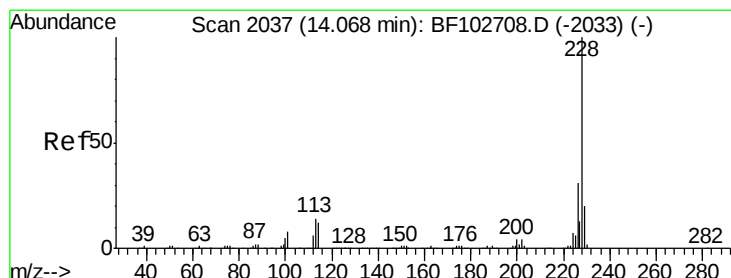
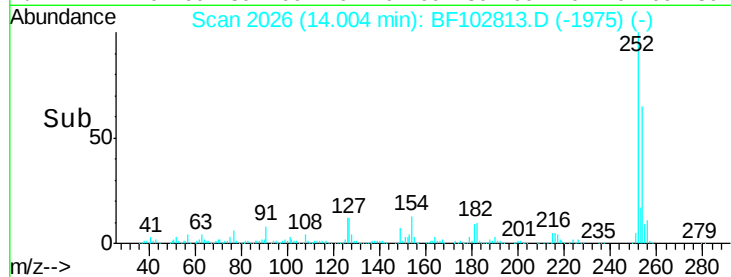
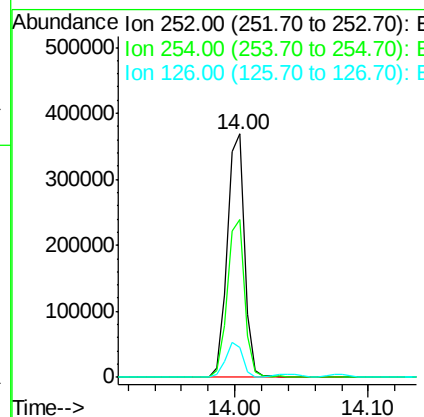
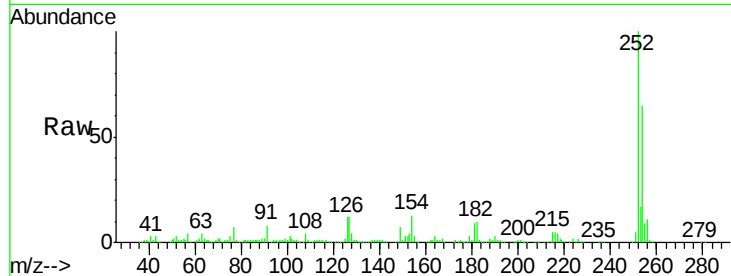
#81
 3,3'-Dichlorobenzidine
 Concen: 31.834 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :
 SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	342904		
254	64.8	50.4	75.6	
126	12.2	11.3	16.9	

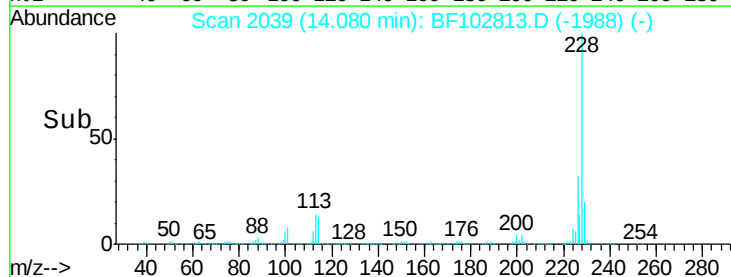
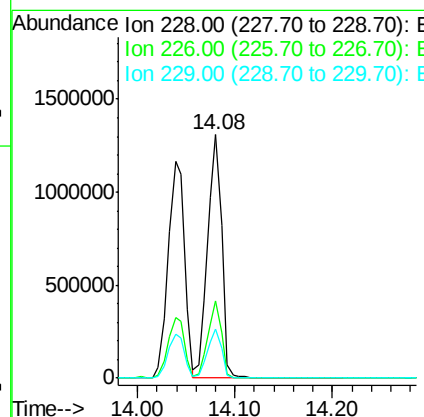
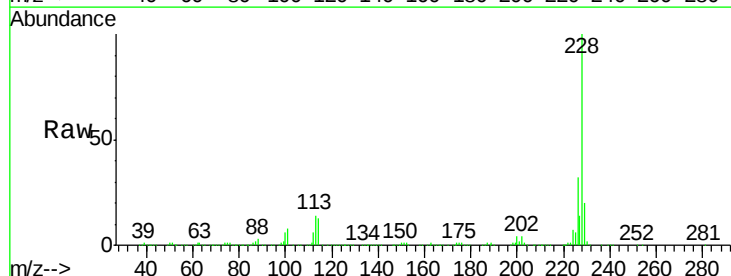
Manual Integrations
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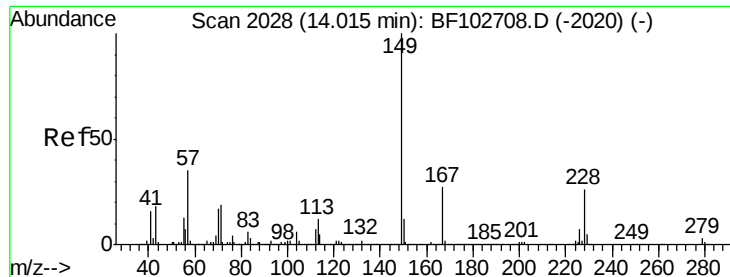
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#82
 Chrysene
 Concen: 44.784 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1311538		
226	31.9	25.0	37.6	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.822 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

SB-01MSD

Tot Ion:149 Resp: 1105550

Ion Ratio Lower Upper

149 100

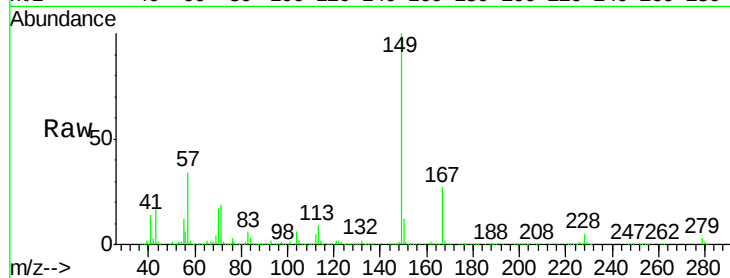
167 27.0 21.3 31.9

279 3.2 3.0 4.4

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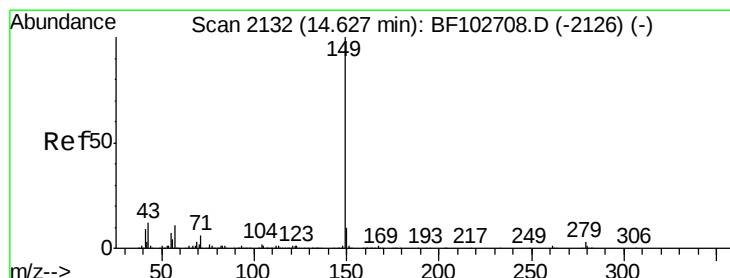
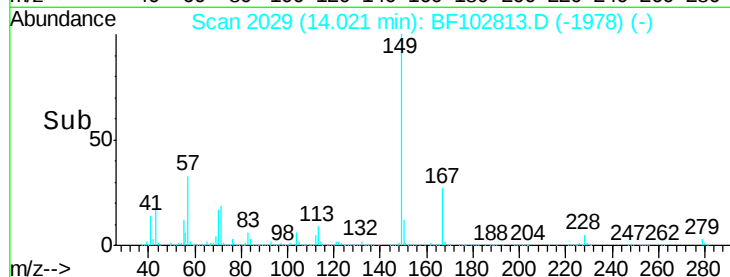
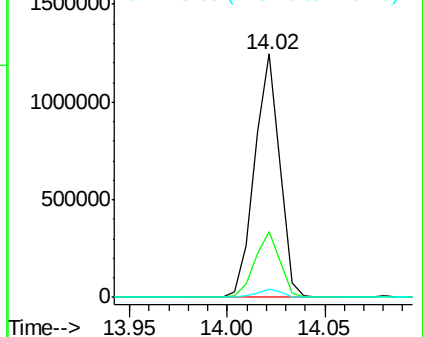
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.512 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

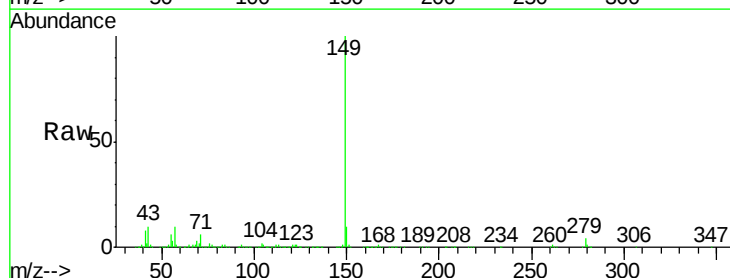
Tgt Ion:149 Resp: 1716339

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

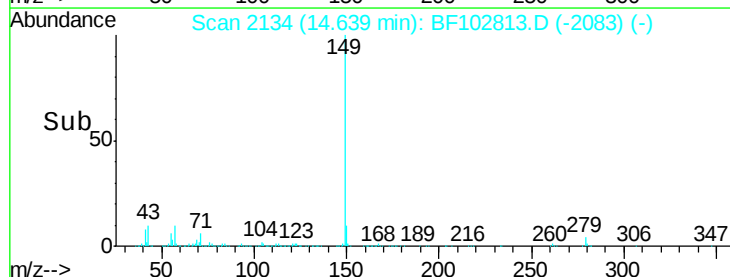
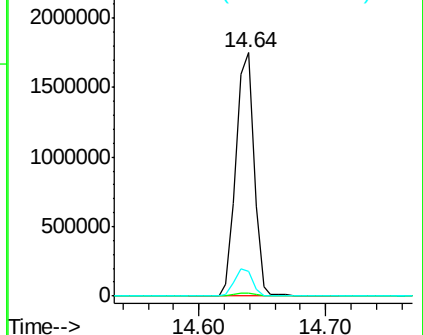
43 11.1 8.4 12.6

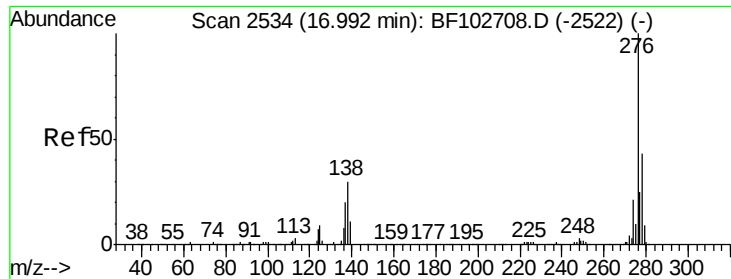


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





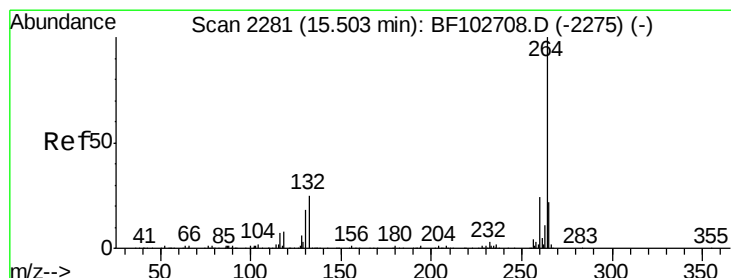
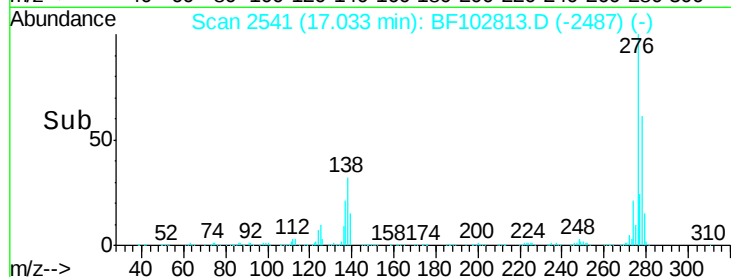
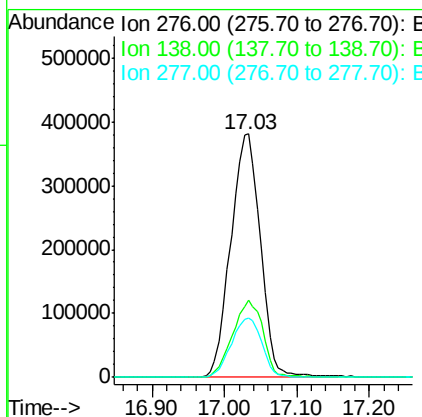
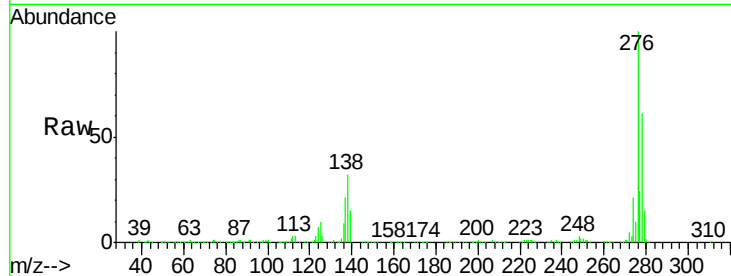
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.731 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

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

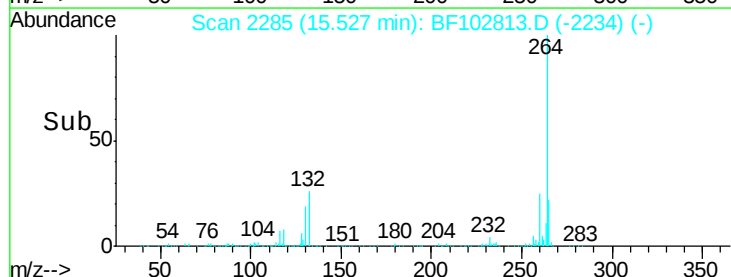
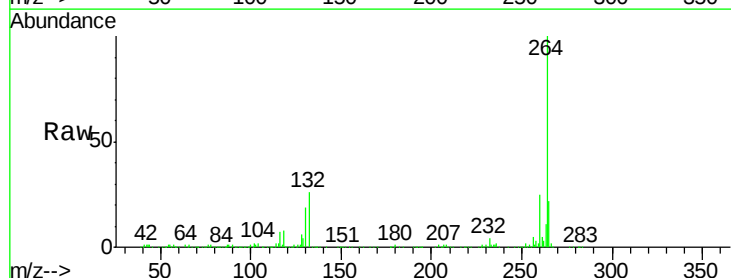
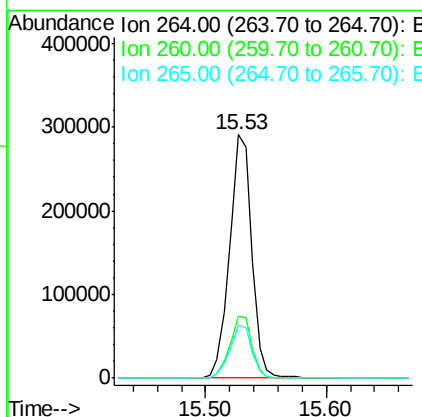
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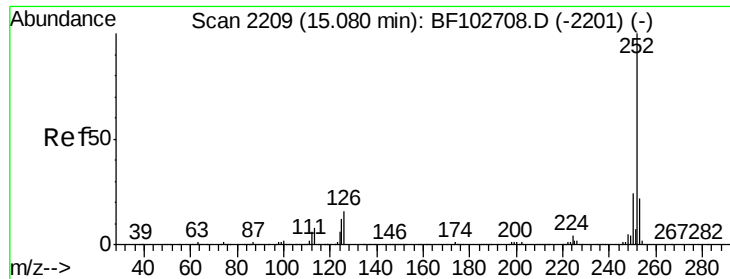
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.0	17.5	26.3





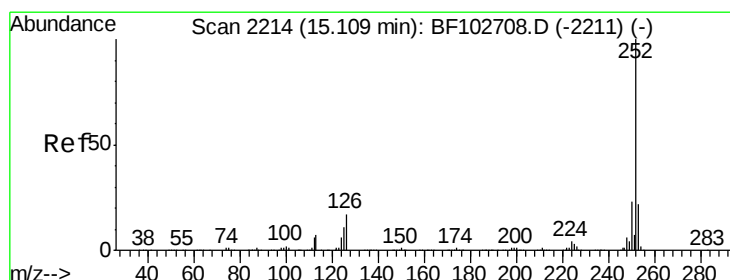
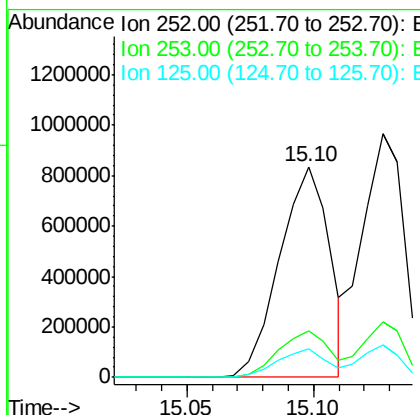
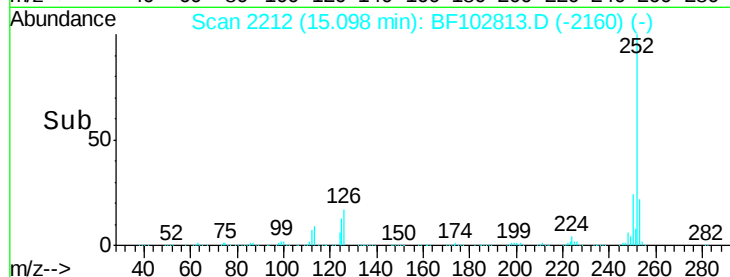
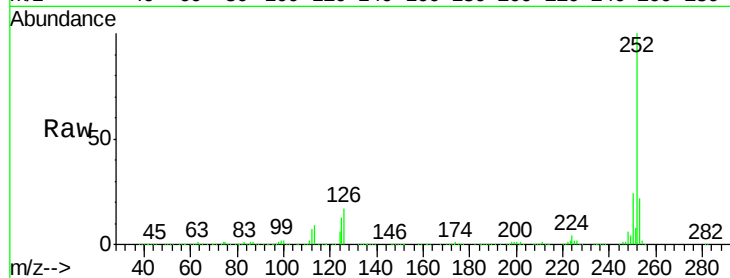
#87
Benzo(b)fluoranthene
Concen: 47.298 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion:252 Resp: 1146890
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.4 9.0 13.6

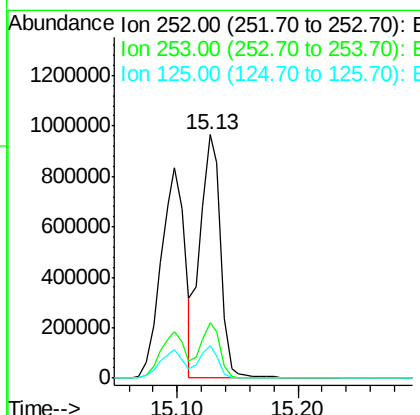
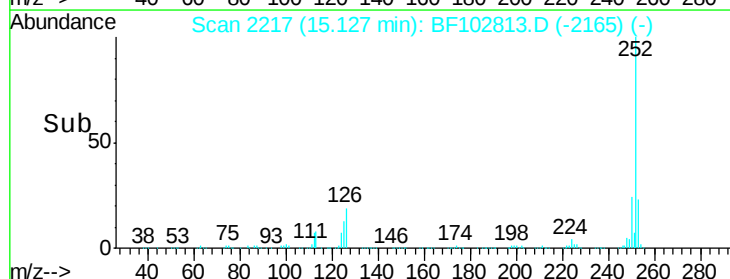
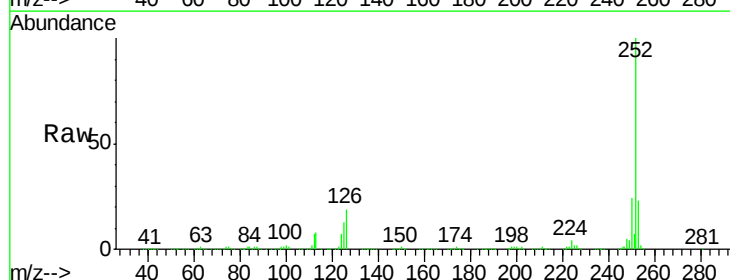
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#88
Benzo(k)fluoranthene
Concen: 48.468 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:252 Resp: 1122949
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.3 10.2 15.2





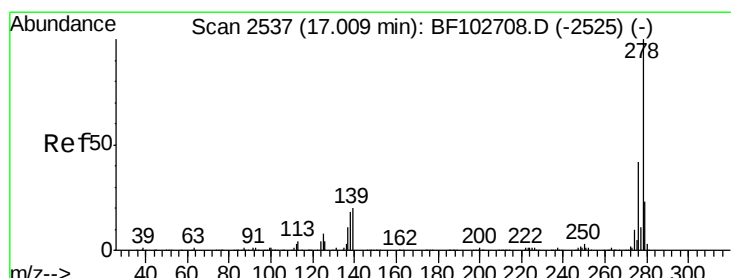
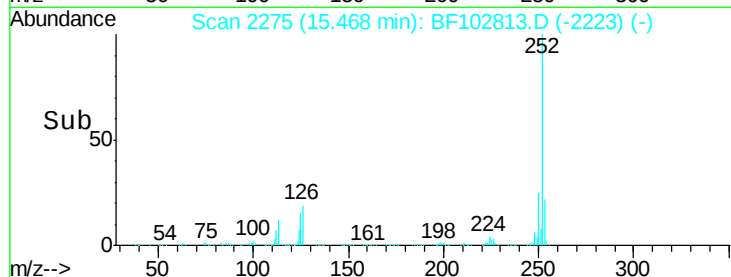
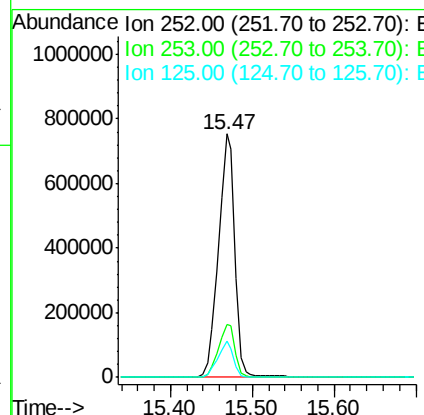
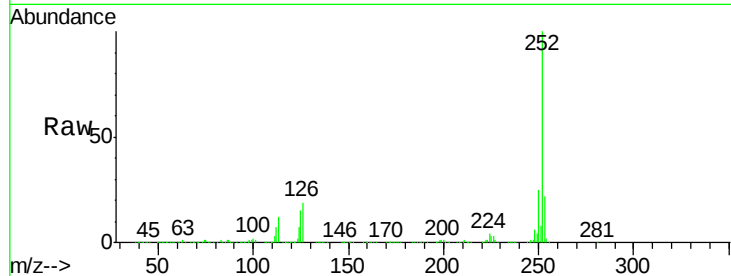
#89
Benzo(a)pyrene
Concen: 48.300 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.7	9.8	14.6

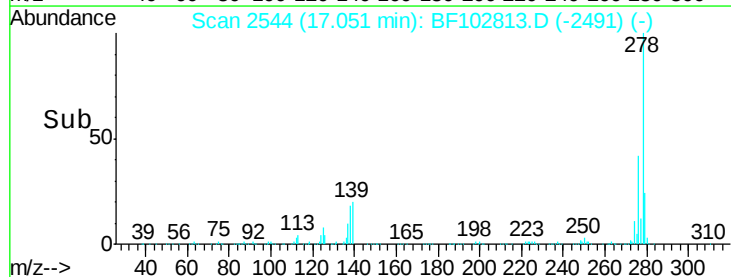
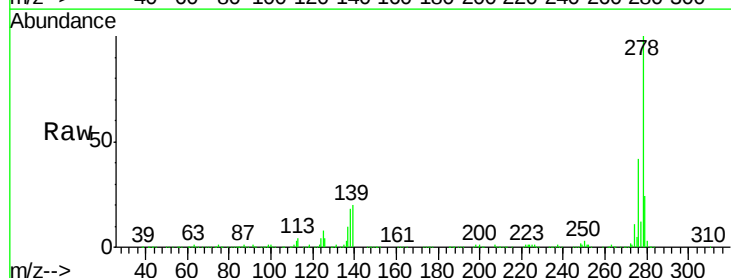
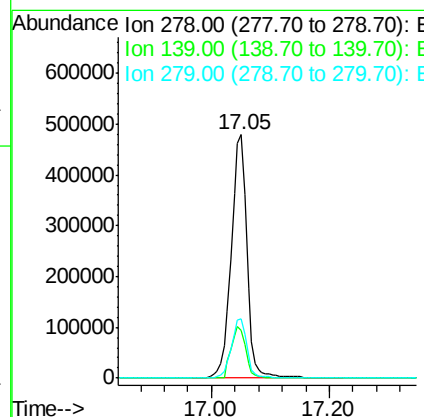
Manual Integrations
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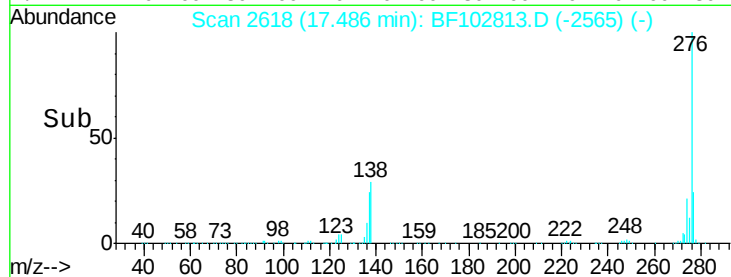
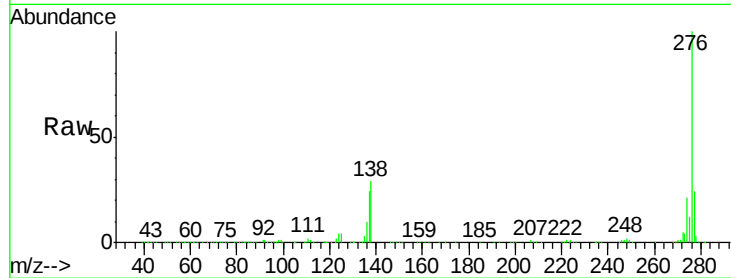
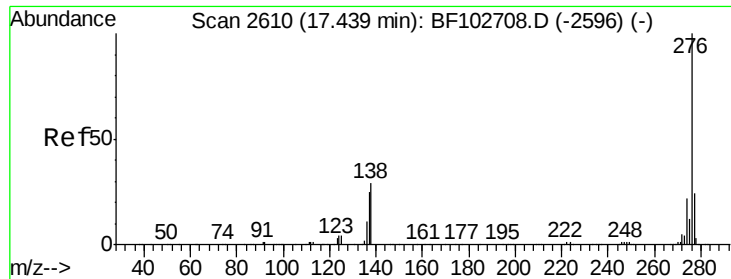
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#90
Dibenzo(a,h)anthracene
Concen: 50.297 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.167 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.9	21.8	32.8

Manual Integrations
 APPROVED

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 2/8/2018 1:41:08 PM

