

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111186.D
 Acq On : 7 Dec 2018 14:53
 Operator : JU/SJ
 Sample : PB115267BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:42 AM

Quant Time: Dec 10 13:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 16:40:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	395728	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1590566	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	726846	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1249025	20.00	ng	0.00
76) Chrysene-d12	13.96	240	810764	20.00	ng	0.01
87) Perylene-d12	15.40	264	599125	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2958400	116.66	ng	0.02
7) Phenol-d6	6.44	99	3763519	115.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	1951160	72.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	793679	137.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3239956	82.01	ng	0.00
79) Terphenyl-d14	12.91	244	2963535	74.86	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.65	88	479188	32.851 ng	99
3) Pyridine	3.38	79	1336556	41.313 ng	97
4) n-Nitrosodimethylamine	3.32	42	682284	42.833 ng	94
6) Aniline	6.47	93	1399768	32.072 ng	99
8) 2-Chlorophenol	6.59	128	1190491	40.728 ng	94
9) Benzaldehyde	6.35	77	504750	25.843 ng	96
10) Phenol	6.45	94	1478912	41.519 ng	94
11) bis(2-Chloroethyl)ether	6.55	93	1145421	39.345 ng	96
12) 1,3-Dichlorobenzene	6.75	146	1258865	40.495 ng	97
13) 1,4-Dichlorobenzene	6.82	146	1265017	40.437 ng	98
14) 1,2-Dichlorobenzene	6.98	146	1190949	40.924 ng	99
15) Benzyl Alcohol	6.95	79	1048946	40.525 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2262767	39.957 ng	100
17) 2-Methylphenol	7.06	107	986044	41.095 ng	99
18) Hexachloroethane	7.32	117	486037	41.415 ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	848264	38.639 ng	99
20) 3+4-Methylphenols	7.21	107	1172123	40.052 ng	96
22) Acetophenone	7.22	105	1600389	41.636 ng	# 91
24) Nitrobenzene	7.39	77	1258816	43.553 ng	100
25) Isophorone	7.63	82	2289237	46.430 ng	100
26) 2-Nitrophenol	7.70	139	617300	50.546 ng	92
27) 2,4-Dimethylphenol	7.75	122	1109058	48.220 ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1449906	43.439 ng	99
29) 2,4-Dichlorophenol	7.95	162	990459	43.743 ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	982431	42.986 ng	99
31) Naphthalene	8.11	128	3388764	48.934 ng	97
32) Benzoic acid	7.86	122	703813	46.404 ng	98
33) 4-Chloroaniline	8.15	127	809553	24.184 ng	98
34) Hexachlorobutadiene	8.23	225	526298	42.374 ng	99
35) Caprolactam	8.52	113	330505m	39.755 ng	
36) 4-Chloro-3-methylphenol	8.64	107	1053072	42.460 ng	98
37) 2-Methylnaphthalene	8.80	142	2259120	47.293 ng	99
38) 1-Methylnaphthalene	8.90	142	2133935	46.465 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	803567	41.481 ng	98

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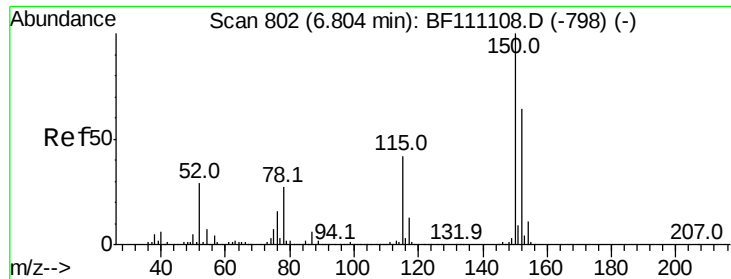
Manual Integrations
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Quant Time: Dec 10 13:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1064644	104.227	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	659904	46.641	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	662719	46.207	nq	98
46) 1,1'-Biphenyl	9.27	154	2507489	42.142	nq	97
47) 2-Chloronaphthalene	9.29	162	2018020	43.646	nq	97
48) 2-Nitroaniline	9.38	65	683154	45.592	nq	97
49) Acenaphthylene	9.70	152	3132524	48.469	nq	98
50) Dimethylphthalate	9.57	163	2274098	44.955	nq	99
51) 2,6-Dinitrotoluene	9.62	165	521235	48.601	nq #	88
52) Acenaphthene	9.88	154	2061934	48.292	nq	100
53) 3-Nitroaniline	9.79	138	425962	31.619	nq	99
54) 2,4-Dinitrophenol	9.90	184	390115	111.928	nq #	67
55) Dibenzofuran	10.05	168	2727174	46.374	nq	97
56) 4-Nitrophenol	9.95	139	909778	89.617	nq	98
57) 2,4-Dinitrotoluene	10.03	165	688274	49.690	nq	98
58) Fluorene	10.39	166	2020213	48.714	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	535913m	50.064	nq	
60) Diethylphthalate	10.27	149	2222025	43.954	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	903332	44.200	nq	97
62) 4-Nitroaniline	10.40	138	577267	47.477	nq	98
63) Azobenzene	10.55	77	2303472	42.799	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	265771	51.504	nq	98
66) n-Nitrosodiphenylamine	10.50	169	1879391	42.972	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	571553	43.228	nq	95
68) Hexachlorobenzene	10.95	284	593717	43.916	nq	97
69) Atrazine	11.03	200	585665	50.305	nq	99
70) Pentachlorophenol	11.13	266	689383	77.541	nq	98
71) Phenanthrene	11.35	178	2874703	47.848	nq	98
72) Anthracene	11.40	178	2936286	48.485	nq	99
73) Carbazole	11.56	167	2726279	43.264	nq	97
74) Di-n-butylphthalate	11.89	149	3255205	44.129	nq	100
75) Fluoranthene	12.54	202	2813420	47.855	nq	97
77) Benzidine	12.65	184	1336115	49.418	nq	99
78) Pyrene	12.77	202	2860009	45.279	nq	98
80) Butylbenzylphthalate	13.39	149	1371549	44.949	nq	99
81) Benzo(a)anthracene	13.95	228	2101755	44.245	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	490096	27.339	nq	99
83) Chrysene	13.99	228	2112094	44.788	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1594186	43.253	nq	98
85) Di-n-octyl phthalate	14.56	149	2608941	45.027	nq	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1614509	42.641	nq #	87
88) Benzo(b)fluoranthene	14.99	252	1747053	51.461	nq	96
89) Benzo(k)fluoranthene	15.02	252	1617458	49.283	nq	100
90) Benzo(a)pyrene	15.34	252	1538664	49.412	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1332618	50.996	nq	98
92) Benzo(g,h,i)perylene	17.24	276	1385171	52.749	nq	100

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



#1

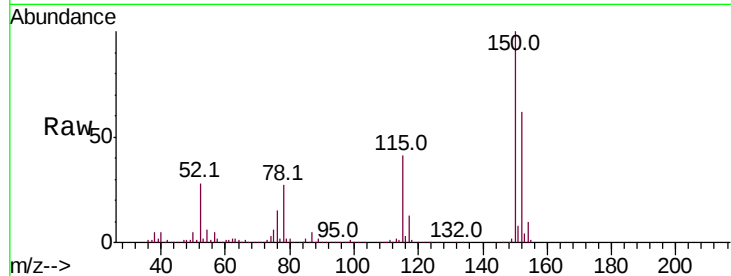
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	187.0
115	66.5	52.2	78.2

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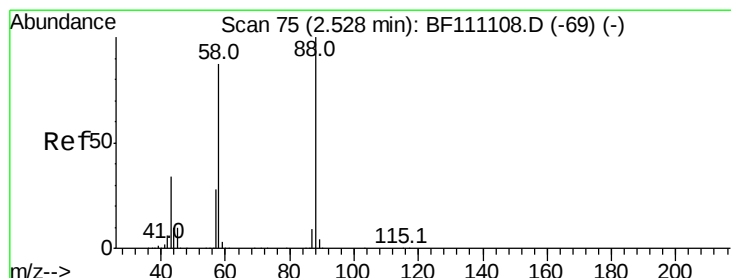
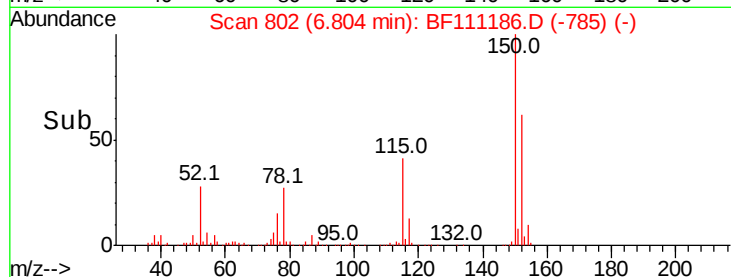
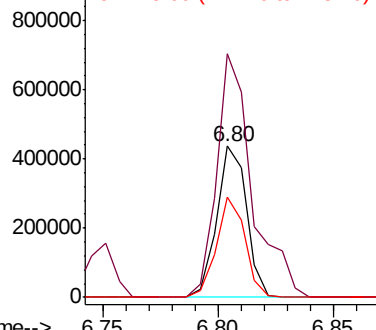


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

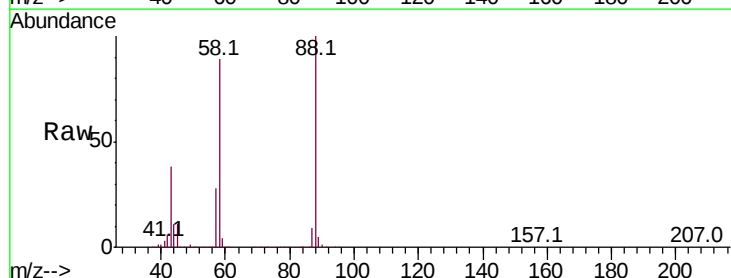
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.851 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.12 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	70.8	106.2
43	36.7	28.3	42.5

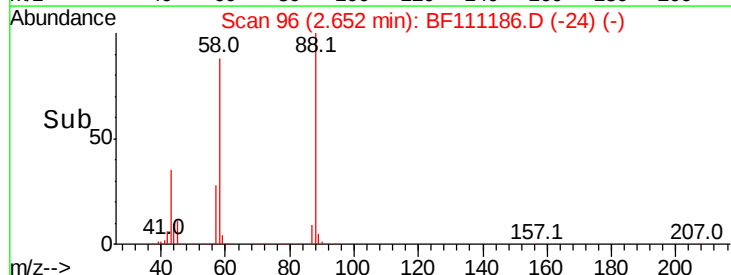
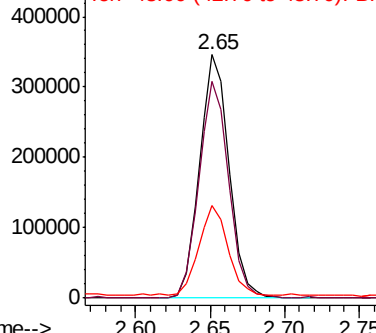


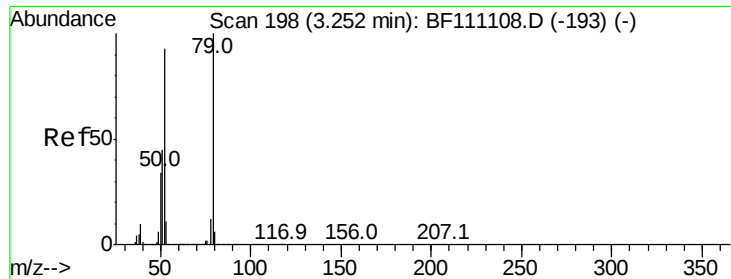
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





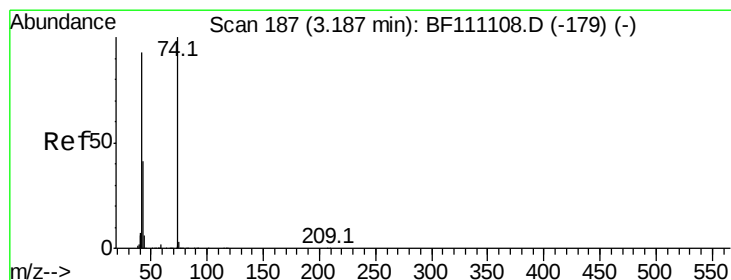
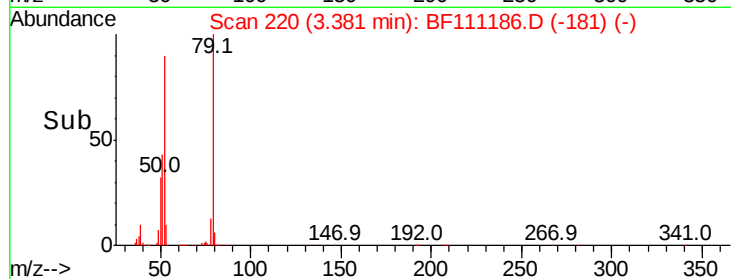
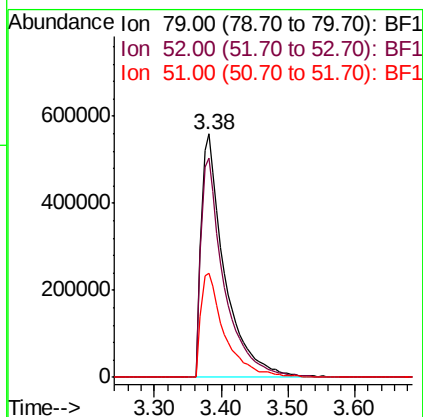
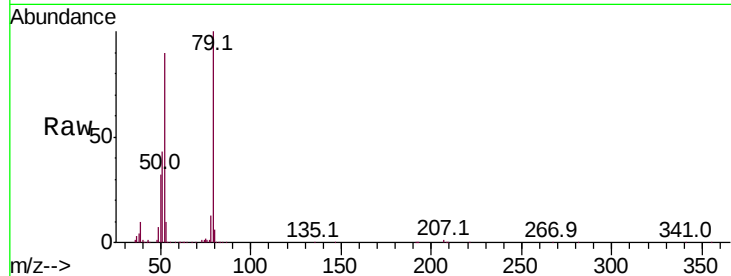
#3
 Pvridine
 Concen: 41.313 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion: 79 Resp: 1336556
 Ion Ratio Lower Upper
 79 100
 52 90.2 74.7 112.1
 51 42.7 35.9 53.9

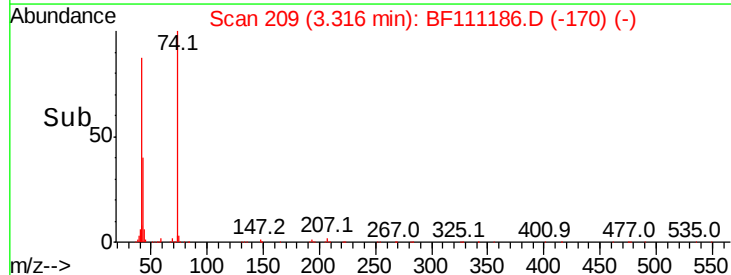
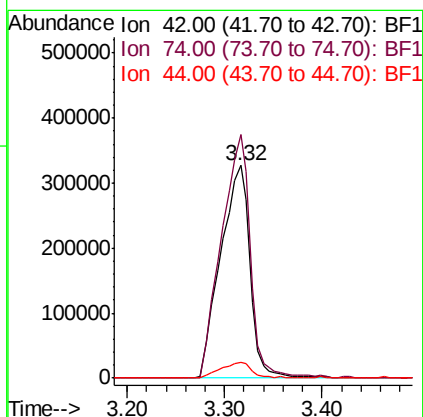
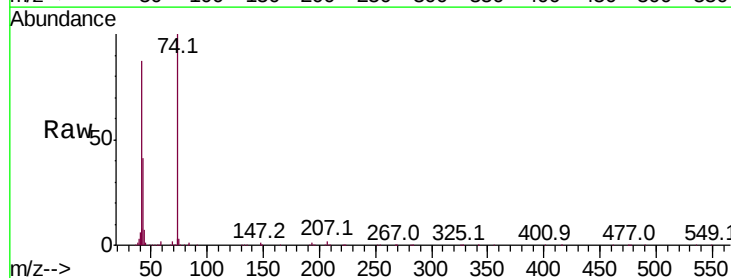
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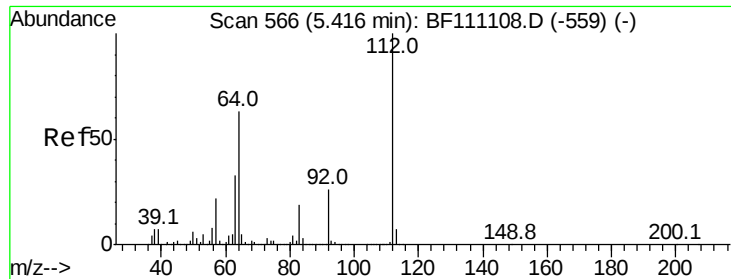
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#4
 n-Nitrosodimethylamine
 Concen: 42.833 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.13 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 42 Resp: 682284
 Ion Ratio Lower Upper
 42 100
 74 114.7 86.2 129.2
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 116.657 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion:112 Resp: 2958400

Ion Ratio Lower Upper

112 100

64 61.4 50.2 75.4

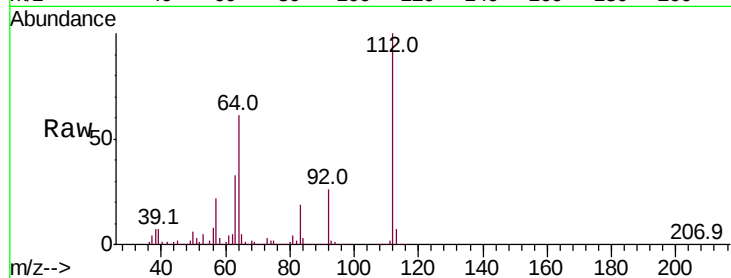
63 33.0 26.6 39.8

Manual Integrations

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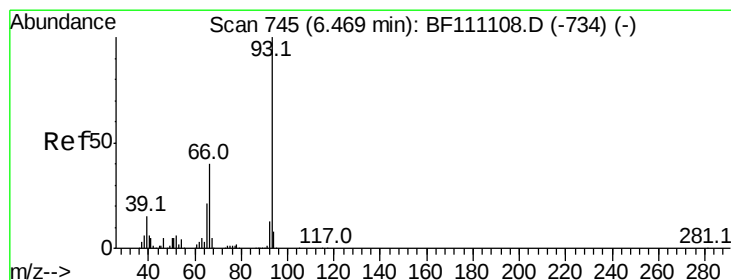
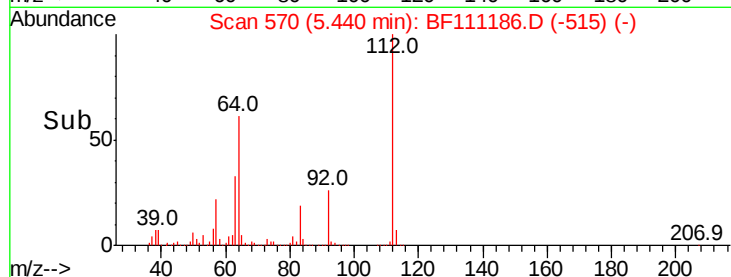
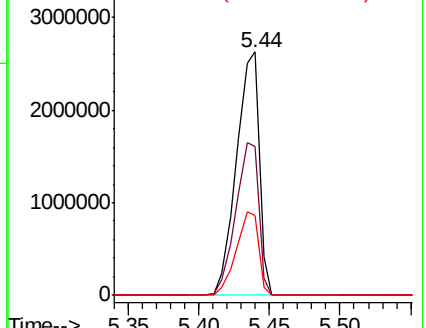
12/11/2018 8:44:42 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.072 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

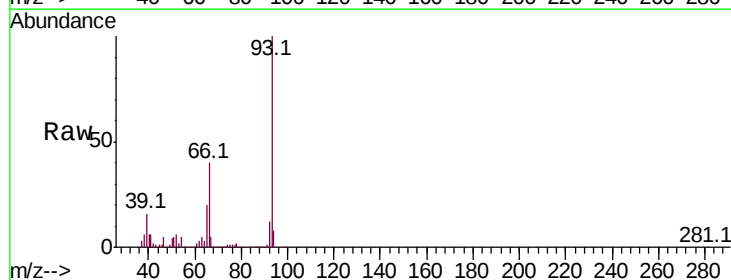
Tgt Ion: 93 Resp: 1399768

Ion Ratio Lower Upper

93 100

66 39.7 31.8 47.8

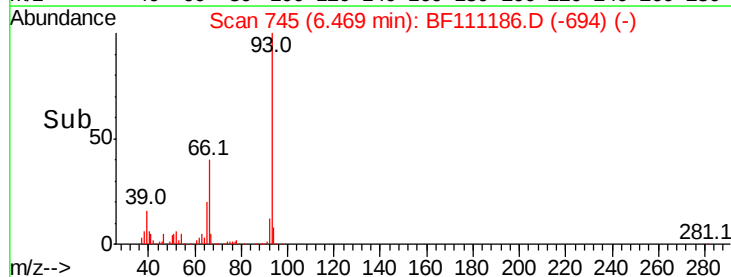
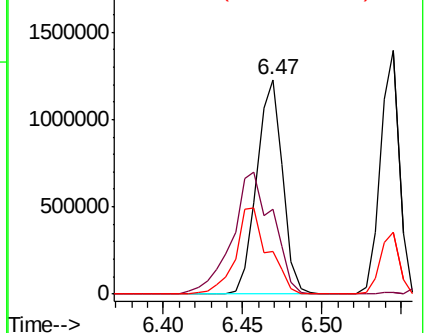
65 20.0 16.6 24.8

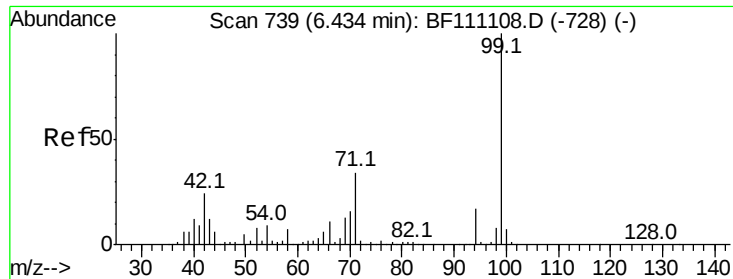


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.206 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion: 99 Resp: 3763519

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

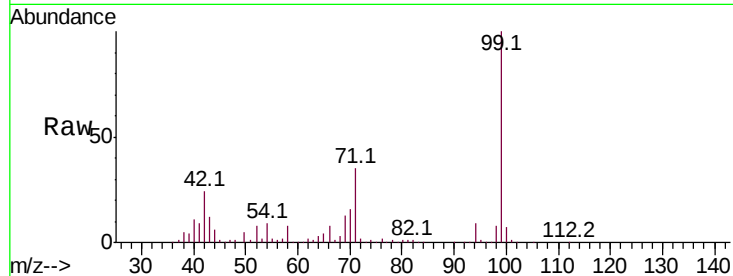
71 35.1 27.4 41.2

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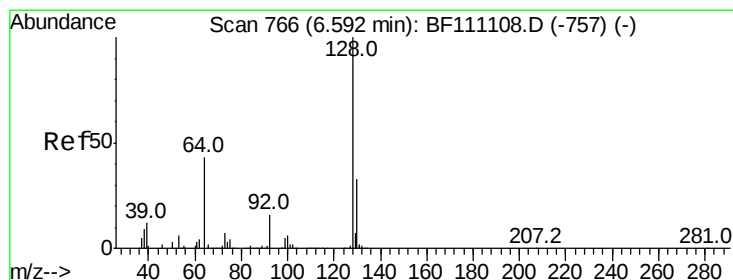
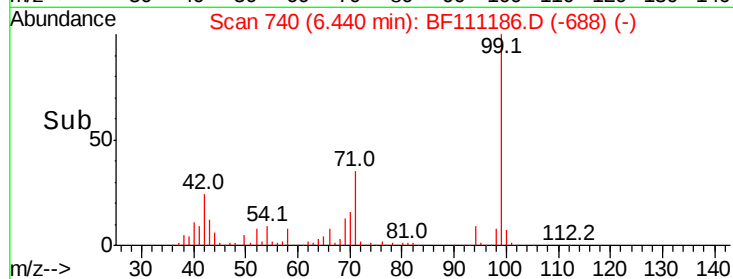
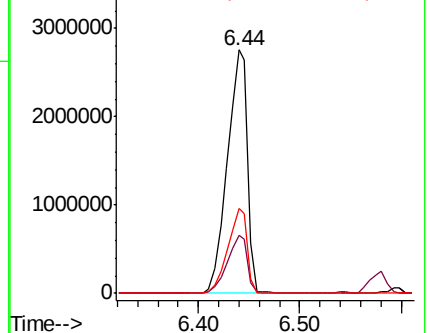
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.728 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

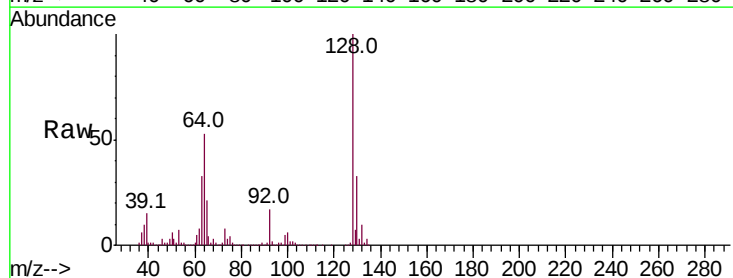
Tgt Ion:128 Resp: 1190491

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

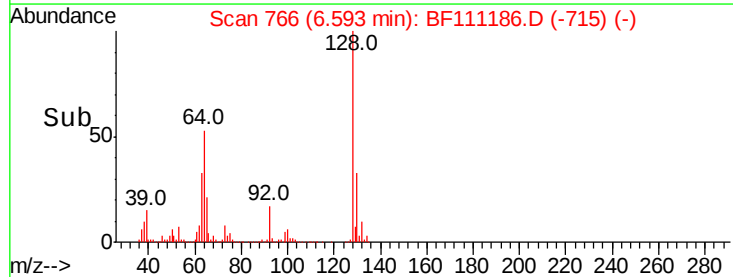
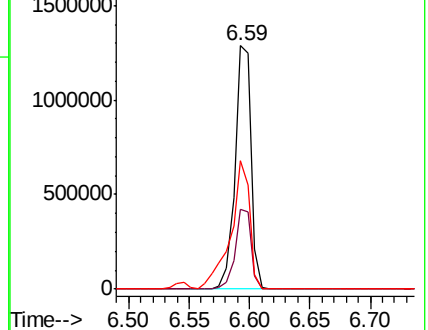
64 52.9 26.6 66.6

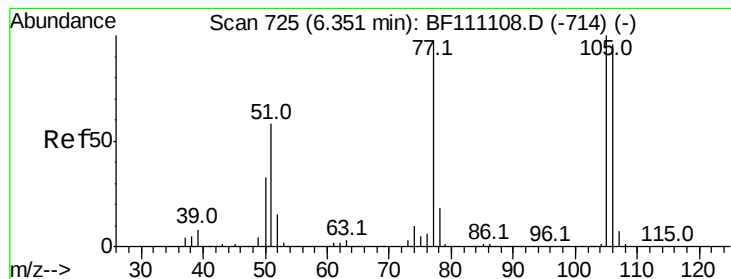


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.843 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

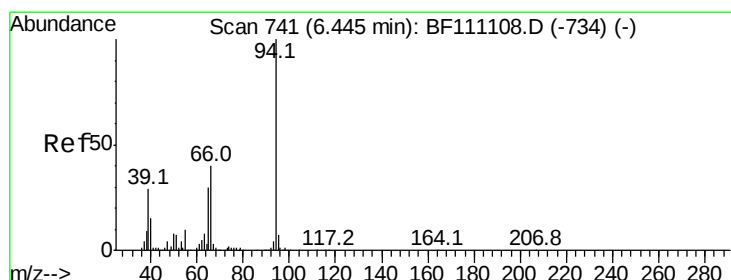
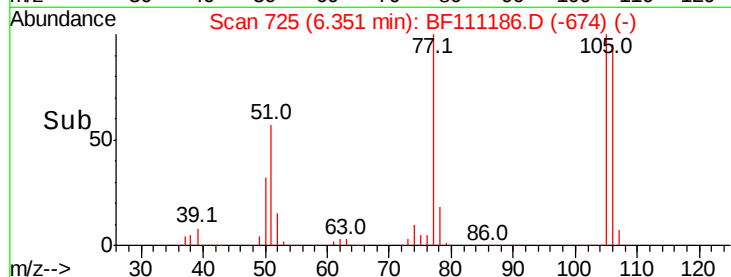
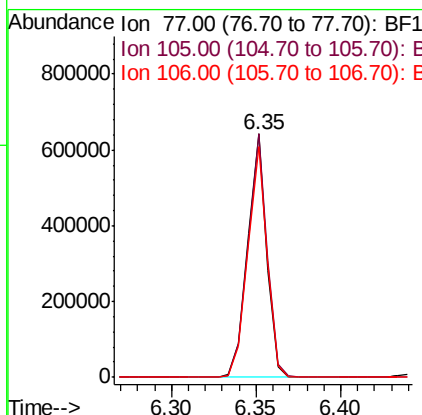
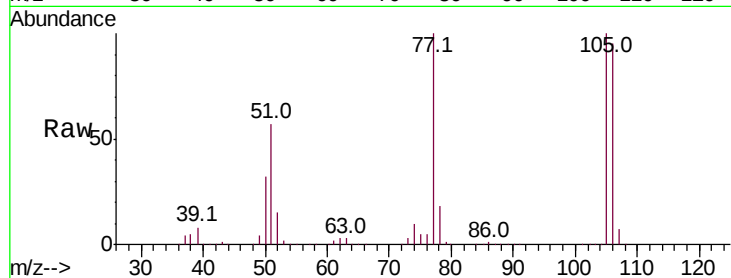
ClientSampled :

PB115267BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	83.1	123.1
106	94.7	79.0	119.0

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#10

Phenol

Concen: 41.519 ng

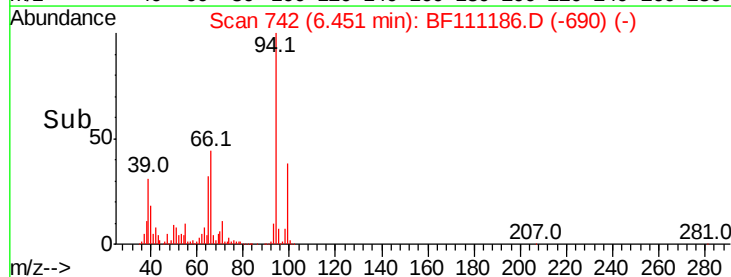
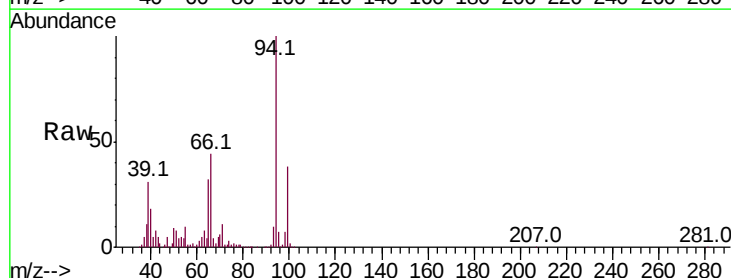
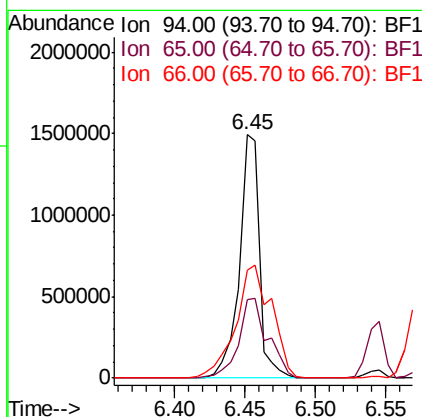
RT: 6.45 min Scan# 742

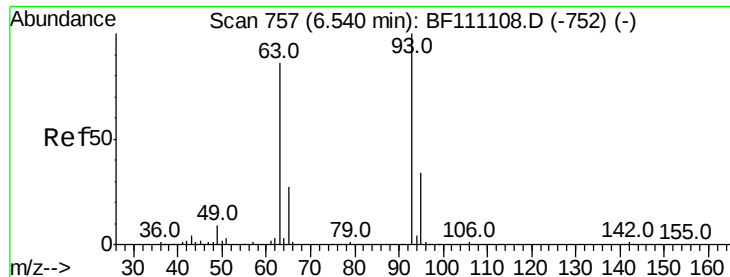
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.5	50.5
66	44.5	19.8	59.8





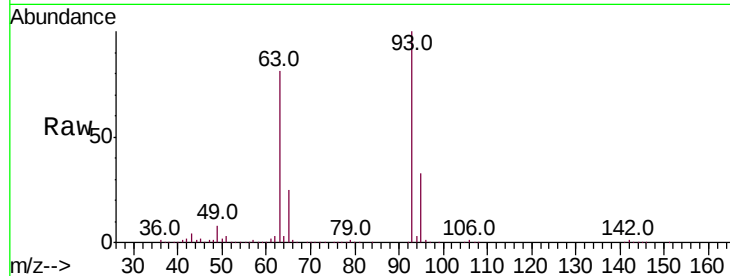
#11
bis(2-Chloroethyl)ether
Concen: 39.345 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

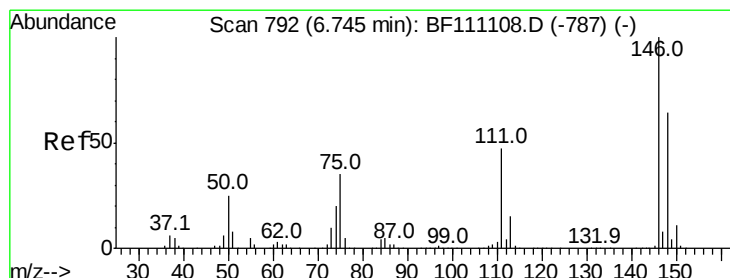
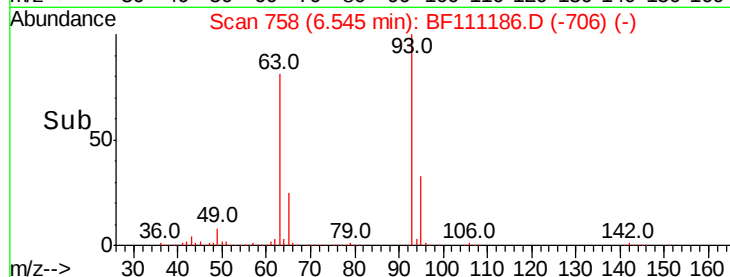
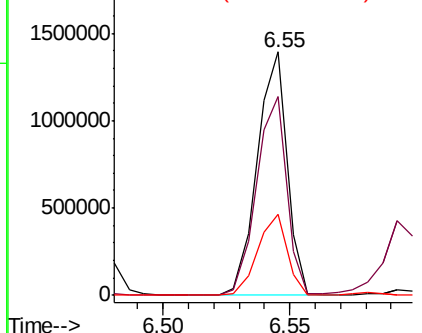
Tot Ion: 93 Resp: 1145421
Ion Ratio Lower Upper
93 100
63 81.5 66.0 106.0
95 33.1 14.3 54.3

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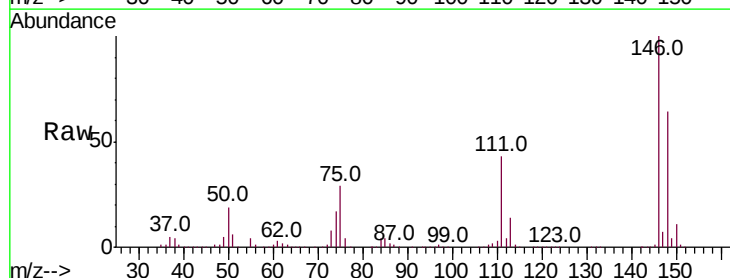


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

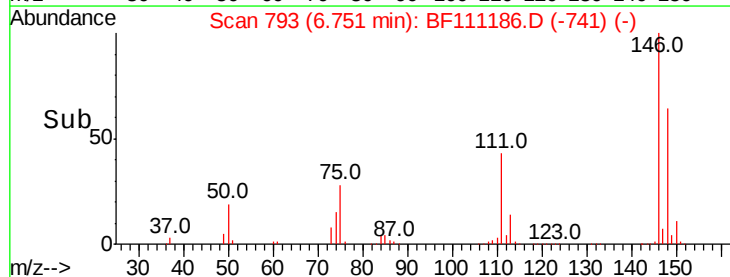
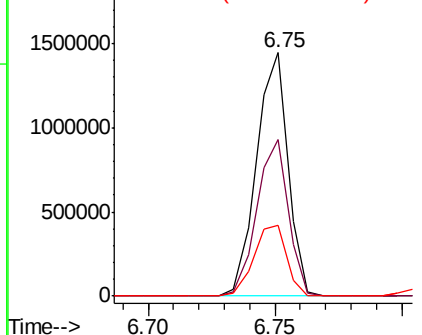


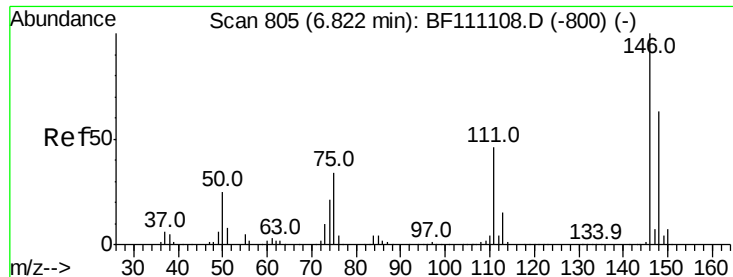
#12
1,3-Dichlorobenzene
Concen: 40.495 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion: 146 Resp: 1258865
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 29.0 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





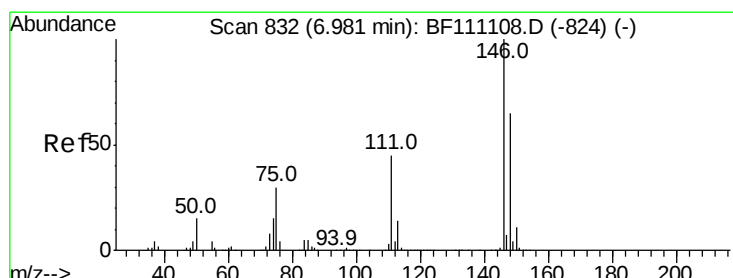
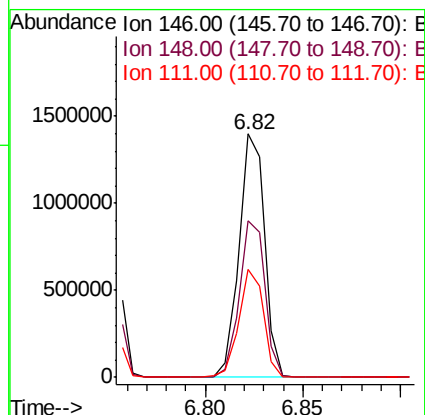
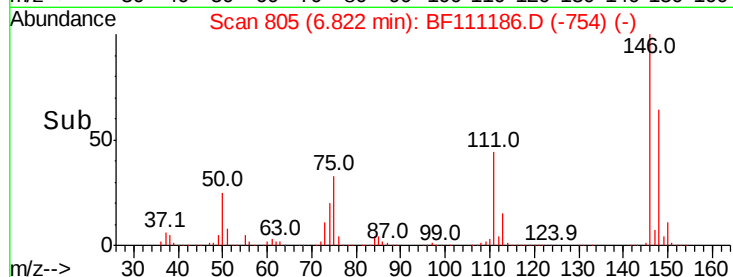
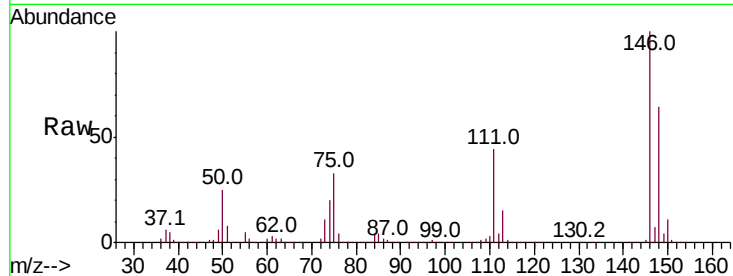
#13
1,4-Dichlorobenzene
Concen: 40.437 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion:146 Resp: 1265017
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 44.2 36.6 55.0

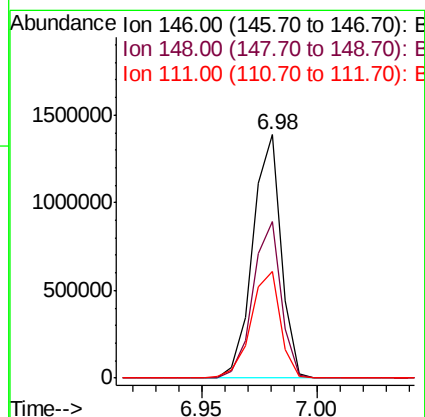
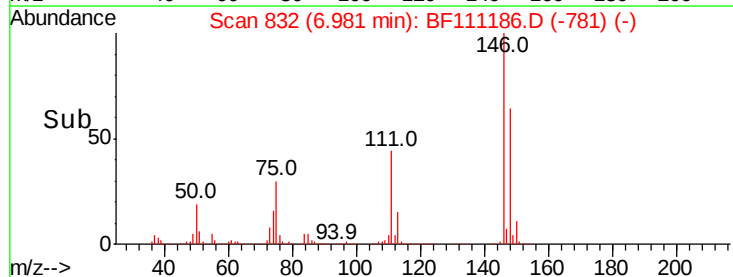
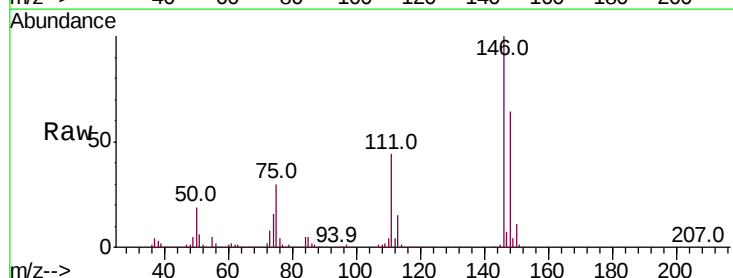
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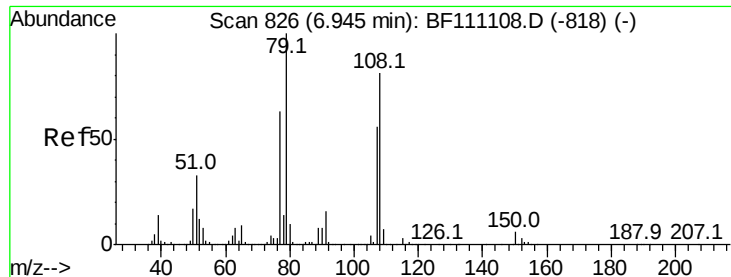
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.924 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:146 Resp: 1190949
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 44.0 35.7 53.5





#15

Benzyl Alcohol

Concen: 40.525 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

PB115267BS

Tot Ion: 79 Resp: 1048946

Ion Ratio Lower Upper

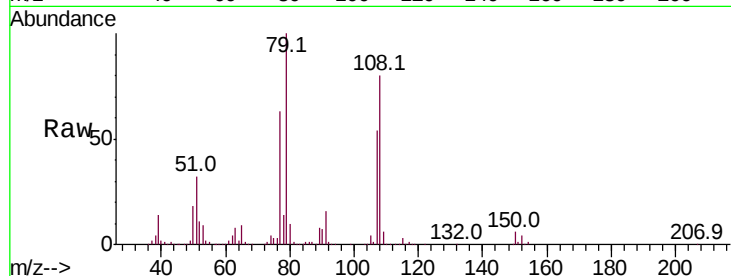
79 100

108 79.7 64.5 96.7

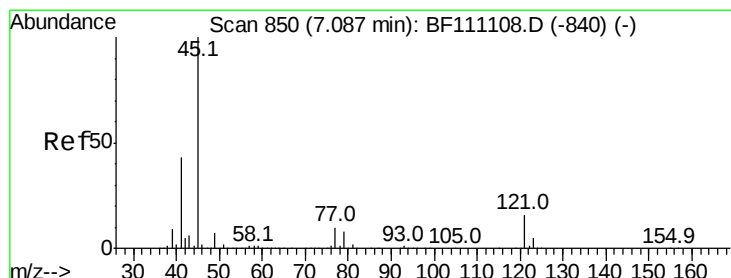
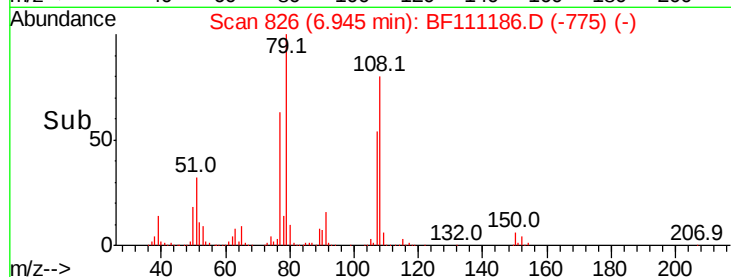
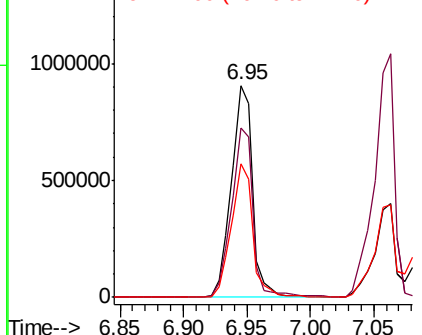
77 62.7 50.5 75.7

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.957 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

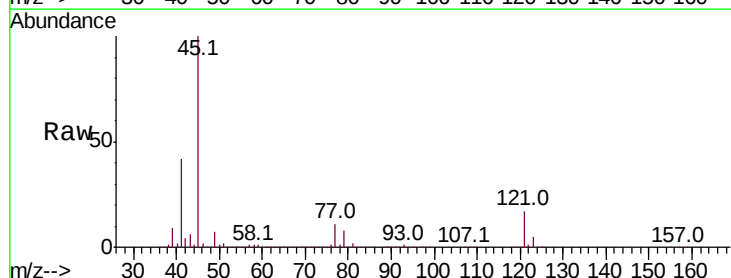
Tgt Ion: 45 Resp: 2262767

Ion Ratio Lower Upper

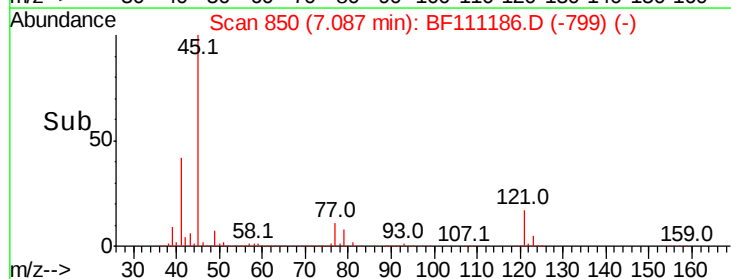
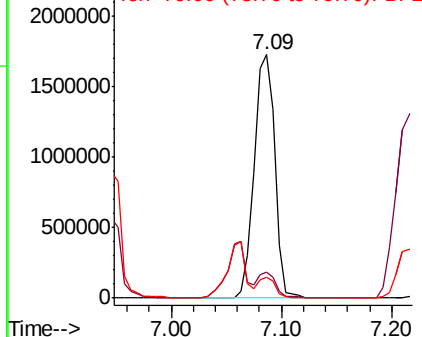
45 100

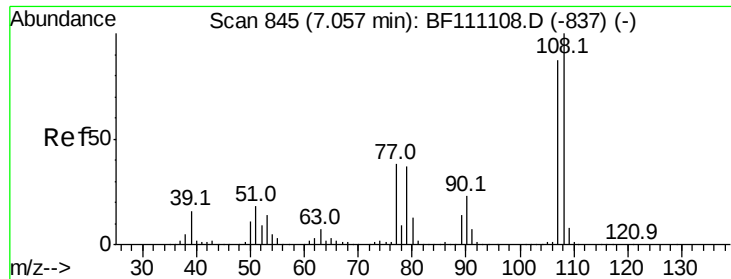
77 10.7 0.0 30.6

79 8.4 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





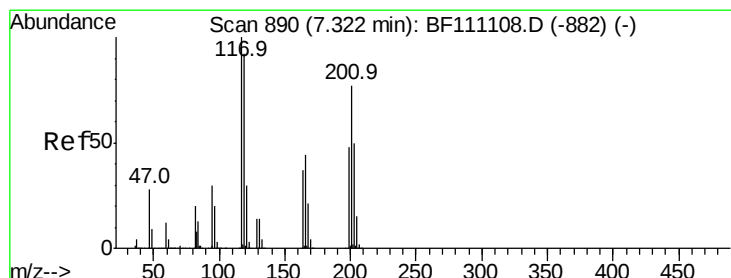
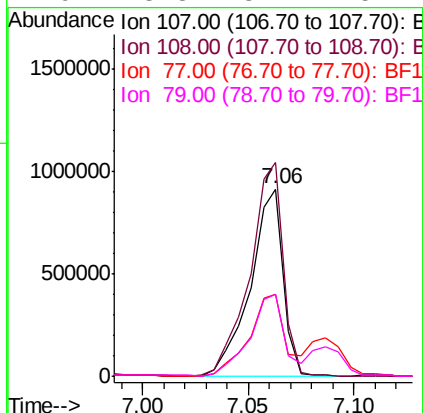
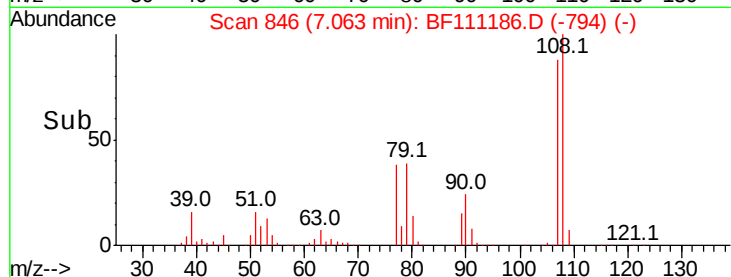
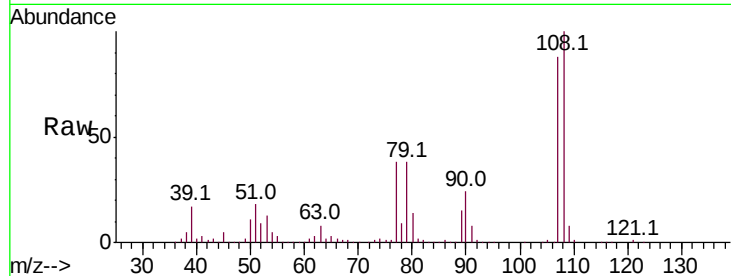
#17
2-Methylphenol
Concen: 41.095 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.8
77	43.6	34.7	52.1
79	43.8	34.2	51.2

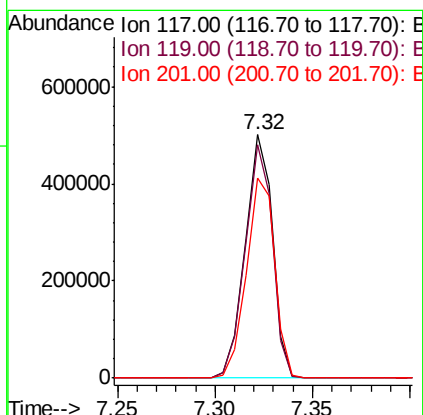
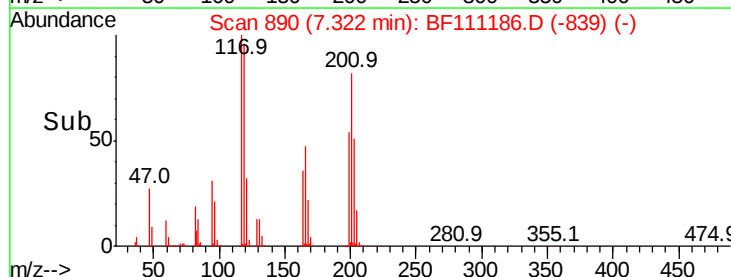
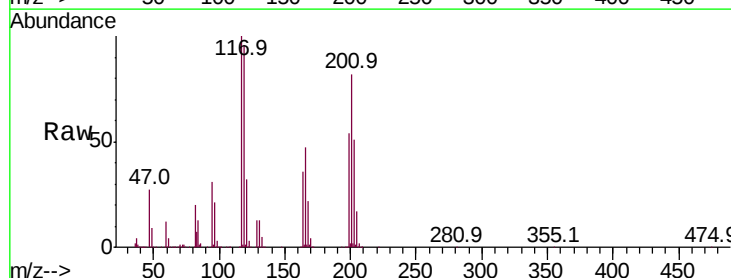
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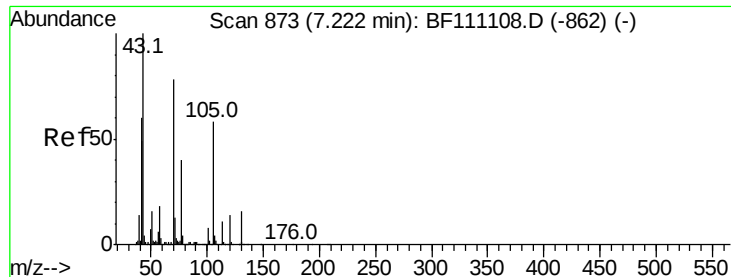
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#18
Hexachloroethane
Concen: 41.415 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.8	110.6
201	82.4	61.2	91.8





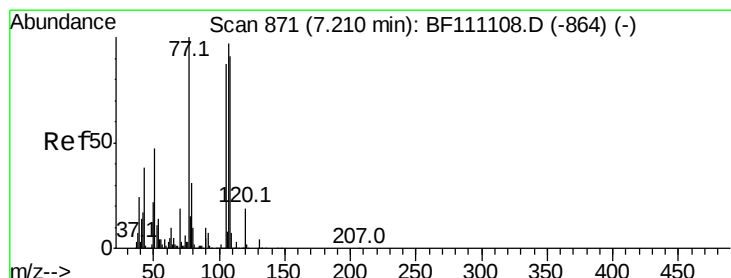
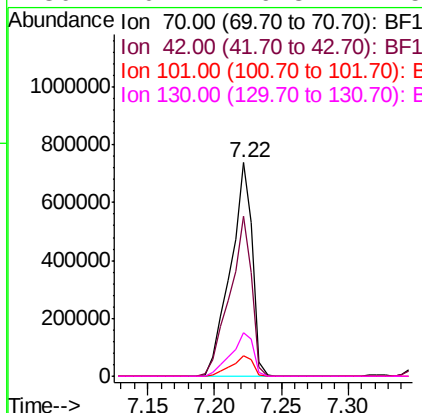
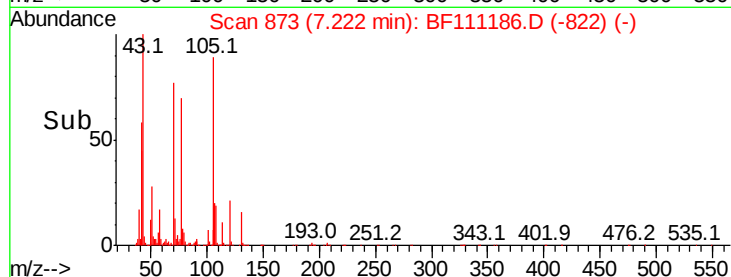
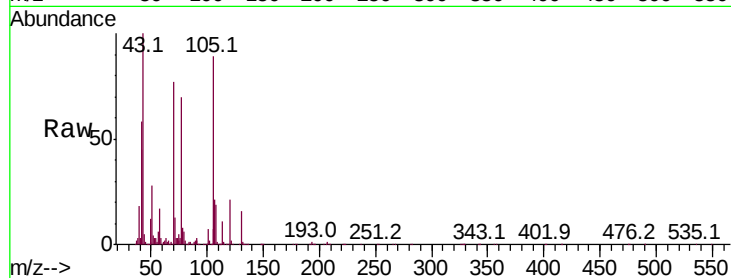
#19
n-Nitroso-di-n-propylamine
Concen: 38.639 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.0	61.3	91.9	
101	9.6	7.7	11.5	
130	20.4	16.3	24.5	

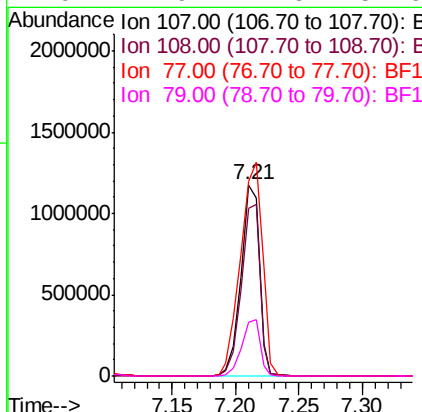
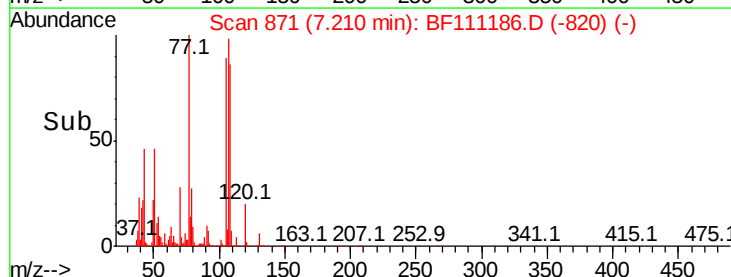
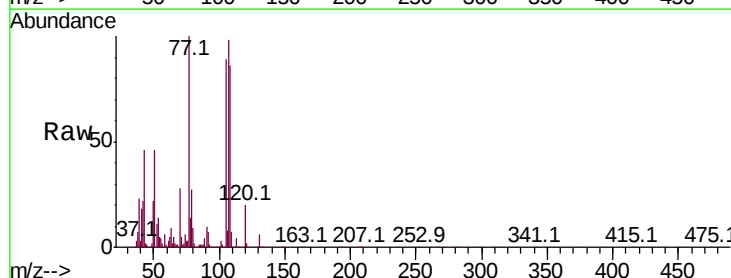
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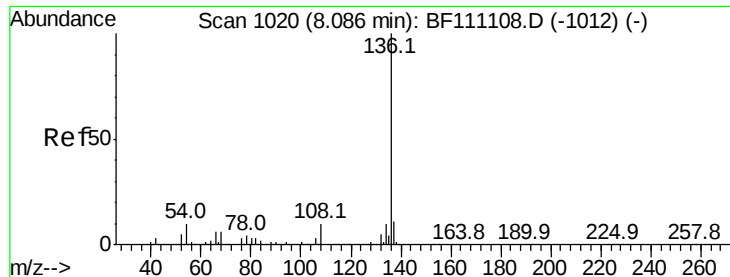
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#20
3+4-Methylphenols
Concen: 40.052 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	74.0	114.0	
77	101.7	83.2	123.2	
79	27.9	11.6	51.6	





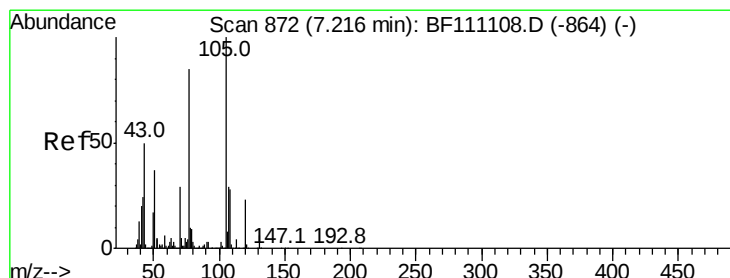
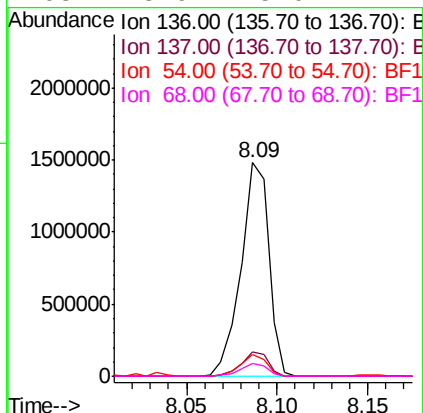
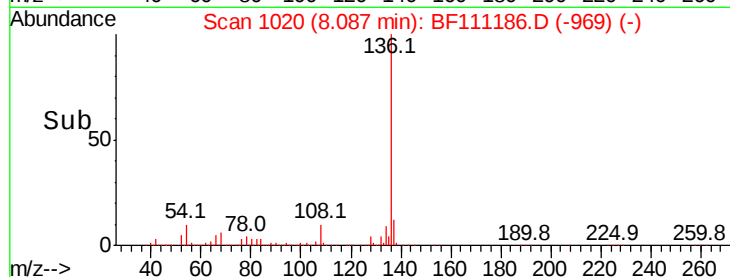
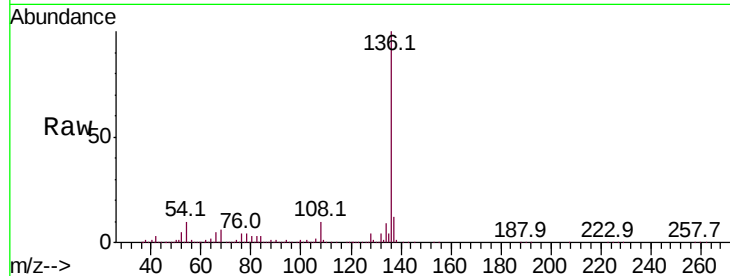
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.9	8.4	12.6
68	5.9	5.0	7.4

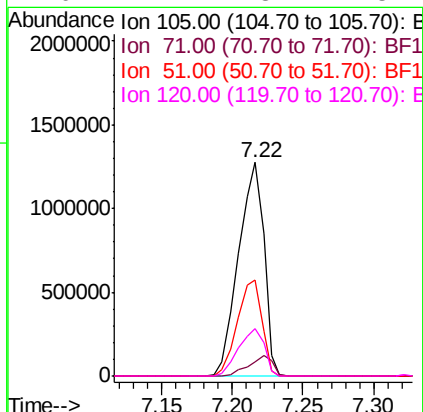
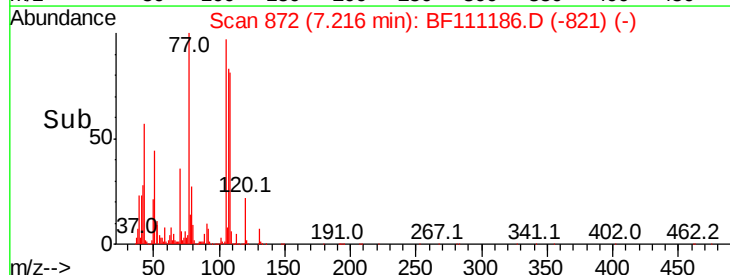
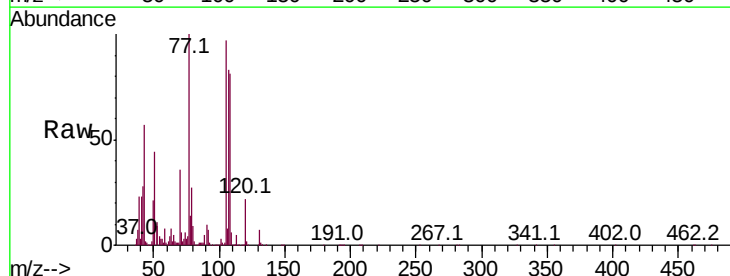
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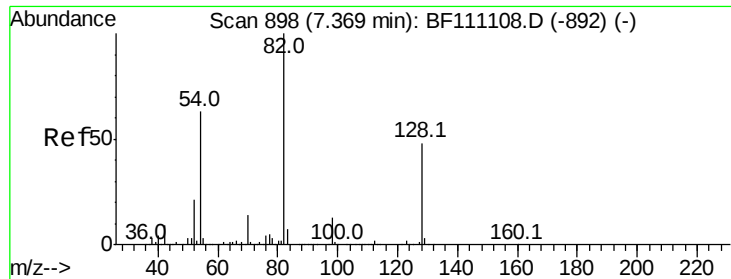
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#22
Acetophenone
Concen: 41.636 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.0	6.0#
51	45.2	29.8	44.8#
120	22.2	18.7	28.1





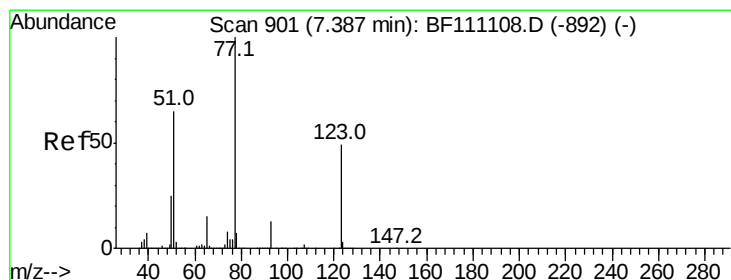
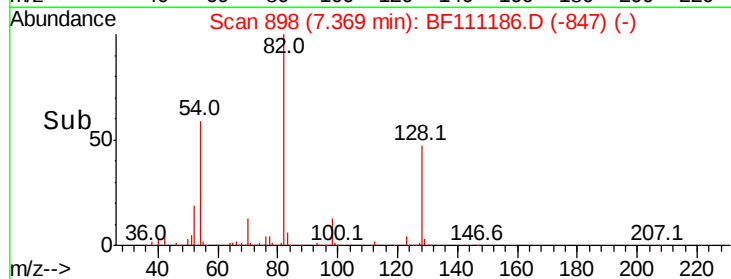
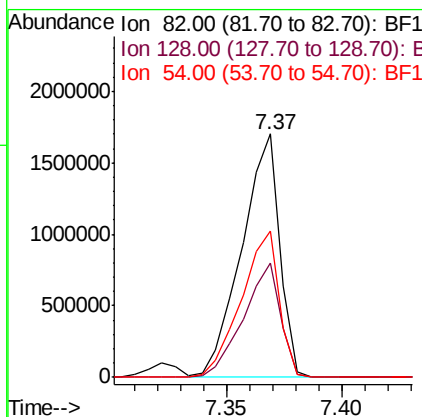
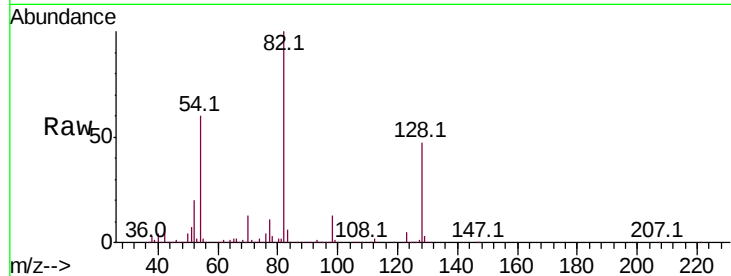
#23
 Nitrobenzene-d5
 Concen: 72.625 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion: 82 Resp: 1951160
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.1 57.1
 54 59.8 50.3 75.5

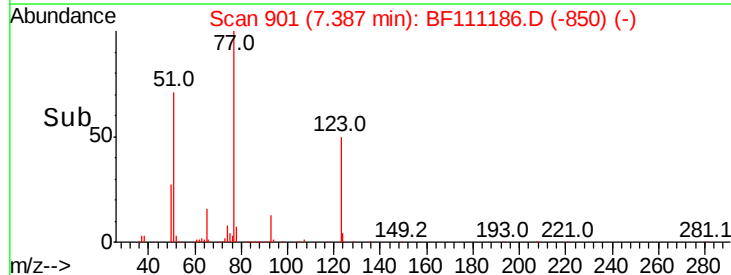
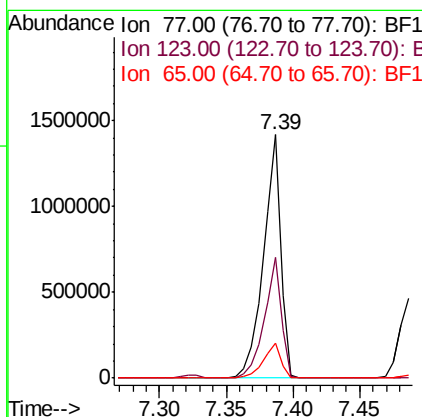
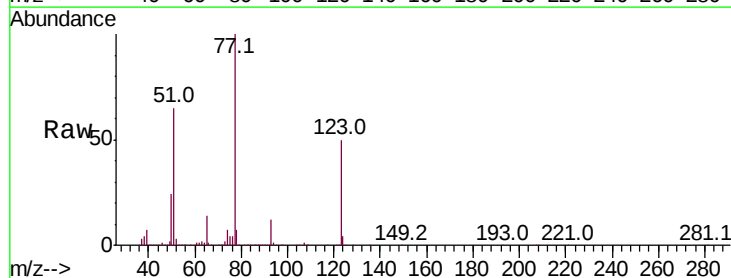
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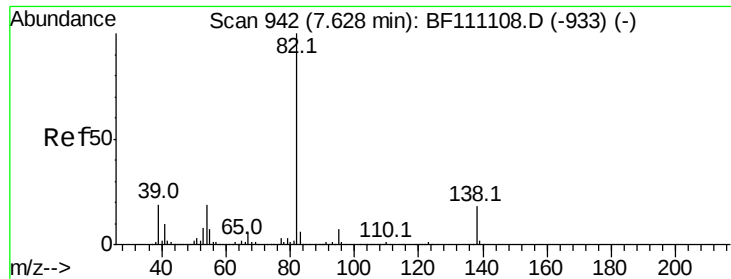
Sohil
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#24
 Nitrobenzene
 Concen: 43.553 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 77 Resp: 1258816
 Ion Ratio Lower Upper
 77 100
 123 49.6 39.5 59.3
 65 14.3 11.8 17.6





#25

Isophorone

Concen: 46.430 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion: 82 Resp: 2289237

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

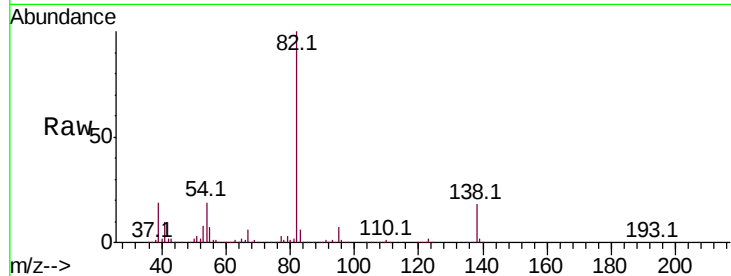
138 18.1 14.6 22.0

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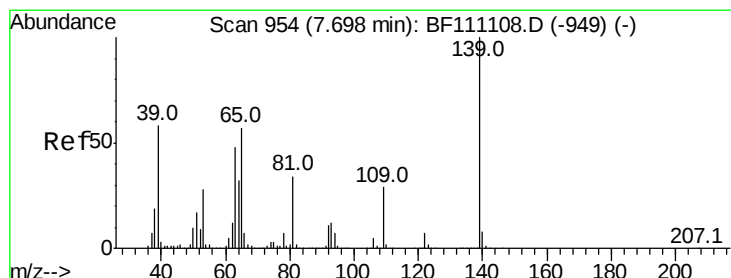
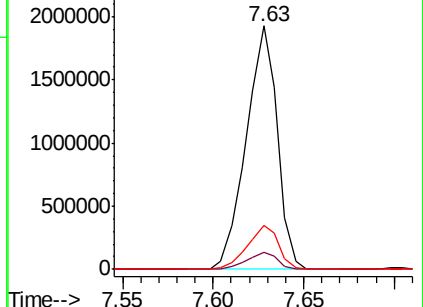
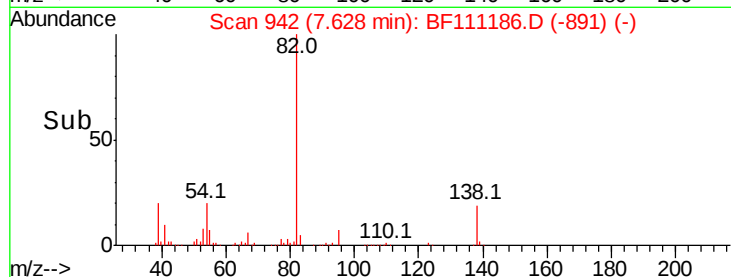
12/11/2018 8:44:42 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.546 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

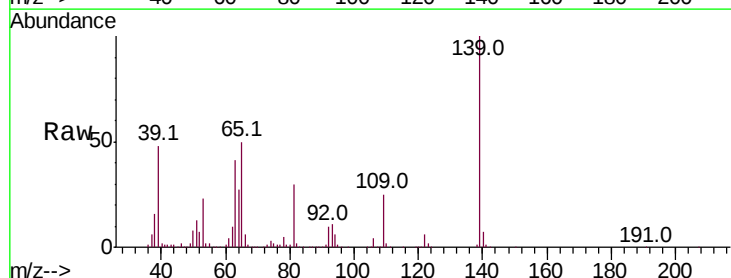
Tgt Ion: 139 Resp: 617300

Ion Ratio Lower Upper

139 100

109 25.4 23.1 34.7

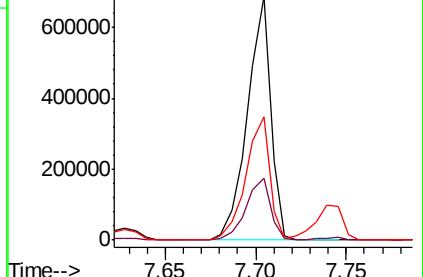
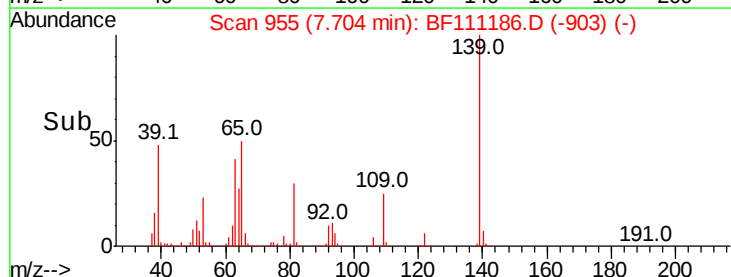
65 50.5 45.9 68.9

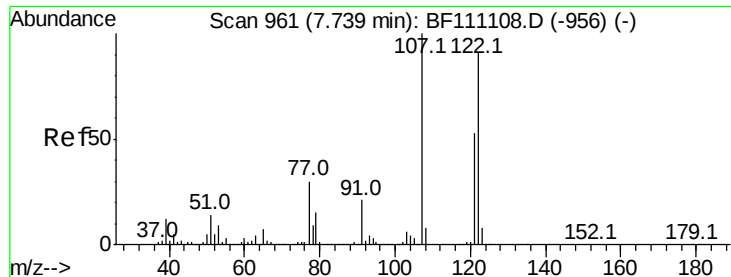


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





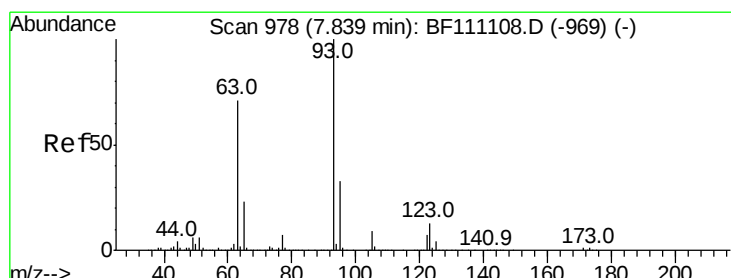
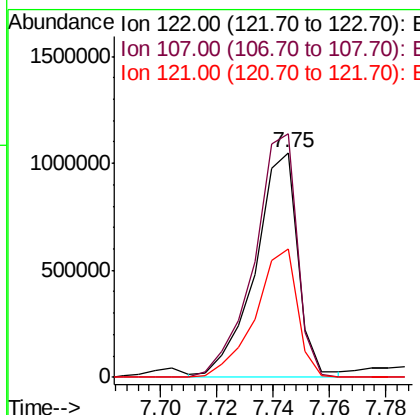
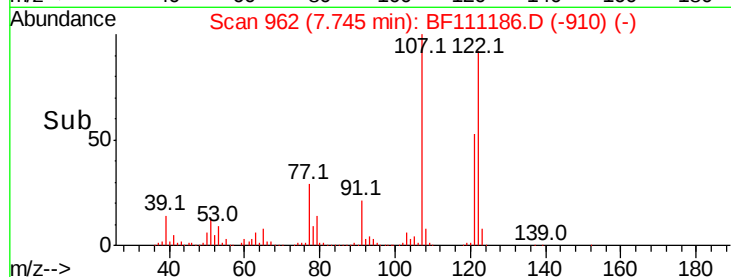
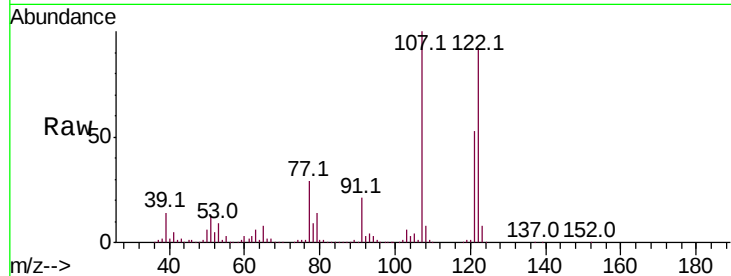
#27
2,4-Dimethylphenol
Concen: 48.220 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion:122 Resp: 1109058
Ion Ratio Lower Upper
122 100
107 108.5 87.4 131.0
121 57.0 45.9 68.9

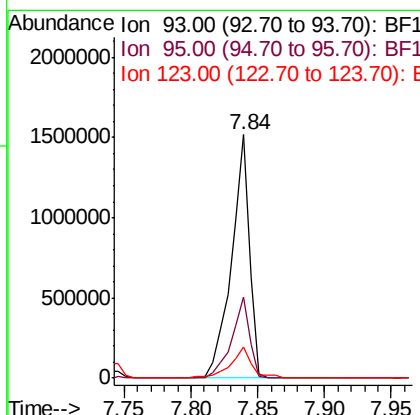
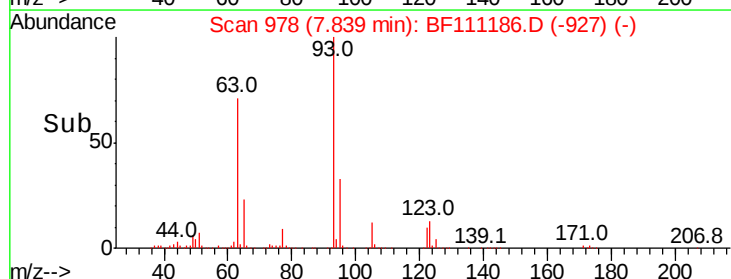
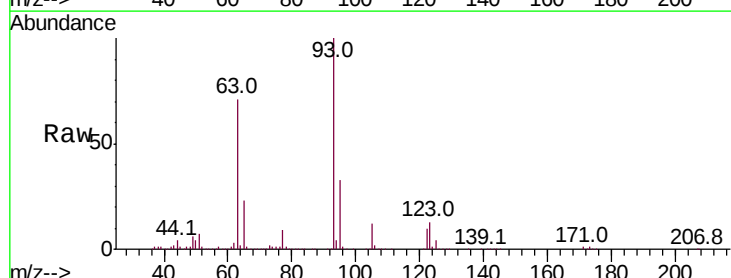
Manual Integrations
APPROVED

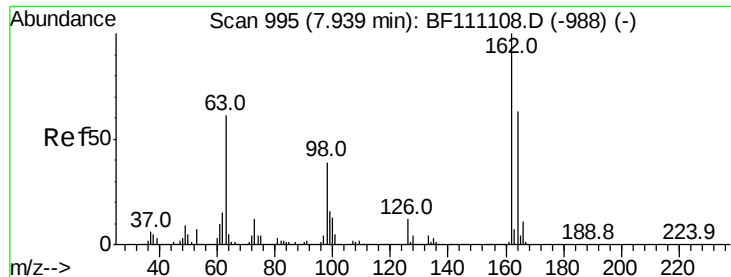
Sohil
12/11/2018 8:44:42 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.439 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion: 93 Resp: 1449906
Ion Ratio Lower Upper
93 100
95 33.5 26.6 39.8
123 12.5 10.3 15.5





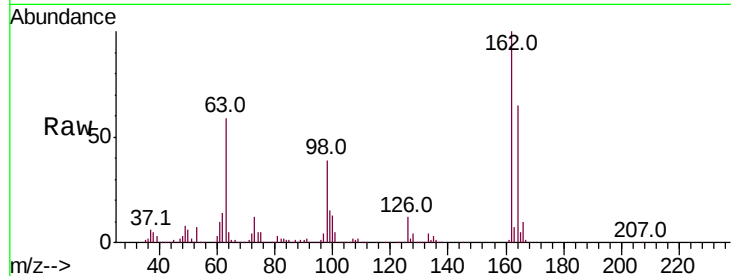
#29
2,4-Dichlorophenol
Concen: 43.743 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

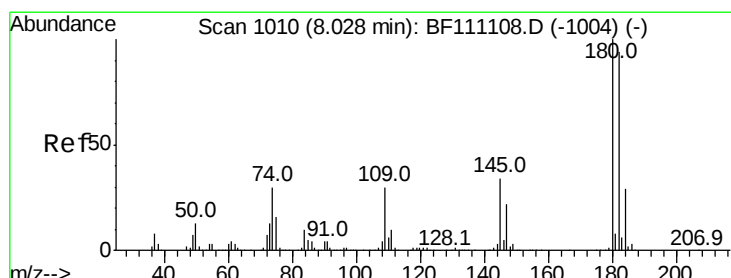
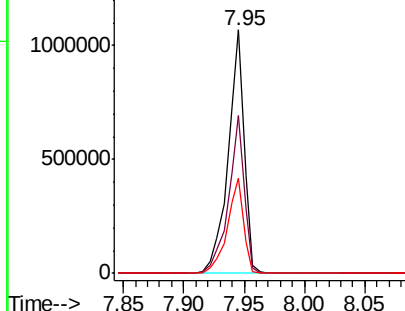
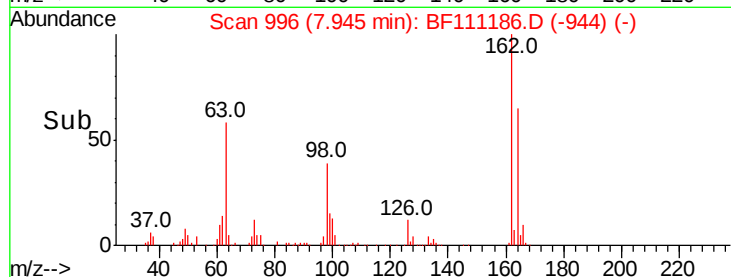
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	43.3	83.3
98	39.0	18.9	58.9

Manual Integrations
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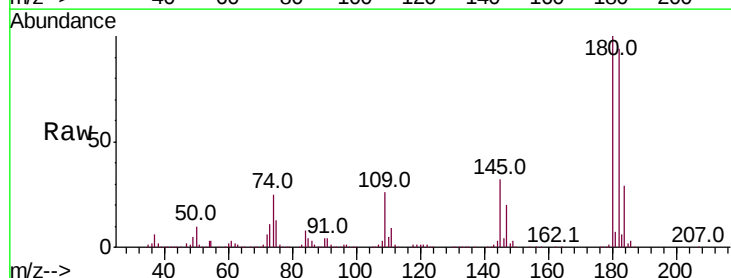


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

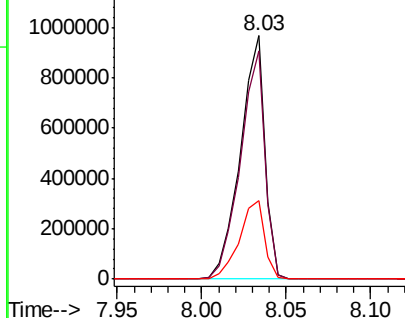
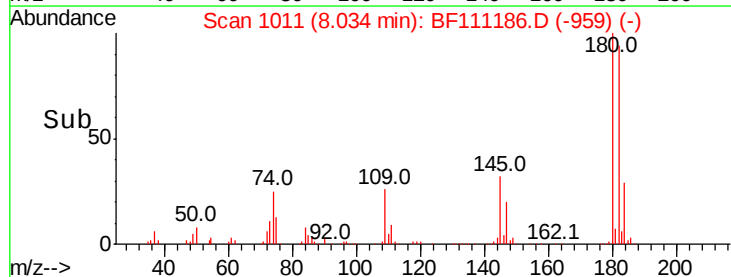


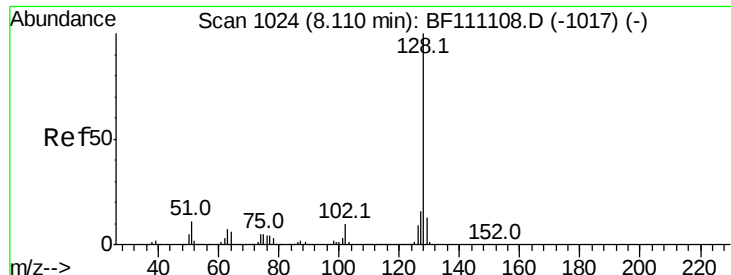
#30
1,2,4-Trichlorobenzene
Concen: 42.986 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	75.1	112.7
145	32.4	27.6	41.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





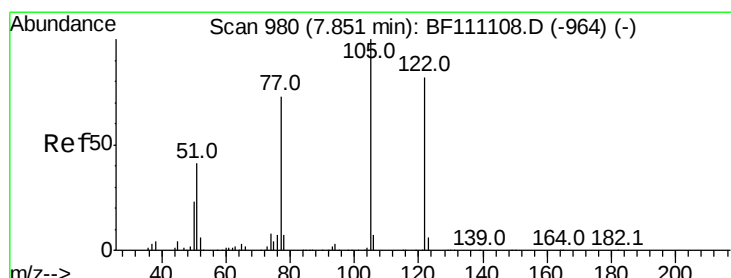
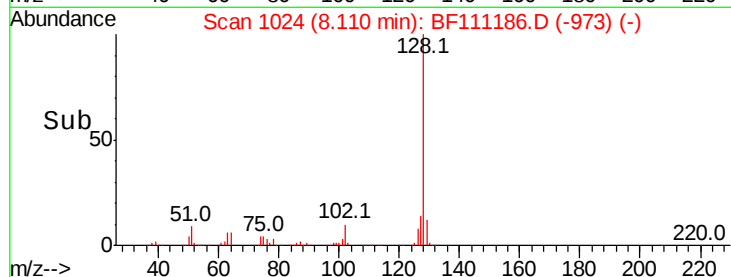
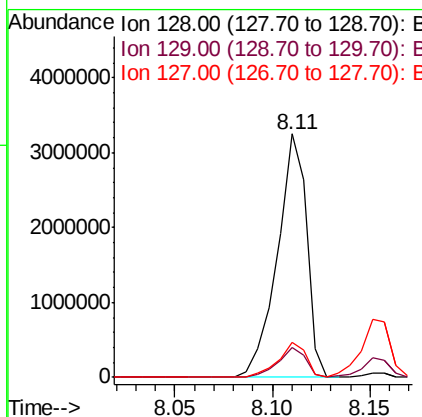
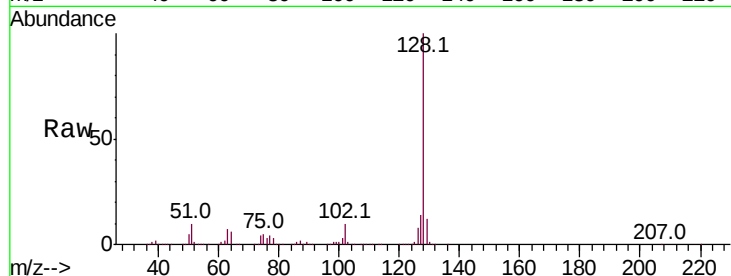
#31
Naphthalene
Concen: 48.934 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.5	15.7
127	14.4	12.5	18.7

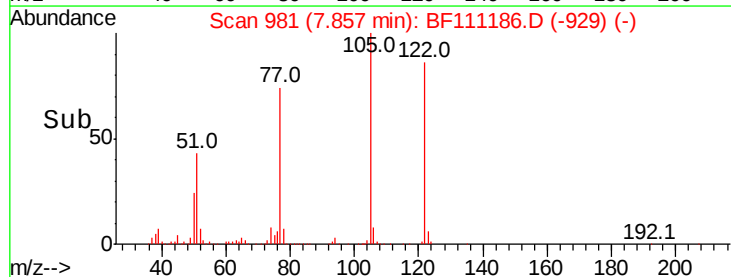
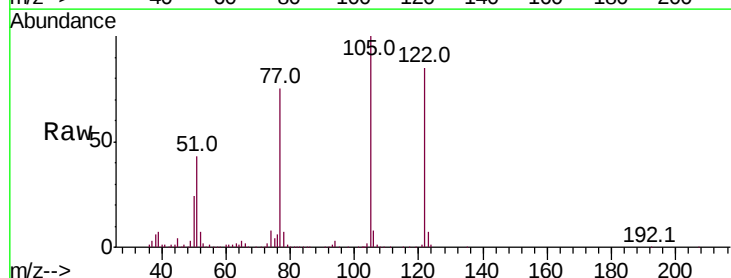
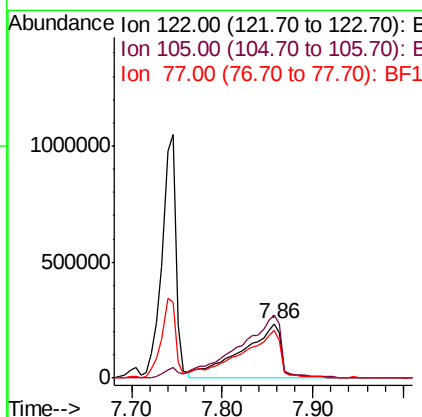
Manual Integrations
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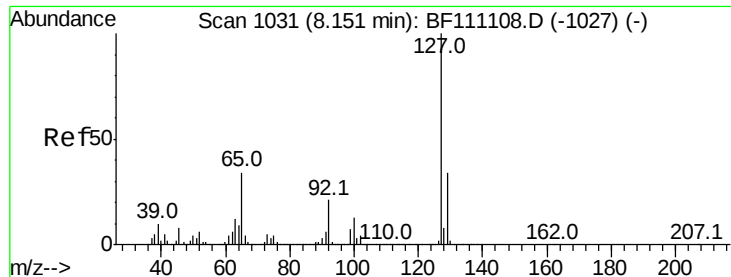
Sohil
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#32
Benzoic acid
Concen: 46.404 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	100.1	140.1
77	88.3	69.4	109.4





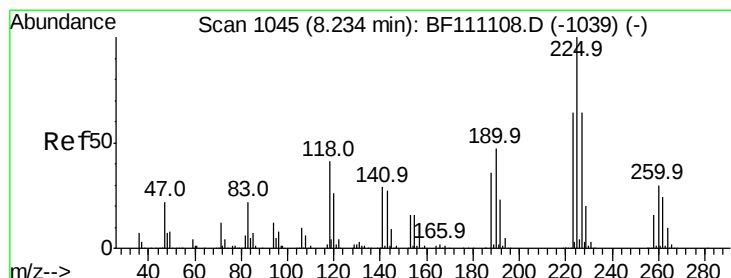
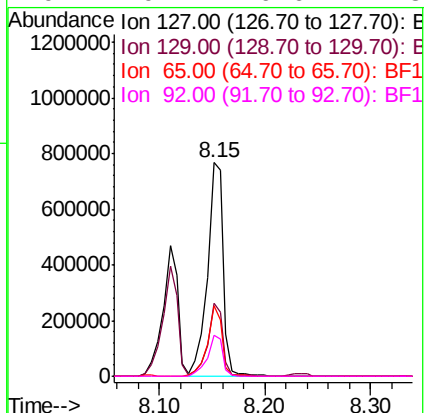
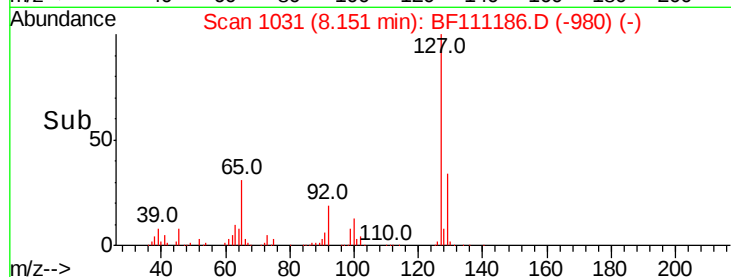
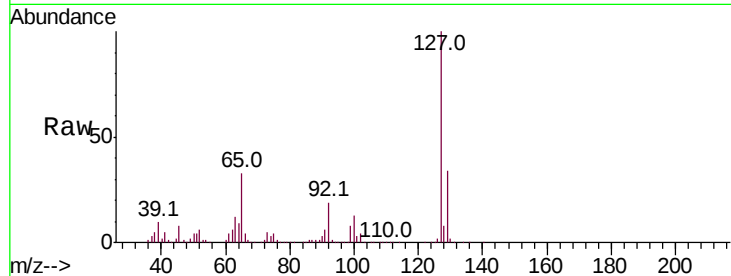
#33
4-Chloroaniline
Concen: 24.184 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.9	27.0	40.6
65	32.8	27.2	40.8
92	19.1	16.6	24.8

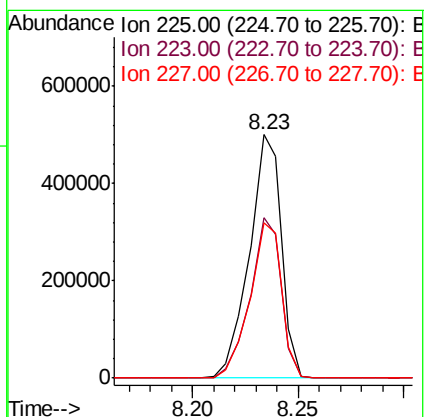
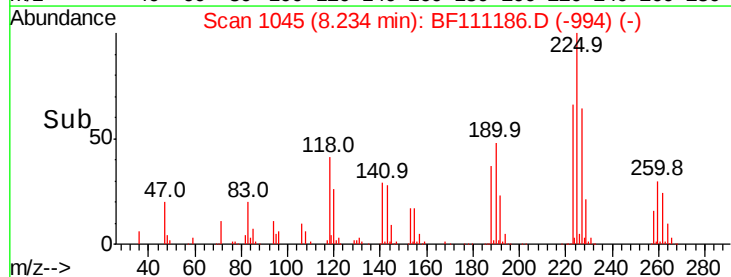
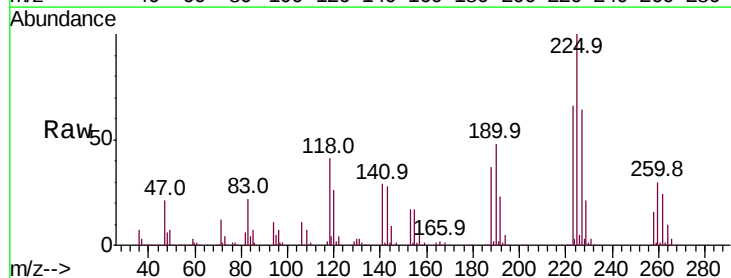
Manual Integrations
APPROVED

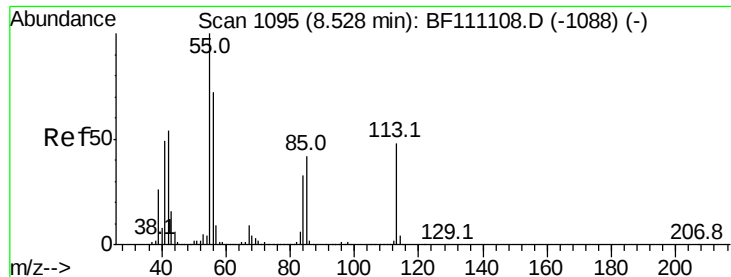
Sohil
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#34
Hexachlorobutadiene
Concen: 42.374 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	66.1	51.4	77.2
227	63.9	51.0	76.4





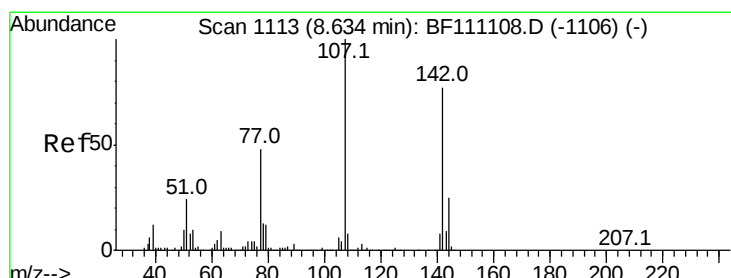
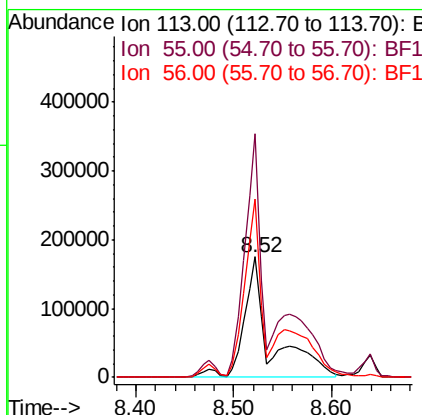
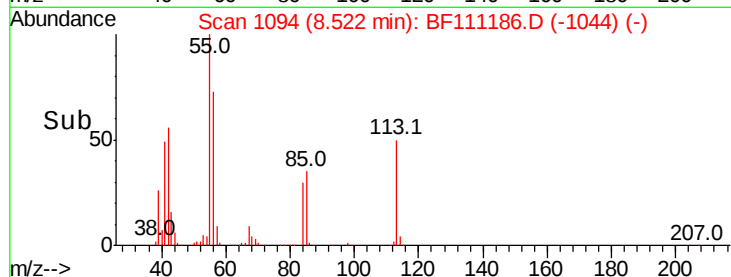
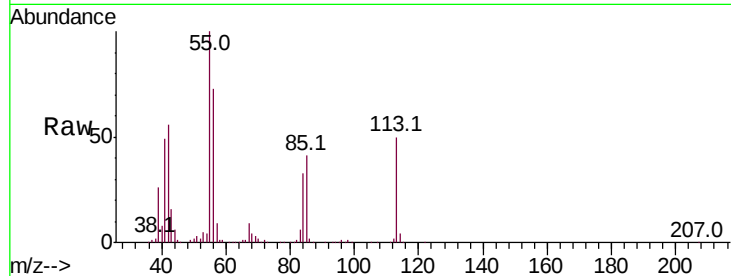
#35
Caprolactam
Concen: 39.755 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleID :
PB115267BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.8	190.6	230.6
56	148.1	130.9	170.9

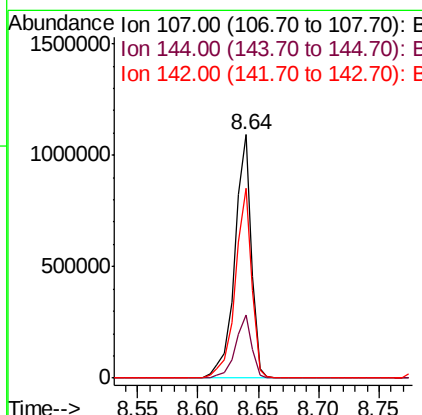
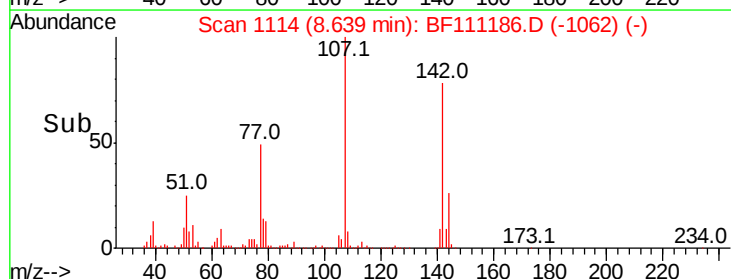
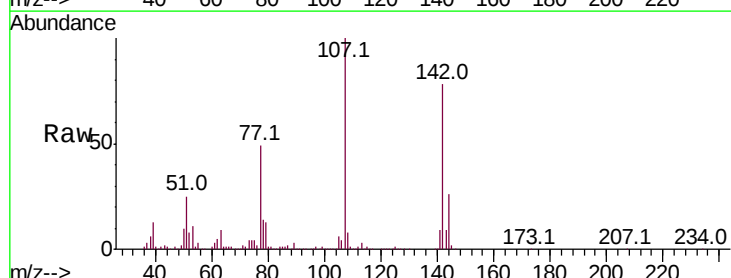
Manual Integrations
APPROVED

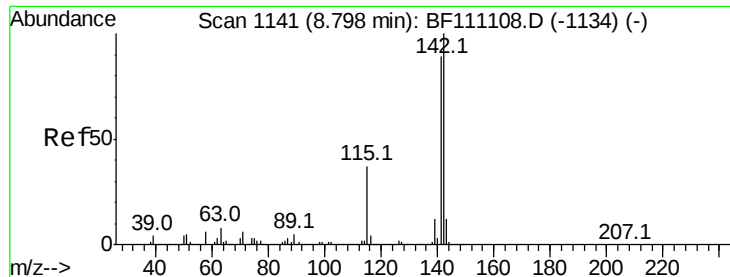
Sohil
12/11/2018 8:44:42 AM



#36
4-Chloro-3-methylphenol
Concen: 42.460 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.9	29.9
142	78.0	61.4	92.0





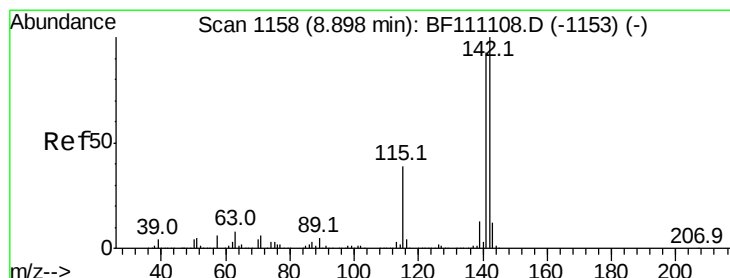
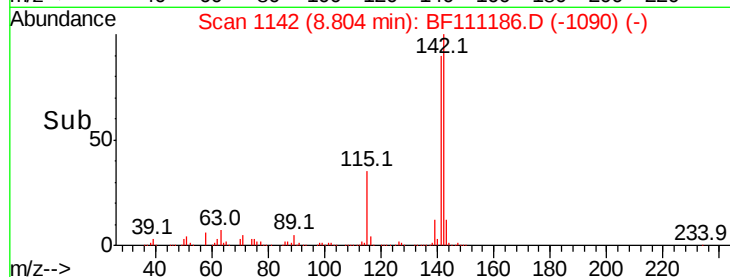
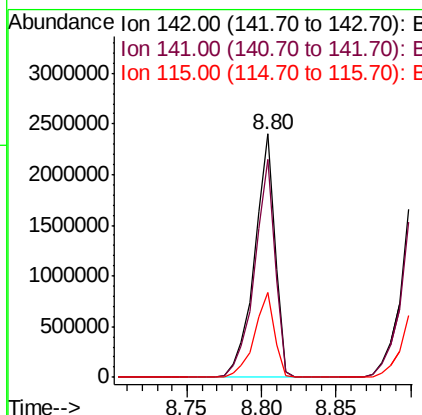
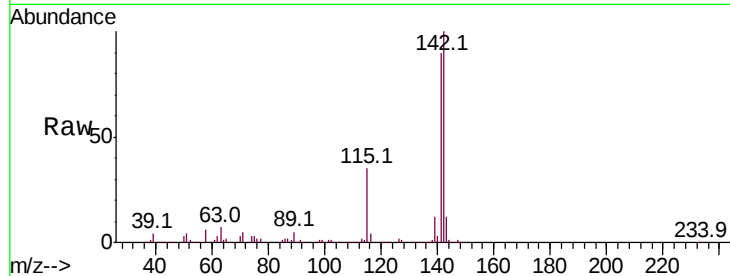
#37
2-Methylnaphthalene
Concen: 47.293 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	35.0	29.2	43.8

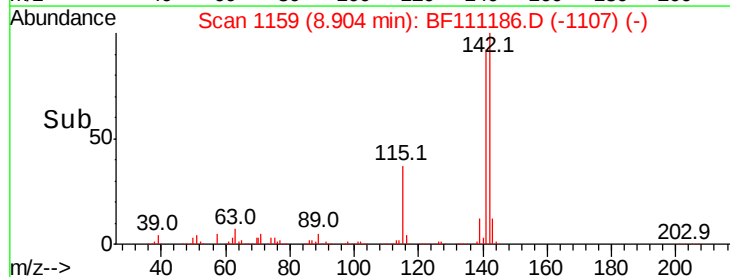
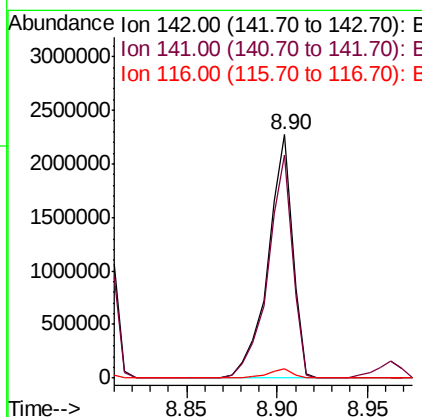
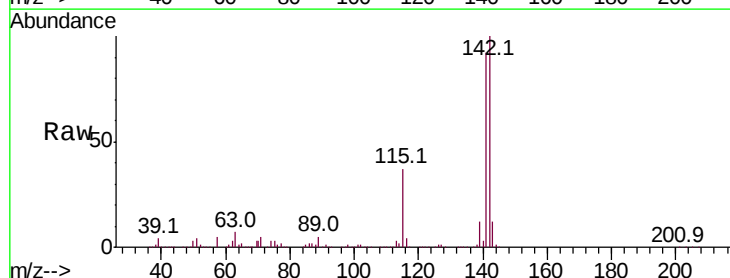
Manual Integrations
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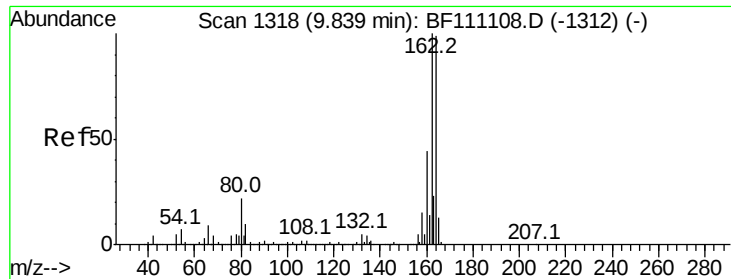
Sohil
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#38
1-Methylnaphthalene
Concen: 46.465 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.5	111.7
116	3.8	3.2	4.8





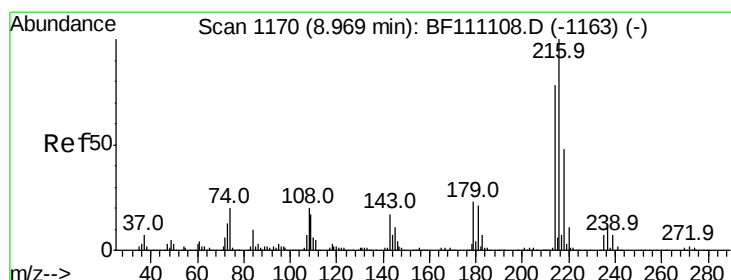
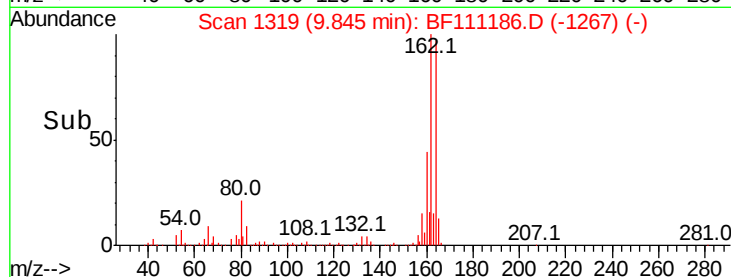
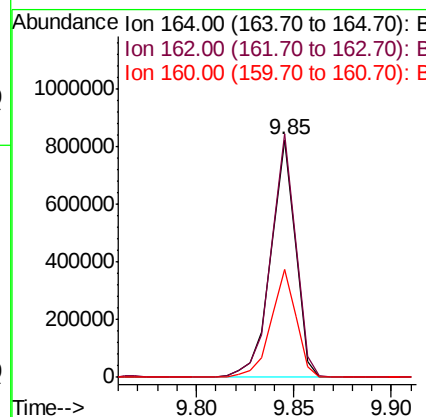
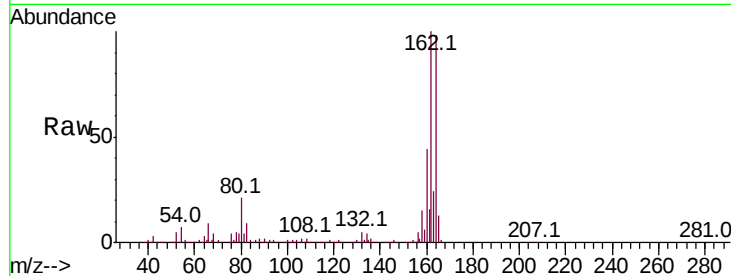
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.3	35.5	53.3

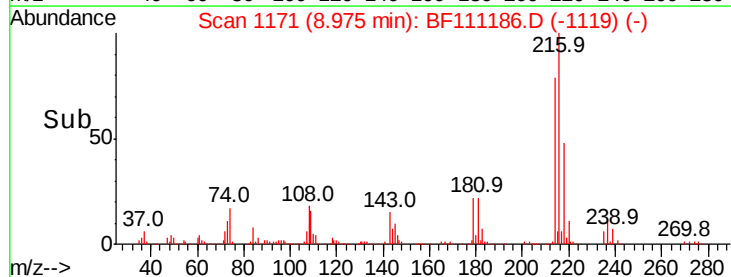
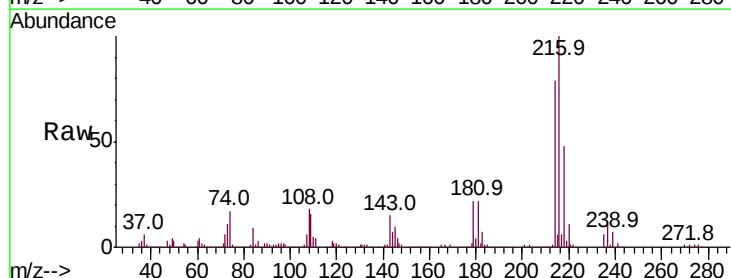
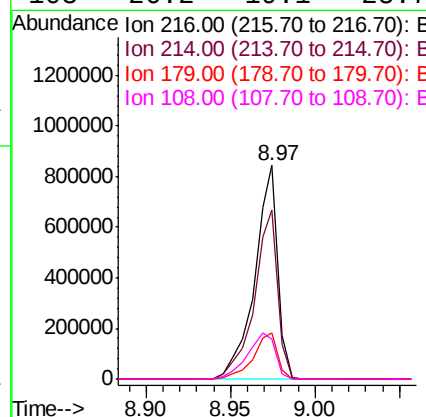
Manual Integrations
APPROVED

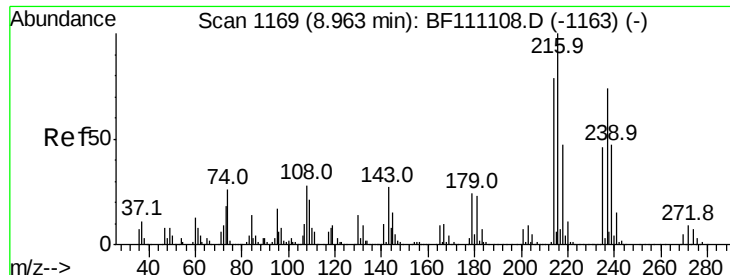
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.481 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.0
179	22.8	18.5	27.7
108	26.2	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 104.227 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

PB115267BS

Tot Ion:237 Resp: 1064644

Ion Ratio Lower Upper

237 100

235 64.0 41.9 81.9

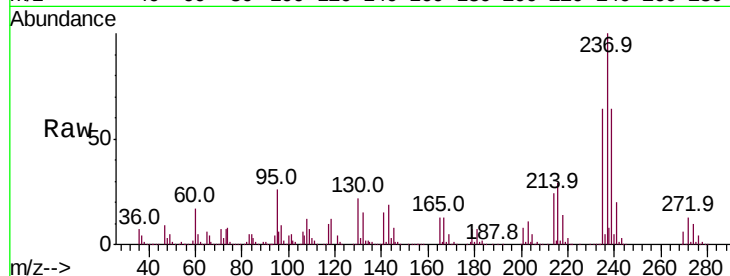
272 12.8 0.0 32.7

Manual Integrations

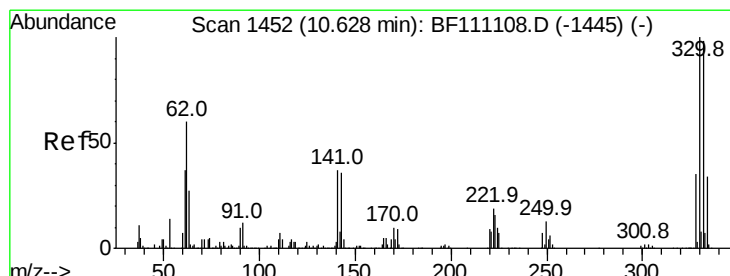
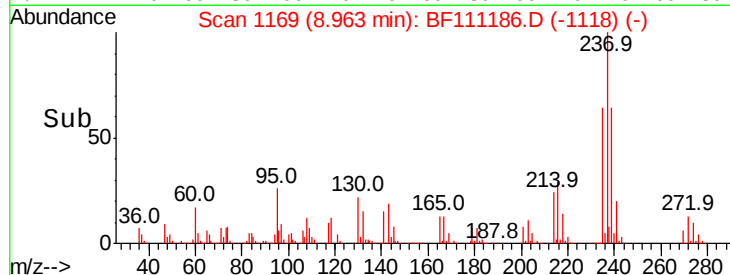
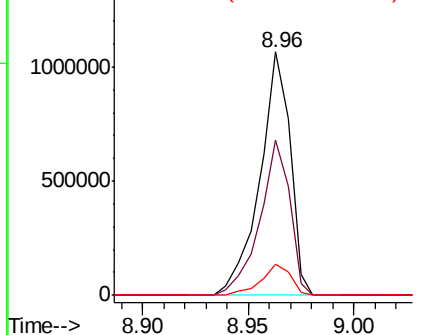
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.372 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

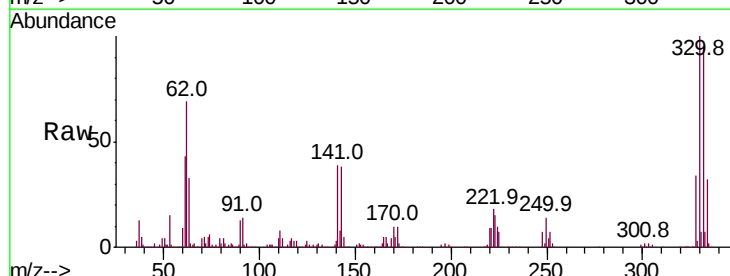
Tgt Ion:330 Resp: 793679

Ion Ratio Lower Upper

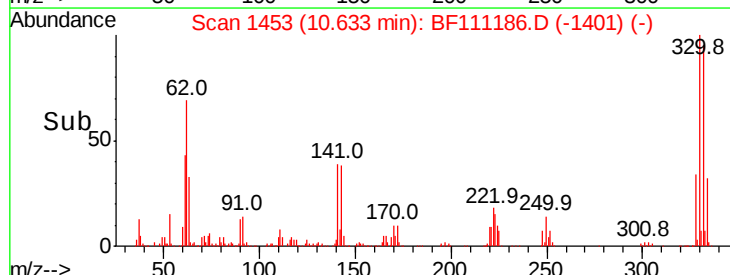
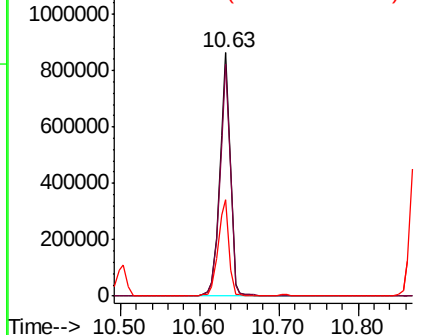
330 100

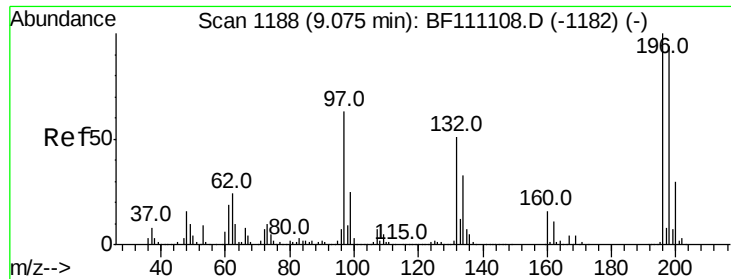
332 95.5 77.2 115.8

141 40.8 36.1 54.1



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





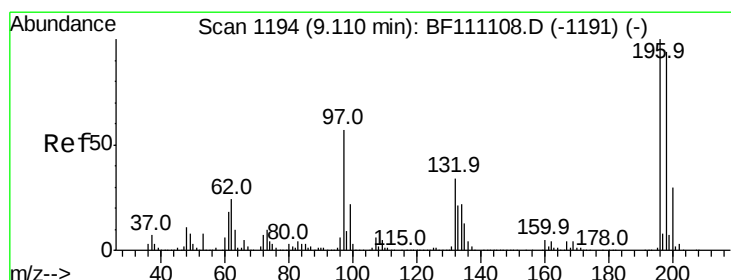
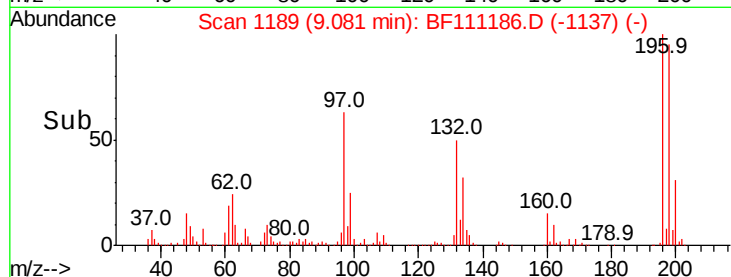
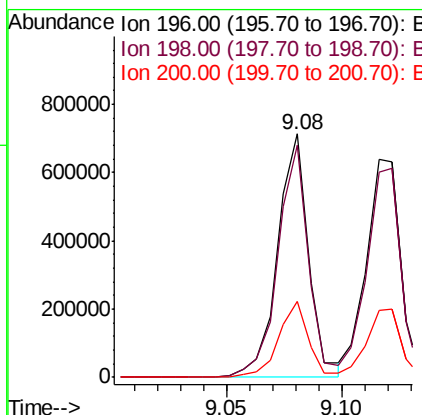
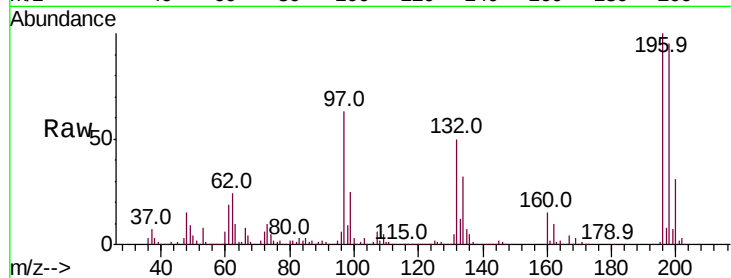
#43
 2,4,6-Trichlorophenol
 Concen: 46.641 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	659904		
198	95.4	75.4	113.0	
200	31.4	24.2	36.4	

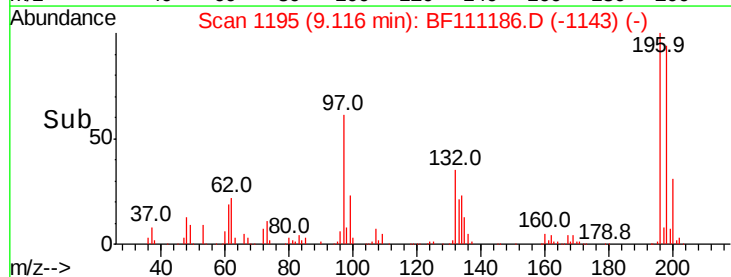
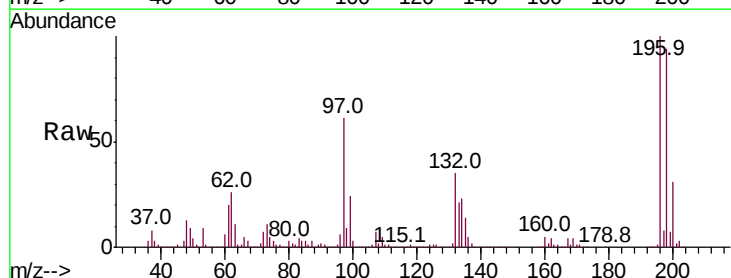
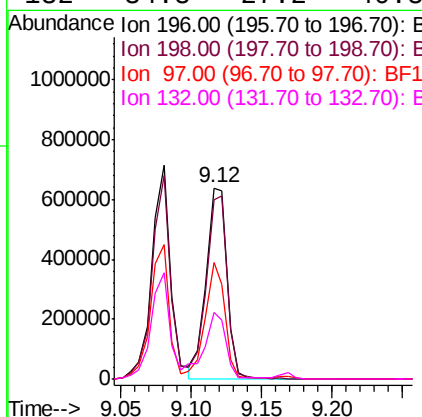
Manual Integrations
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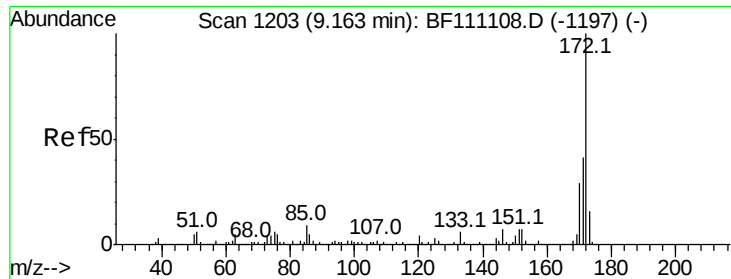
Sohil
 12/11/2018 8:44:42 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.207 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	662719		
198	93.9	75.0	112.4	
97	60.8	46.2	69.4	
132	34.8	27.2	40.8	





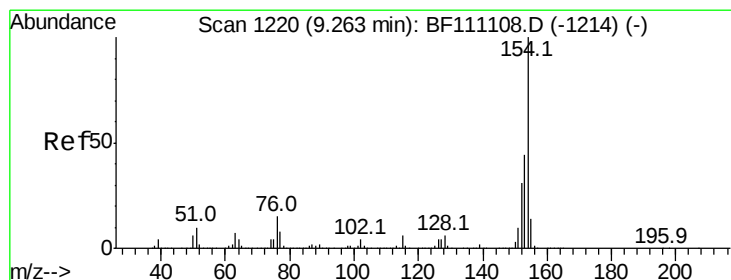
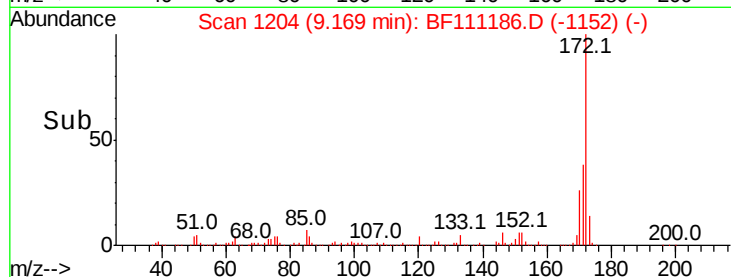
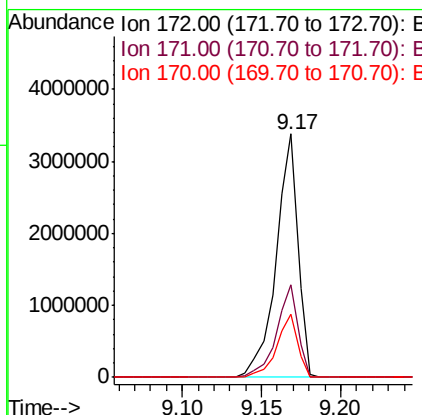
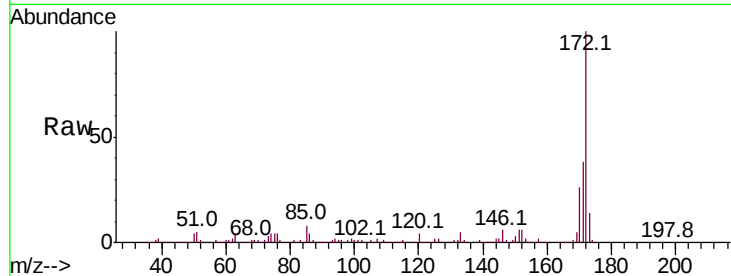
#45
2-Fluorobiphenyl
Concen: 82.006 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion:172 Resp: 3239956
Ion Ratio Lower Upper
172 100
171 38.2 33.2 49.8
170 26.2 22.9 34.3

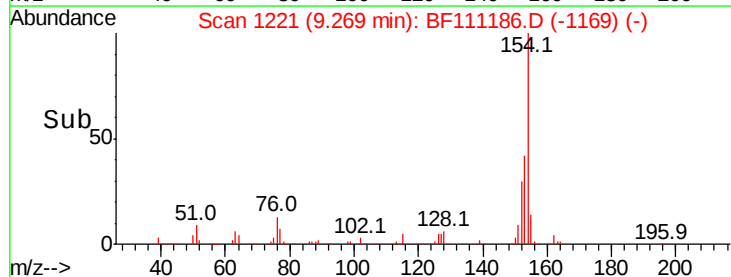
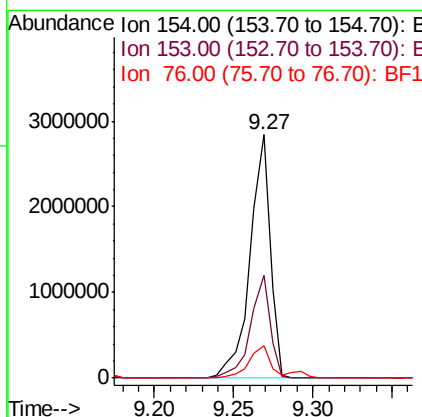
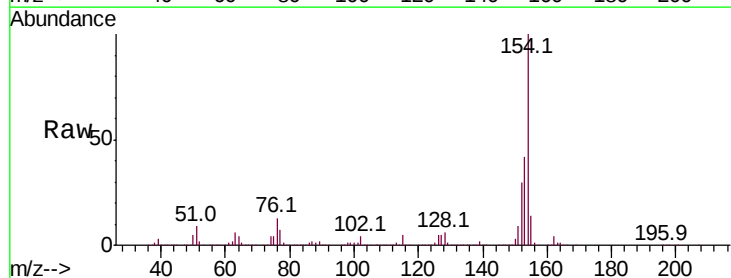
Manual Integrations
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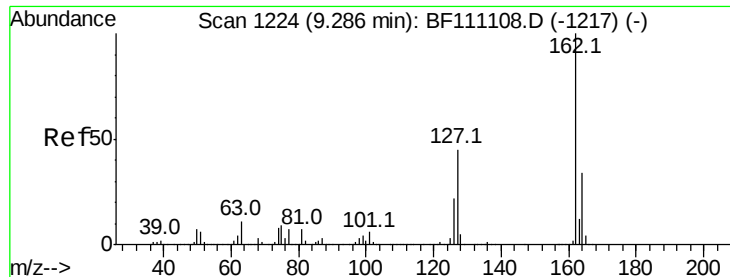
Sohil
12/11/2018 8:44:42 AM



#46
1,1'-Biphenyl
Concen: 42.142 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:154 Resp: 2507489
Ion Ratio Lower Upper
154 100
153 42.0 23.7 63.7
76 13.2 0.0 35.0





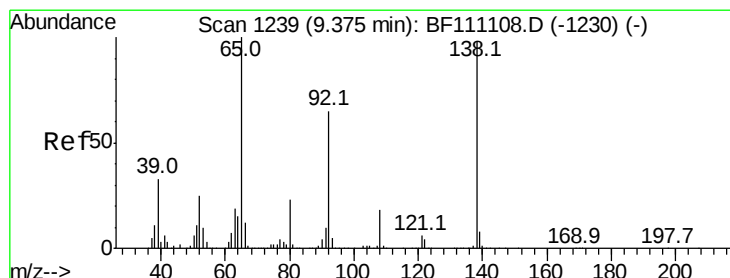
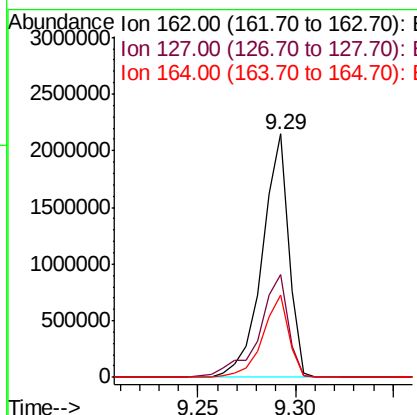
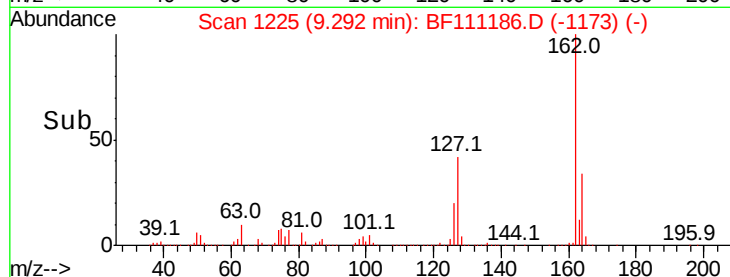
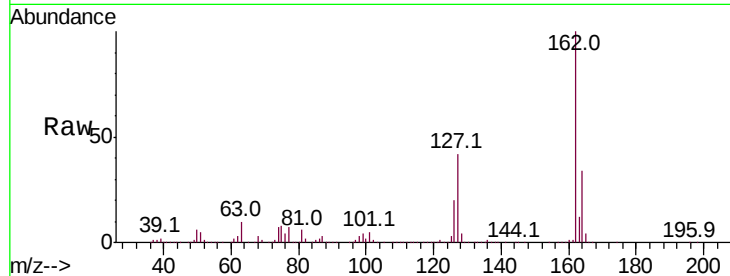
#47
 2-Chloronaphthalene
 Concen: 43.646 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleID :
 PB115267BS

Tot Ion:162	Resp: 2018020
Ion Ratio	Lower Upper
162 100	
127 42.4	36.4 54.6
164 34.0	27.3 40.9

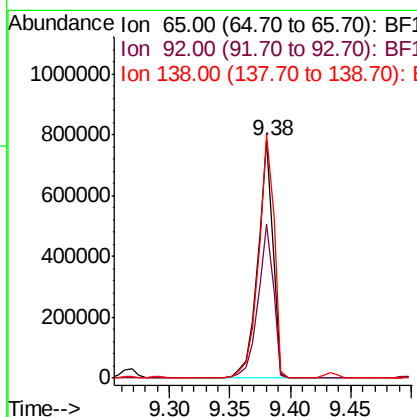
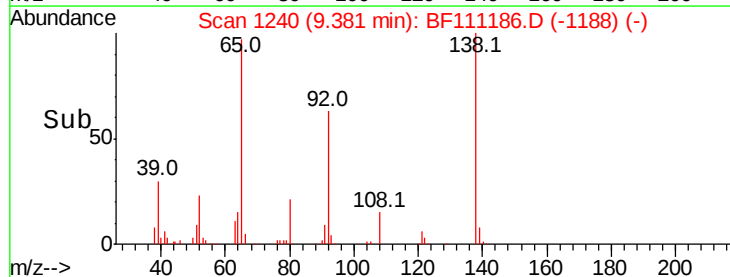
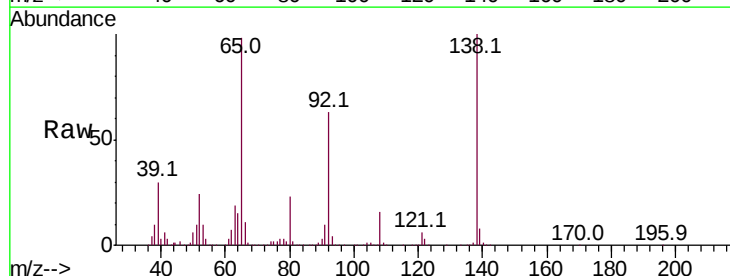
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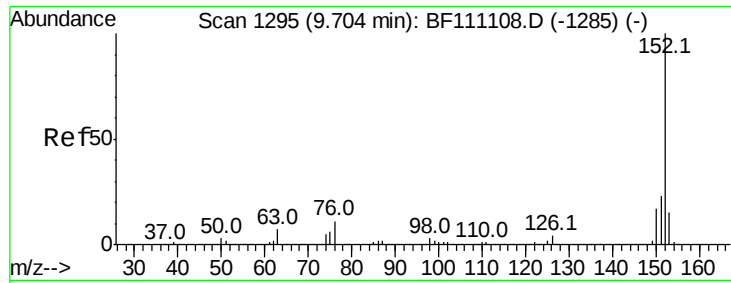
Sohil
 12/11/2018 8:44:42 AM



#48
 2-Nitroaniline
 Concen: 45.592 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 65	Resp: 683154
Ion Ratio	Lower Upper
65 100	
92 65.0	52.1 78.1
138 102.5	78.2 117.4





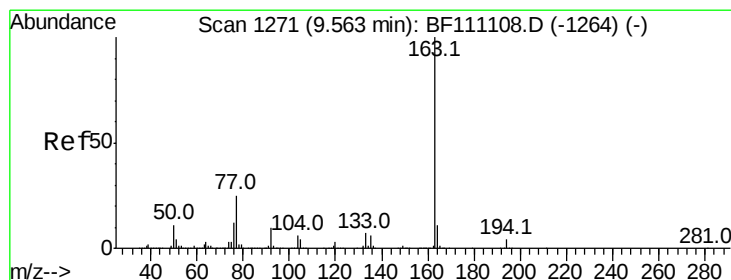
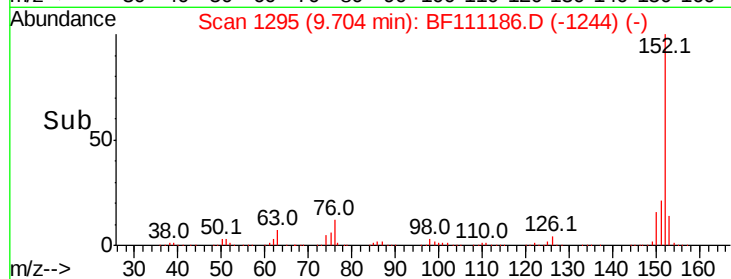
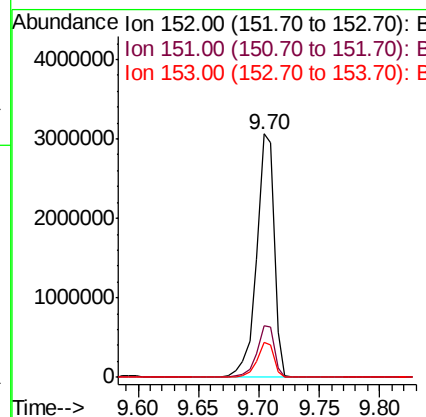
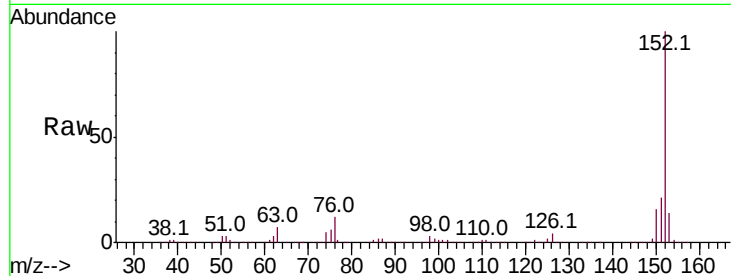
#49
Acenaphthylene
Concen: 48.469 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.3	27.5
153	14.4	11.8	17.8

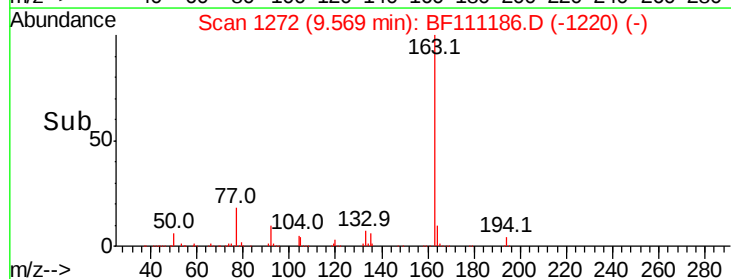
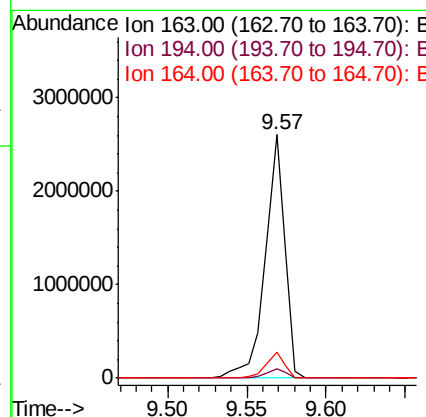
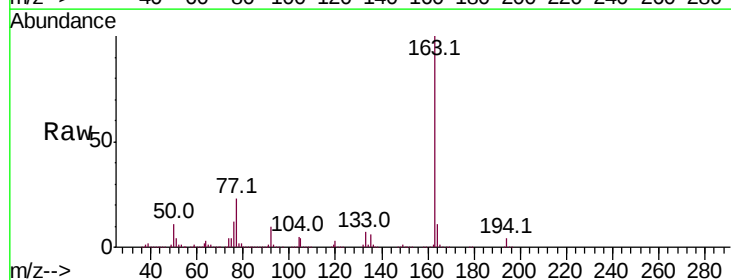
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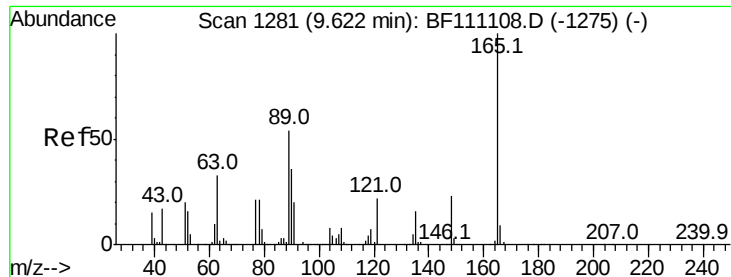
Sohil
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#50
Dimethylphthalate
Concen: 44.955 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.6	8.9	13.3





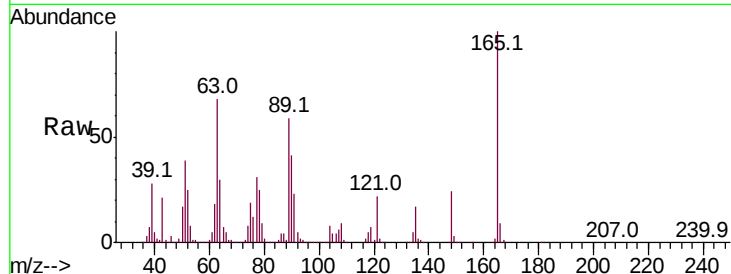
#51
 2,6-Dinitrotoluene
 Concen: 48.601 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

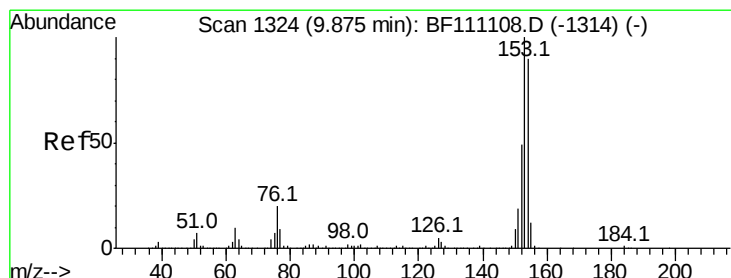
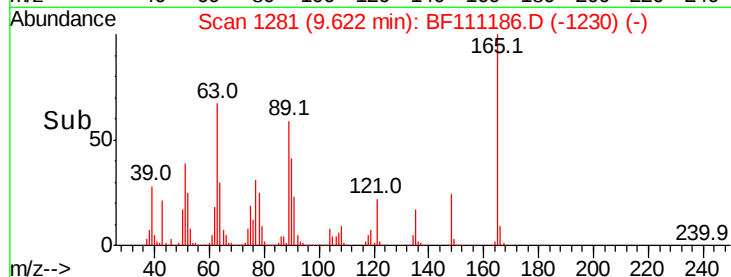
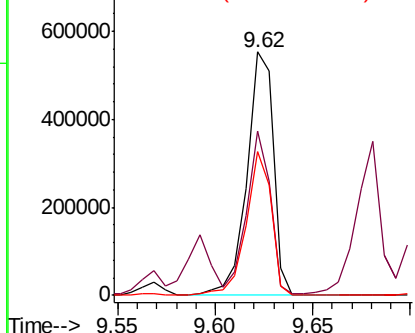
Tot Ion	Ratio	Resp	Lower	Upper
165	100	521235		
63	67.5	44.7	67.1#	
89	59.0	43.0	64.4	

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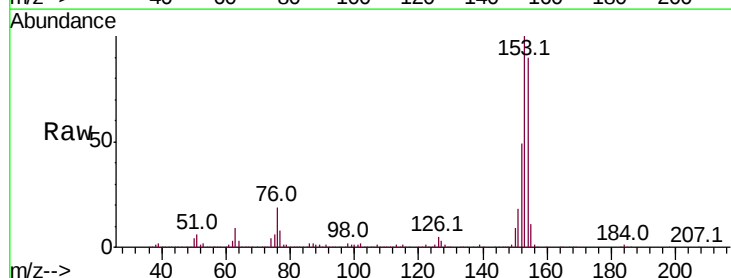


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

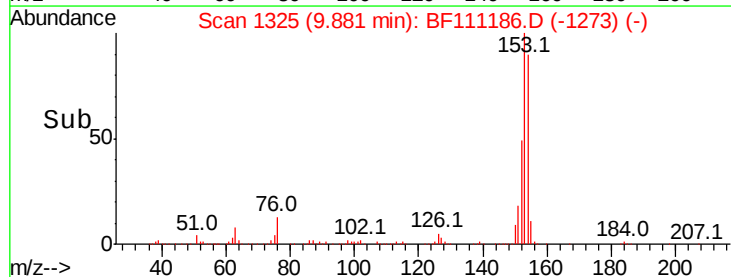
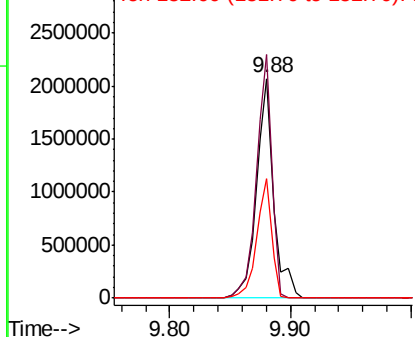


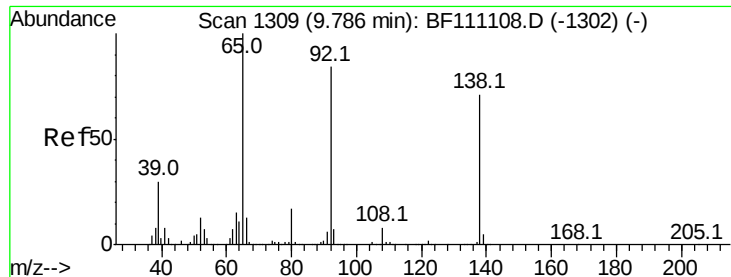
#52
 Acenaphthene
 Concen: 48.292 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2061934		
153	110.9	88.7	133.1	
152	54.4	43.8	65.8	



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





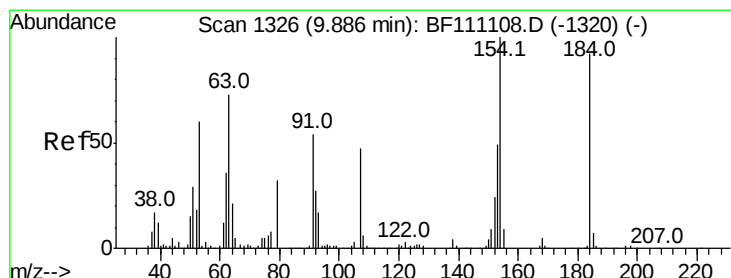
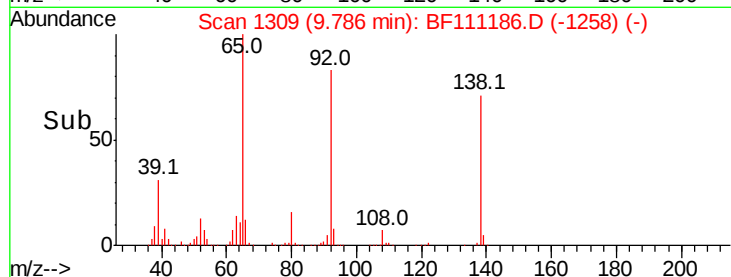
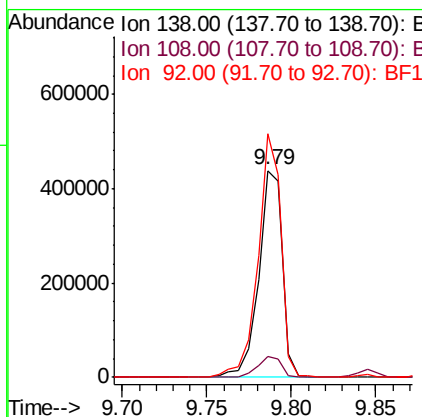
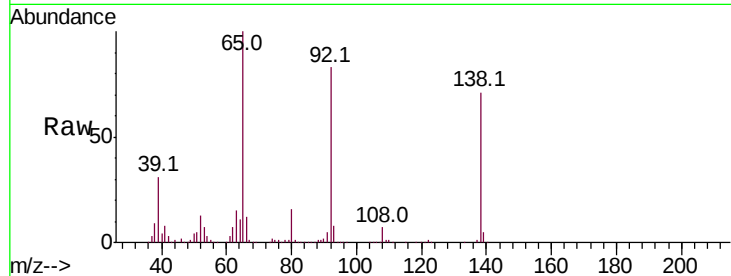
#53
3-Nitroaniline
Concen: 31.619 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	117.9	94.1	141.1

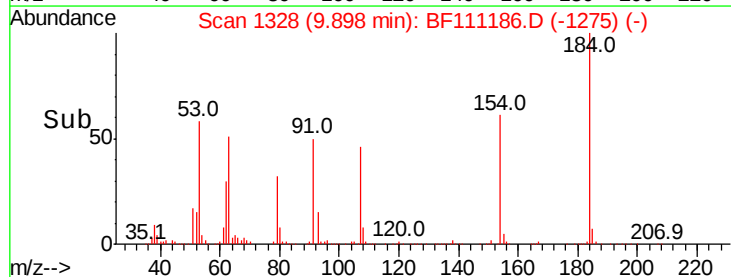
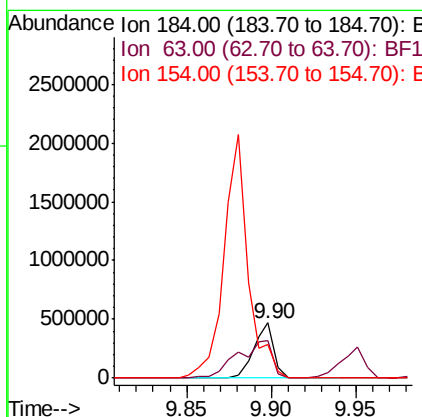
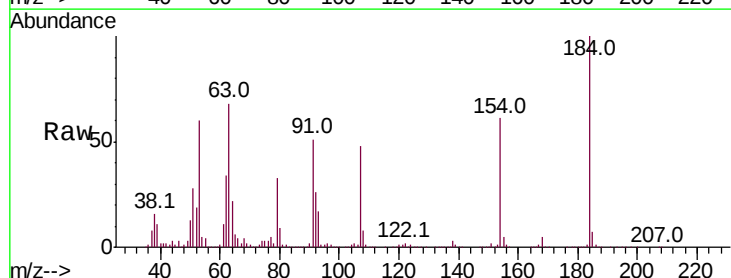
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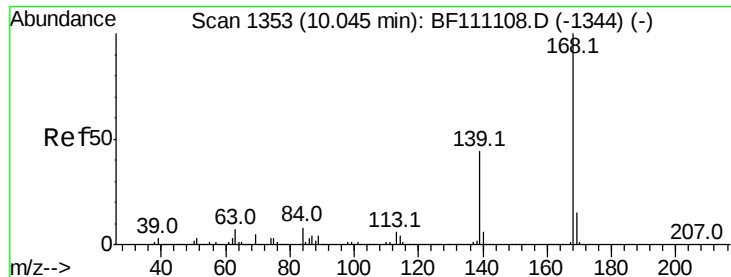
Sohil
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#54
2,4-Dinitrophenol
Concen: 111.928 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	64.2	96.4
154	61.4	89.5	134.3#





#55

Dibenzofuran

Concen: 46.374 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion:168 Resp: 2727174

Ion Ratio Lower Upper

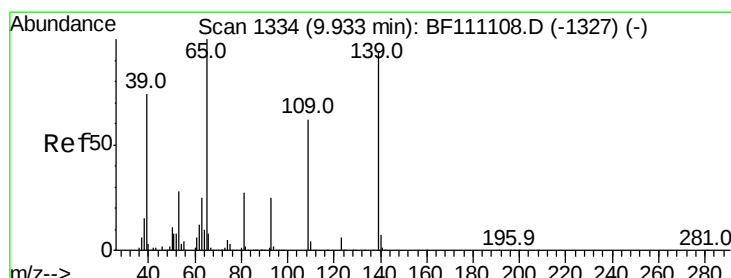
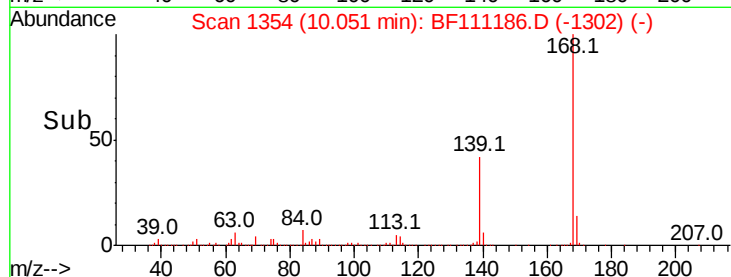
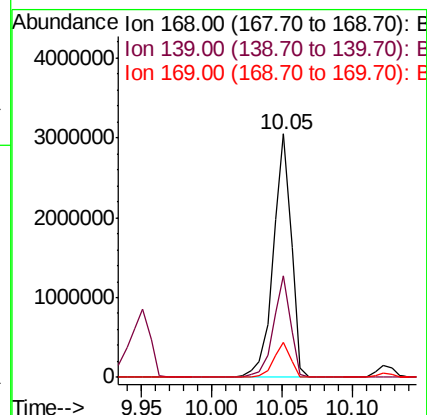
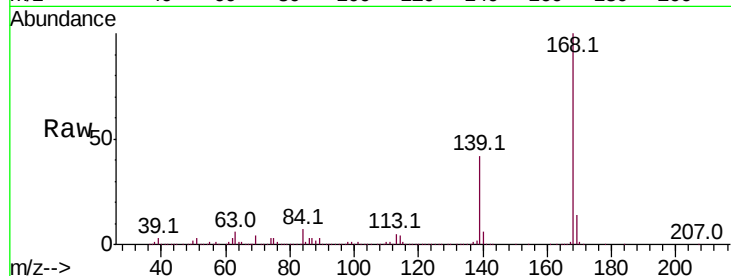
168 100

139 41.5 35.1 52.7

169 14.2 12.2 18.4

Manual Integrations
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#56

4-Nitrophenol

Concen: 89.617 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

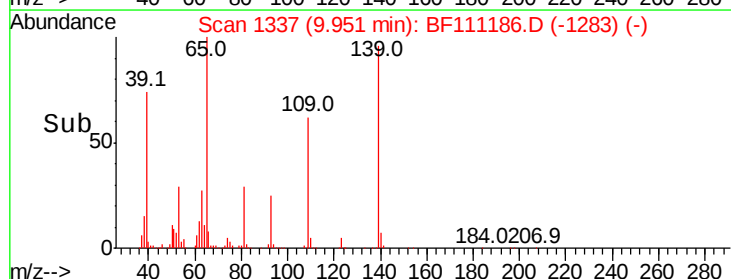
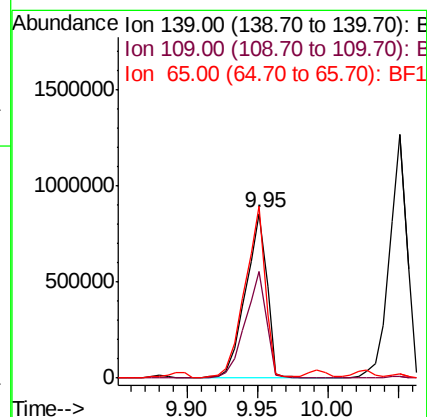
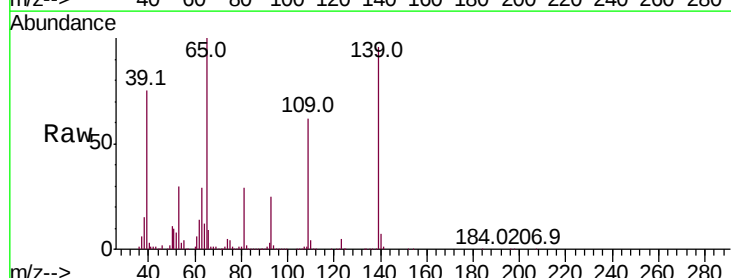
Tgt Ion:139 Resp: 909778

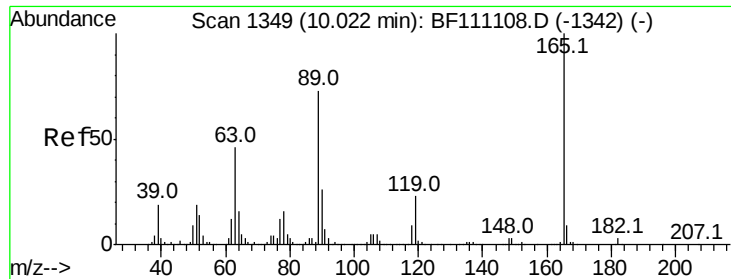
Ion Ratio Lower Upper

139 100

109 64.8 46.1 86.1

65 104.3 87.0 127.0





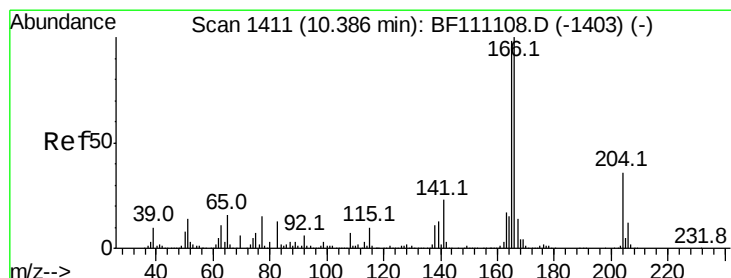
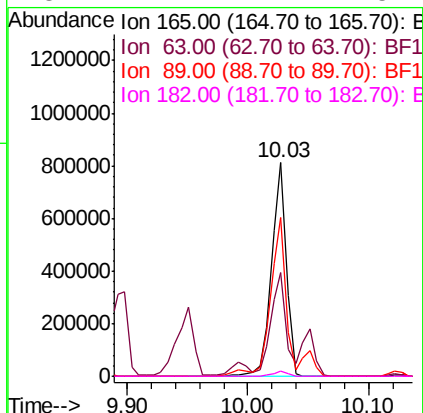
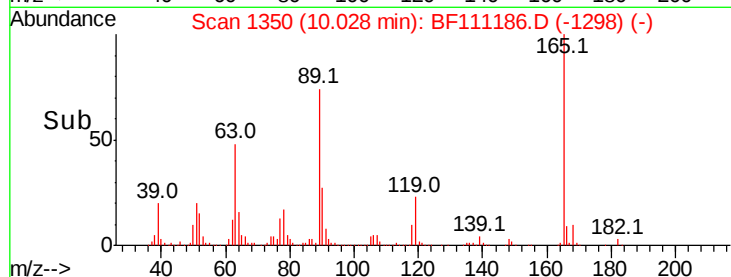
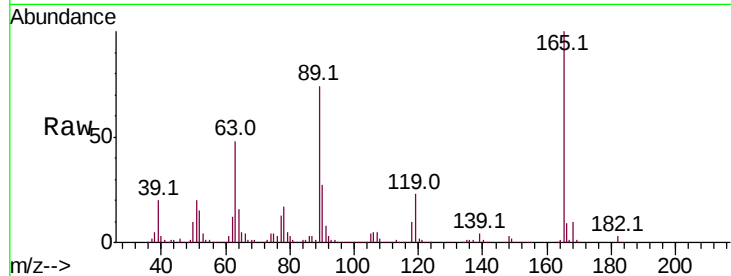
#57
2,4-Dinitrotoluene
Concen: 49.690 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	36.7	55.1
89	74.3	58.4	87.6
182	2.7	2.1	3.1

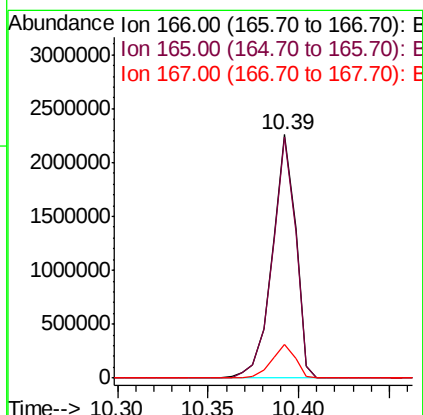
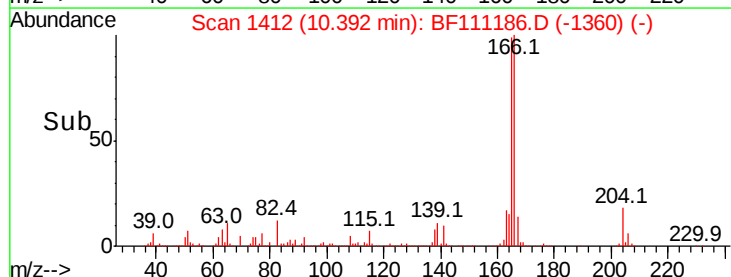
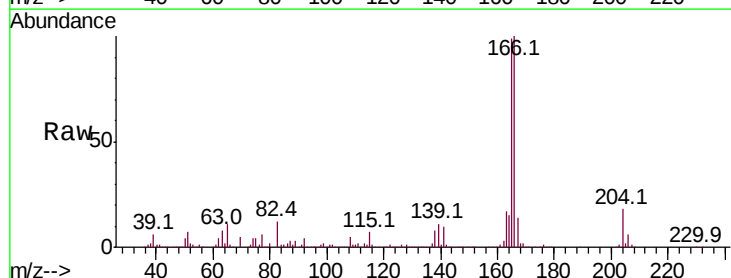
Manual Integrations
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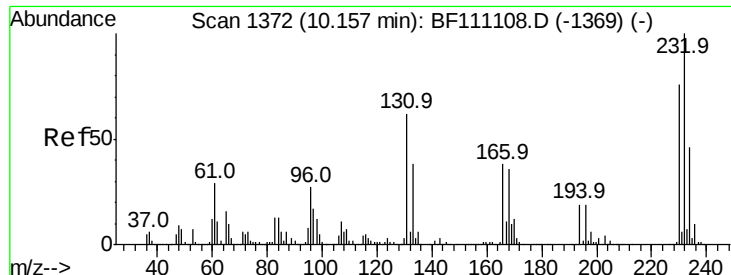
Sohil
12/11/2018 8:44:42 AM



#58
Fluorene
Concen: 48.714 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.4	117.6
167	13.9	11.4	17.2





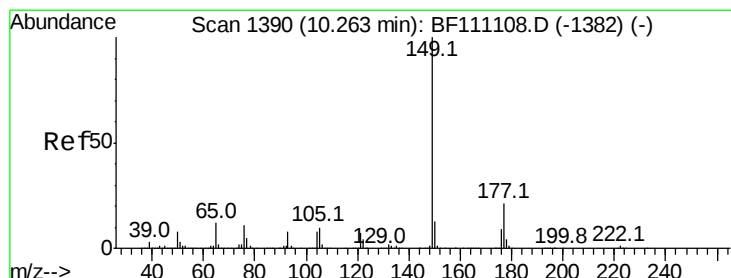
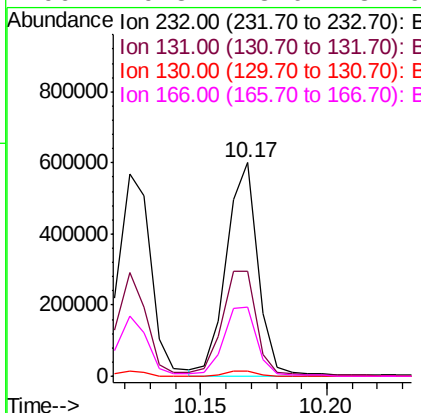
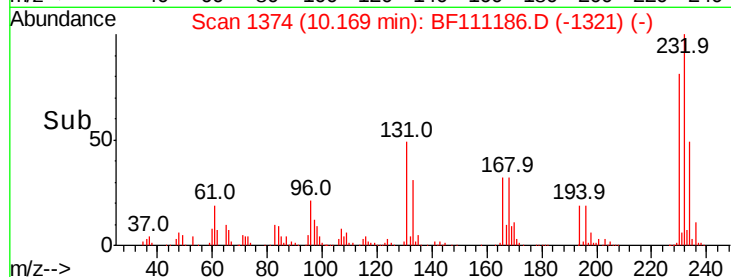
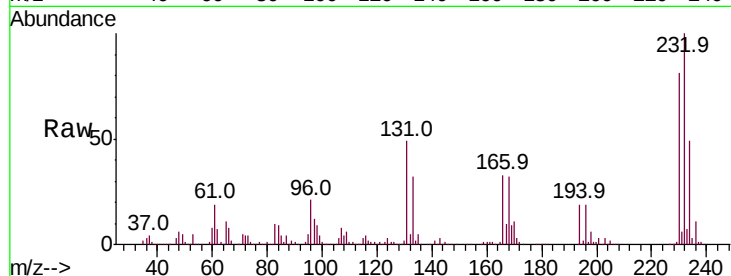
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.064 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	535913		
131	45.4		40.4	60.6
130	2.5		2.1	3.1
166	26.8		23.0	34.6

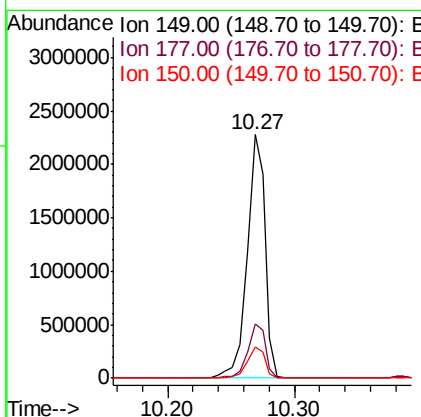
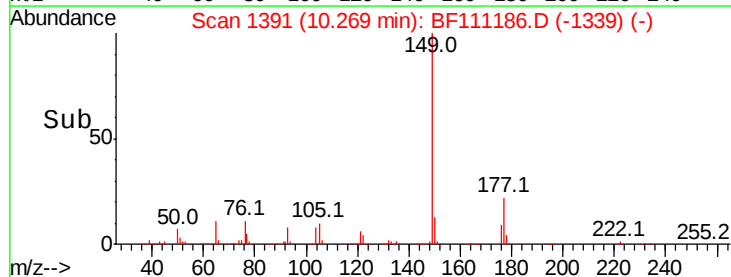
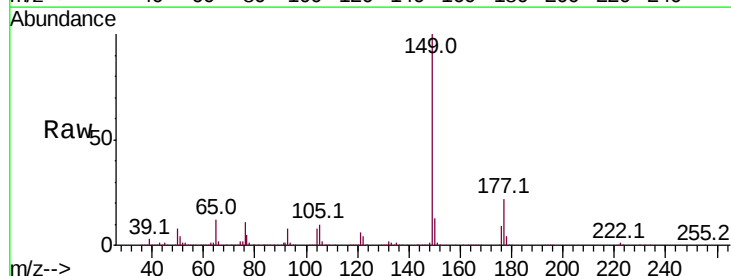
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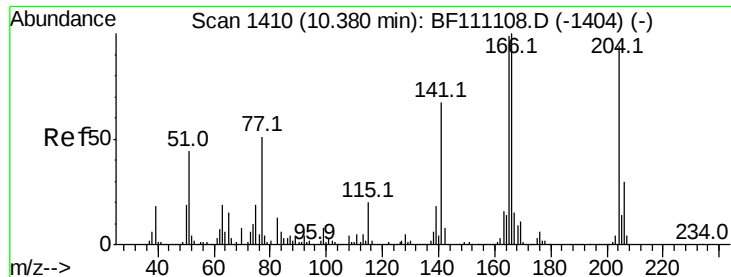
Sohil
 12/11/2018 8:44:42 AM



#60
 Diethylphthalate
 Concen: 43.954 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2222025		
177	22.0		17.0	25.6
150	12.9		10.5	15.7





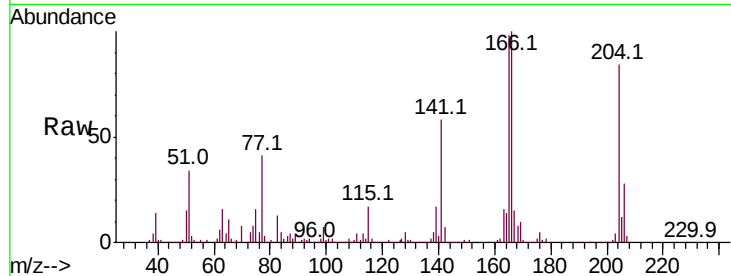
#61
4-Chlorophenyl-phenylether
Concen: 44.200 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampled :
PB115267BS

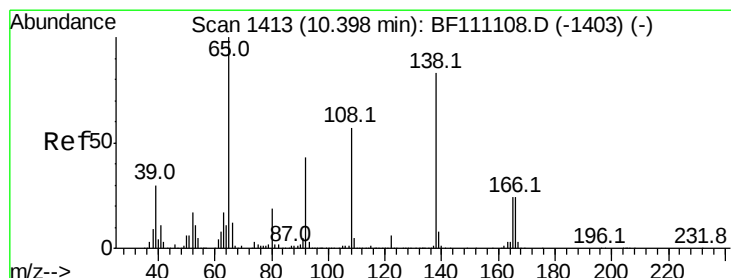
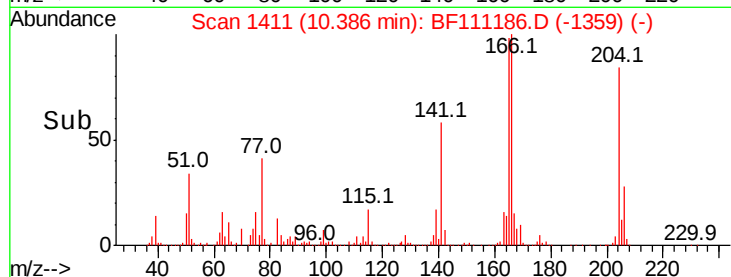
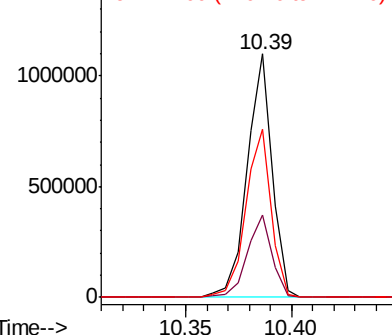
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.9	38.9
141	68.9	57.4	86.0

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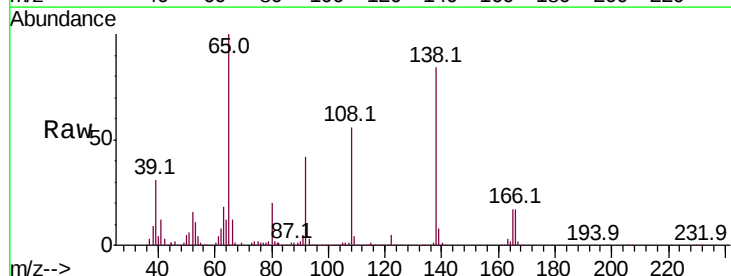


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

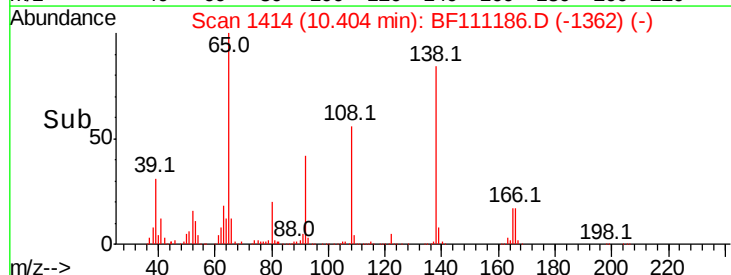
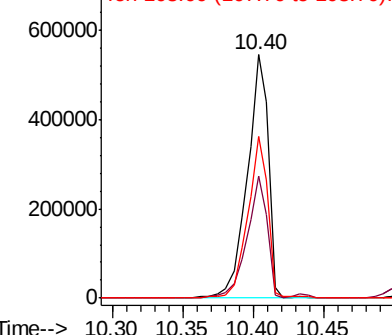


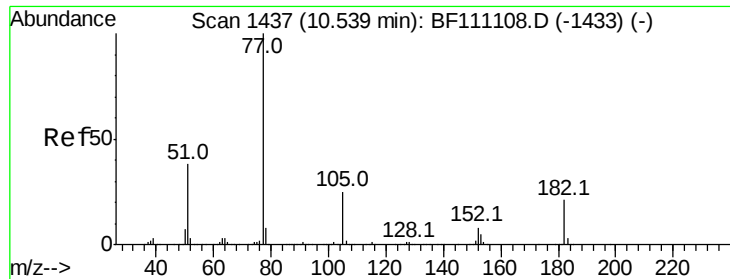
#62
4-Nitroaniline
Concen: 47.477 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.6	71.6
108	66.7	48.3	88.3



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





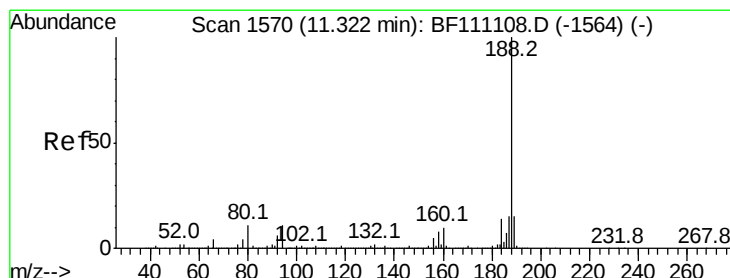
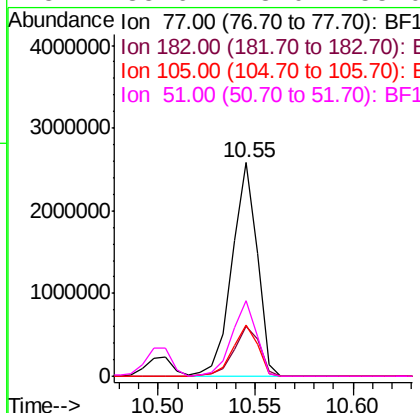
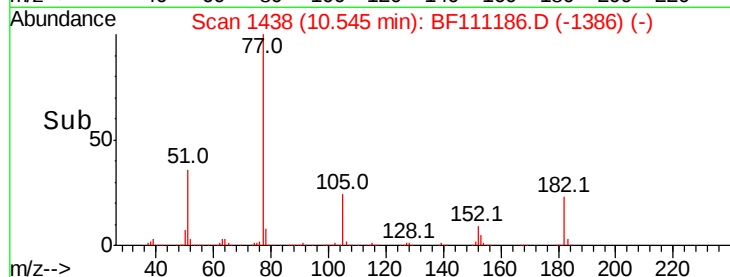
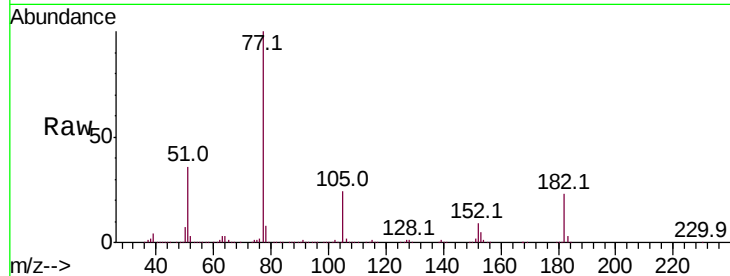
#63
Azobenzene
Concen: 42.799 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion: 77 Resp: 2303472
Ion Ratio Lower Upper
77 100
182 23.4 1.4 41.4
105 24.0 4.7 44.7
51 35.6 18.0 58.0

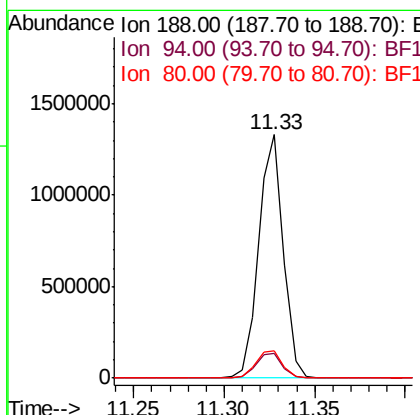
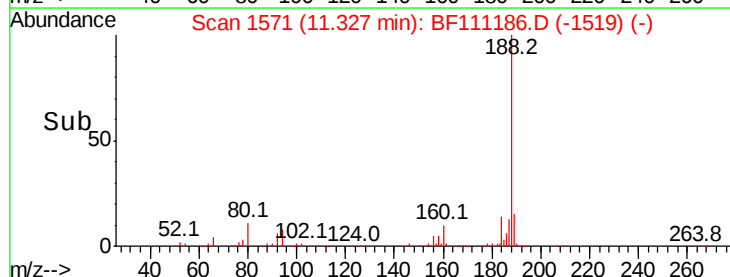
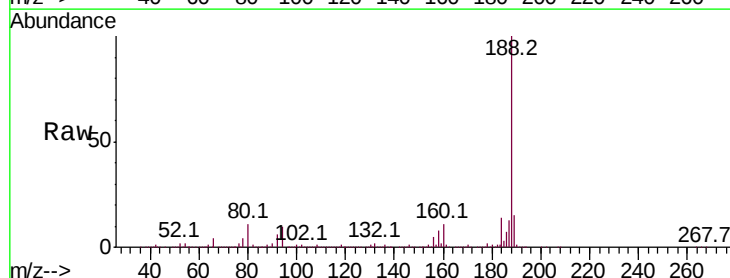
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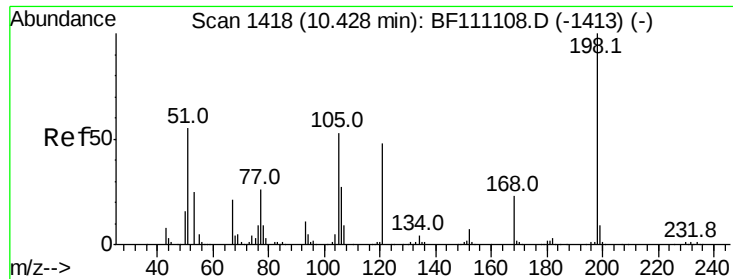
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion: 188 Resp: 1249025
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 51.504 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

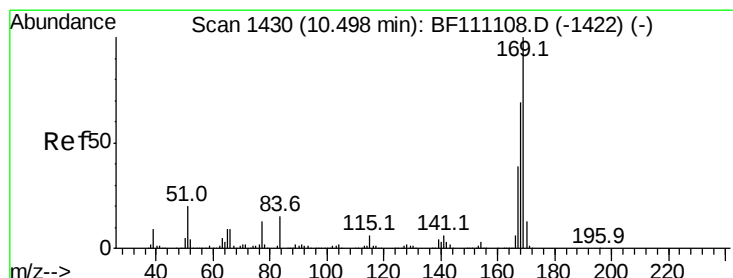
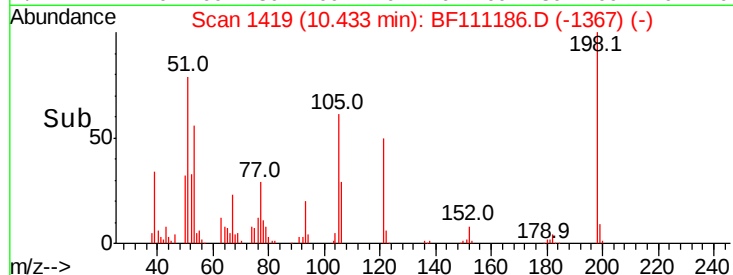
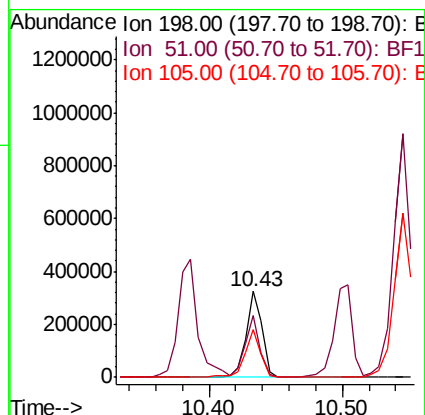
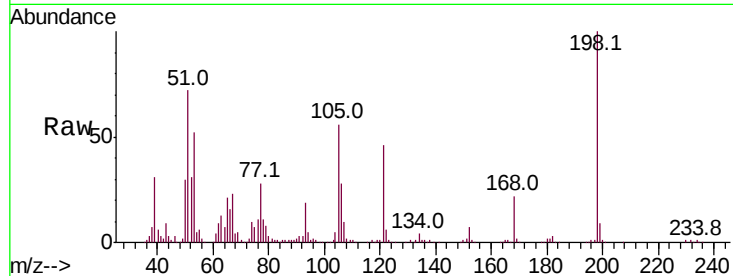
ClientSampleId :

PB115267BS

Tot Ion:	198	Resp:	265771
Ion Ratio	Lower	Upper	
198	100		
51	71.6	48.8	88.8
105	55.6	35.2	75.2

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#66

n-Nitrosodiphenylamine

Concen: 42.972 ng

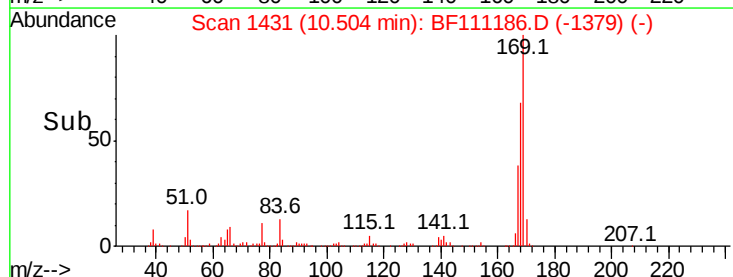
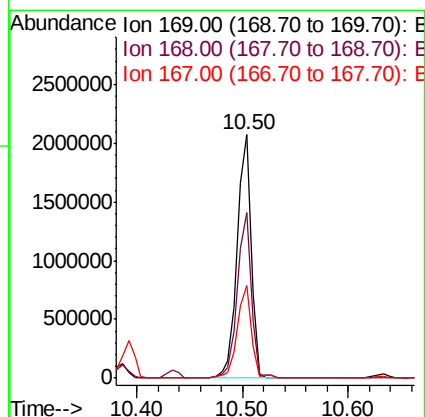
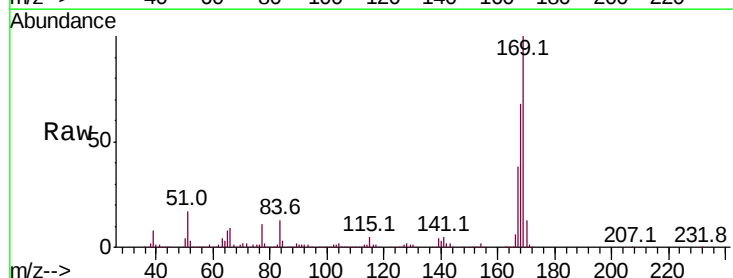
RT: 10.50 min Scan# 1431

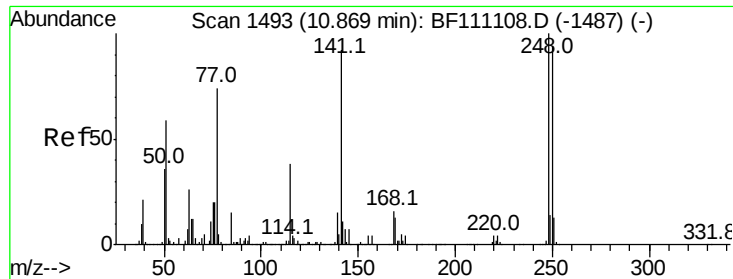
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:	169	Resp:	1879391
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.4	83.2
167	38.2	31.1	46.7





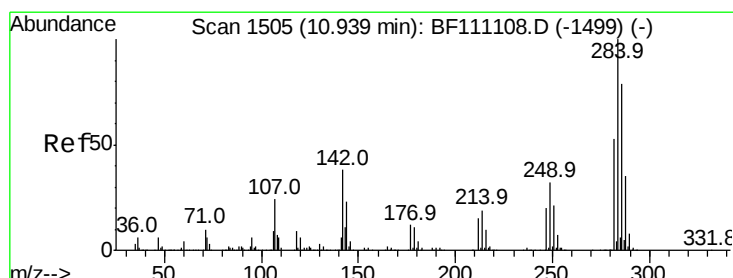
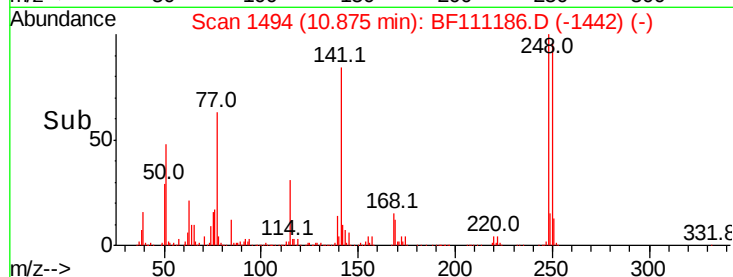
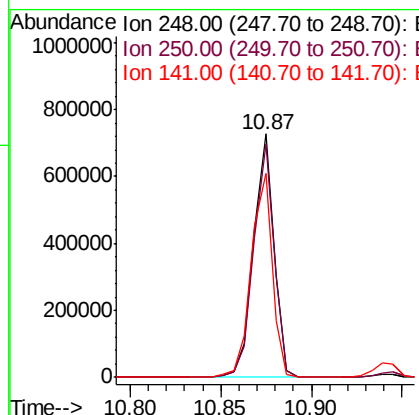
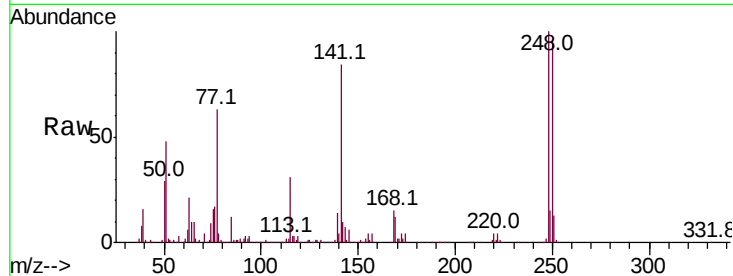
#67
4-Bromophenyl-phenylether
Concen: 43.228 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.4	113.0
141	83.8	73.8	110.6

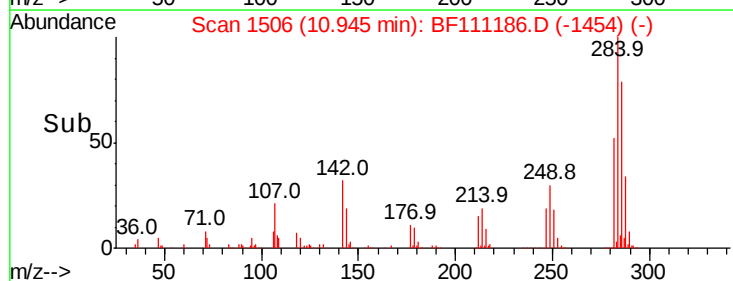
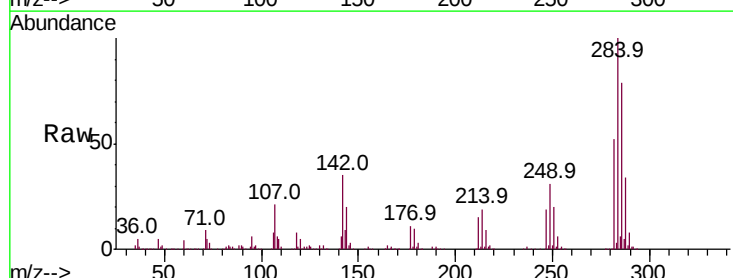
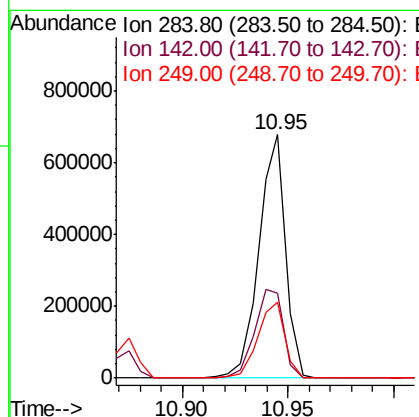
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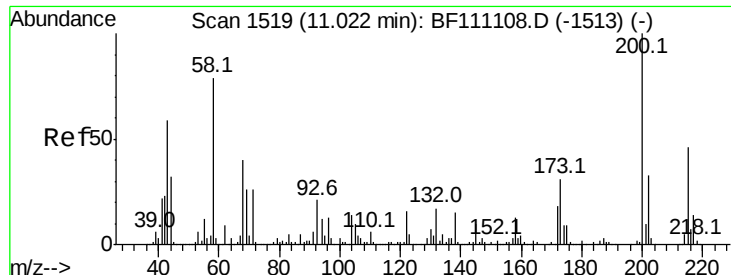
Sohil
12/11/2018 8:44:42 AM



#68
Hexachlorobenzene
Concen: 43.916 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	30.2	45.2
249	31.2	25.3	37.9





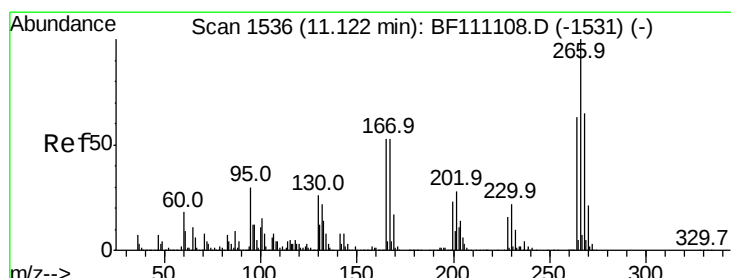
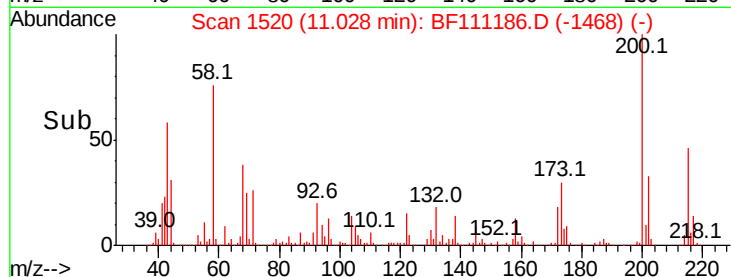
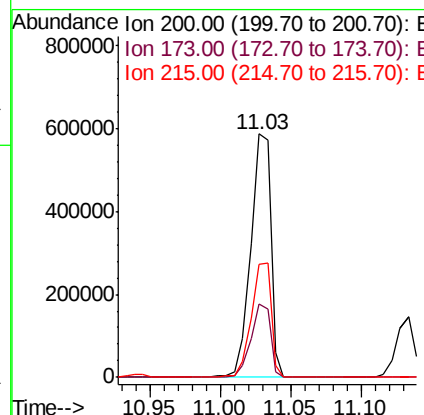
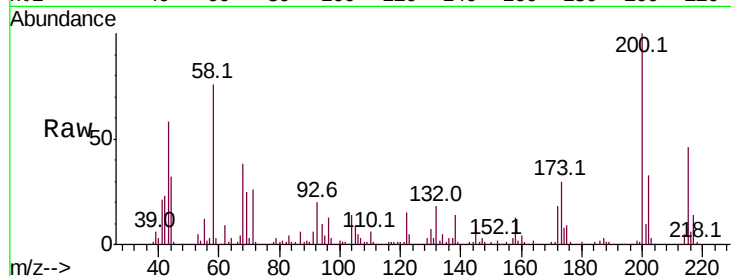
#69
Atrazine
Concen: 50.305 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.0	11.3	51.3
215	46.2	25.9	65.9

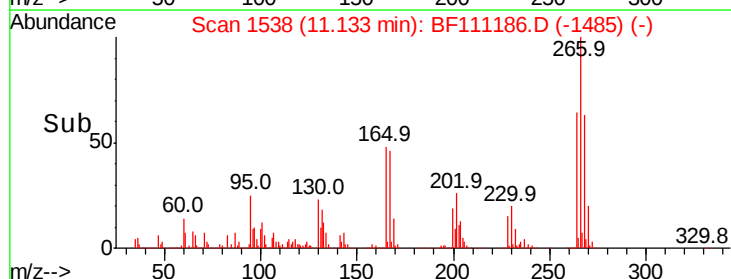
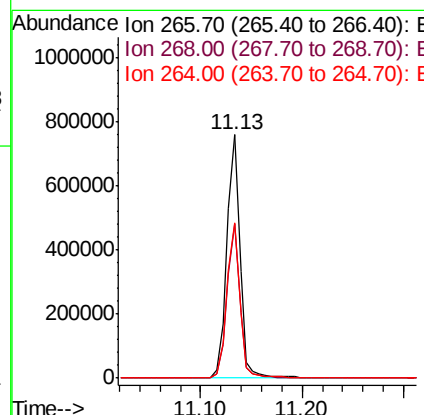
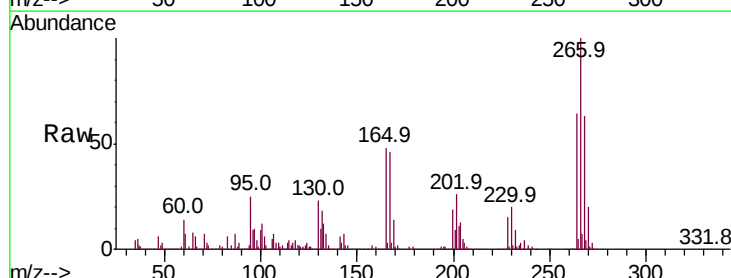
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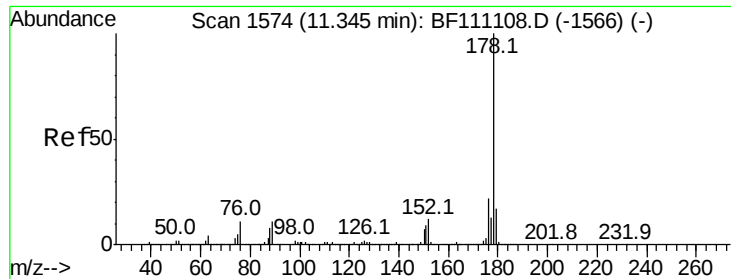
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#70
Pentachlorophenol
Concen: 77.541 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	52.2	78.4
264	63.9	50.8	76.2





#71

Phenanthrene

Concen: 47.848 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion:178 Resp: 2874703

Ion Ratio Lower Upper

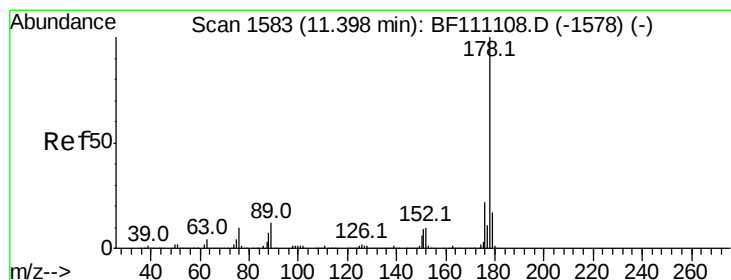
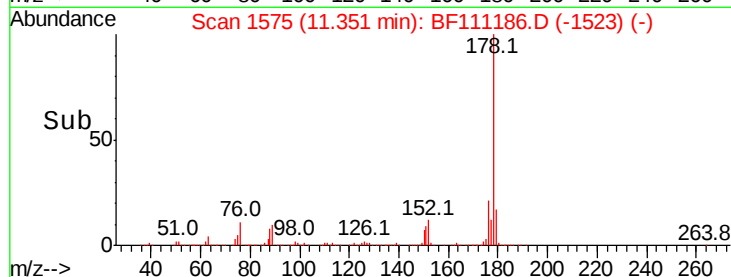
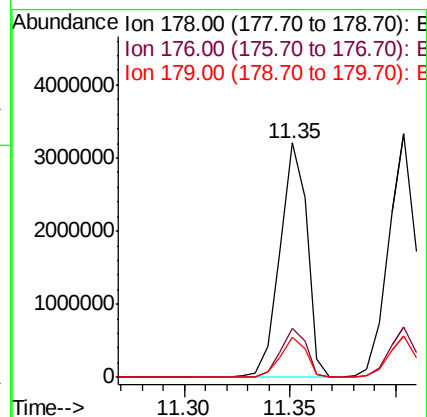
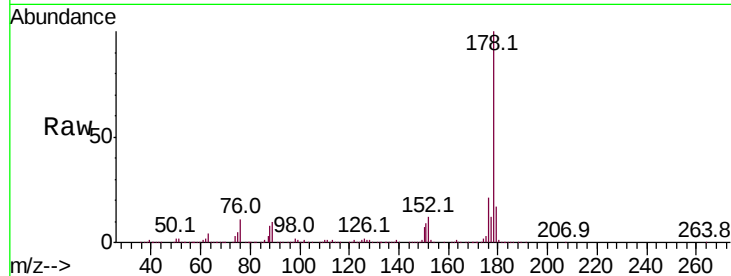
178 100

176 21.2 17.7 26.5

179 17.0 14.0 21.0

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#72

Anthracene

Concen: 48.485 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

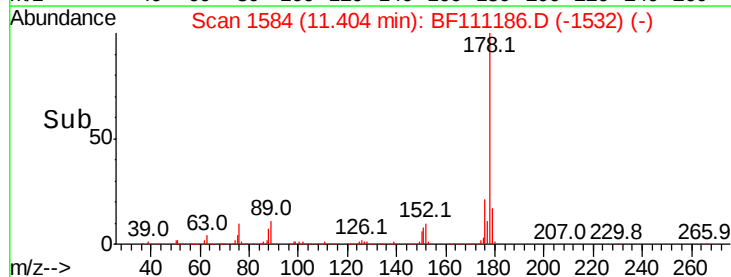
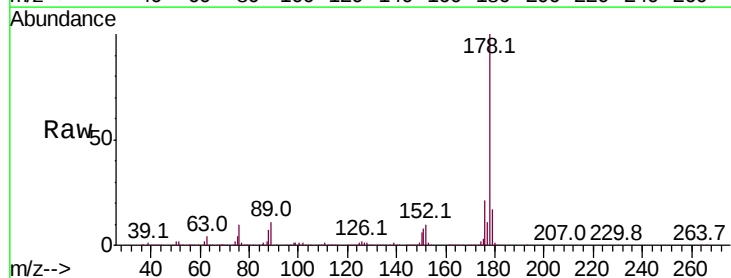
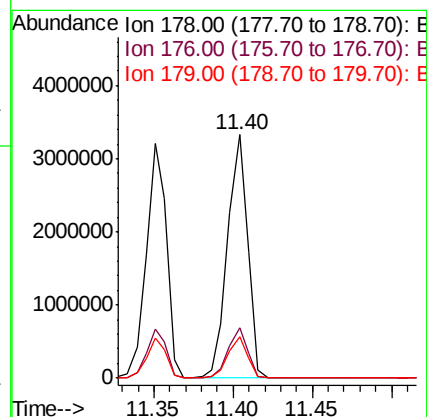
Tgt Ion:178 Resp: 2936286

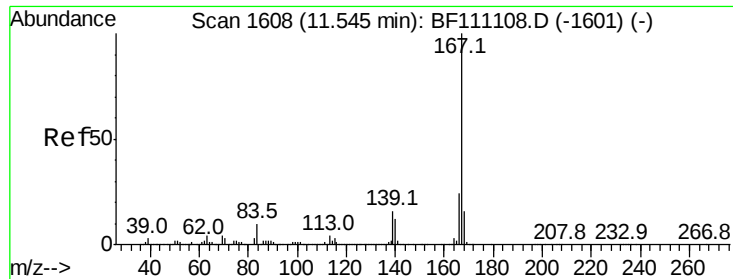
Ion Ratio Lower Upper

178 100

176 20.8 17.3 25.9

179 17.2 13.8 20.8





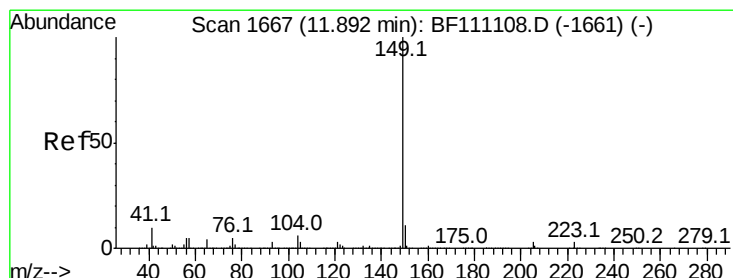
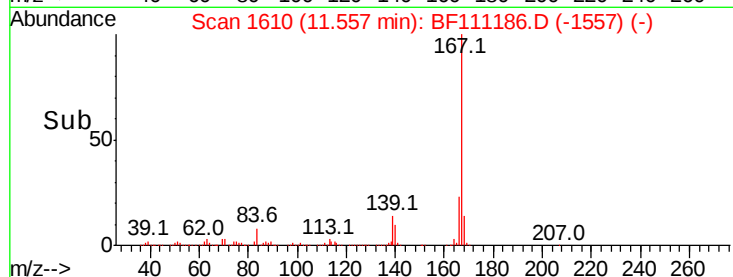
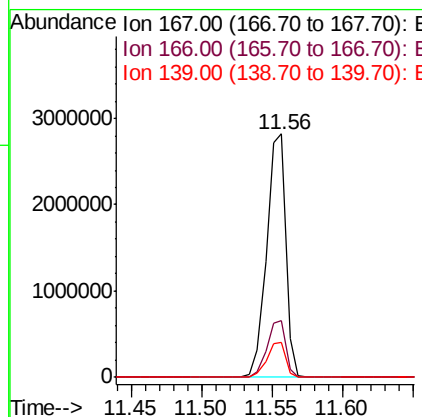
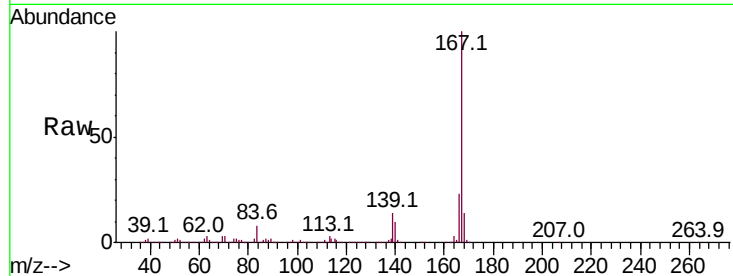
#73
 Carbazole
 Concen: 43.264 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.0
139	14.2	12.6	18.8

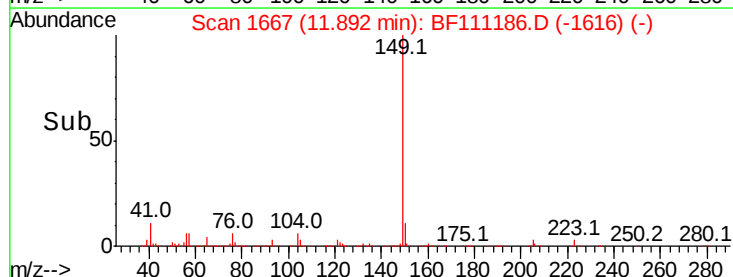
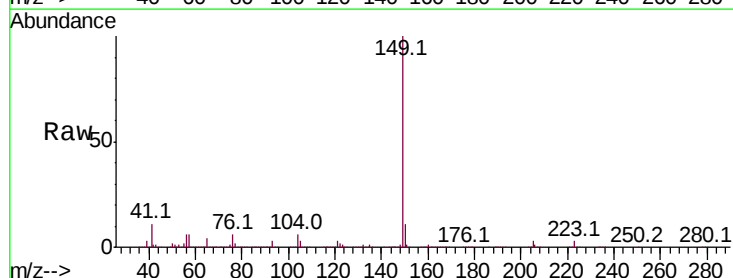
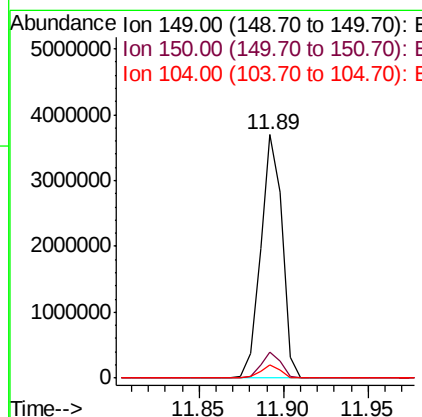
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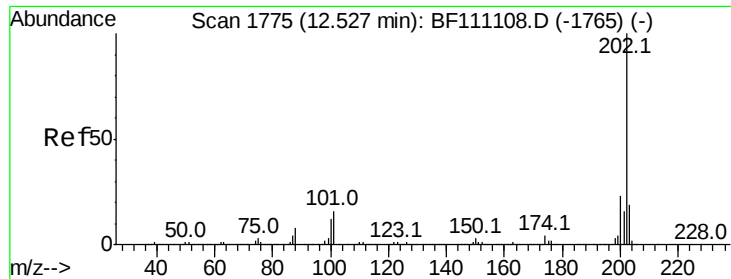
Sohil
 12/11/2018 8:44:42 AM



#74
 Di-n-butylphthalate
 Concen: 44.129 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 47.855 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

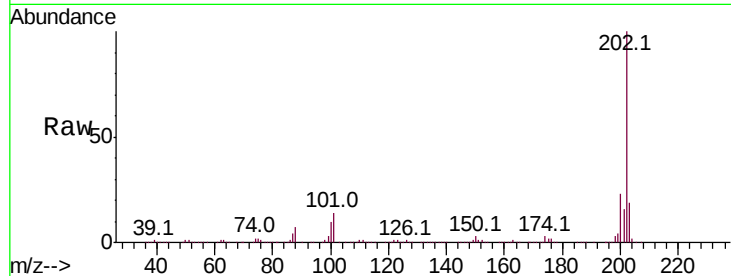
ClientSampleId :

PB115267BS

Tot Ion:	202	Resp:	2813420
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	35.8
203	18.7	0.0	38.6

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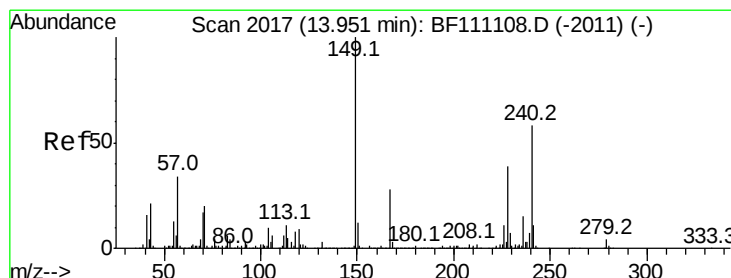
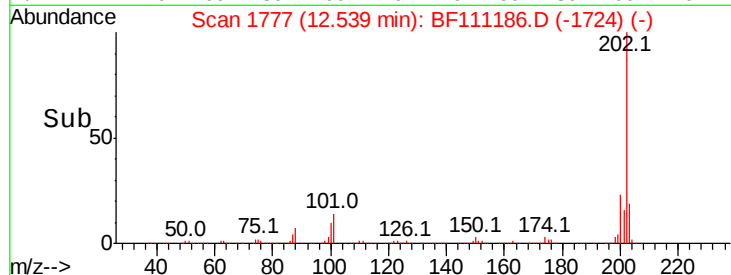
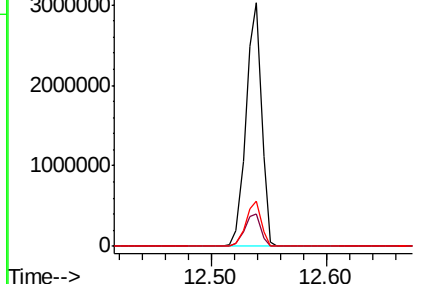
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111186.D

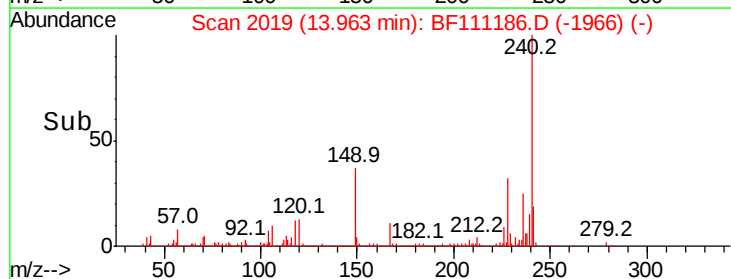
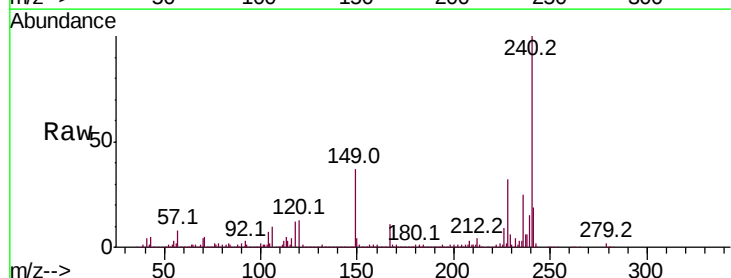
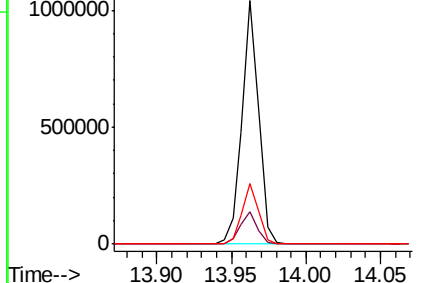
Acq: 7 Dec 2018 14:53

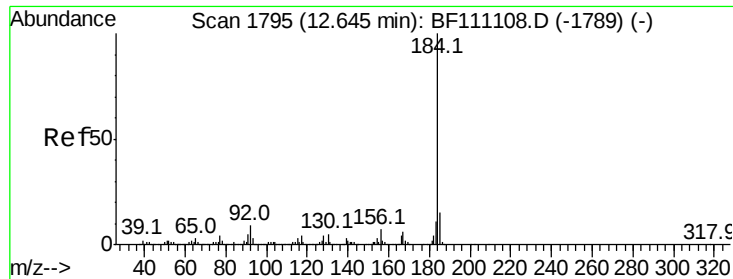
Tgt Ion:	240	Resp:	810764
Ion Ratio	Lower	Upper	
240	100		
120	13.1	12.8	19.2
236	24.9	21.1	31.7

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





#77

Benzidine

Concen: 49.418 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion:184 Resp: 1336115

Ion Ratio Lower Upper

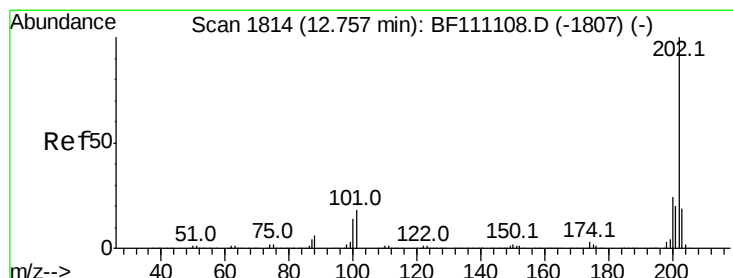
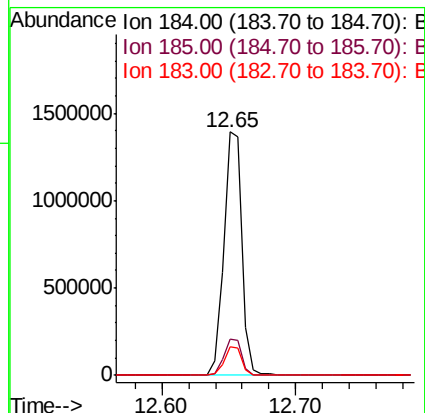
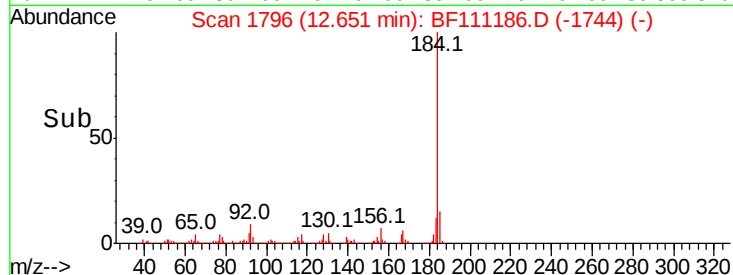
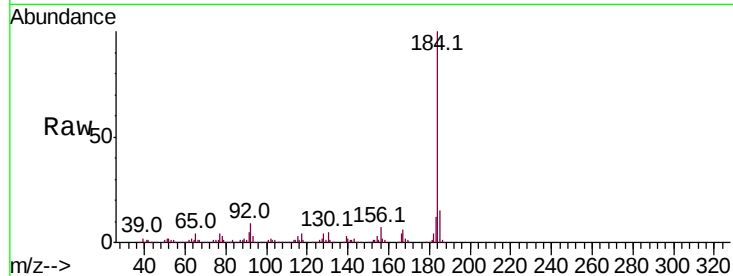
184 100

185 15.1 12.0 18.0

183 11.9 8.9 13.3

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#78

Pyrene

Concen: 45.279 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

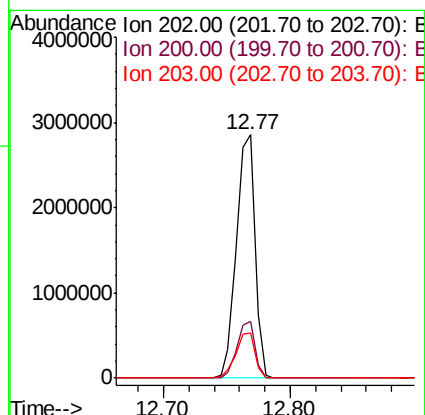
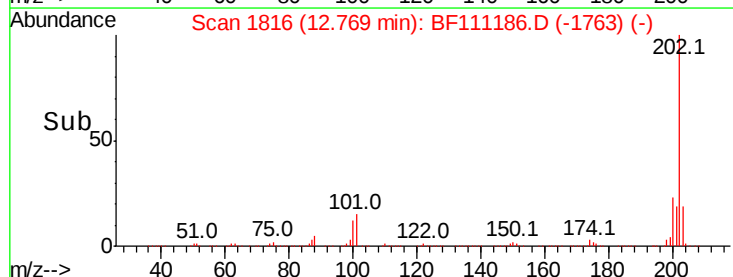
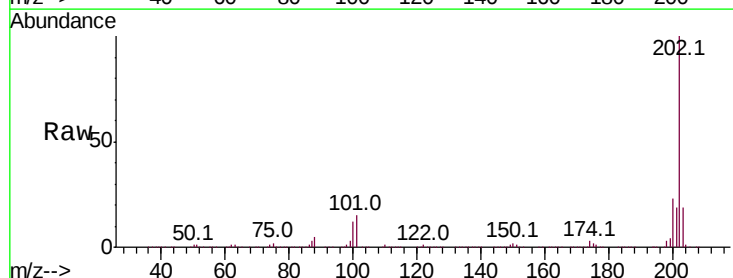
Tgt Ion:202 Resp: 2860009

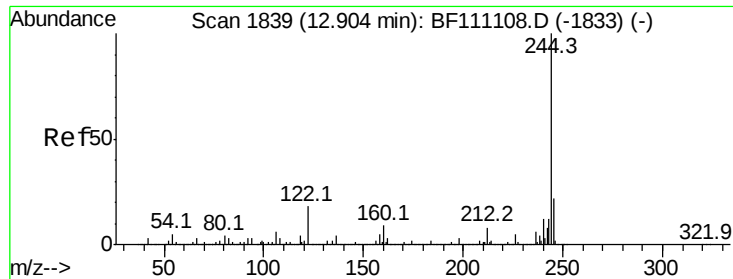
Ion Ratio Lower Upper

202 100

200 23.1 19.3 28.9

203 18.8 15.4 23.2





#79

Terphenyl-d14

Concen: 74.859 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB115267BS

Tot Ion:244 Resp: 2963535

Ion Ratio Lower Upper

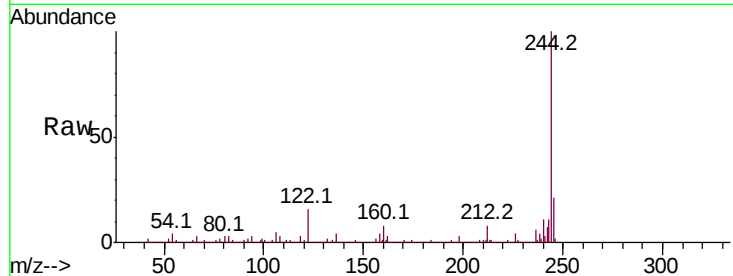
244 100

212 7.5 6.6 9.8

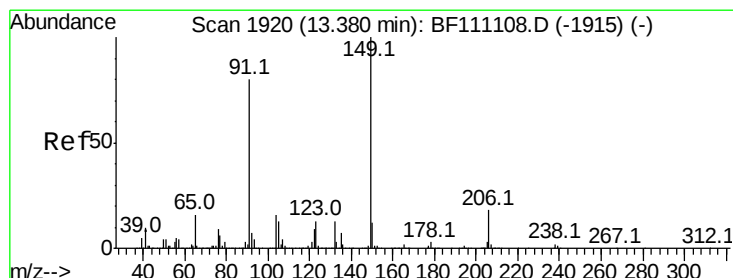
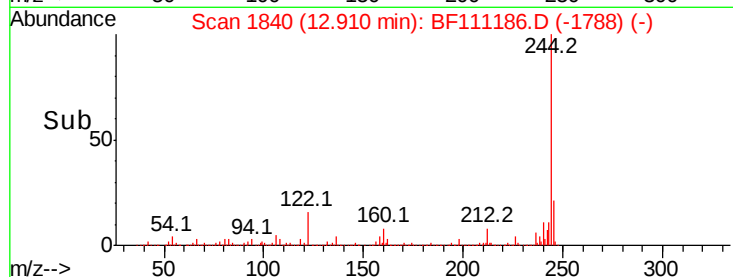
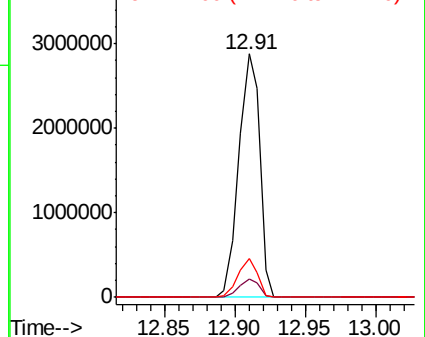
122 15.7 14.2 21.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.949 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

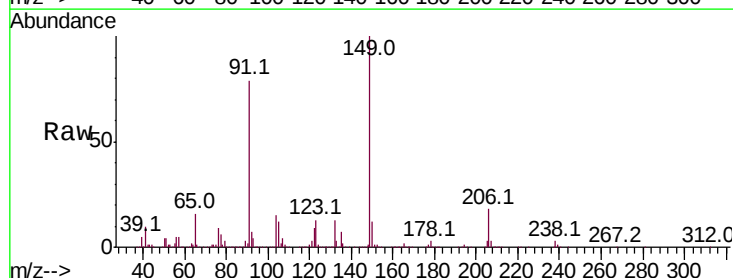
Tgt Ion:149 Resp: 1371549

Ion Ratio Lower Upper

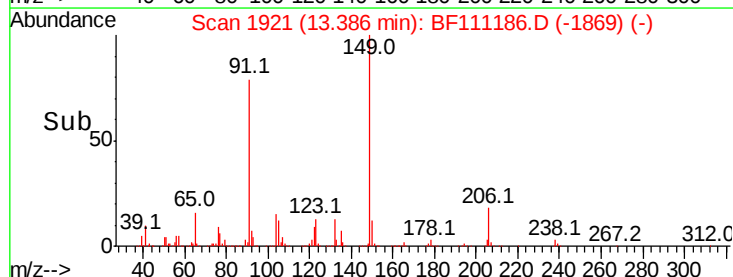
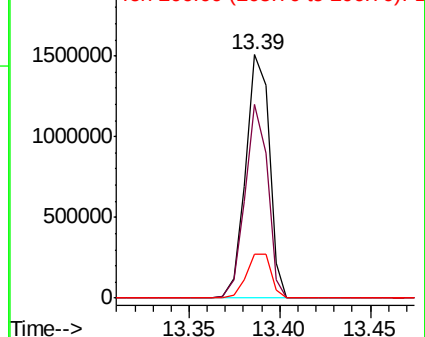
149 100

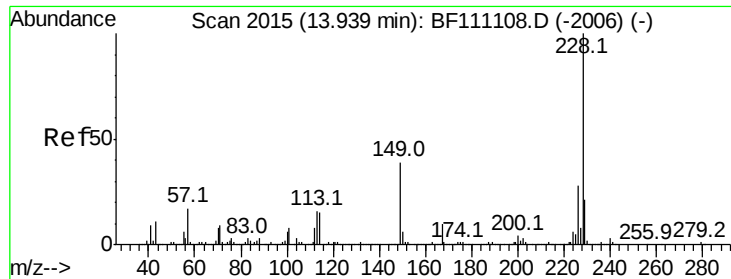
91 79.4 64.0 96.0

206 18.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





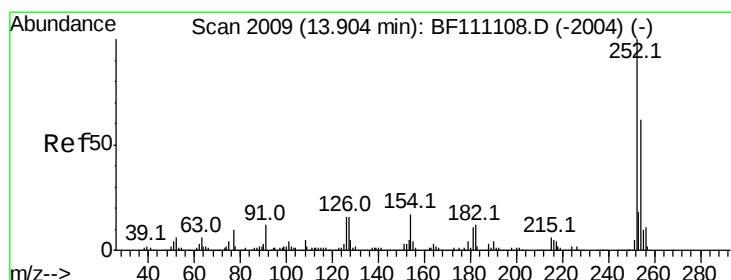
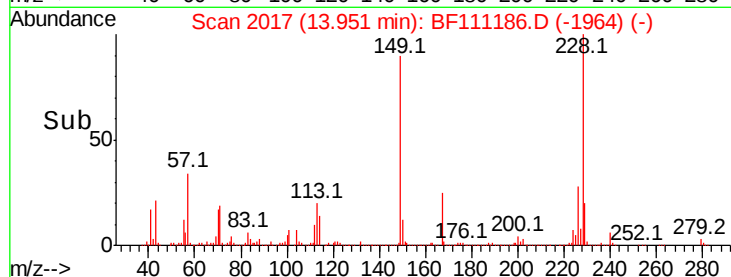
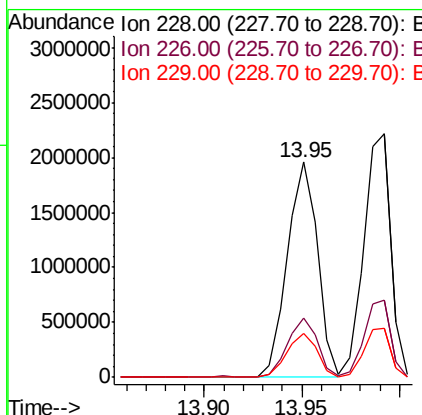
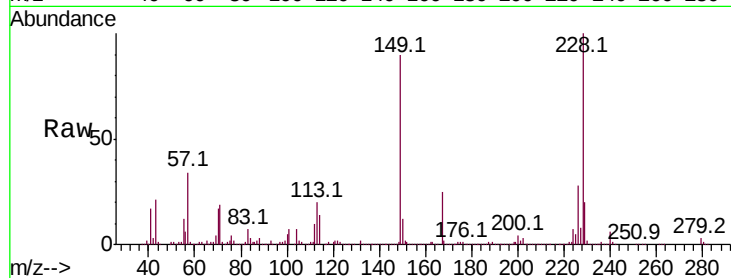
#81
Benzo(a)anthracene
Concen: 44.245 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.3	16.7	25.1

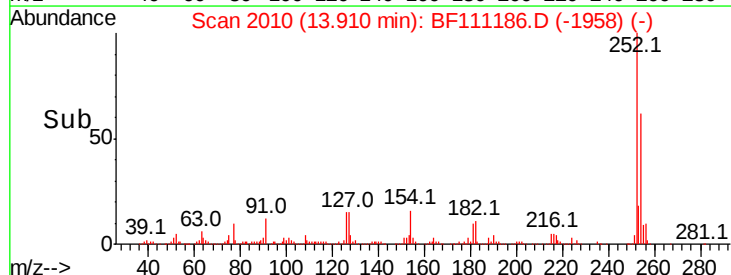
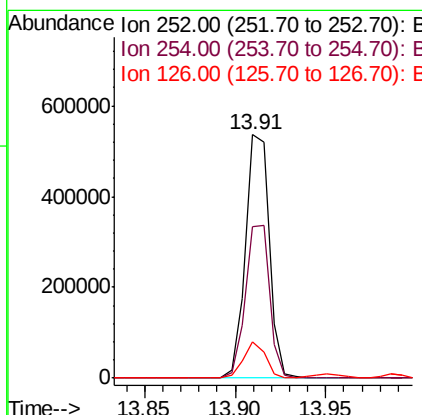
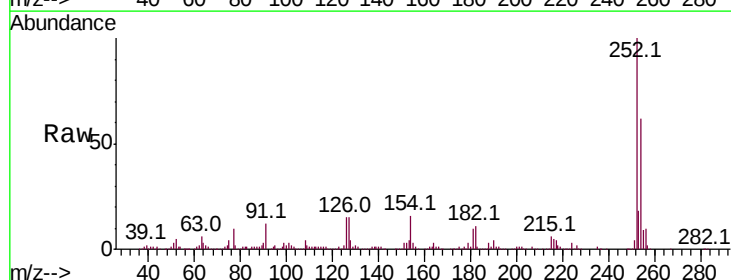
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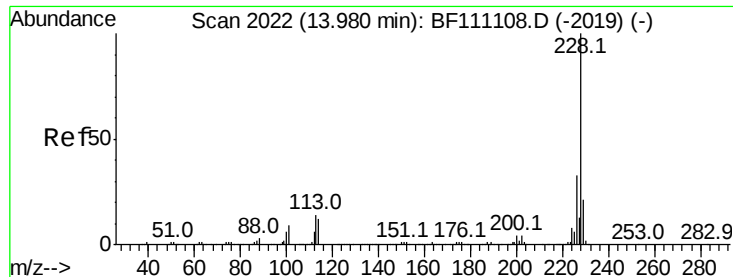
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#82
3,3'-Dichlorobenzidine
Concen: 27.339 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	49.8	74.8
126	14.8	12.9	19.3





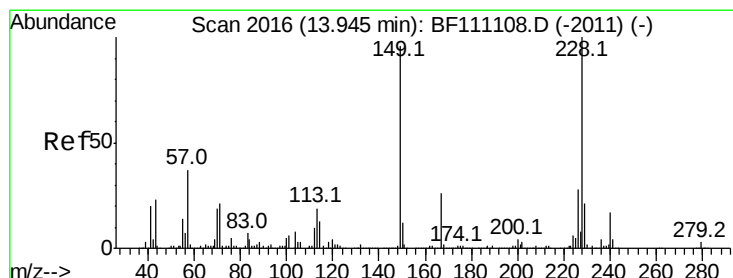
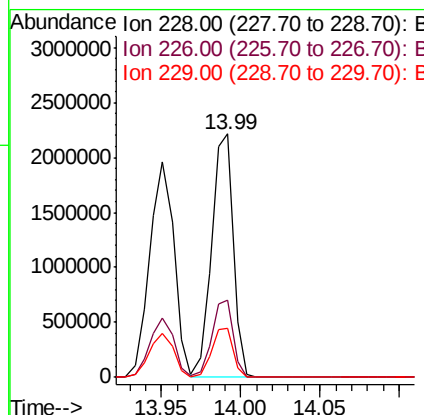
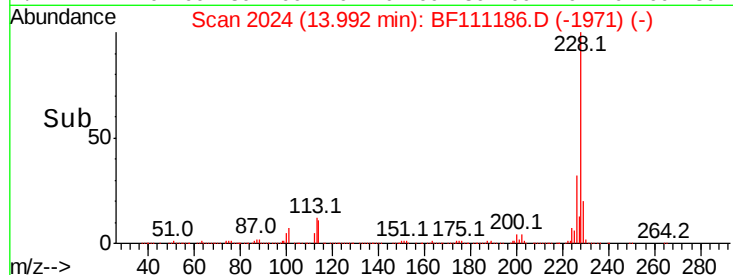
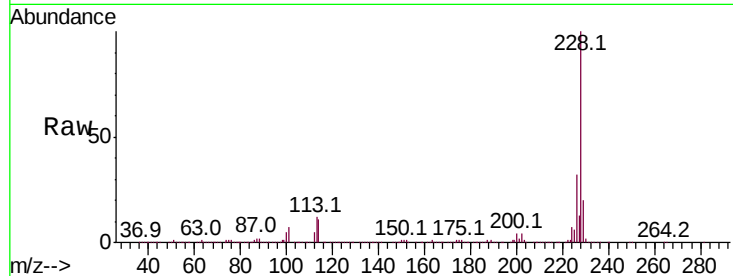
#83
 Chrvsene
 Concen: 44.788 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.2
229	20.1	16.9	25.3

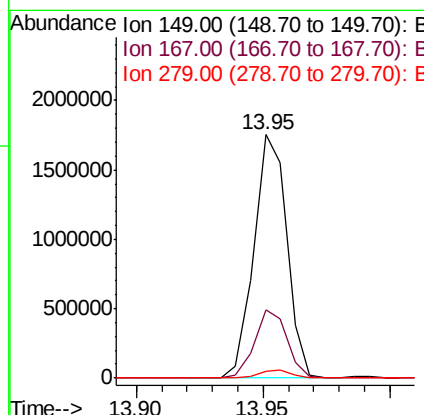
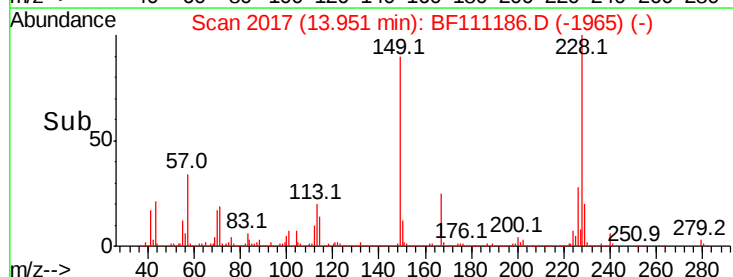
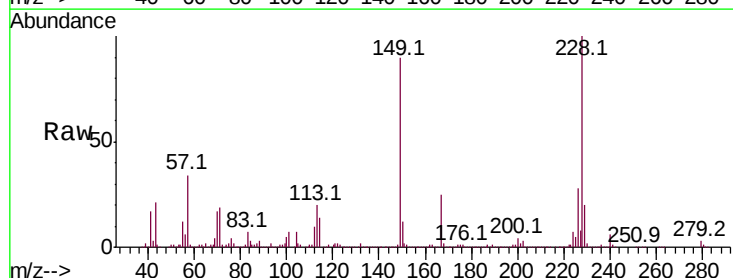
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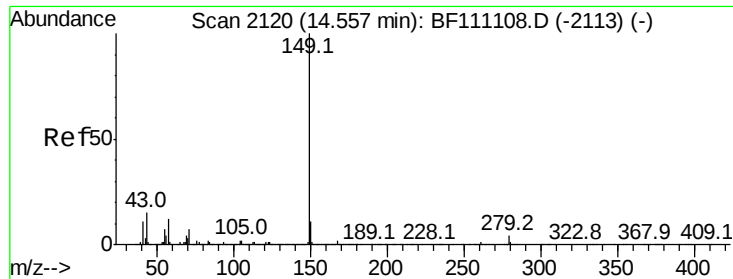
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.253 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	2.9	2.3	3.5





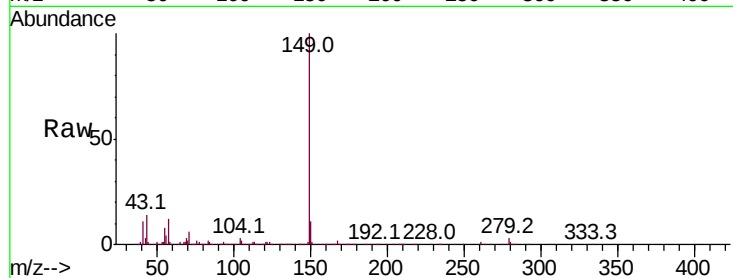
#85
Di-n-octyl phthalate
Concen: 45.027 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	11.9	17.9

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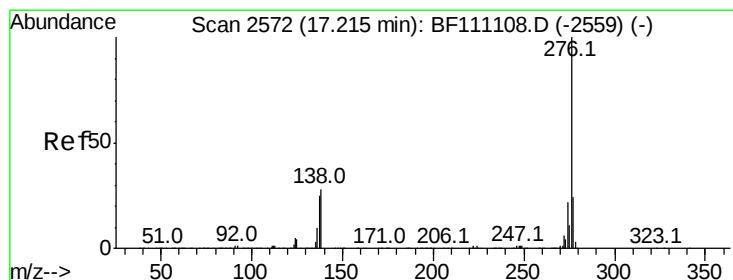
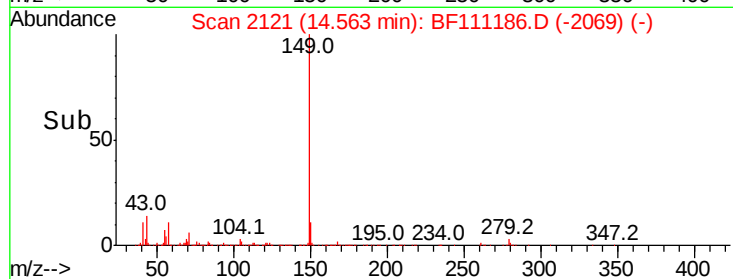
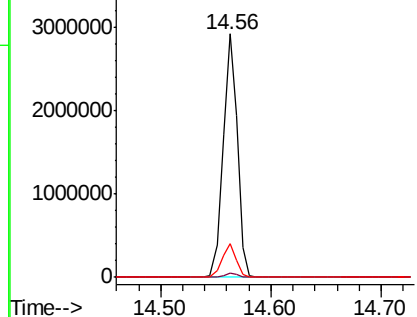


Abundance

Ion 149.00 (148.70 to 149.70): E

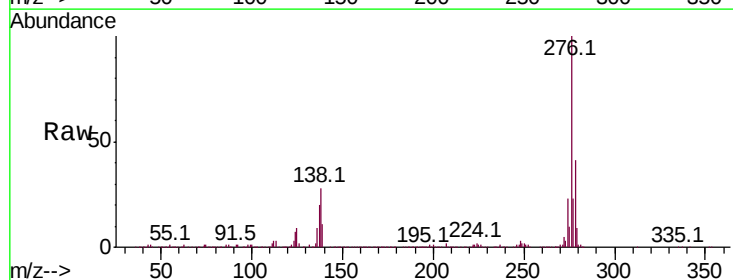
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.641 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	20.2	30.4#
277	25.4	15.8	23.6#

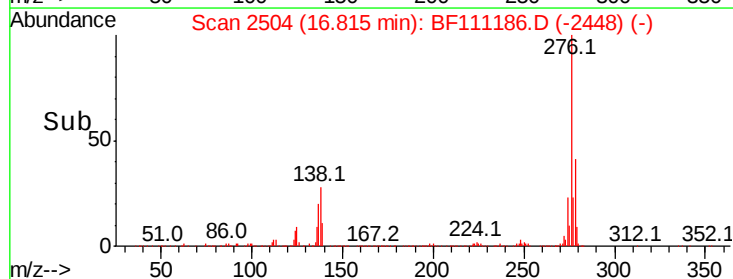
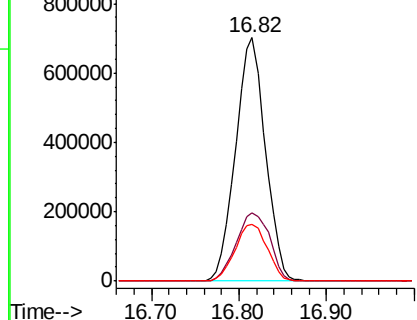


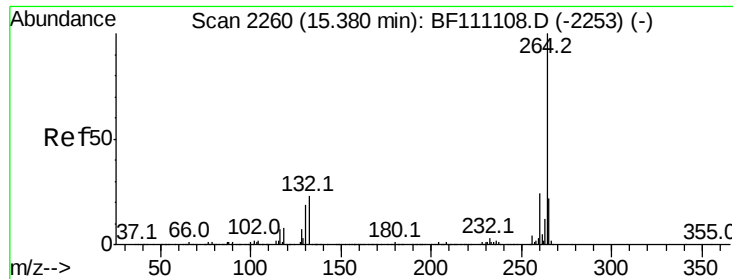
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

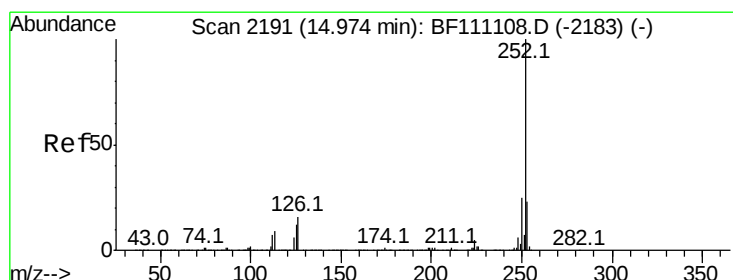
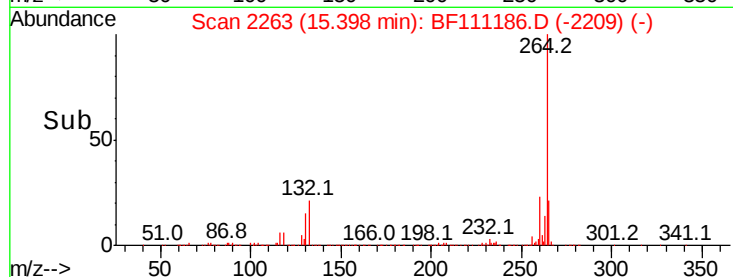
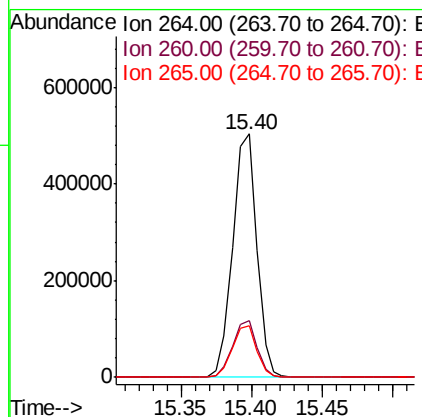
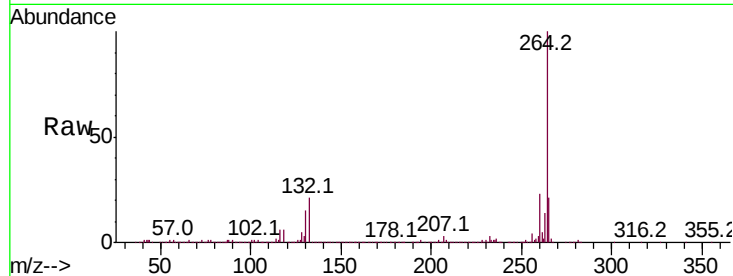
ClientSampleId :

PB115267BS

Tot Ion:	264	Resp:	599125
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.0
265	21.3	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 51.461 ng

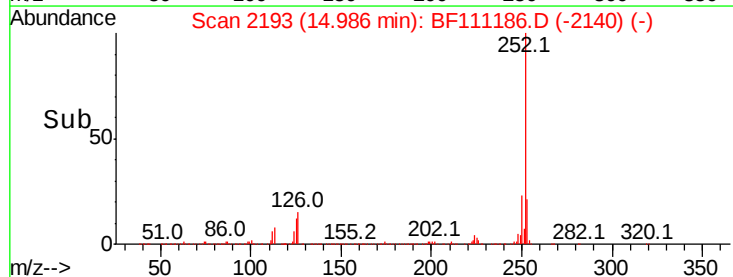
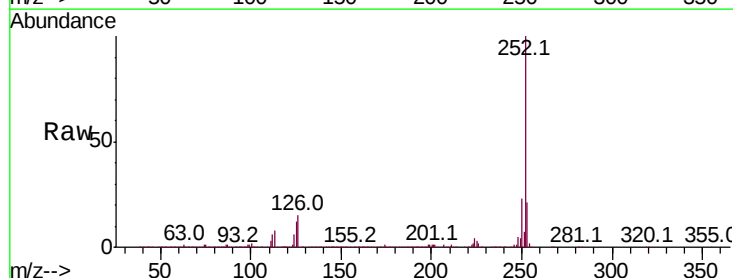
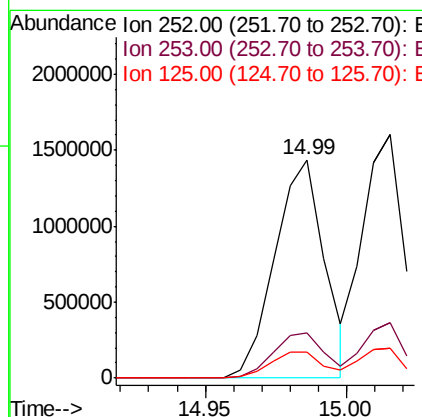
RT: 14.99 min Scan# 2193

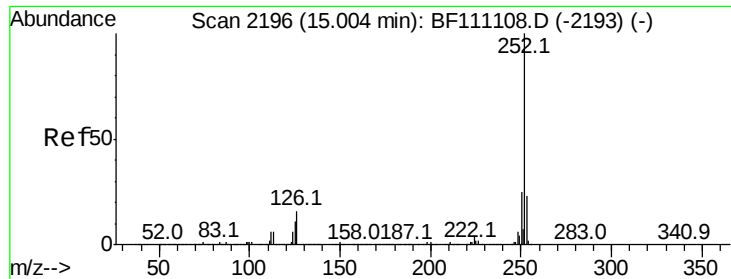
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:	252	Resp:	1747053
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.5	27.7
125	11.6	9.9	14.9





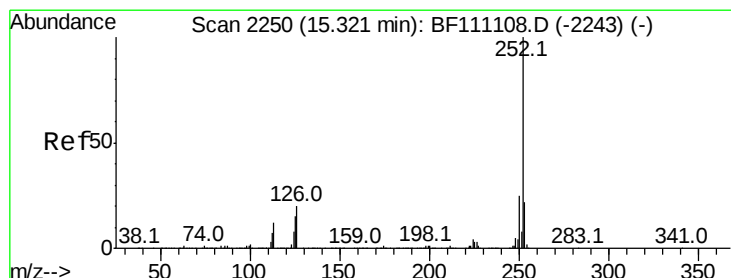
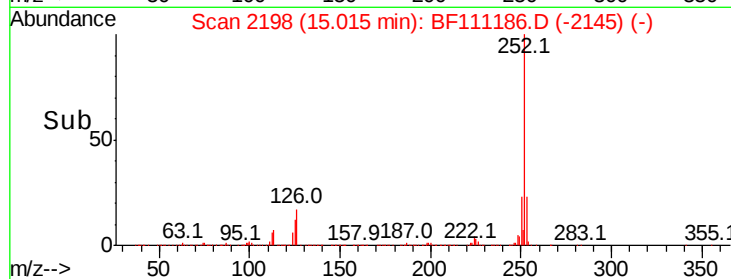
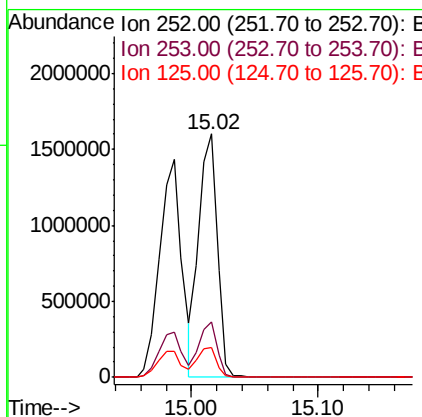
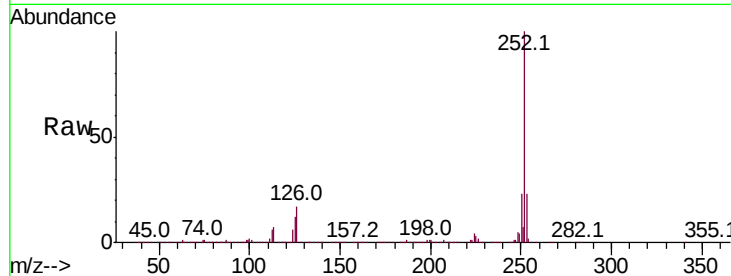
#89
Benzo(k)fluoranthene
Concen: 49.283 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.1	9.9	14.9

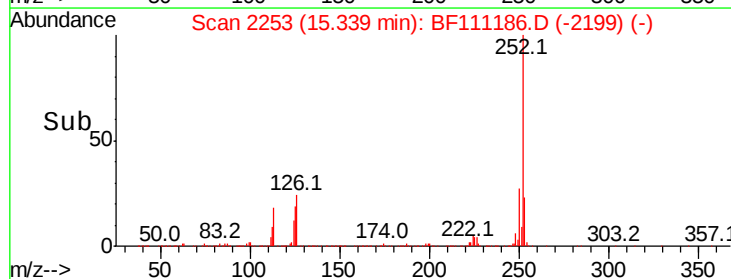
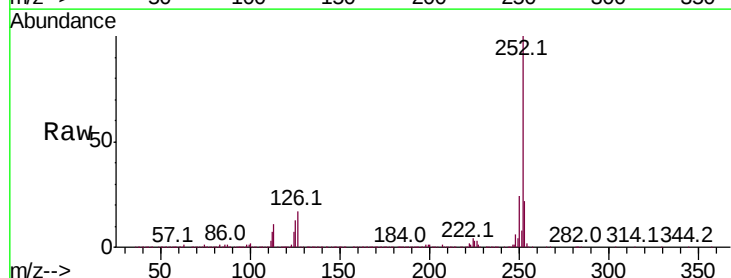
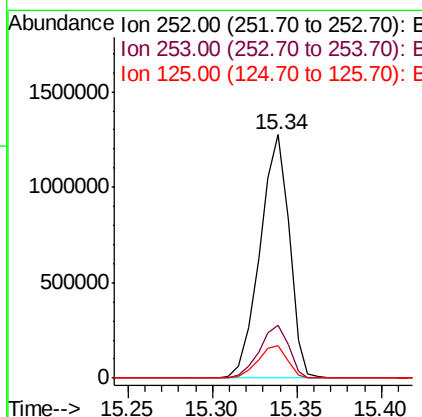
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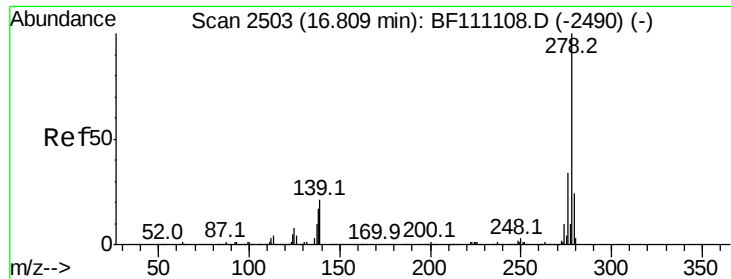
Sohil
12/11/2018 8:44:42 AM



#90
Benzo(a)pyrene
Concen: 49.412 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.2	12.4	18.6





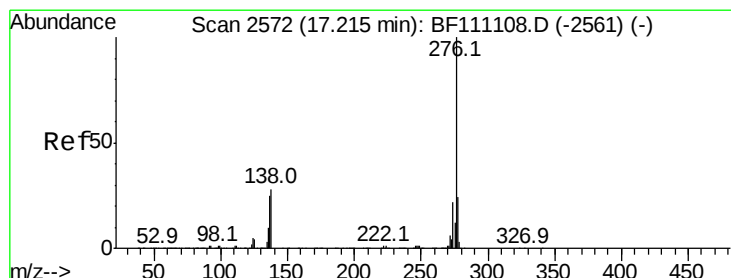
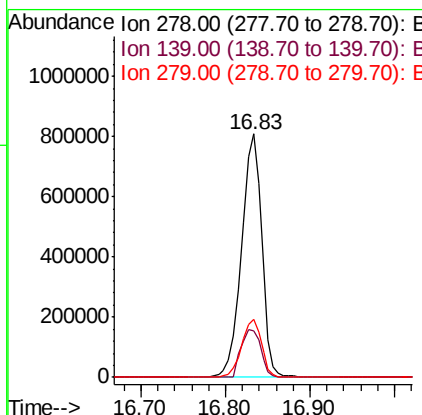
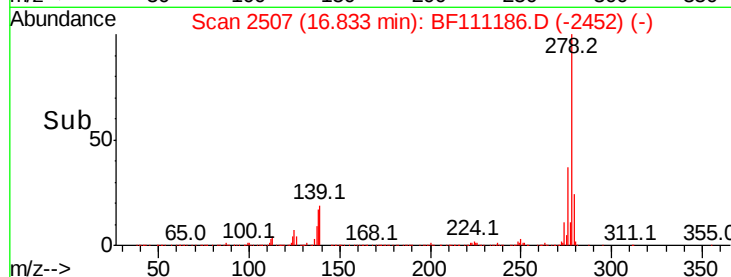
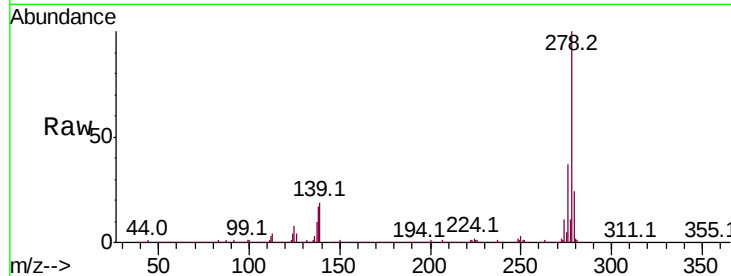
#91
Dibenzo(a,h)anthracene
Concen: 50.996 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Tot Ion:278 Resp: 1332618
Ion Ratio Lower Upper
278 100
139 19.1 16.6 25.0
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:42 AM



#92
Benzo(g,h,i)perylene
Concen: 52.749 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:276 Resp: 1385171
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 27.7 22.3 33.5

