

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111818.D
 Acq On : 3 Jan 2019 13:57
 Operator : JU/SJ
 Sample : PB116115BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:33 AM

Quant Time: Jan 04 00:18:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	266977	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1005660	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	521682	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	983982	20.00	ng	0.01
76) Chrysene-d12	14.07	240	789126	20.00	ng	0.02
87) Perylene-d12	15.55	264	611024	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1849752	118.10	ng	0.04
7) Phenol-d6	6.55	99	2350991	117.94	ng	0.03
23) Nitrobenzene-d5	7.46	82	1289776	74.65	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	787344	127.73	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	2437785	68.11	ng	0.00
79) Terphenyl-d14	13.01	244	2781670	66.85	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	258779	35.116	ng	96
3) Pyridine	3.56	79	716510	37.321	ng	97
4) n-Nitrosodimethylamine	3.52	42	384339	40.905	ng	90
6) Aniline	6.56	93	745006	29.321	ng	# 1
8) 2-Chlorophenol	6.70	128	715852	41.259	ng	98
9) Benzaldehyde	6.45	77	189485	13.822	ng	97
10) Phenol	6.56	94	849542	37.773	ng	75
11) bis(2-Chloroethyl)ether	6.64	93	682384	40.489	ng	100
12) 1,3-Dichlorobenzene	6.85	146	800981	39.835	ng	98
13) 1,4-Dichlorobenzene	6.92	146	808422	39.644	ng	98
14) 1,2-Dichlorobenzene	7.07	146	760654	39.981	ng	97
15) Benzyl Alcohol	7.05	79	638267	40.318	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1153328	37.156	ng	85
17) 2-Methylphenol	7.16	107	585054	42.112	ng	# 93
18) Hexachloroethane	7.42	117	285035	41.479	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	501385	37.875	ng	99
20) 3+4-Methylphenols	7.32	107	719969	41.013	ng	# 84
22) Acetophenone	7.31	105	952644	37.392	ng	# 94
24) Nitrobenzene	7.48	77	771023	42.579	ng	98
25) Isophorone	7.72	82	1371465	44.714	ng	99
26) 2-Nitrophenol	7.80	139	385015	52.426	ng	94
27) 2,4-Dimethylphenol	7.85	122	652598	45.078	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	875887	42.914	ng	98
29) 2,4-Dichlorophenol	8.05	162	653378	41.960	ng	94
30) 1,2,4-Trichlorobenzene	8.13	180	691610	39.858	ng	97
31) Naphthalene	8.21	128	2071787	42.876	ng	98
32) Benzoic acid	7.97	122	393435	41.103	ng	94
33) 4-Chloroaniline	8.25	127	523004	25.042	ng	99
34) Hexachlorobutadiene	8.33	225	417715	39.498	ng	98
35) Caprolactam	8.62	113	202238m	38.329	ng	
36) 4-Chloro-3-methylphenol	8.75	107	640629	41.853	ng	97
37) 2-Methylnaphthalene	8.90	142	1424140	45.301	ng	99
38) 1-Methylnaphthalene	9.00	142	1344788	44.540	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	672464	39.228	ng	98

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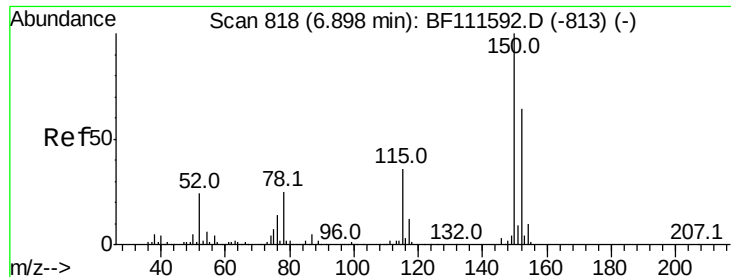
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	917957	110.350	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	468982	40.976	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	490329	41.760	nq	91
46) 1,1'-Biphenyl	9.36	154	1724815	39.167	nq	96
47) 2-Chloronaphthalene	9.39	162	1368379	39.219	nq	95
48) 2-Nitroaniline	9.48	65	424120	46.726	nq	96
49) Acenaphthylene	9.80	152	2148298	42.171	nq	98
50) Dimethylphthalate	9.66	163	1590270	41.686	nq	98
51) 2,6-Dinitrotoluene	9.72	165	364367	47.900	nq	98
52) Acenaphthene	9.98	154	1429414	45.495	nq	99
53) 3-Nitroaniline	9.89	138	272061	33.535	nq	92
54) 2,4-Dinitrophenol	10.00	184	358286	140.666	nq	90
55) Dibenzofuran	10.15	168	1914274	40.327	nq	94
56) 4-Nitrophenol	10.07	139	575790	93.001	nq	96
57) 2,4-Dinitrotoluene	10.13	165	488672	53.451	nq	97
58) Fluorene	10.49	166	1488900	43.529	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	448188	45.357	nq	# 86
60) Diethylphthalate	10.36	149	1525264	40.759	nq	97
61) 4-Chlorophenyl-phenylether	10.48	204	750355	39.706	nq	91
62) 4-Nitroaniline	10.51	138	374308	47.471	nq	93
63) Azobenzene	10.64	77	1481187	39.426	nq	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	229893	55.341	nq	# 78
66) n-Nitrosodiphenylamine	10.60	169	1332201	40.333	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	498763	40.867	nq	94
68) Hexachlorobenzene	11.05	284	558936	41.075	nq	93
69) Atrazine	11.13	200	455308	39.679	nq	95
70) Pentachlorophenol	11.24	266	562201	66.829	nq	97
71) Phenanthrene	11.46	178	2174433	41.668	nq	97
72) Anthracene	11.51	178	2235745	42.684	nq	97
73) Carbazole	11.66	167	1981126	38.958	nq	96
74) Di-n-butylphthalate	11.98	149	2329075	40.849	nq	98
75) Fluoranthene	12.64	202	2237764	42.347	nq	97
77) Benzidine	12.76	184	868000	29.231	nq	98
78) Pyrene	12.87	202	2245250	40.291	nq	98
80) Butylbenzylphthalate	13.48	149	967927	42.611	nq	92
81) Benzo(a)anthracene	14.06	228	1951371	43.330	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	561427	31.552	nq	# 97
83) Chrysene	14.10	228	1843063	41.639	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1306734	45.670	nq	# 99
85) Di-n-octyl phthalate	14.65	149	1996949	45.046	nq	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	1521928	40.447	nq	# 89
88) Benzo(b)fluoranthene	15.12	252	1688347	47.278	nq	# 95
89) Benzo(k)fluoranthene	15.15	252	1517280	44.629	nq	# 97
90) Benzo(a)pyrene	15.49	252	1519241	46.827	nq	# 94
91) Dibenzo(a,h)anthracene	17.07	278	1257971	44.279	nq	# 91
92) Benzo(g,h,i)perylene	17.52	276	1257612	45.333	nq	# 87

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



#1

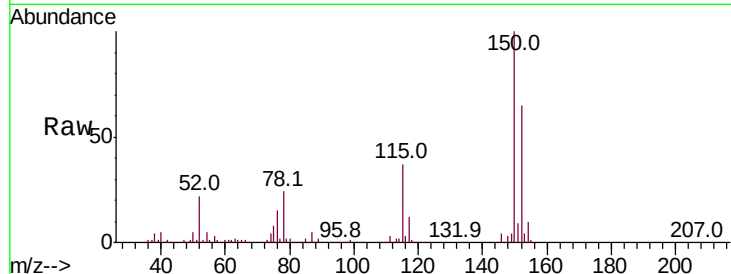
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	57.5	50.7	76.1

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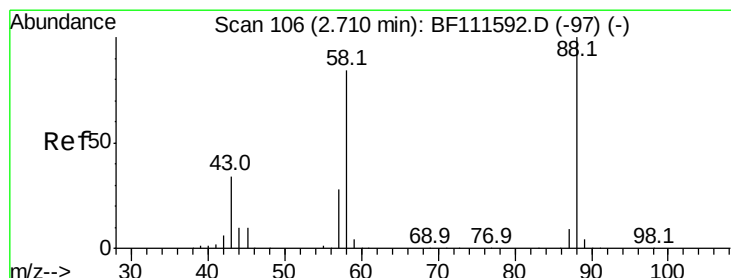
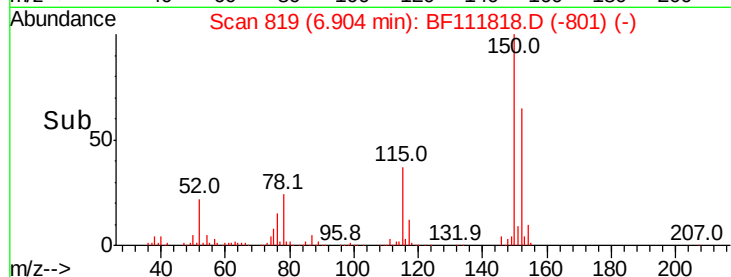
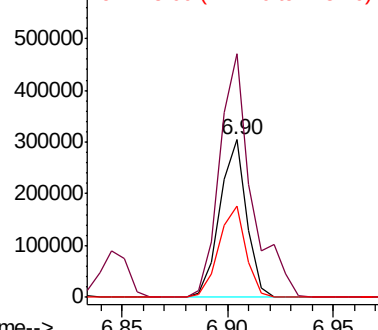


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

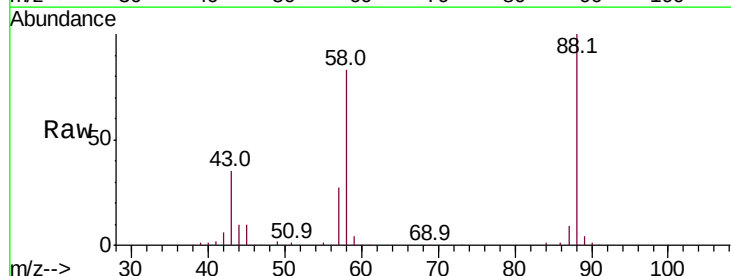
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.116 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	68.9	103.3
43	35.6	25.8	38.6

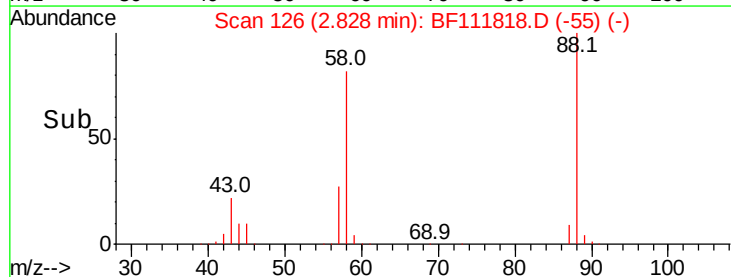
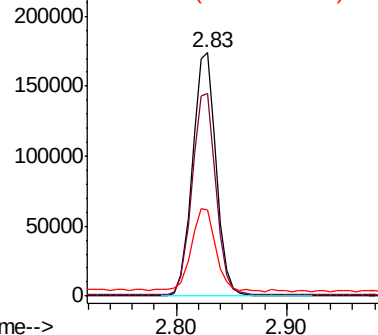


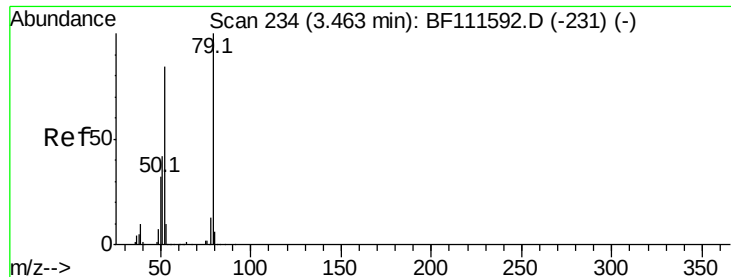
Abundance

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





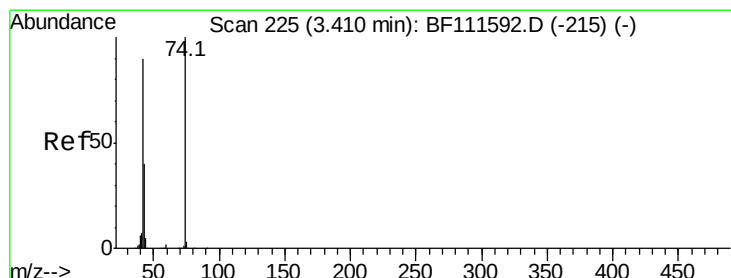
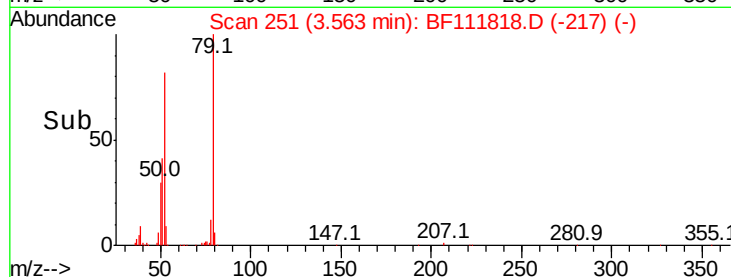
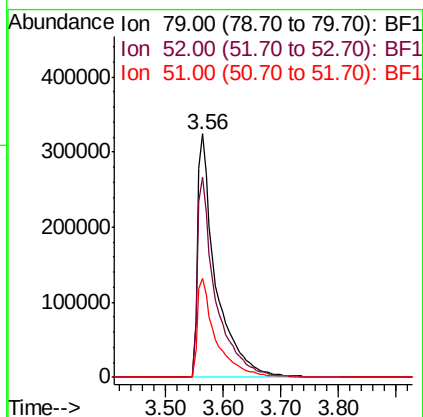
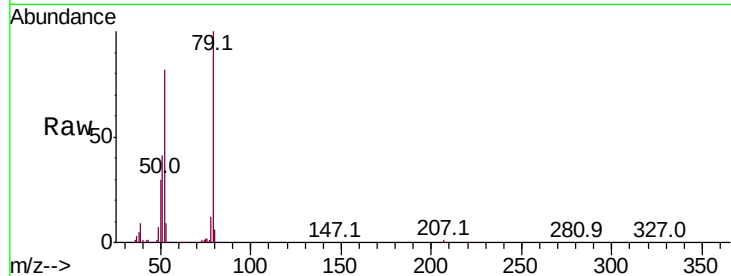
#3
 Pvridine
 Concen: 37.321 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.10 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.0	68.3	102.5
51	40.9	32.6	49.0

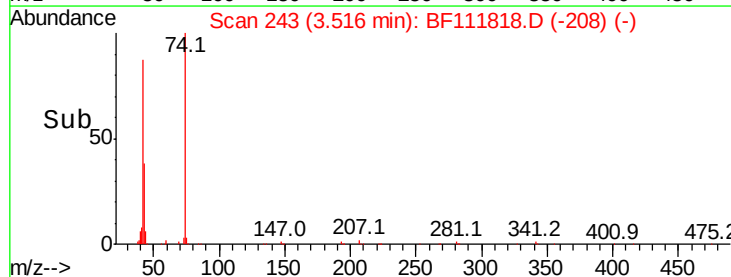
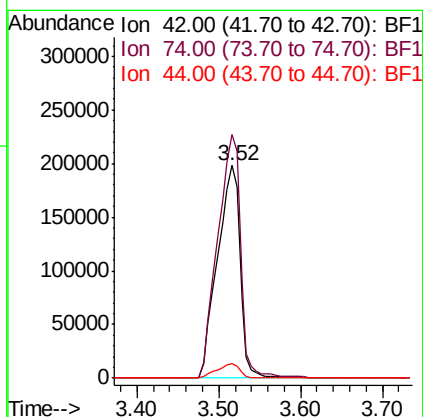
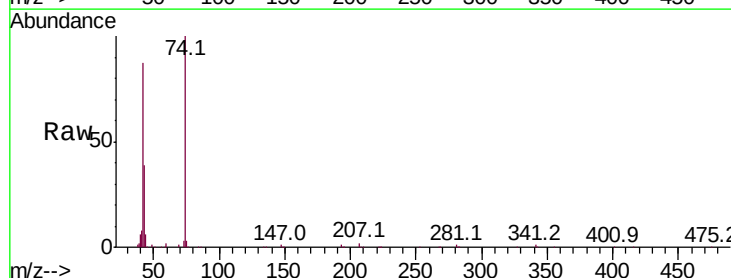
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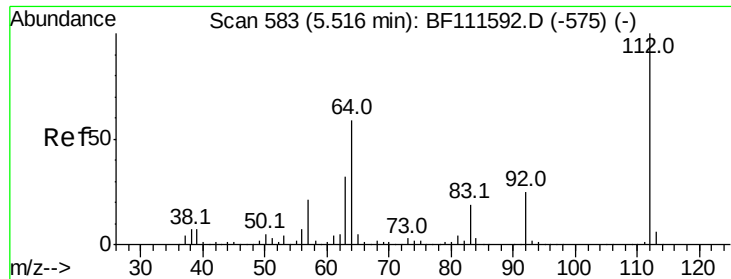
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#4
 n-Nitrosodimethylamine
 Concen: 40.905 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.11 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.5	101.5	152.3
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 118.099 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

PB116115BS

Tot Ion:112 Resp: 1849752

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

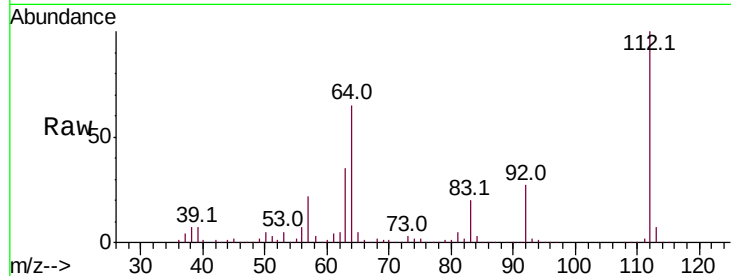
63 34.6 26.8 40.2

Manual Integrations

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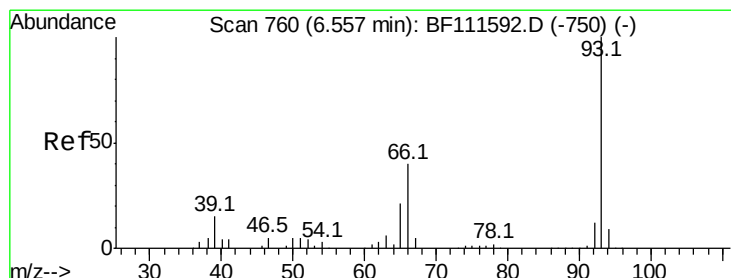
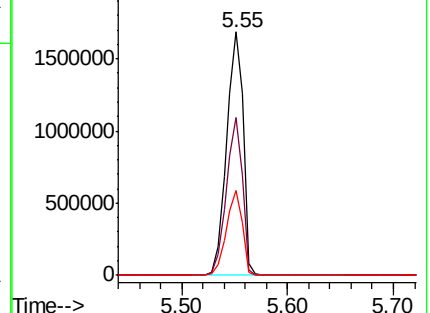
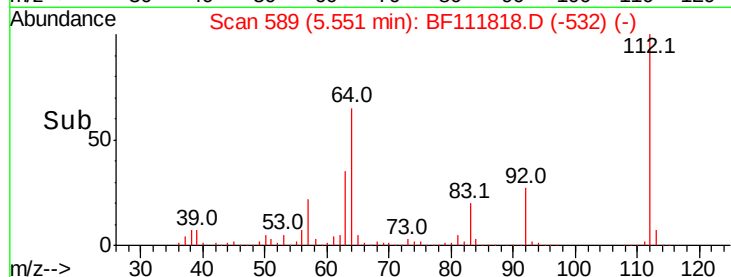
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.321 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

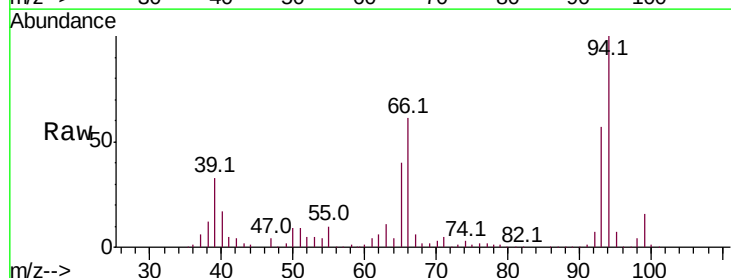
Tgt Ion: 93 Resp: 745006

Ion Ratio Lower Upper

93 100

66 106.4 33.2 49.8#

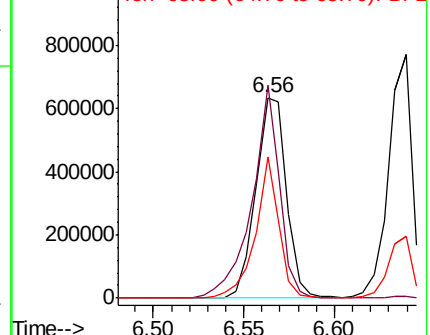
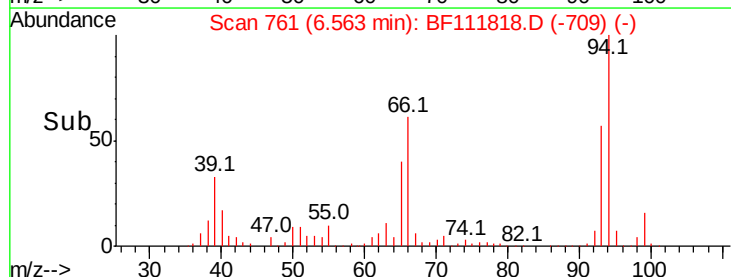
65 70.7 17.0 25.4#

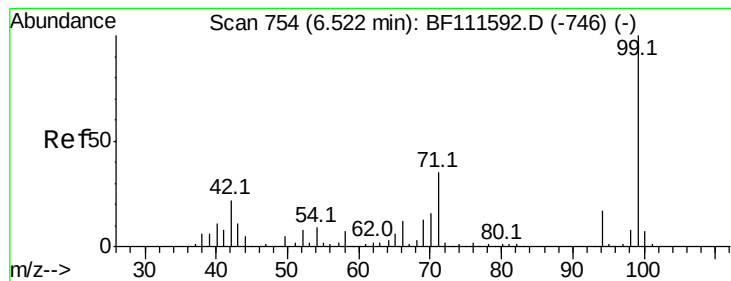


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.943 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion: 99 Resp: 2350991

Ion Ratio Lower Upper

99 100

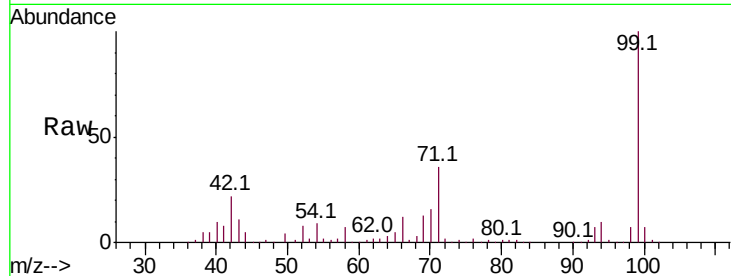
42 22.2 17.4 26.0

71 35.7 26.1 39.1

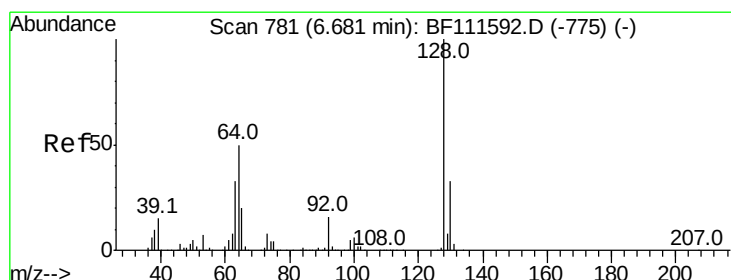
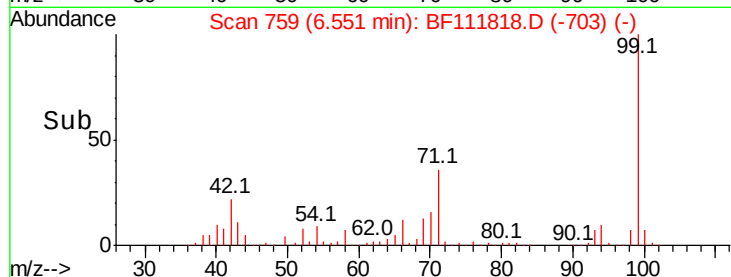
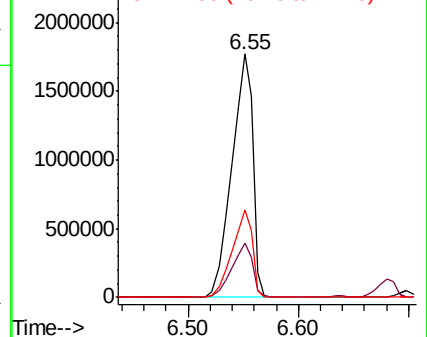
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.259 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

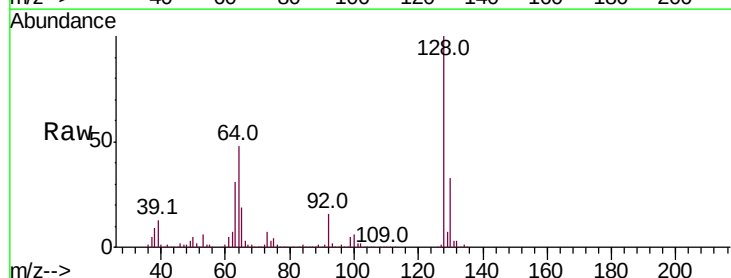
Tgt Ion: 128 Resp: 715852

Ion Ratio Lower Upper

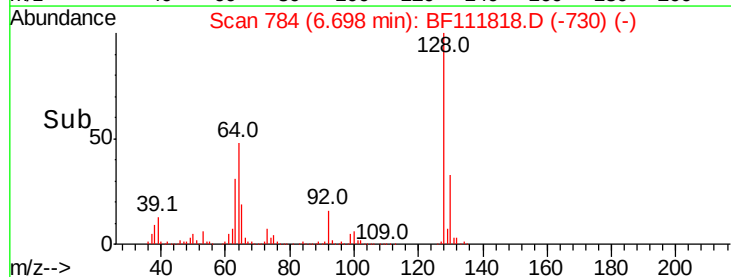
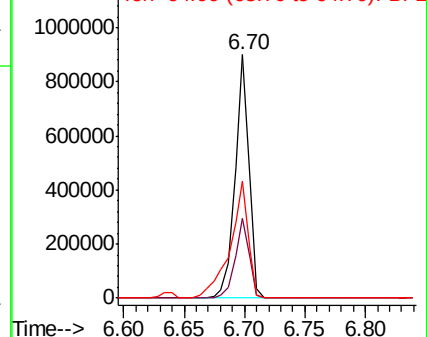
128 100

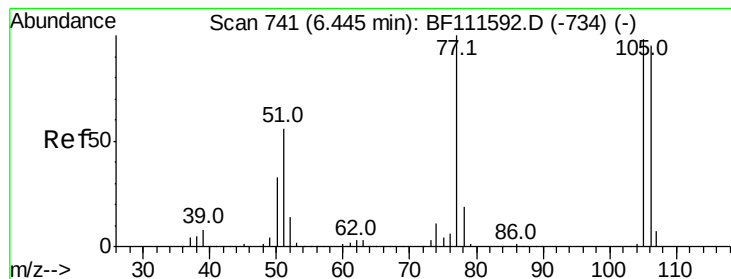
130 32.9 12.7 52.7

64 48.2 30.0 70.0



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: 13.822 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

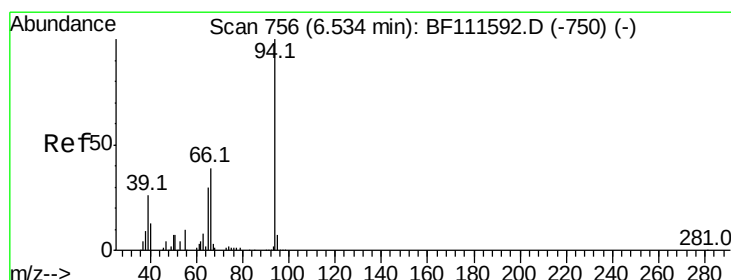
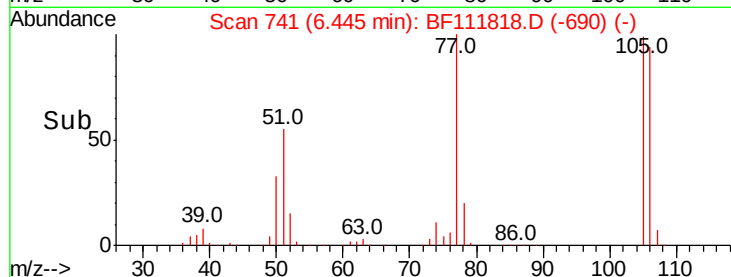
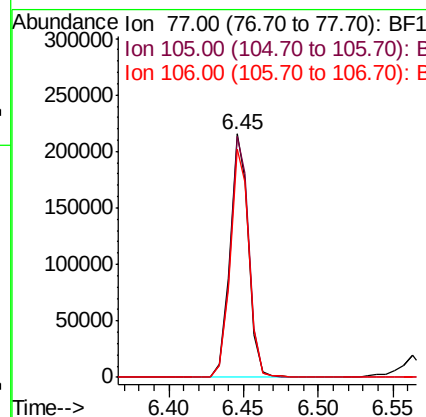
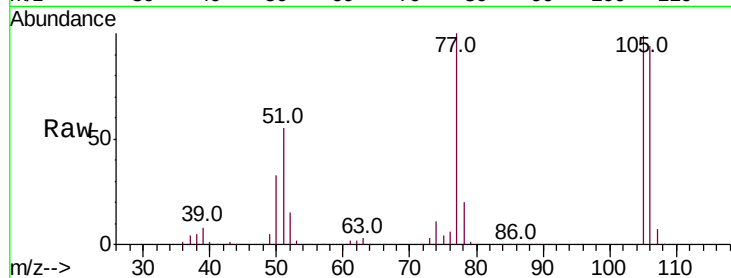
ClientSampleId :

PB116115BS

Tot Ion:	77	Resp:	189485
Ion Ratio	Lower	Upper	
77	100		
105	99.1	81.4	121.4
106	93.9	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 37.773 ng

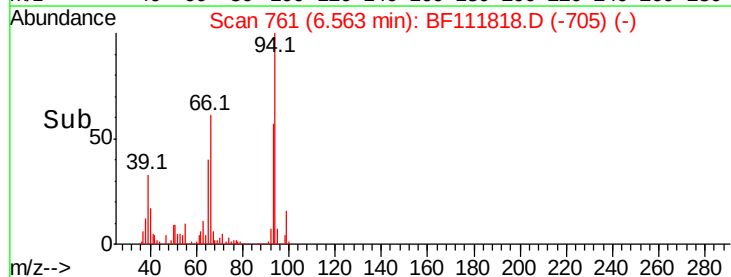
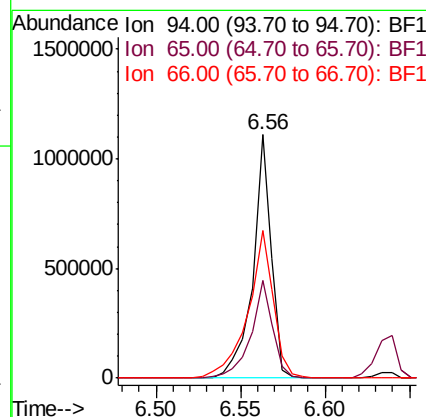
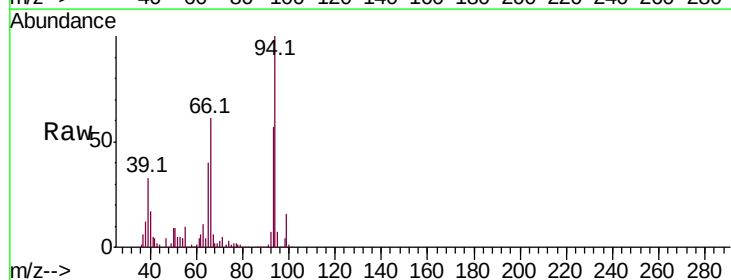
RT: 6.56 min Scan# 761

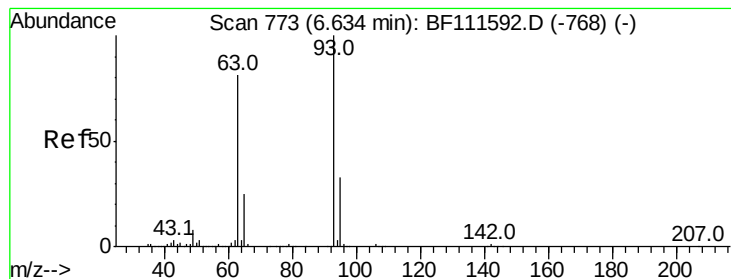
Delta R.T. 0.03 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:	94	Resp:	849542
Ion Ratio	Lower	Upper	
94	100		
65	40.3	11.7	51.7
66	60.8	21.0	61.0





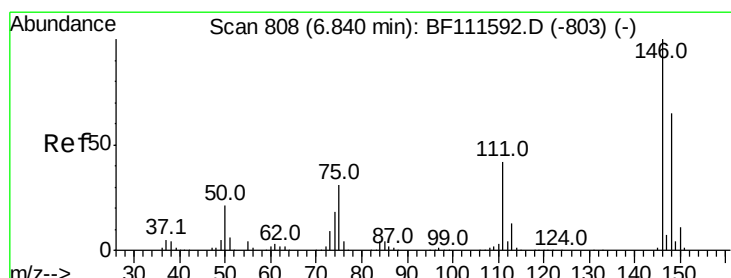
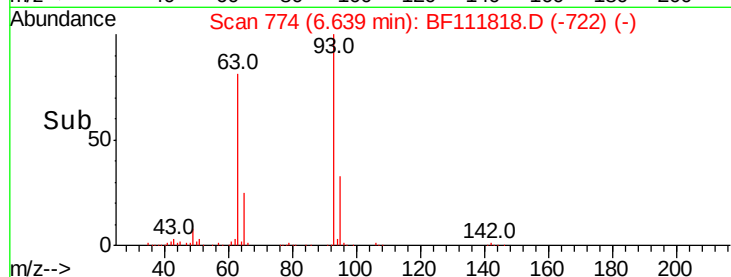
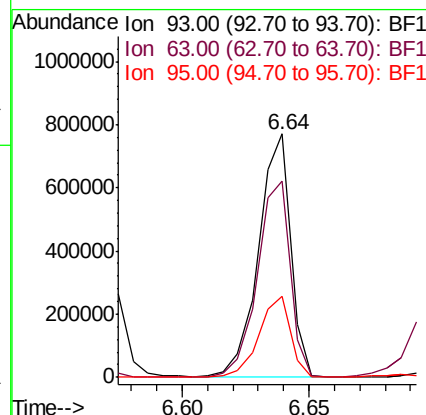
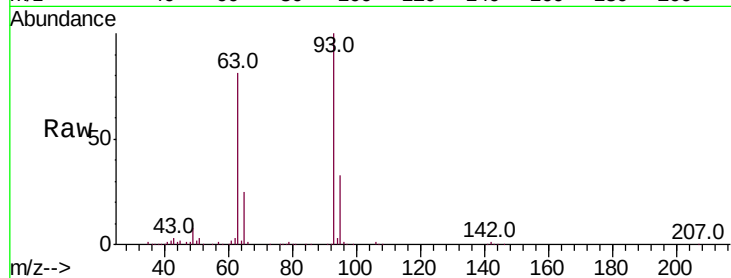
#11
bis(2-Chloroethyl)ether
Concen: 40.489 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB116115BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.0	100.0
95	33.3	13.4	53.4

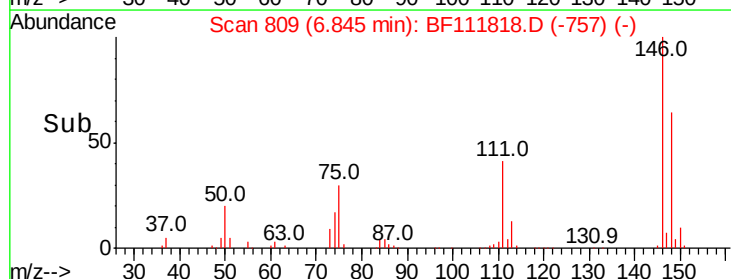
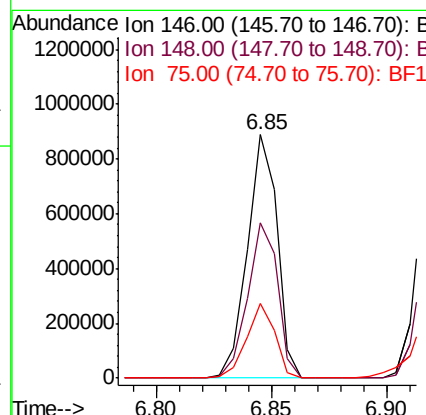
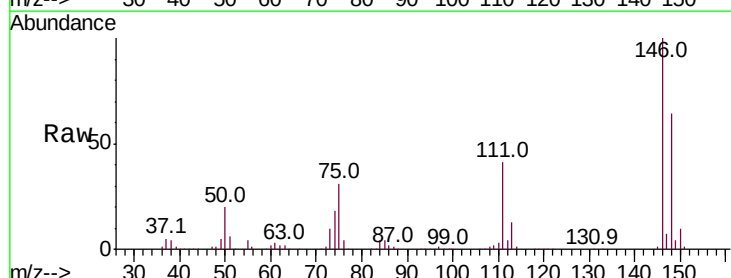
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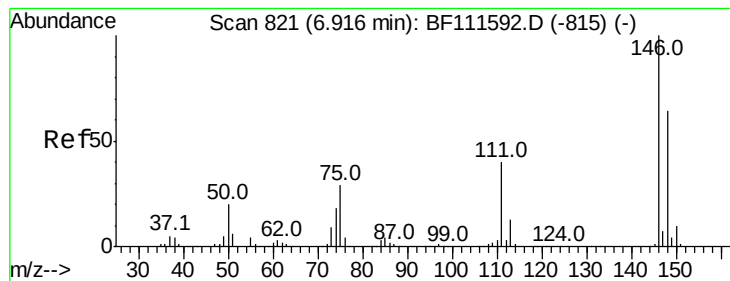
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.835 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	30.6	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.644 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:146 Resp: 808422

Ion Ratio Lower Upper

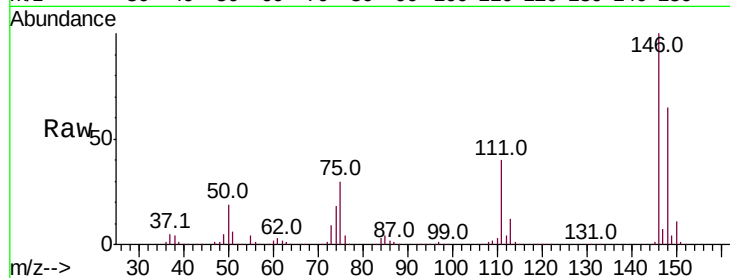
146 100

148 65.0 52.8 79.2

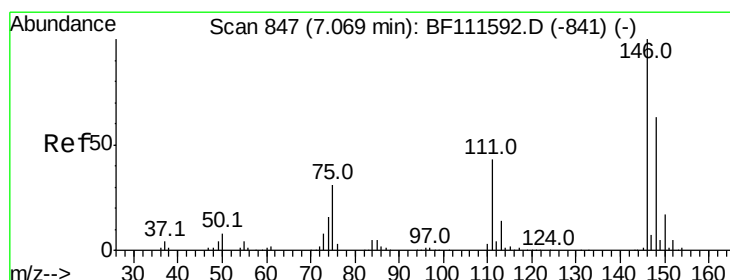
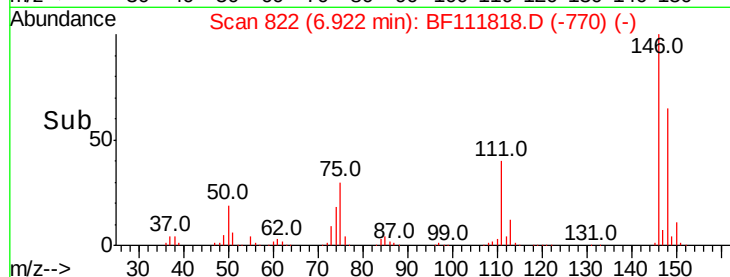
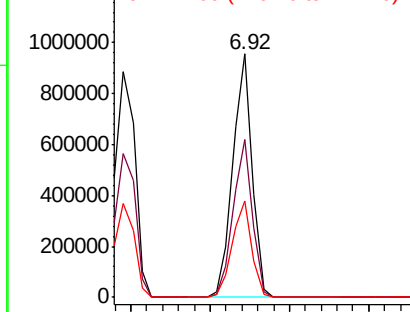
111 39.8 33.4 50.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.981 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

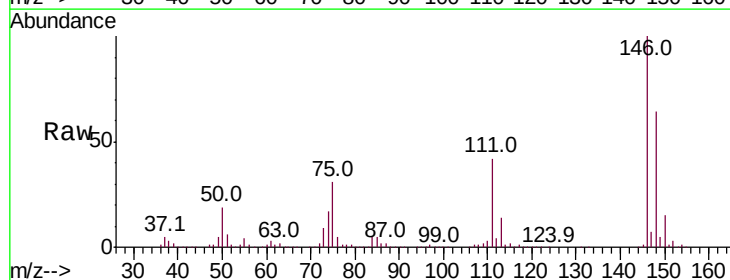
Tgt Ion:146 Resp: 760654

Ion Ratio Lower Upper

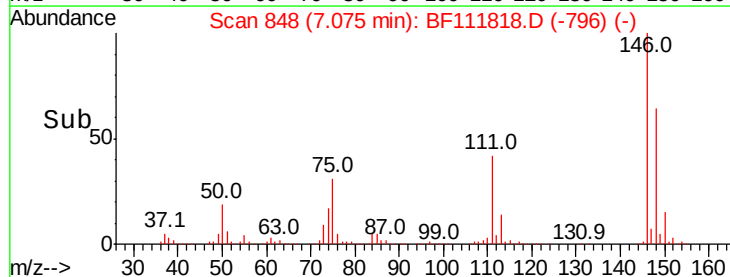
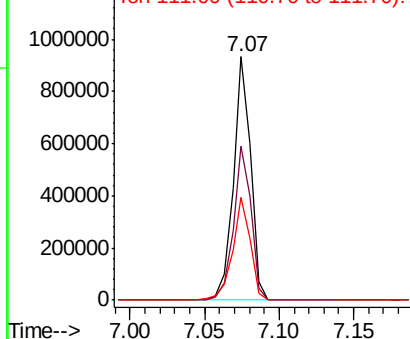
146 100

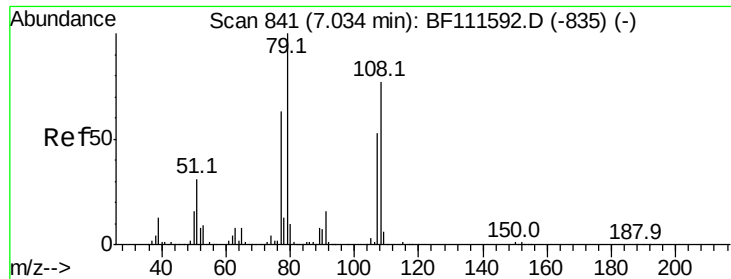
148 63.5 51.9 77.9

111 42.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.318 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

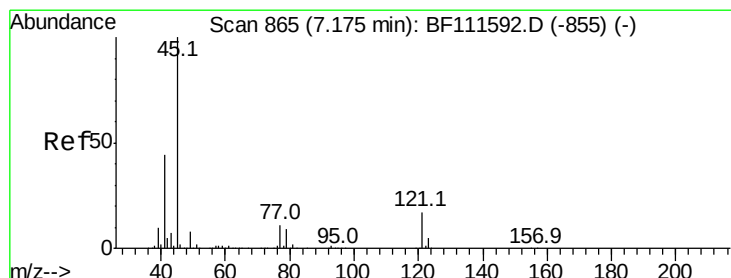
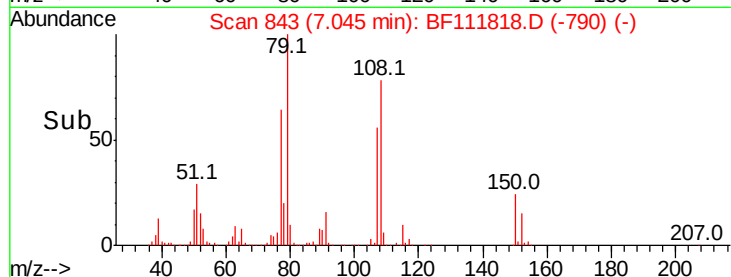
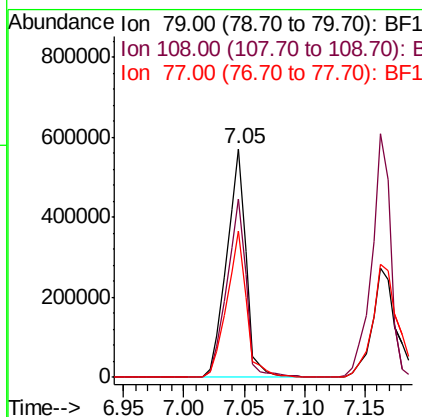
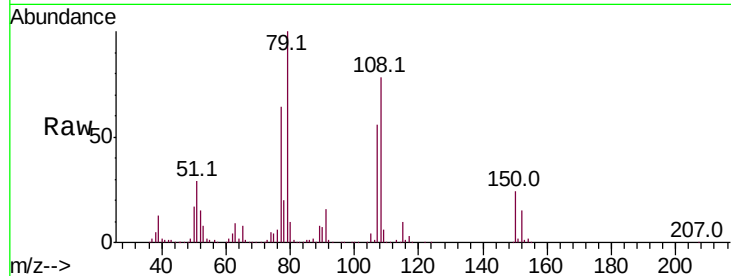
ClientSampleId :

PB116115BS

Tot Ion:	79	Resp:	638267
Ion Ratio	Lower	Upper	
79	100		
108	77.7	69.4	104.2
77	63.7	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.156 ng

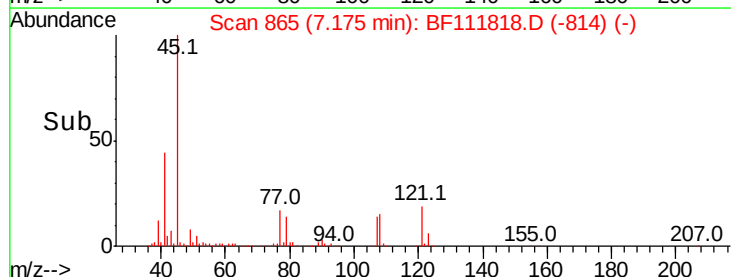
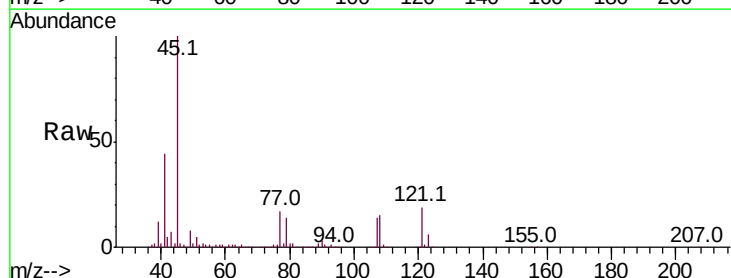
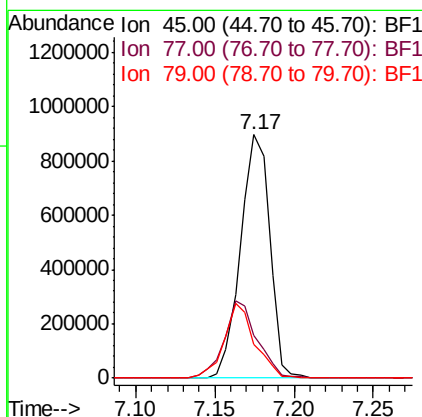
RT: 7.17 min Scan# 865

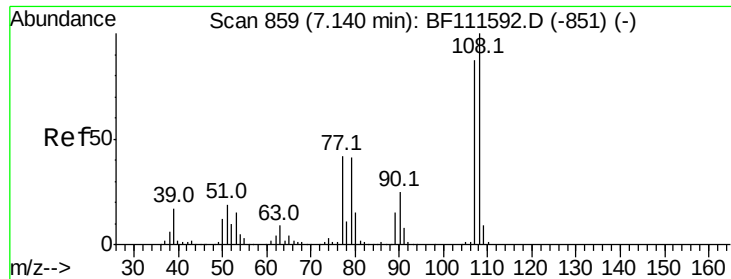
Delta R.T. -0.00 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:	45	Resp:	1153328
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	31.5
79	14.0	0.0	28.9





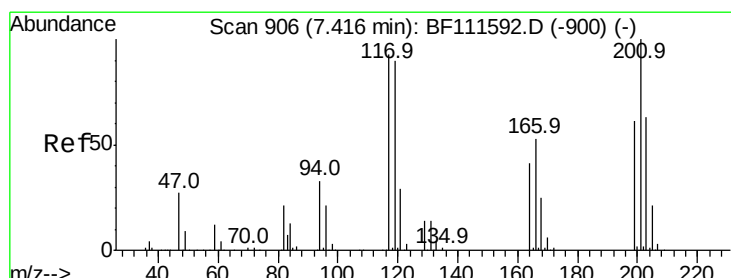
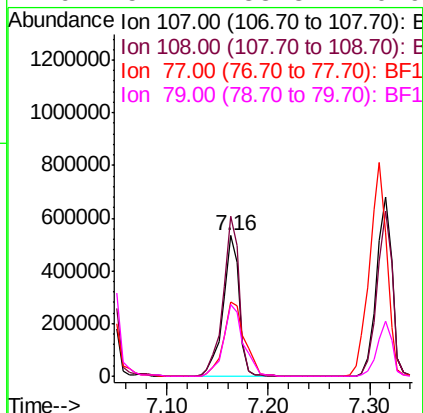
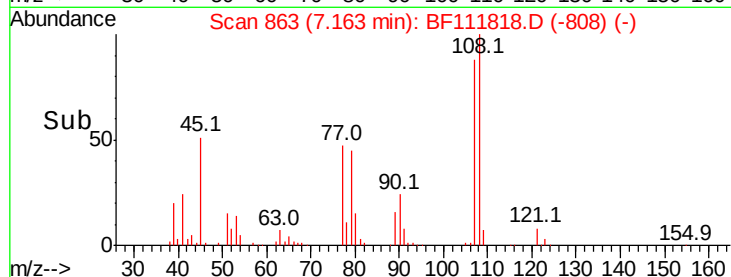
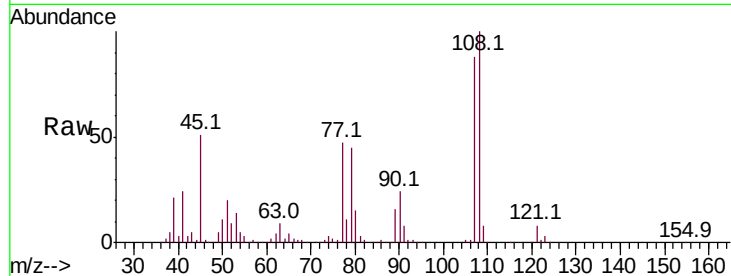
#17
2-Methylphenol
Concen: 42.112 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.0	136.4	
77	53.3	33.5	50.3#	
79	51.2	33.3	49.9#	

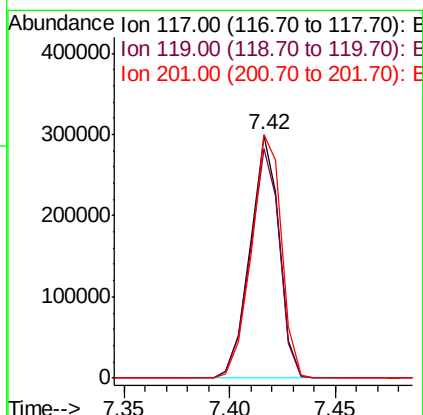
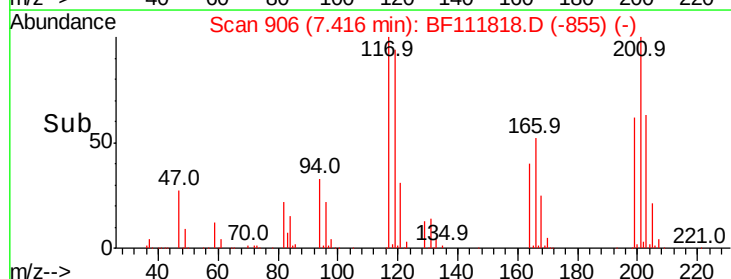
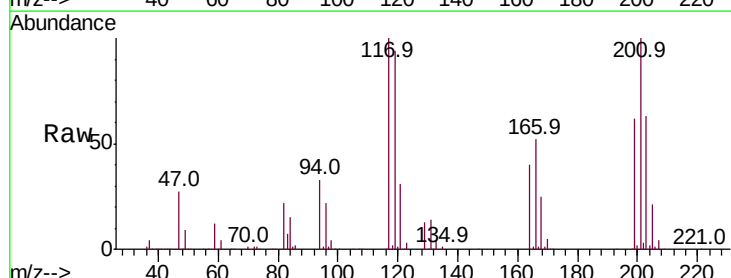
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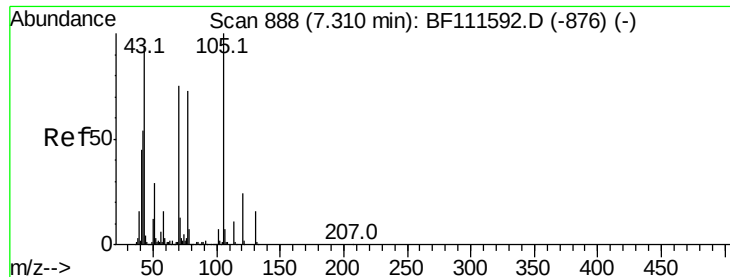
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#18
Hexachloroethane
Concen: 41.479 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.4	113.0	
201	100.4	62.4	93.6#	





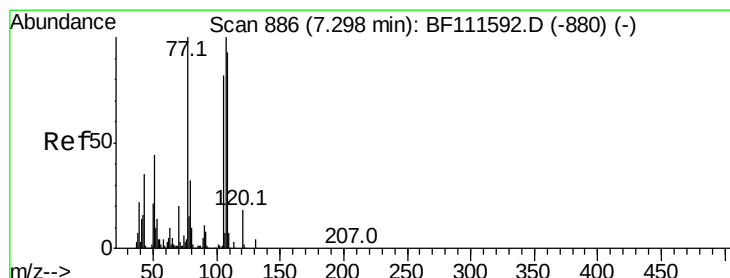
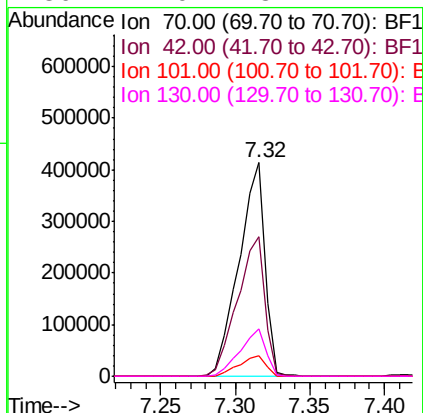
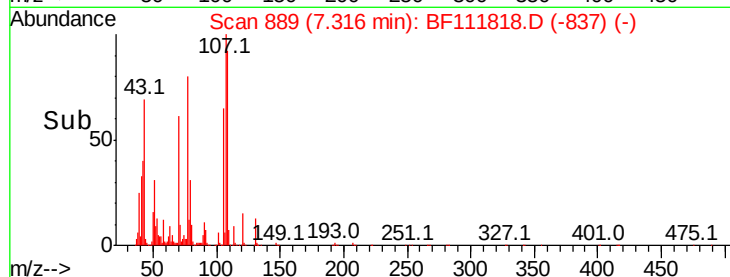
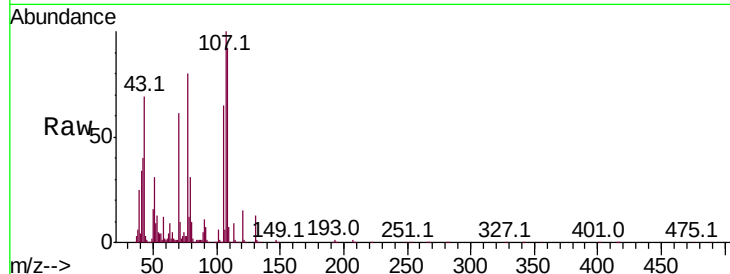
#19
n-Nitroso-di-n-propylamine
Concen: 37.875 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.3	53.2	79.8
101	9.6	8.2	12.4
130	22.0	18.1	27.1

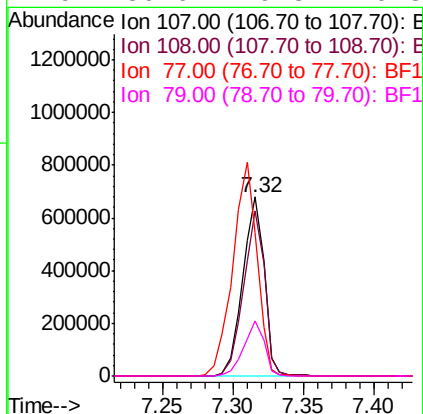
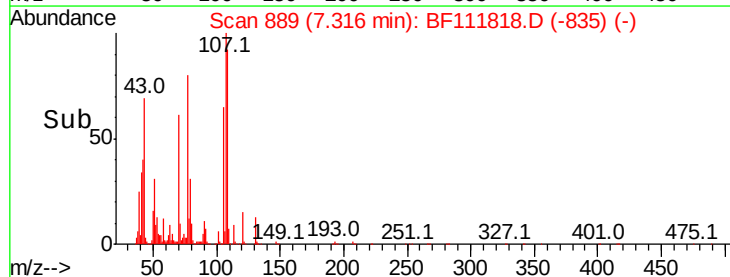
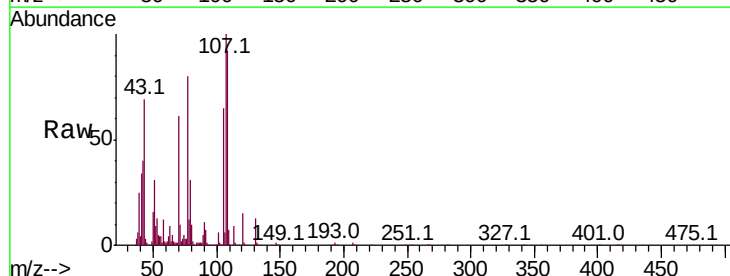
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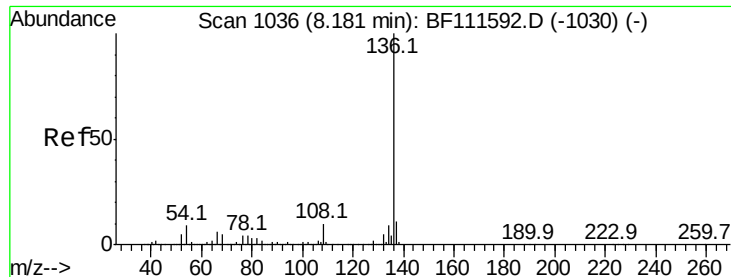
Sohil
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#20
3+4-Methylphenols
Concen: 41.013 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.1	112.1
77	79.9	94.1	134.1#
79	30.6	9.8	49.8





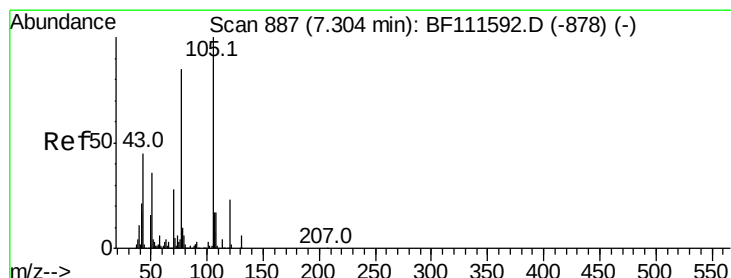
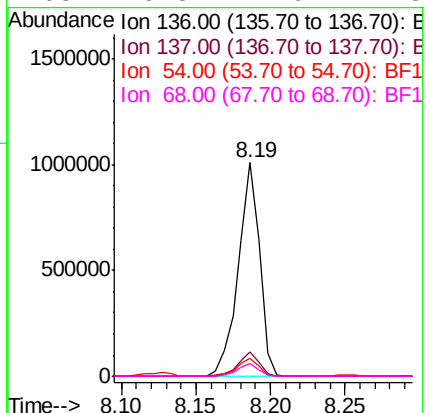
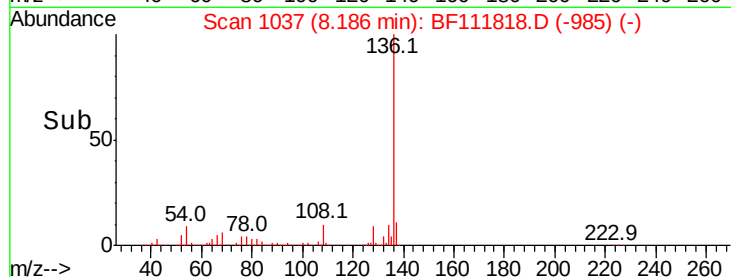
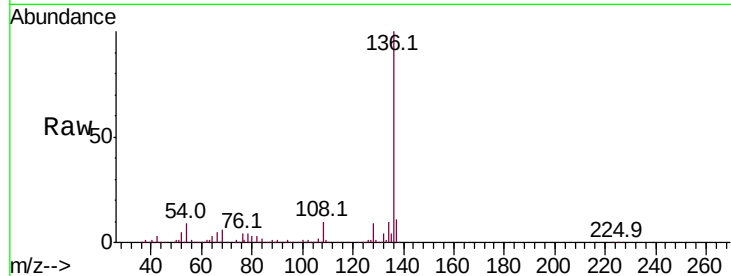
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.5	7.7	11.5
68	5.8	4.9	7.3

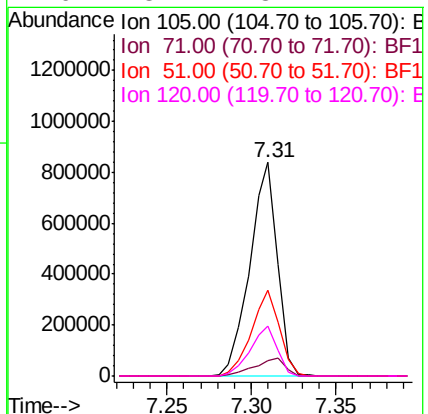
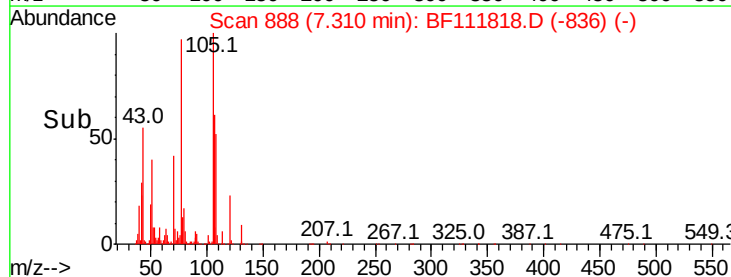
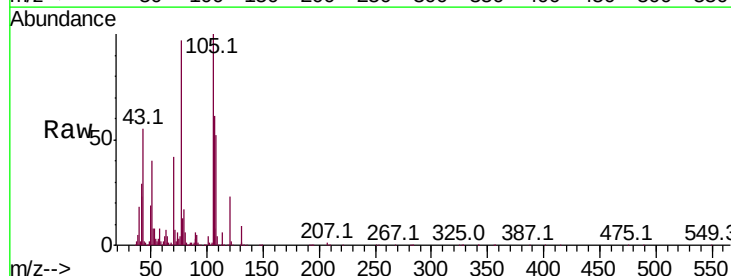
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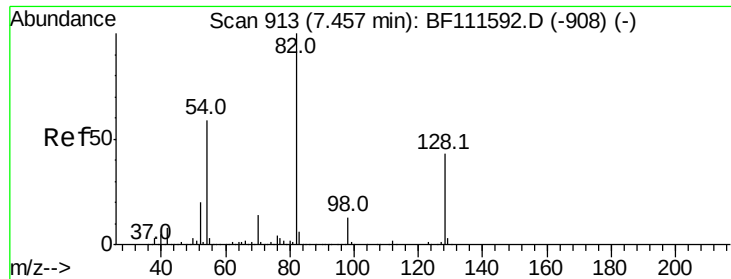
Sohil
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#22
Acetophenone
Concen: 37.392 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.1	4.7#
51	39.9	36.6	54.8
120	23.4	18.2	27.4





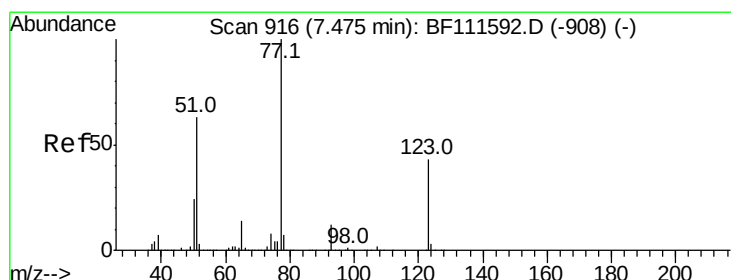
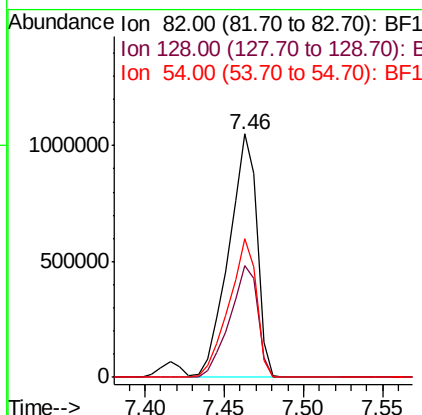
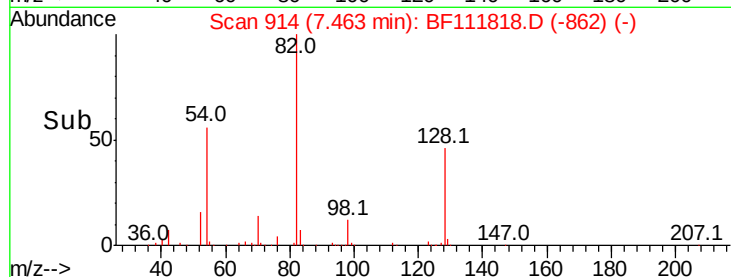
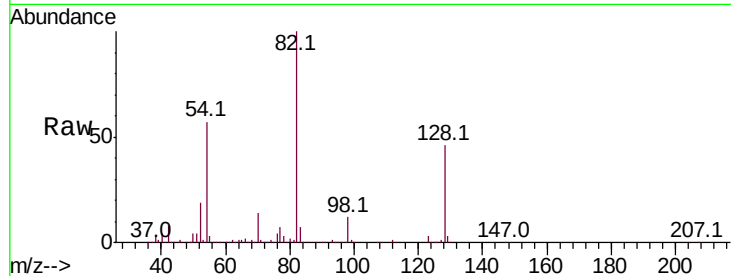
#23
Nitrobenzene-d5
Concen: 74.652 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB116115BS

Tot Ion: 82 Resp: 1289776
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.2
54 57.1 47.6 71.4

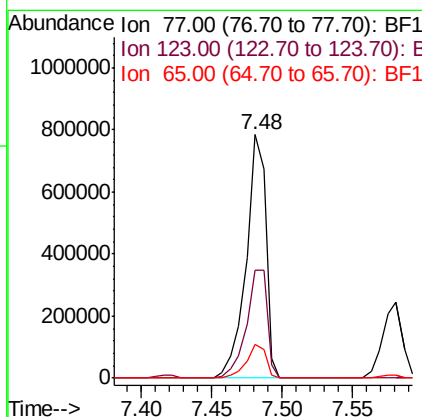
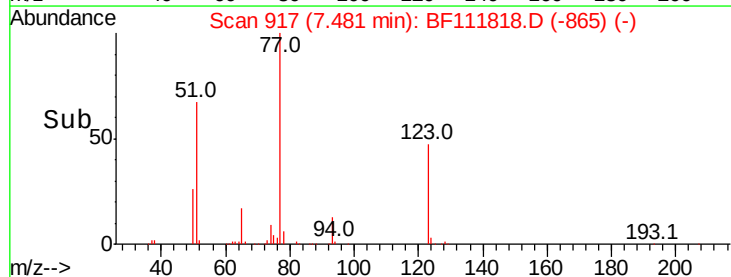
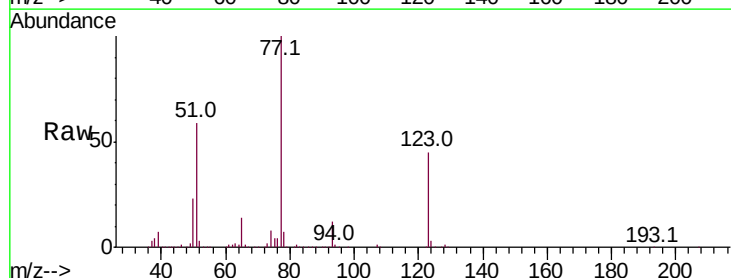
Manual Integrations
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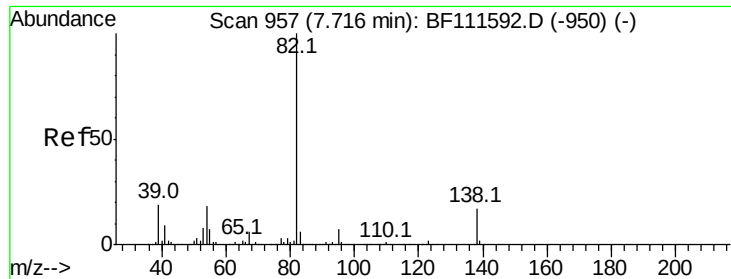
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#24
Nitrobenzene
Concen: 42.579 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion: 77 Resp: 771023
Ion Ratio Lower Upper
77 100
123 44.6 37.2 55.8
65 14.0 11.5 17.3





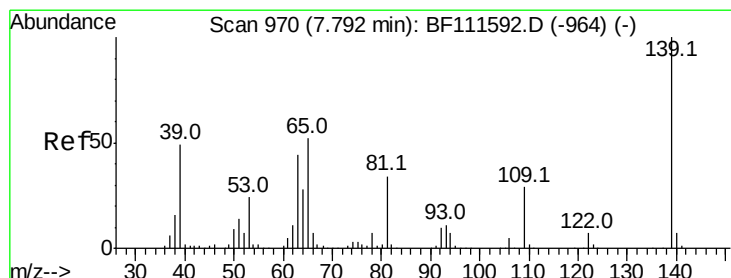
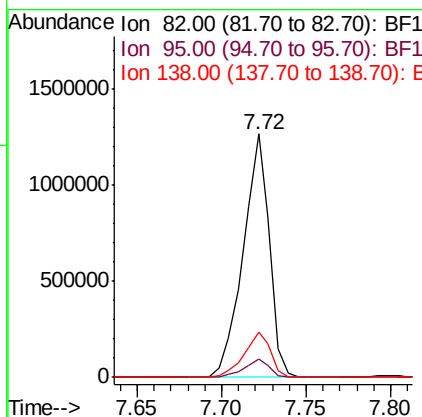
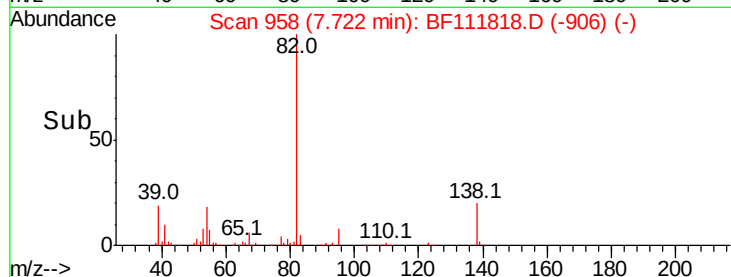
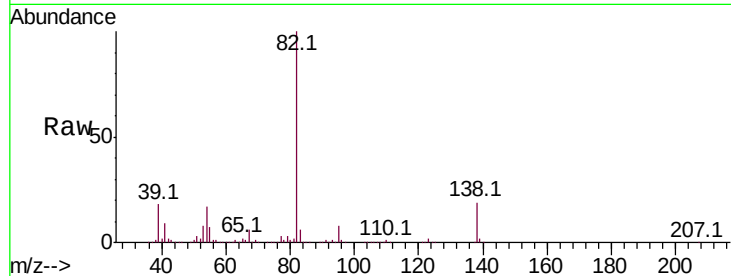
#25
Isophorone
Concen: 44.714 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion: 82 Resp: 1371465
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 18.6 15.1 22.7

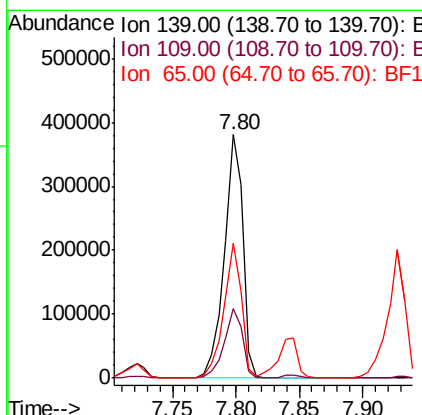
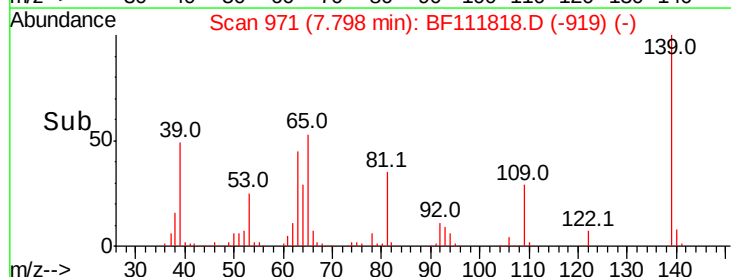
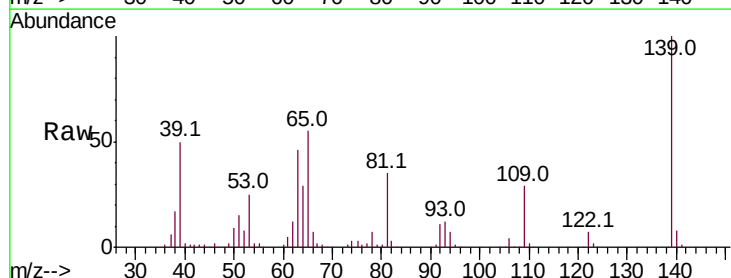
Manual Integrations
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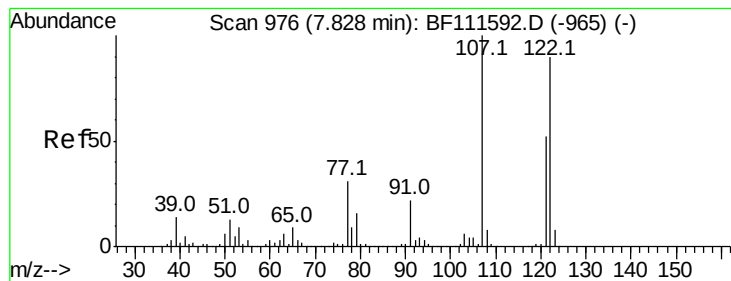
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#26
2-Nitrophenol
Concen: 52.426 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion: 139 Resp: 385015
Ion Ratio Lower Upper
139 100
109 28.7 20.2 30.4
65 55.2 40.7 61.1





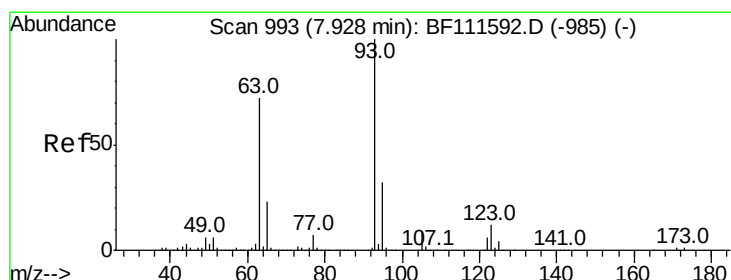
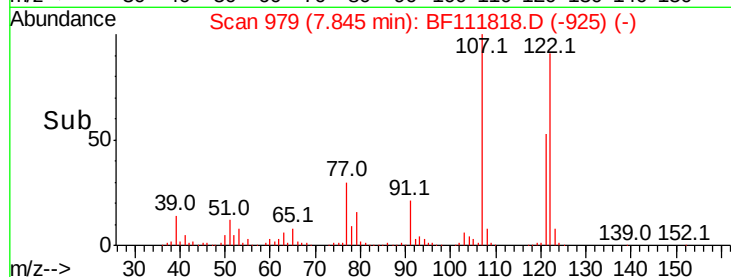
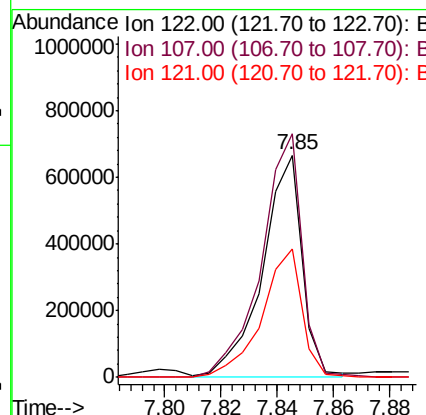
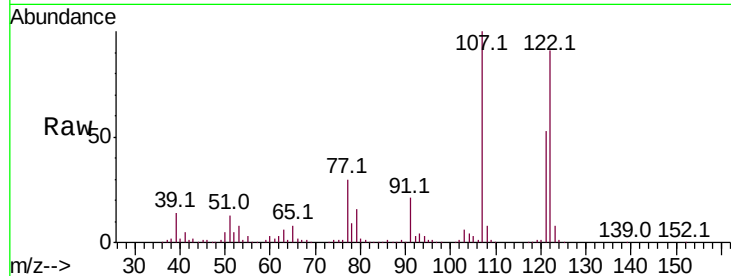
#27
2,4-Dimethylphenol
Concen: 45.078 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	85.5	128.3
121	57.9	46.6	70.0

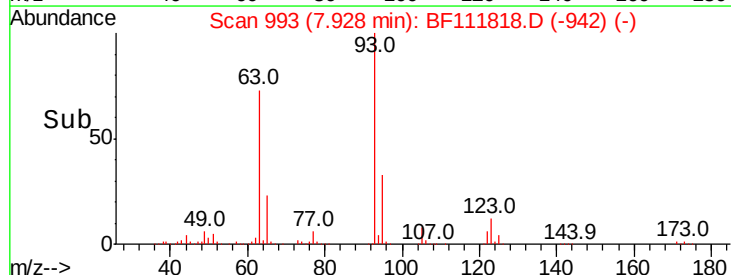
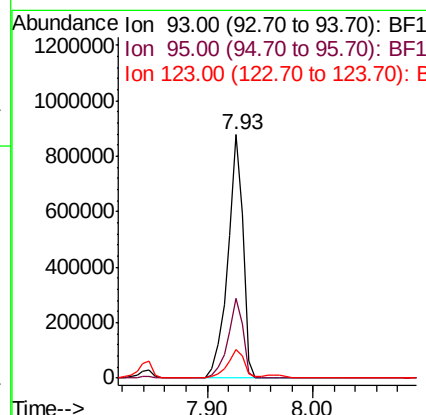
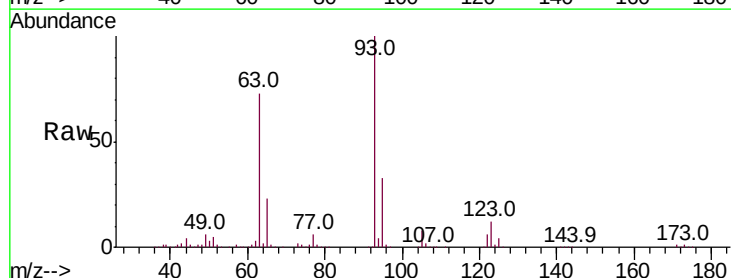
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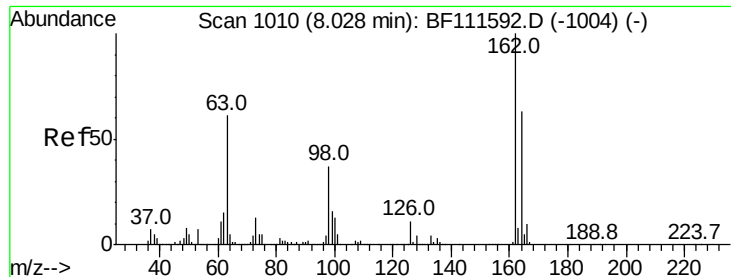
Sohil
1/4/2019 9:56:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.914 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.1	40.7
123	11.9	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 41.960 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

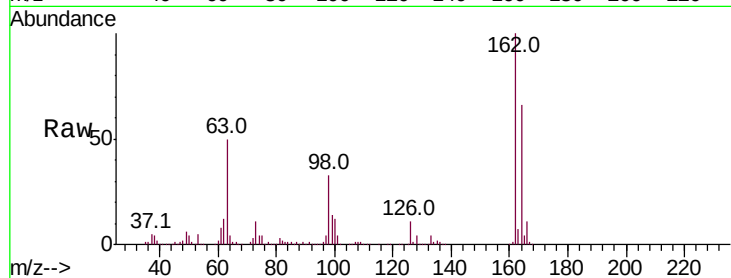
ClientSampleId :

PB116115BS

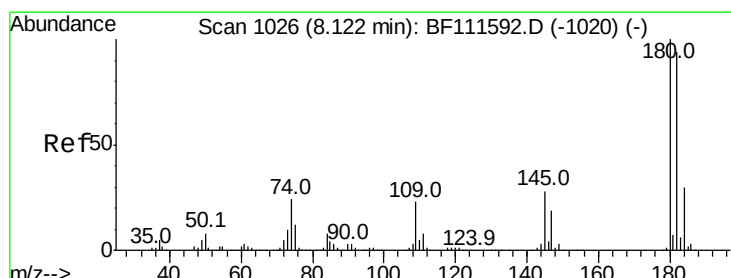
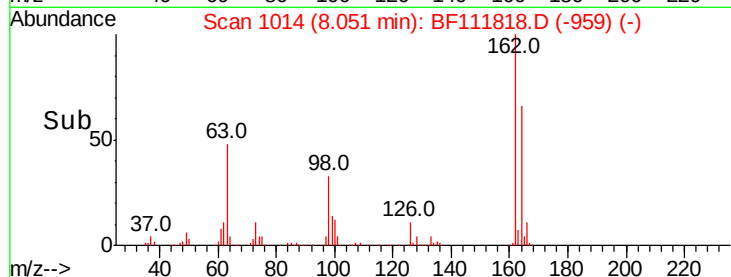
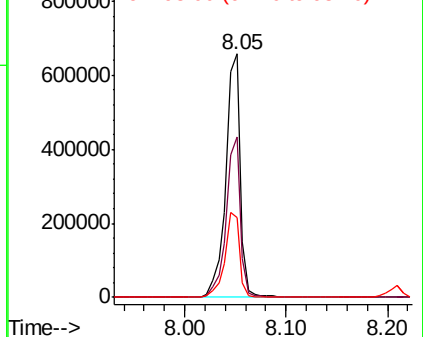
Tot Ion:	162	Resp:	653378
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.4	84.4
98	32.5	20.3	60.3

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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: 39.858 ng

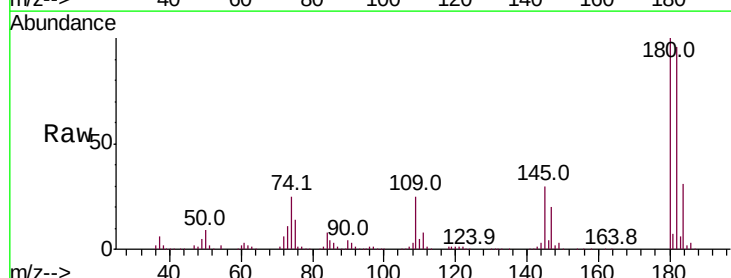
RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

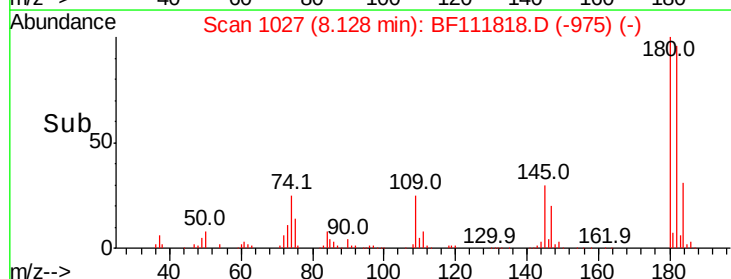
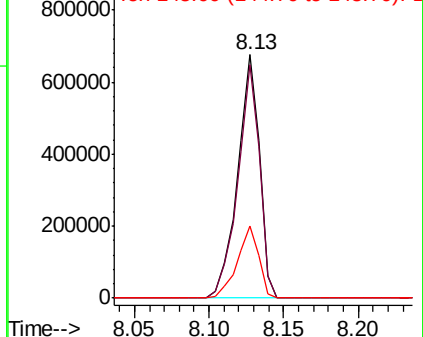
Lab File: BF111818.D

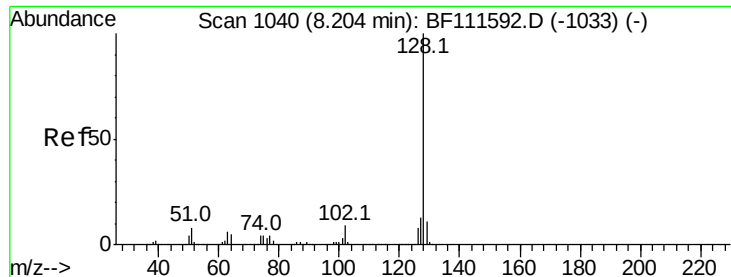
Acq: 3 Jan 2019 13:57

Tgt Ion:	180	Resp:	691610
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.6	113.4
145	29.6	26.7	40.1



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





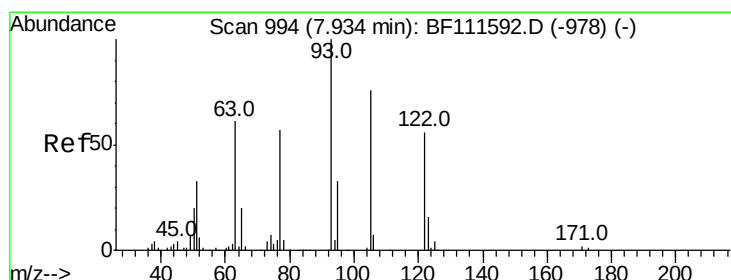
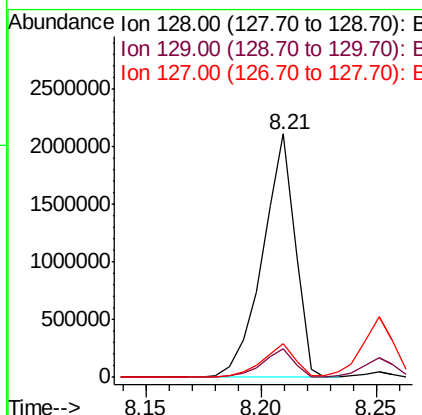
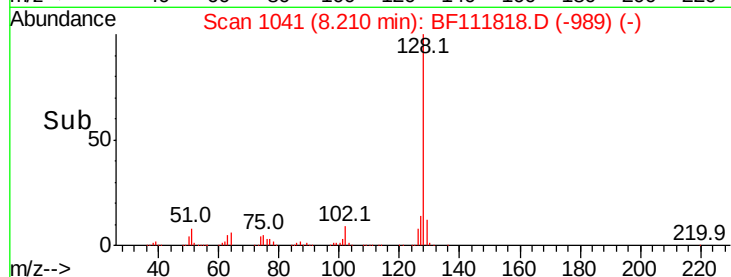
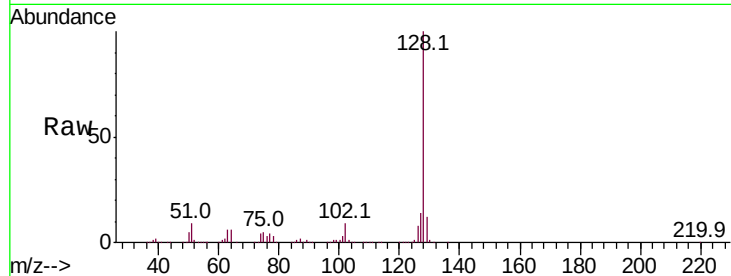
#31
Naphthalene
Concen: 42.876 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion:128 Resp: 2071787
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 14.0 12.0 18.0

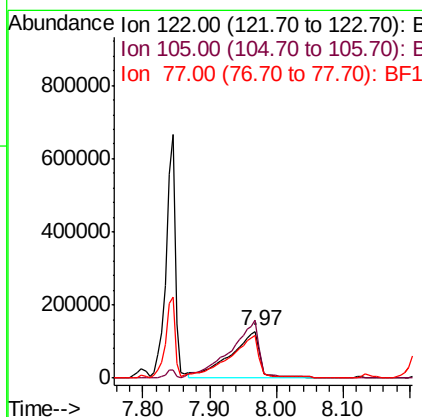
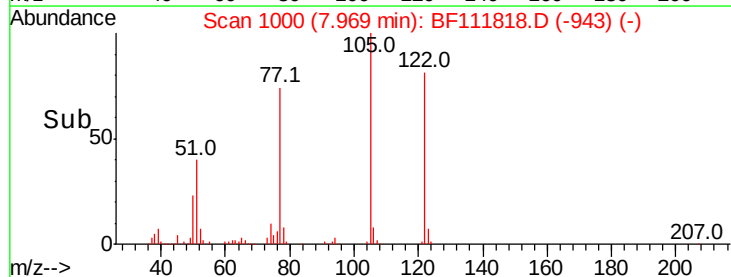
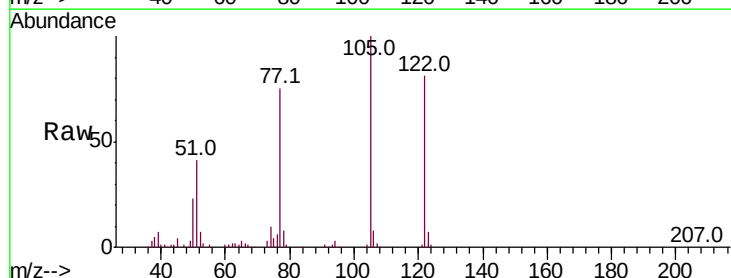
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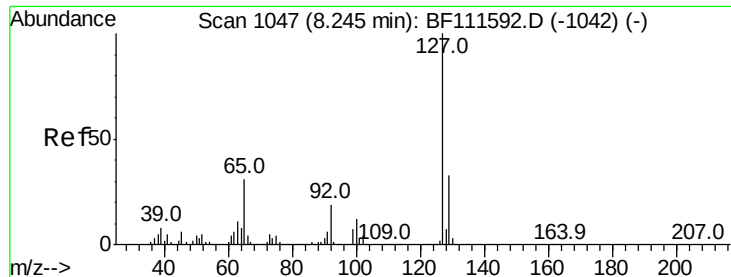
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#32
Benzoic acid
Concen: 41.103 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:122 Resp: 393435
Ion Ratio Lower Upper
122 100
105 123.0 97.0 137.0
77 92.2 65.7 105.7





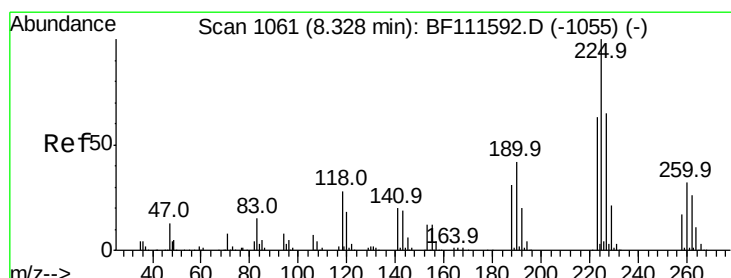
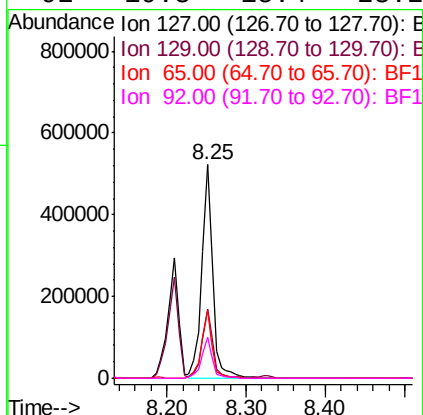
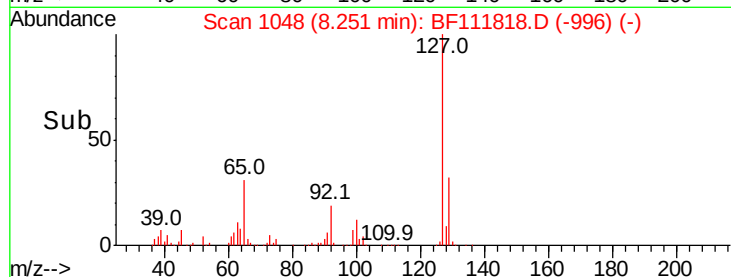
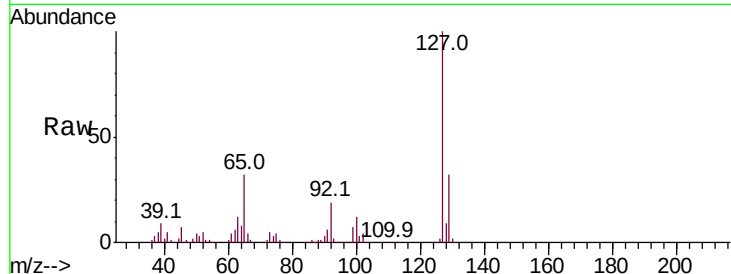
#33
4-Chloroaniline
Concen: 25.042 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	32.0	25.7	38.5
92	19.3	15.4	23.2

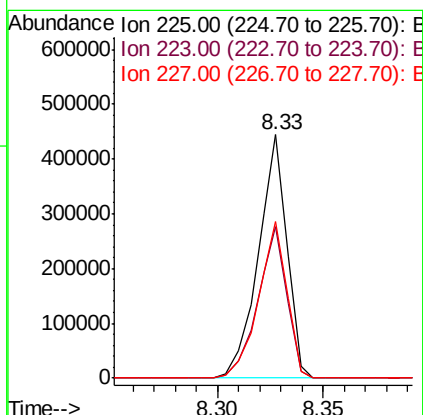
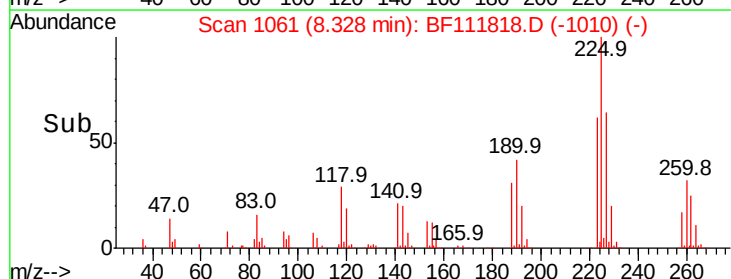
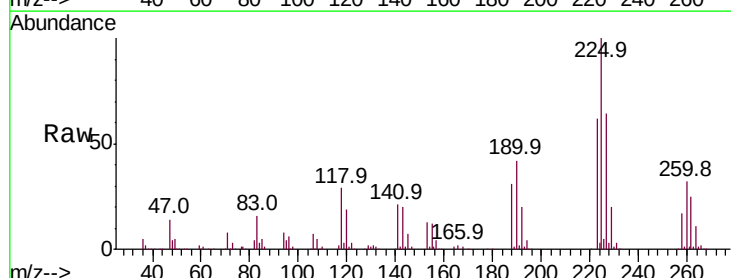
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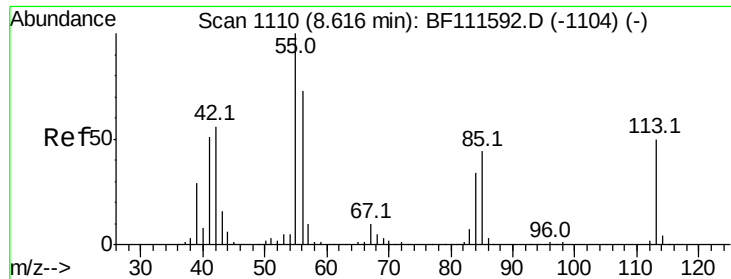
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#34
Hexachlorobutadiene
Concen: 39.498 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	64.2	52.6	78.8





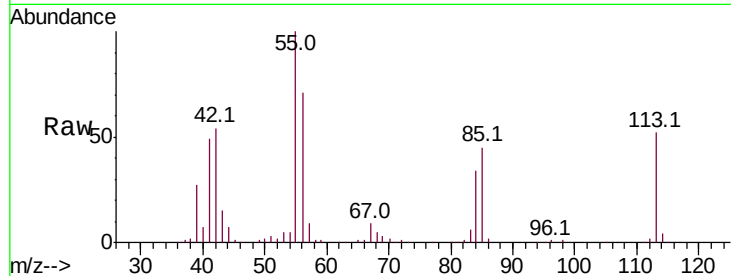
#35
 Caprolactam
 Concen: 38.329 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB116115BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.2	184.1	224.1
56	136.1	126.0	166.0

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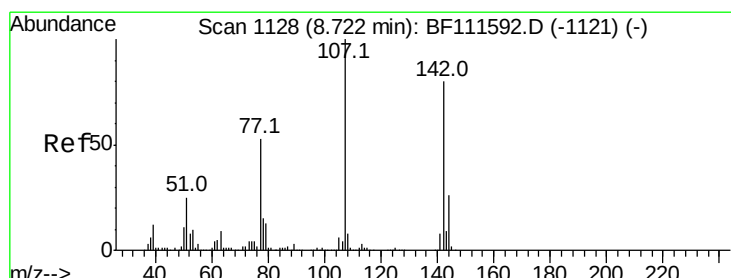
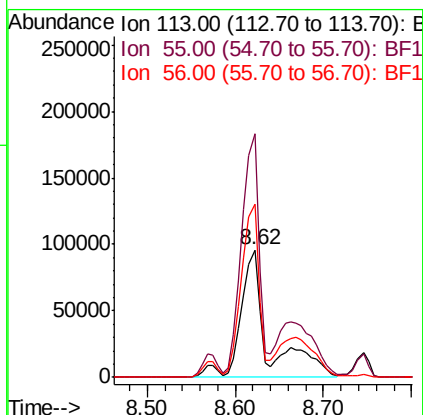
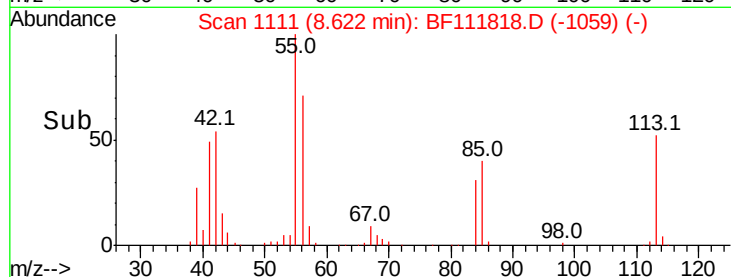


Abundance

Ion 113.00 (112.70 to 113.70): E

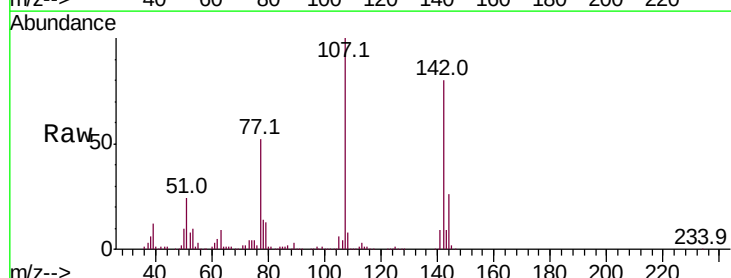
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.853 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.8	29.6
142	80.3	62.3	93.5

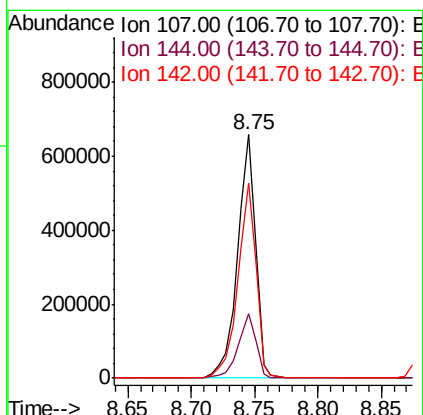
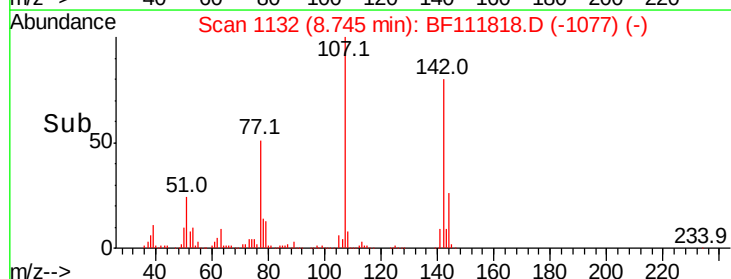


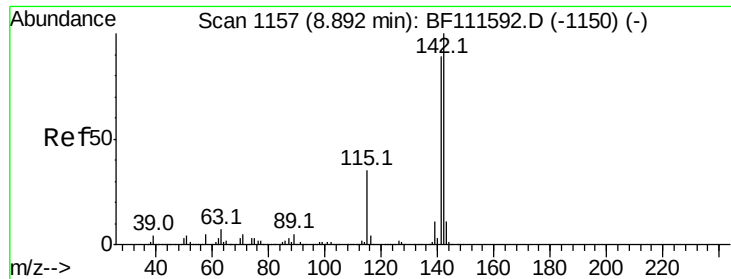
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





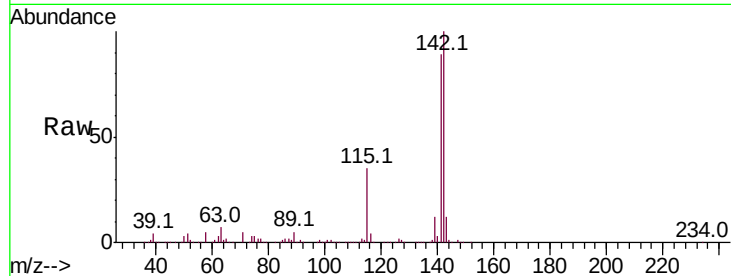
#37
2-Methylnaphthalene
Concen: 45.301 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

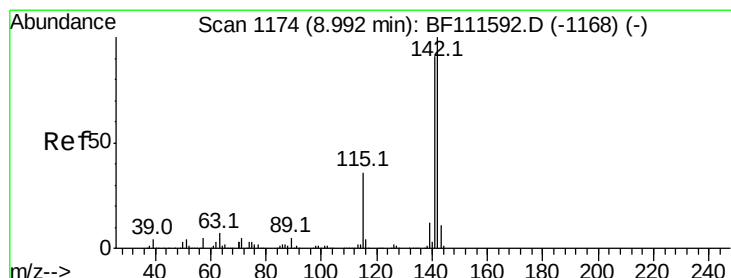
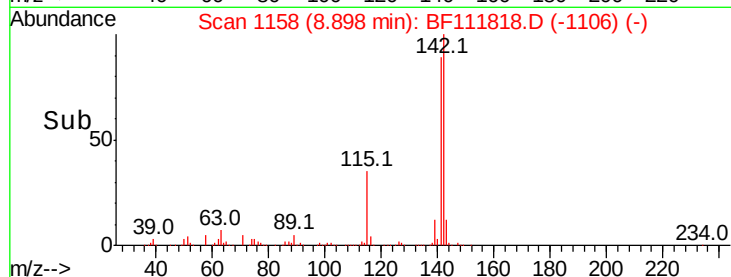
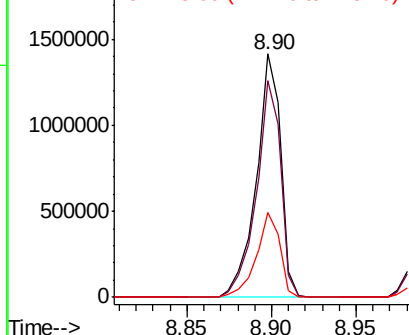
Tot Ion:142 Resp: 1424140
Ion Ratio Lower Upper
142 100
141 89.1 70.6 105.8
115 34.7 27.0 40.6

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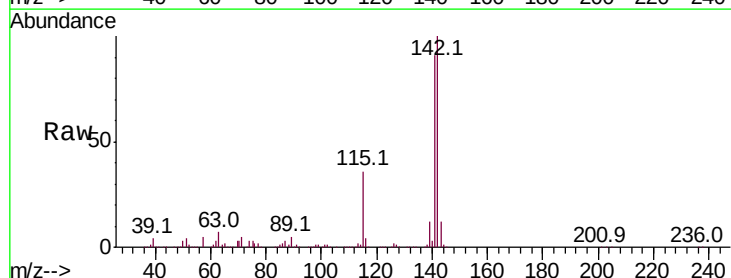


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

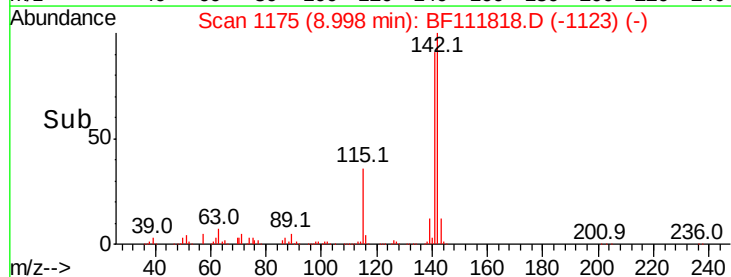
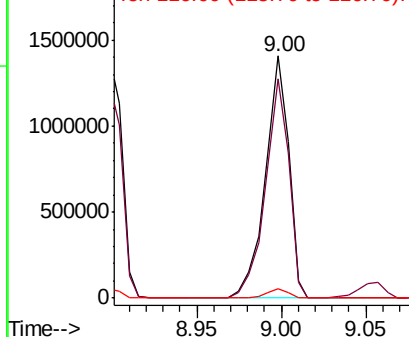


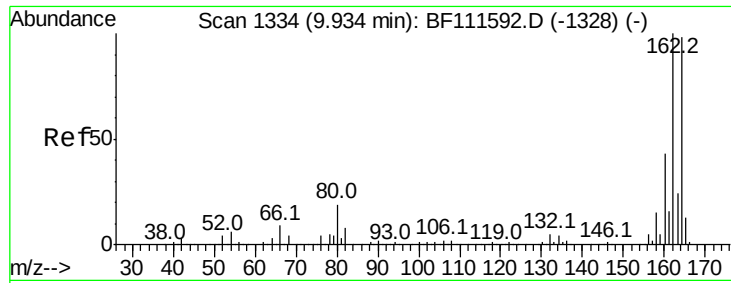
#38
1-Methylnaphthalene
Concen: 44.540 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:142 Resp: 1344788
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4
116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





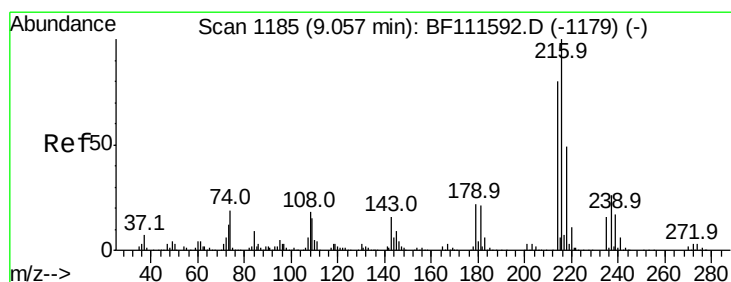
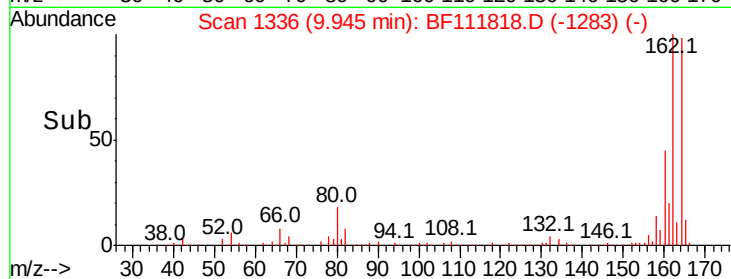
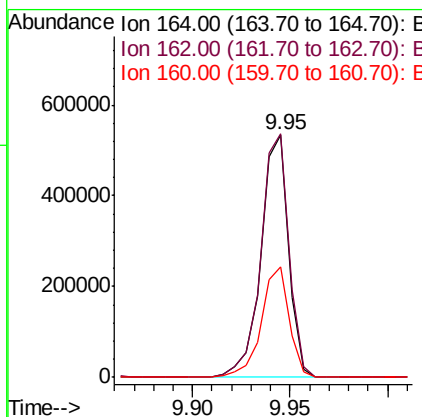
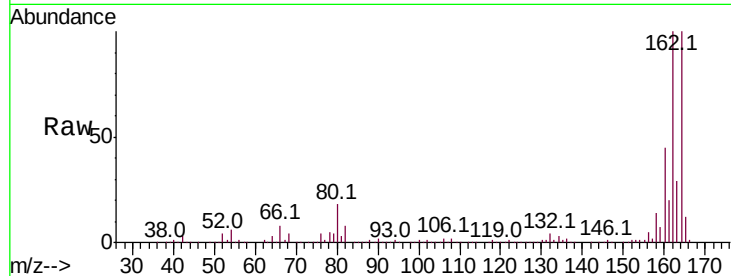
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	81.4	122.0	
160	45.4	35.7	53.5	

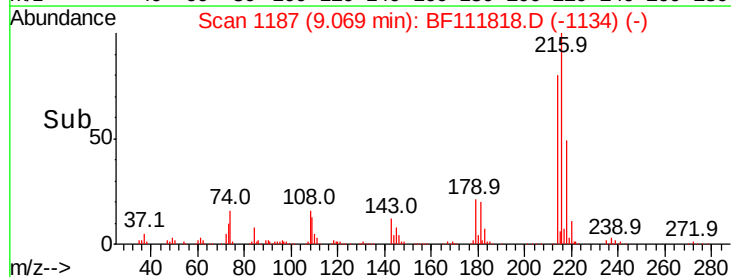
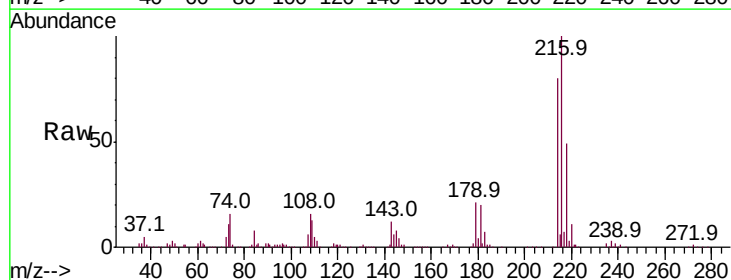
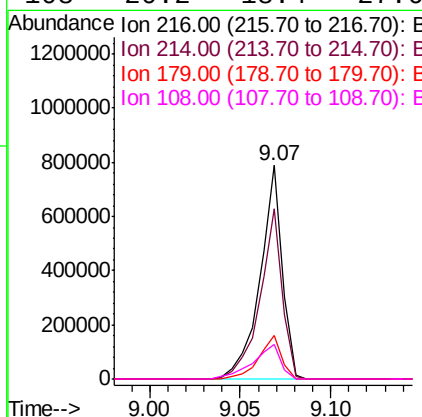
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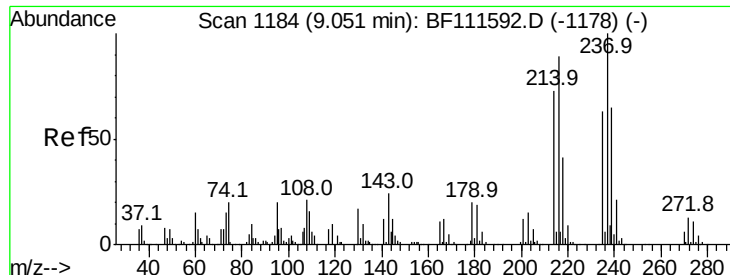
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.228 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.8	
179	20.9	17.9	26.9	
108	20.2	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 110.350 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

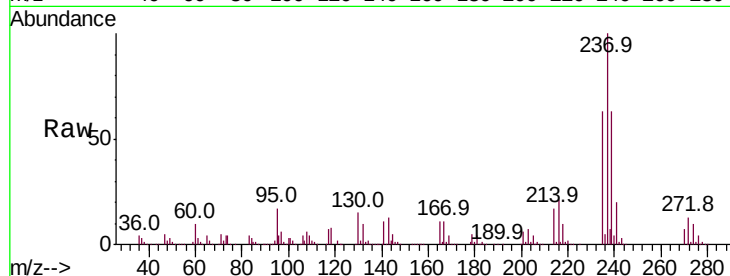
ClientSampleId :

PB116115BS

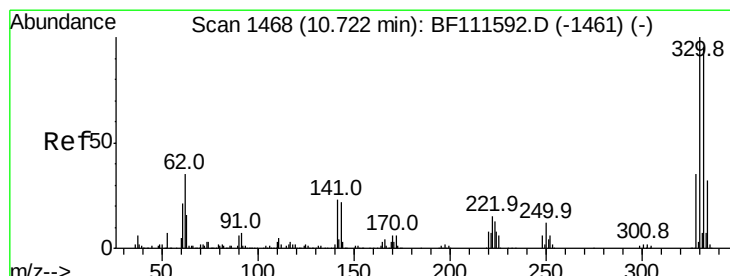
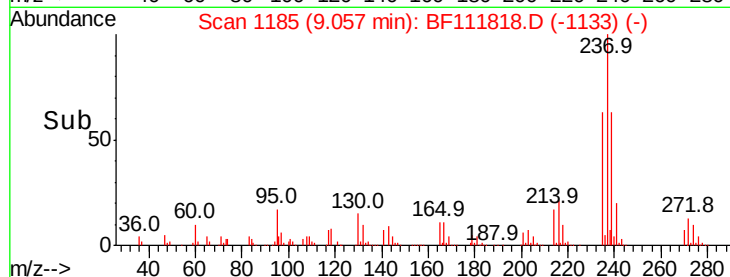
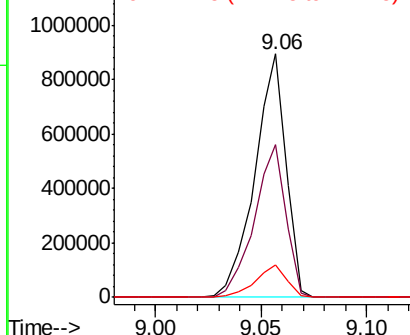
Tot Ion:	237	Resp:	917957
Ion Ratio		Lower	Upper
237	100		
235	62.7	43.1	83.1
272	13.5	0.0	33.0

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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: 127.731 ng

RT: 10.74 min Scan# 1471

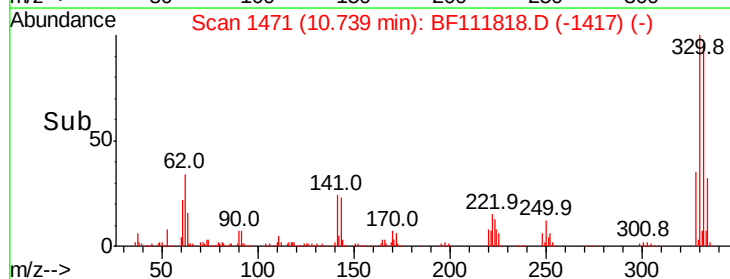
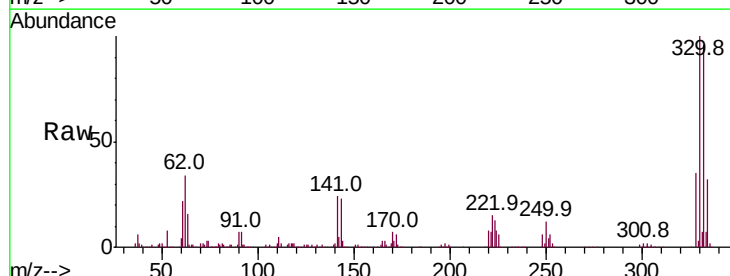
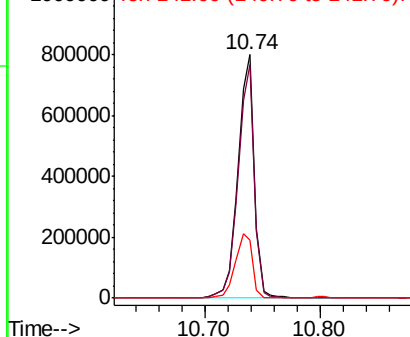
Delta R.T. 0.02 min

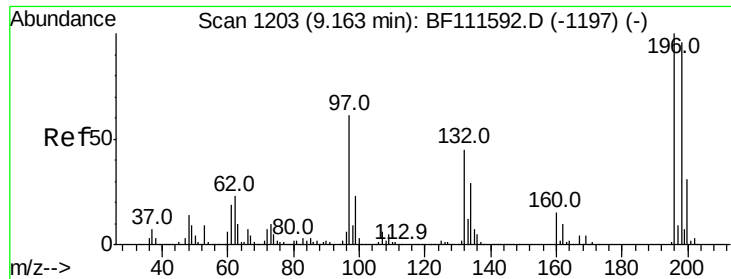
Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:	330	Resp:	787344
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.0	114.0
141	27.9	31.0	46.6#

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





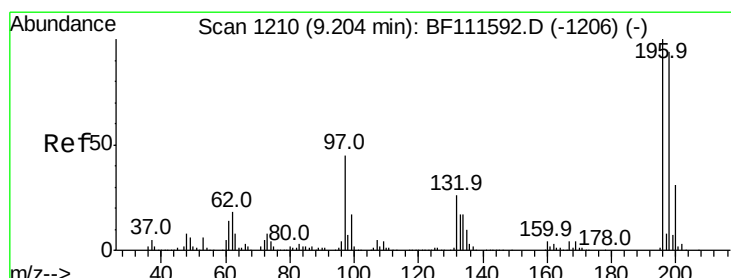
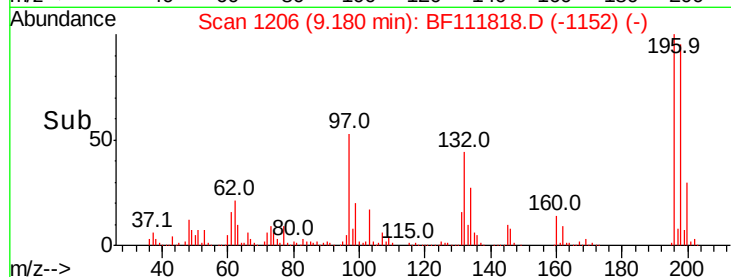
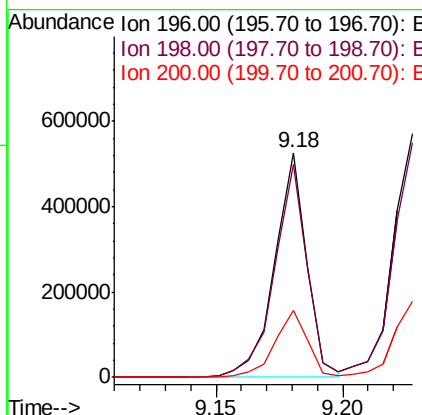
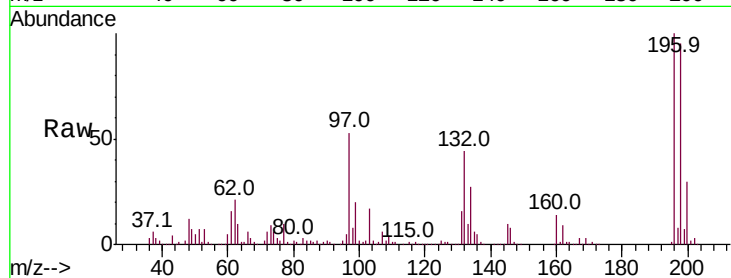
#43
 2,4,6-Trichlorophenol
 Concen: 40.976 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Tot Ion:	196	Resp:	468982
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.3	114.5
200	29.6	24.9	37.3

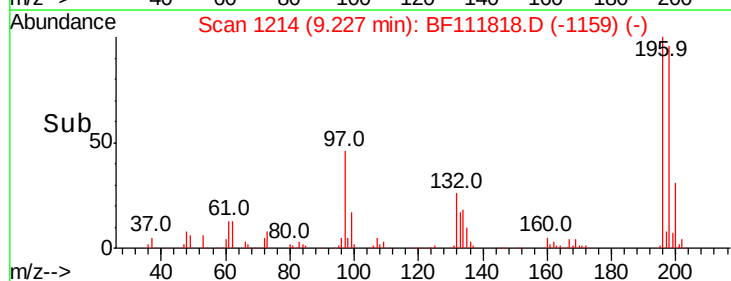
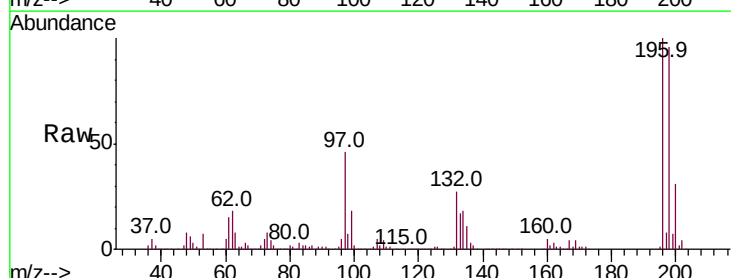
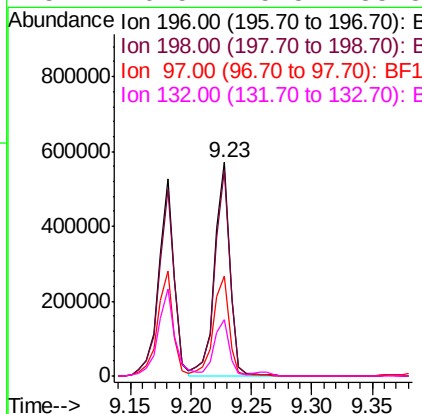
Manual Integrations
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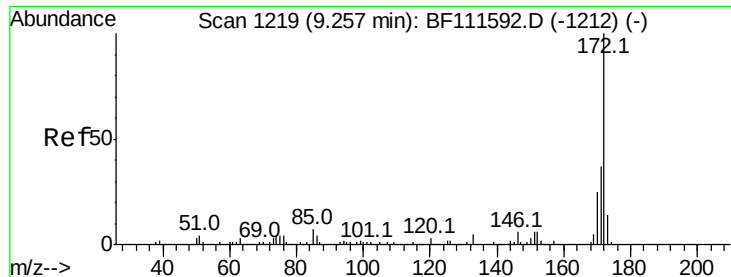
Sohil
 1/4/2019 9:56:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.760 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:	196	Resp:	490329
Ion Ratio	Lower	Upper	
196	100		
198	96.2	72.9	109.3
97	46.5	45.3	67.9
132	26.5	25.5	38.3





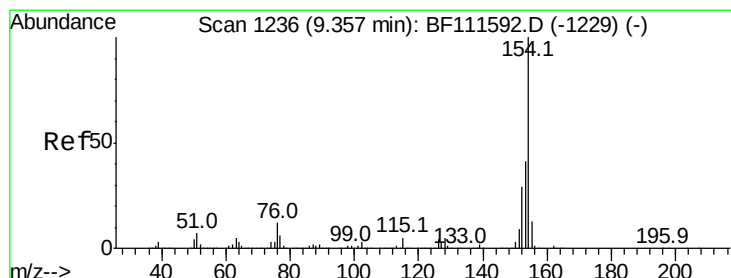
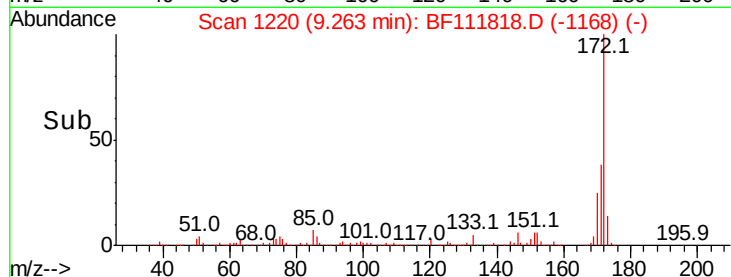
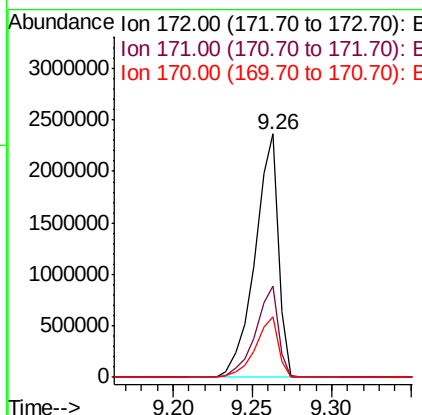
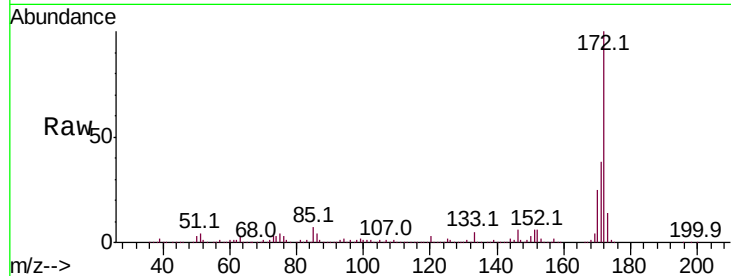
#45
2-Fluorobiphenyl
Concen: 68.112 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion:172 Resp: 2437785
Ion Ratio Lower Upper
172 100
171 37.6 33.0 49.4
170 24.9 22.3 33.5

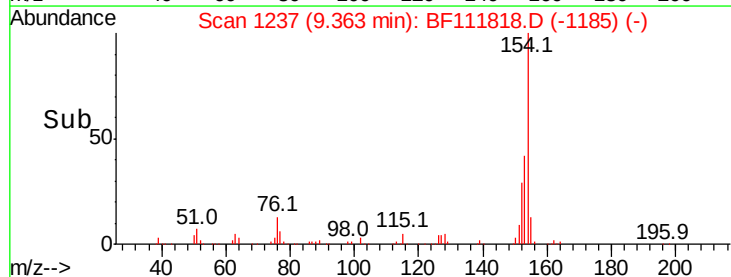
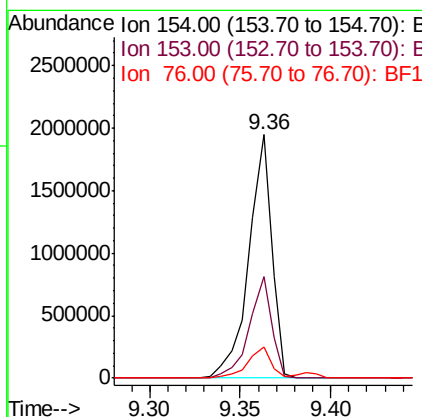
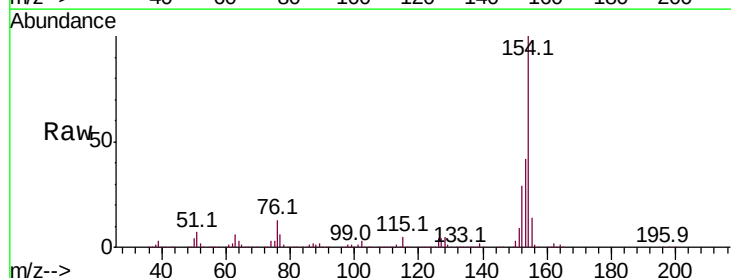
Manual Integrations
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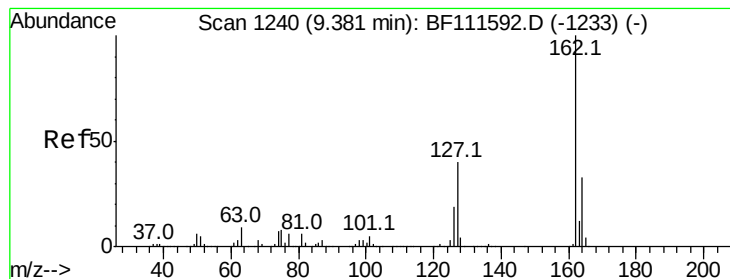
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#46
1,1'-Biphenyl
Concen: 39.167 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:154 Resp: 1724815
Ion Ratio Lower Upper
154 100
153 41.7 23.7 63.7
76 12.6 0.0 35.0





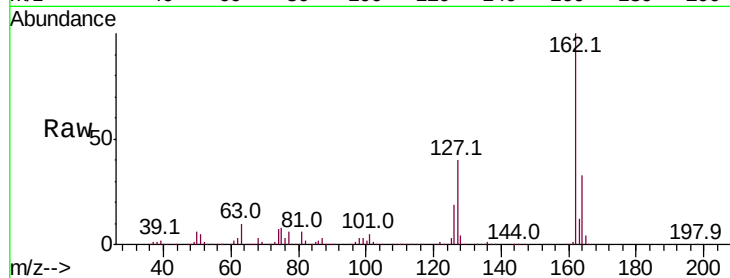
#47
 2-Chloronaphthalene
 Concen: 39.219 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

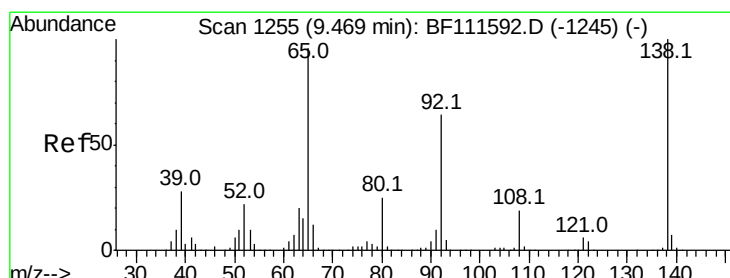
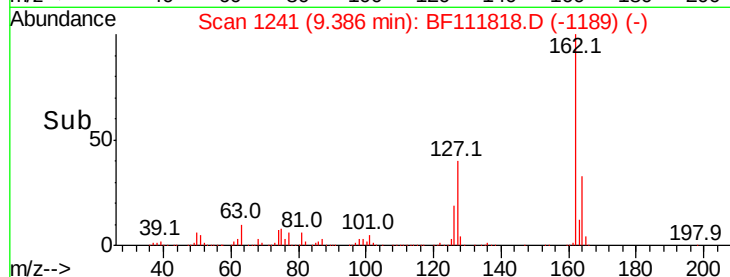
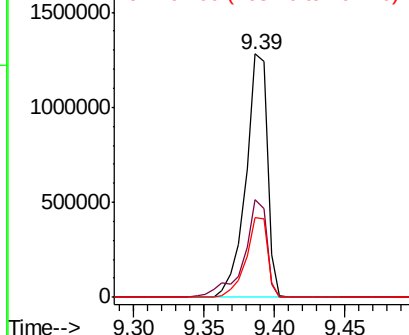
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	33.0	28.4	42.6

Manual Integrations
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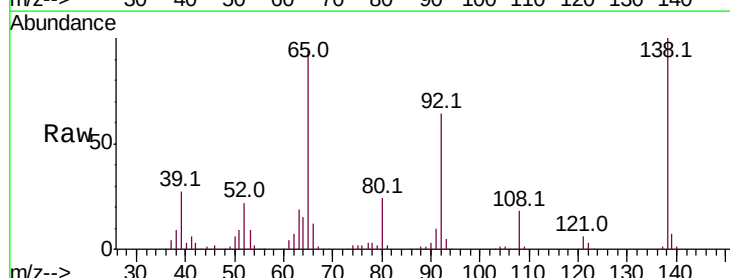


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

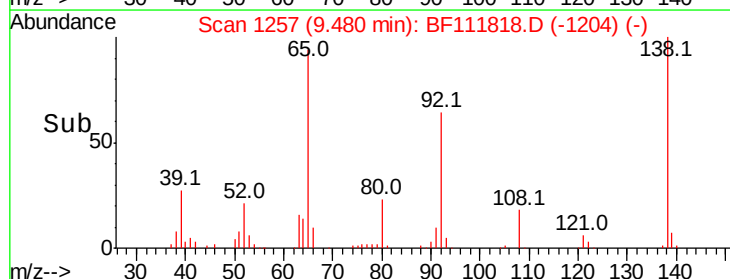
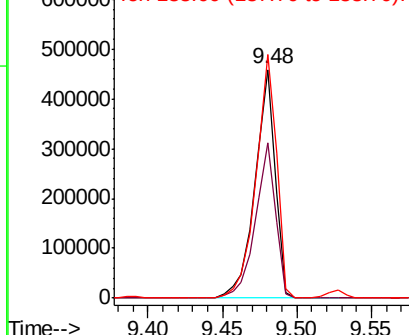


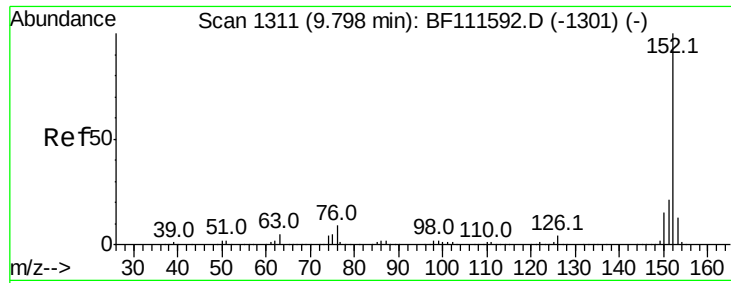
#48
 2-Nitroaniline
 Concen: 46.726 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.5	80.3
138	106.5	80.9	121.3



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





#49

Acenaphthylene

Concen: 42.171 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:152 Resp: 2148298

Ion Ratio Lower Upper

152 100

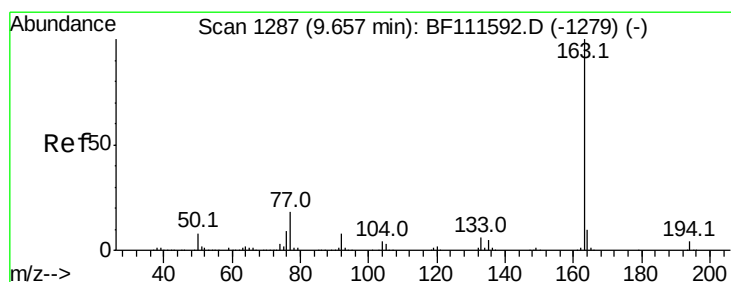
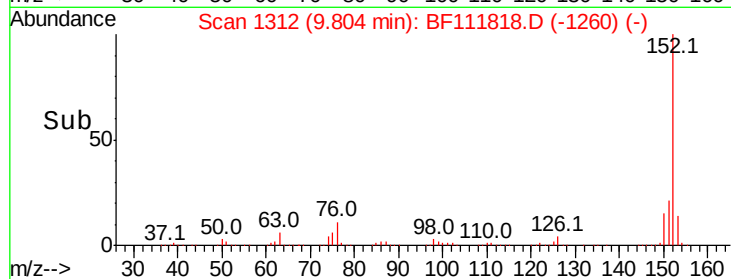
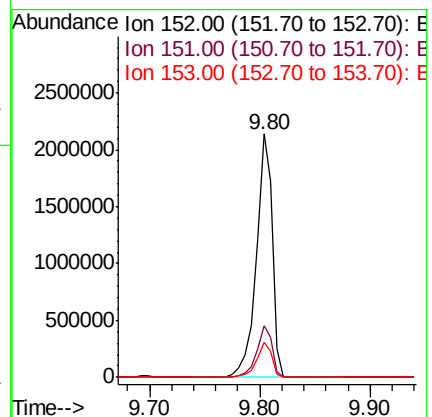
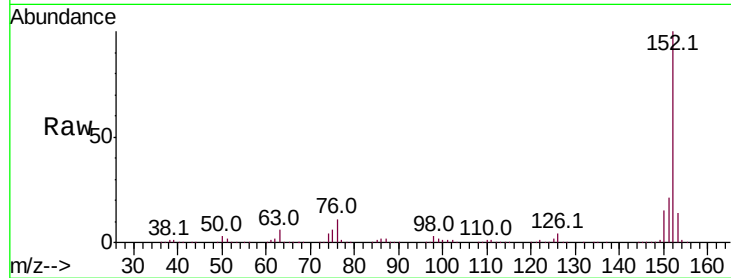
151 21.5 18.0 27.0

153 14.1 12.3 18.5

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#50

Dimethylphthalate

Concen: 41.686 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

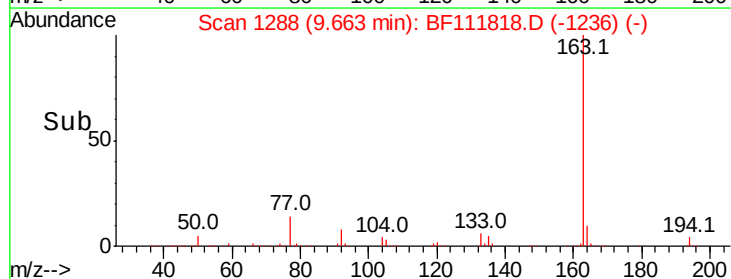
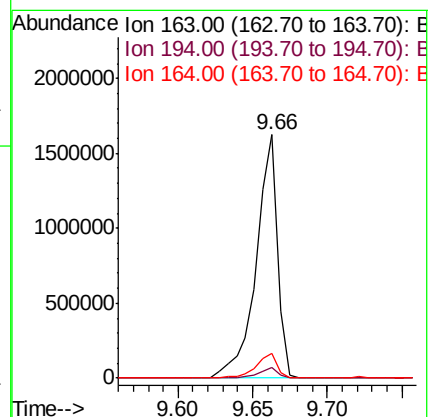
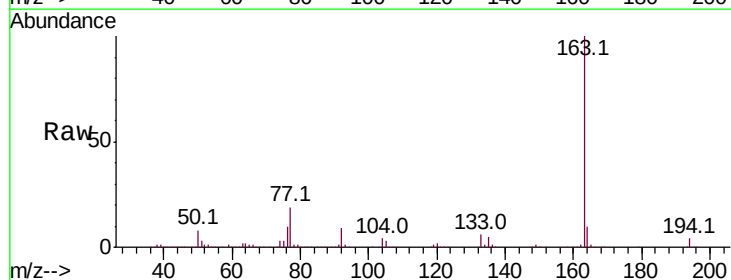
Tgt Ion:163 Resp: 1590270

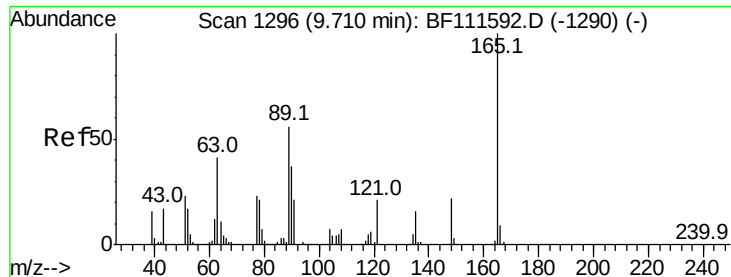
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 10.3 8.9 13.3





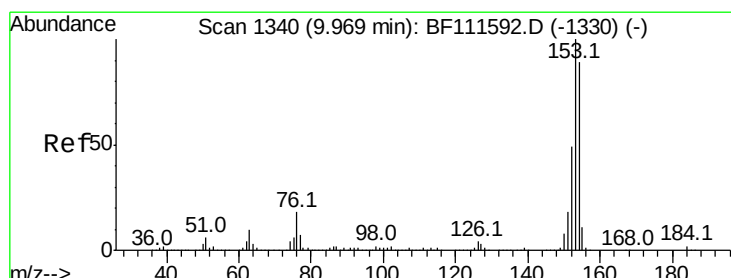
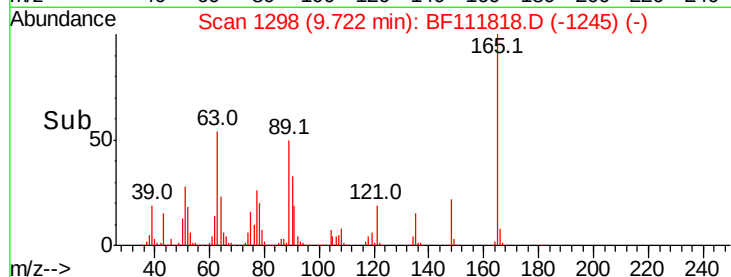
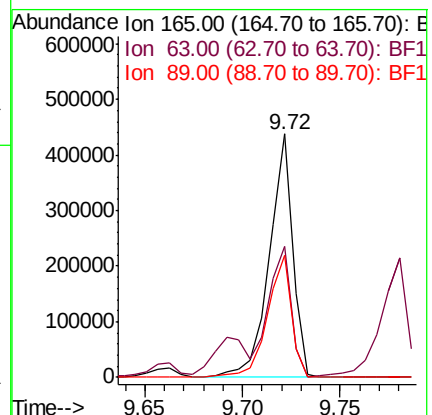
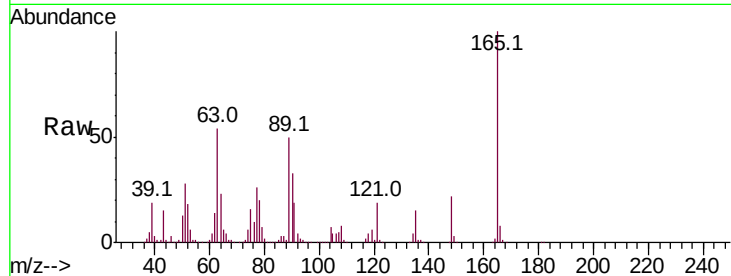
#51
2,6-Dinitrotoluene
Concen: 47.900 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB116115BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	364367		
63	53.6	40.5	60.7	
89	50.1	40.0	60.0	

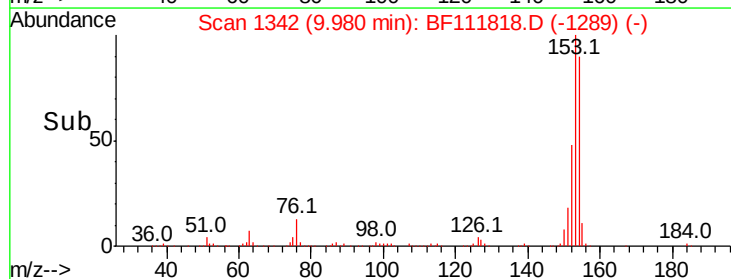
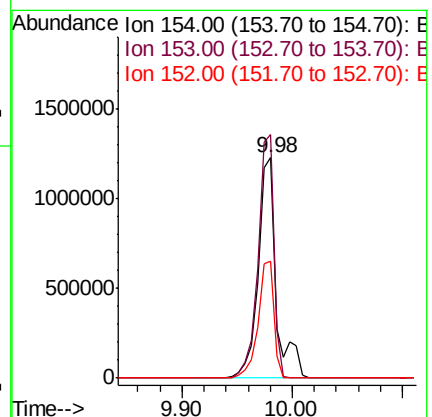
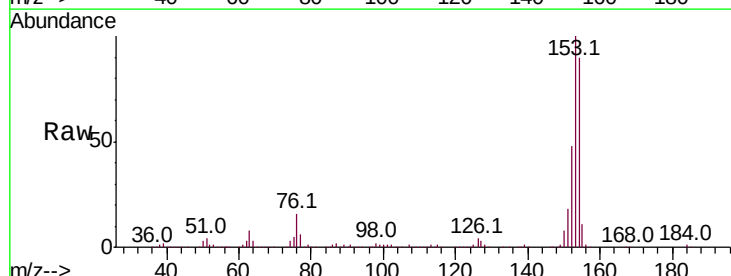
Manual Integrations
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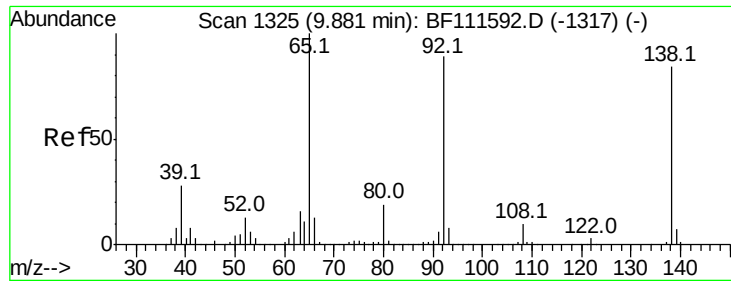
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#52
Acenaphthene
Concen: 45.495 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1429414		
153	110.6	87.8	131.8	
152	53.0	43.4	65.2	





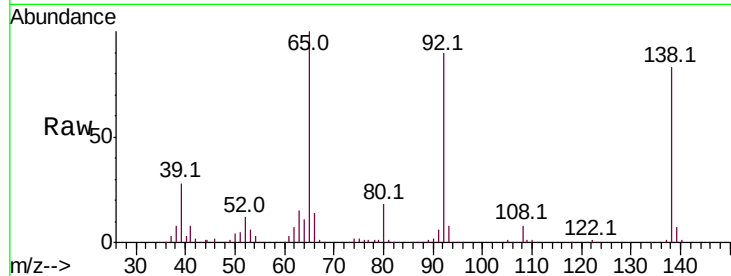
#53
3-Nitroaniline
Concen: 33.535 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	107.8	93.4	140.2

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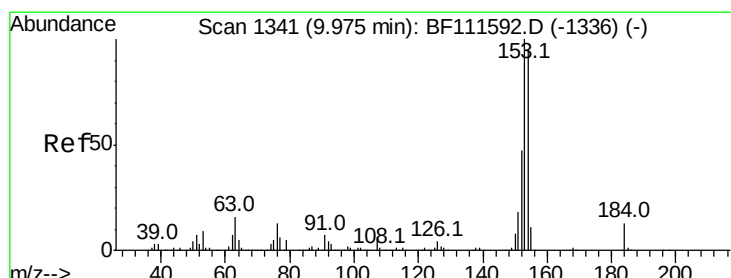
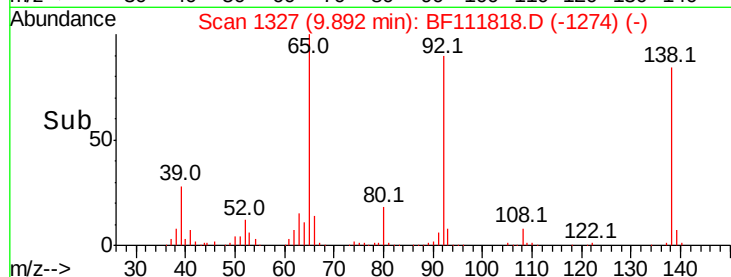
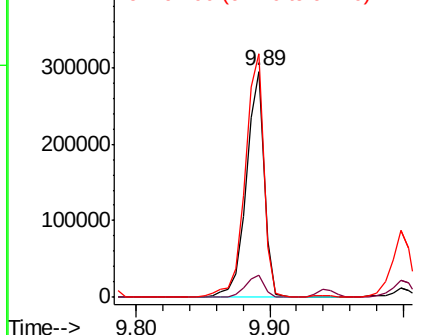


Abundance

Ion 138.00 (137.70 to 138.70): E

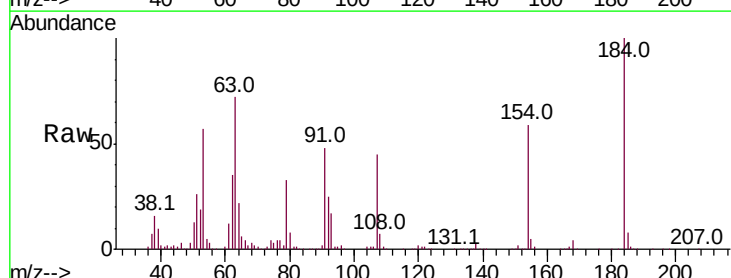
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 140.666 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	62.3	93.5
154	58.9	56.2	84.2

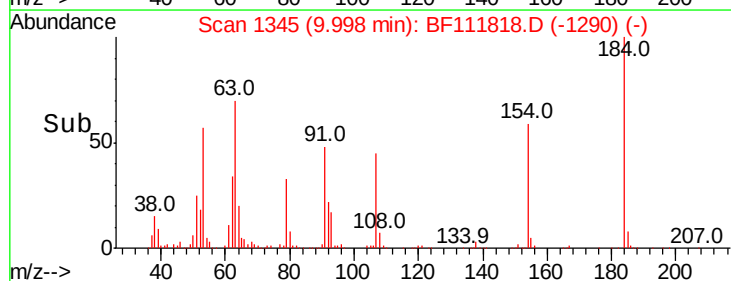
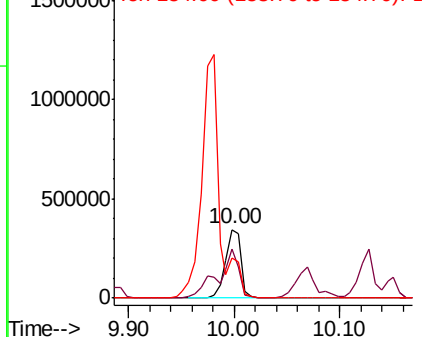


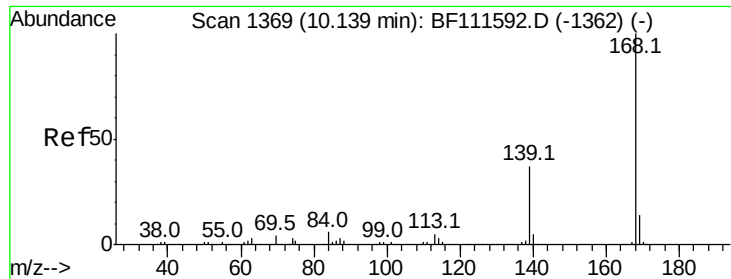
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





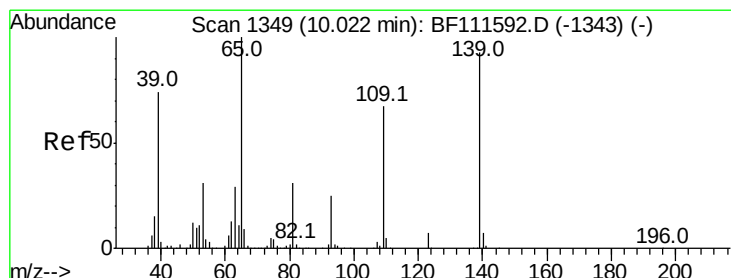
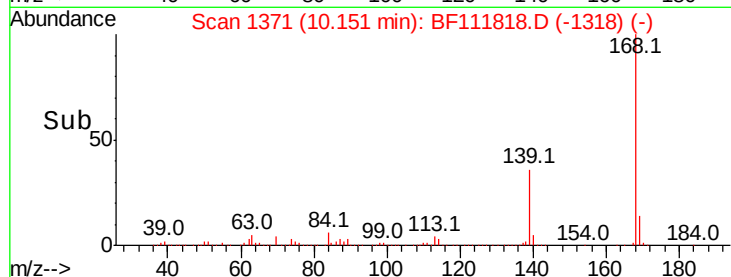
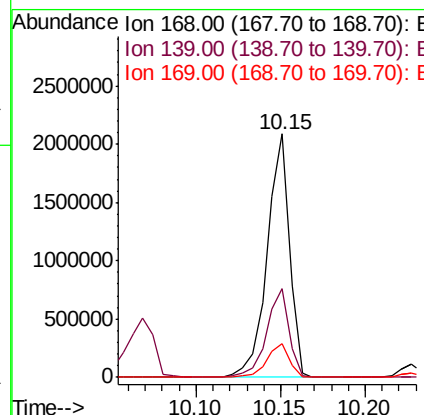
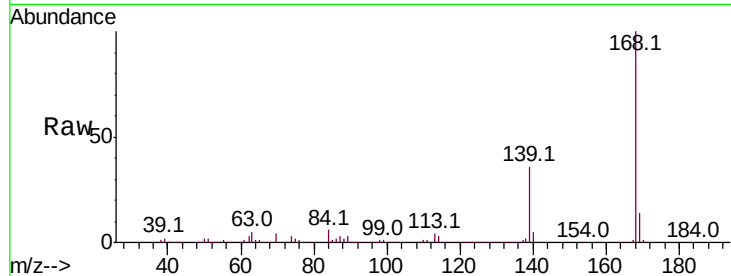
#55
Dibenzofuran
Concen: 40.327 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB116115BS

Tot Ion:168 Resp: 1914274
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.7 11.8 17.6

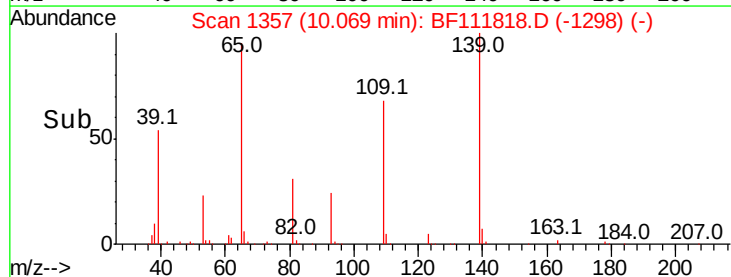
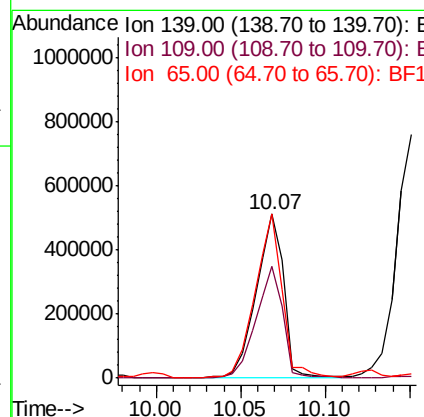
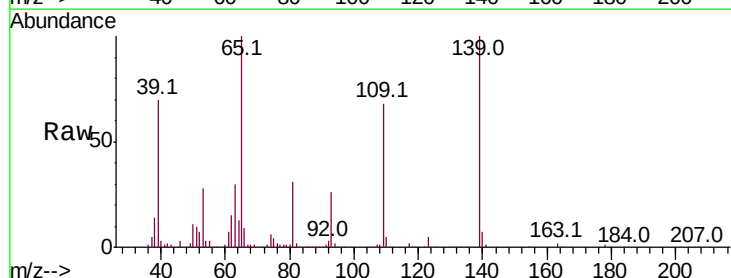
Manual Integrations
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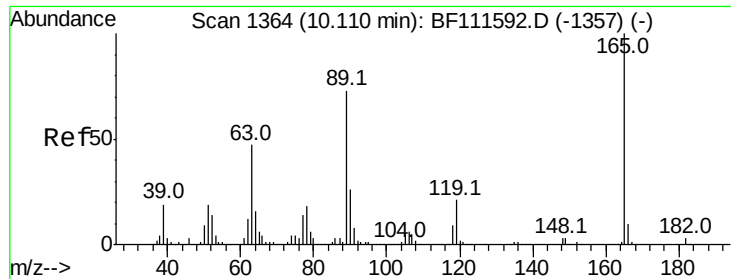
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#56
4-Nitrophenol
Concen: 93.001 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:139 Resp: 575790
Ion Ratio Lower Upper
139 100
109 68.1 41.8 81.8
65 100.4 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 53.451 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:165 Resp: 488672

Ion Ratio Lower Upper

165 100

63 43.7 34.6 52.0

89 67.2 56.2 84.4

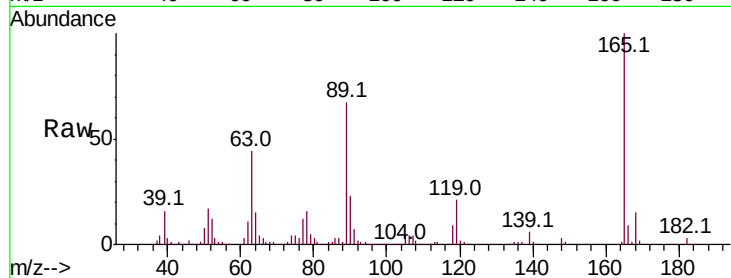
182 2.6 1.8 2.6

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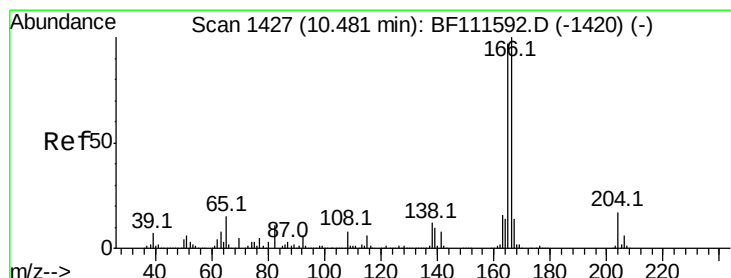
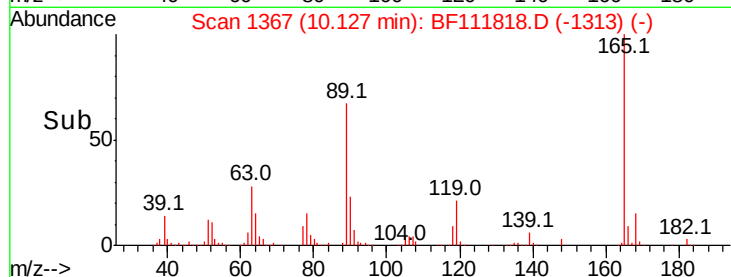
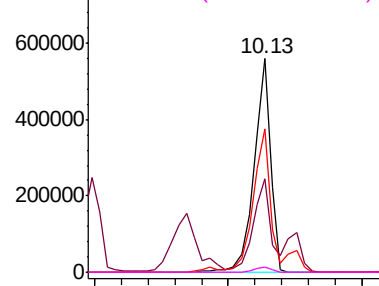


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.529 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

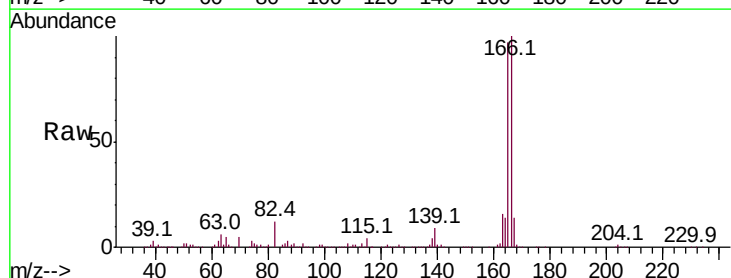
Tgt Ion:166 Resp: 1488900

Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

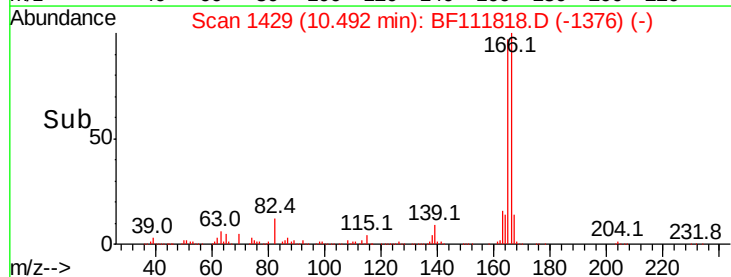
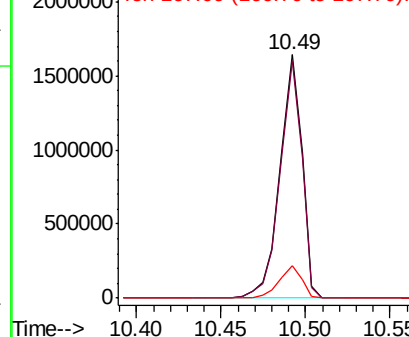
167 13.5 11.2 16.8

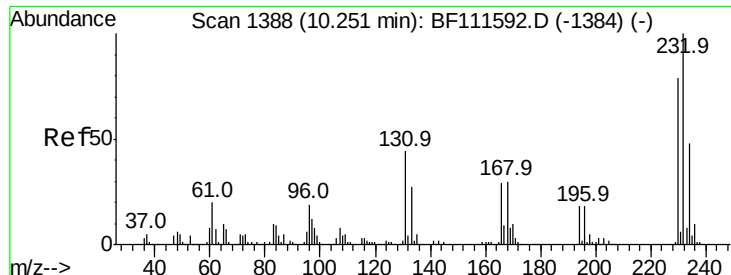


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





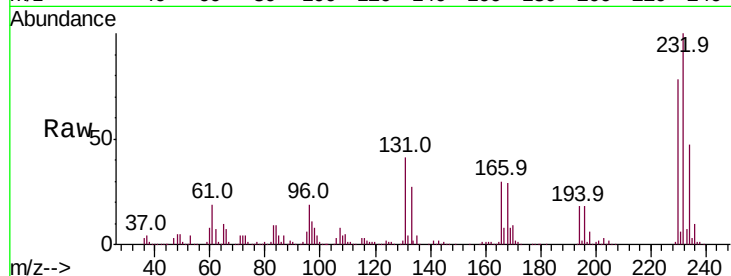
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.357 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	448188		
131	39.1	40.9	61.3	#
130	2.0	2.0	3.0	
166	27.8	26.8	40.2	

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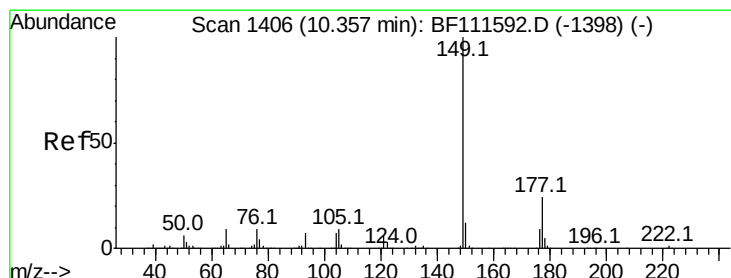
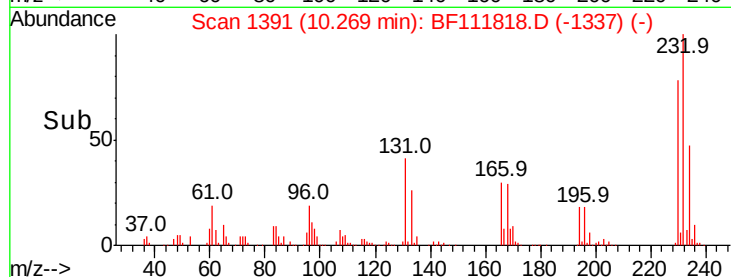
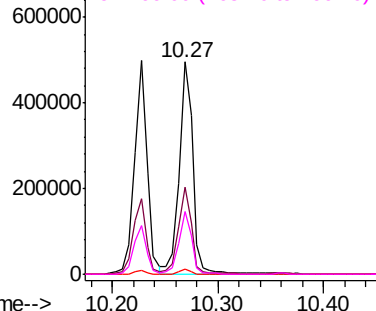
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

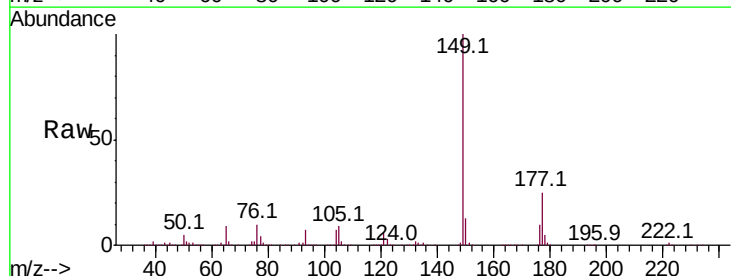
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.759 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1525264		
177	25.0	18.3	27.5	
150	12.7	10.6	15.8	

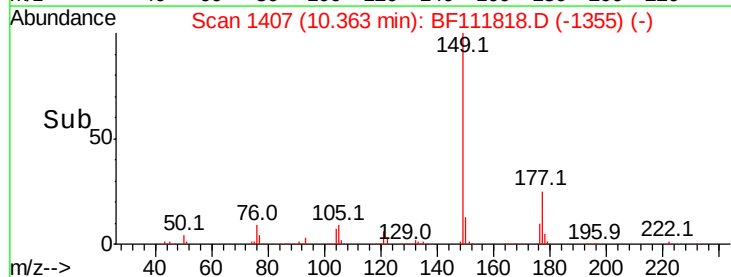
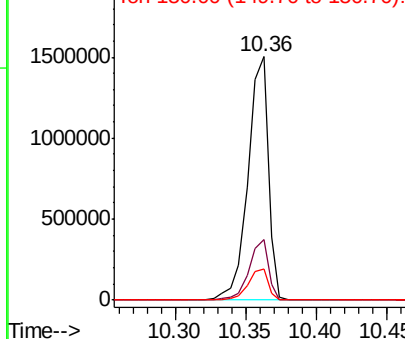


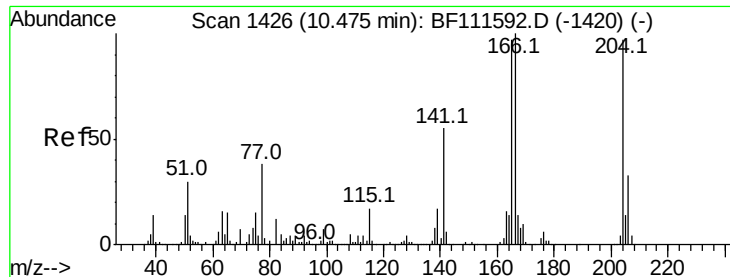
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





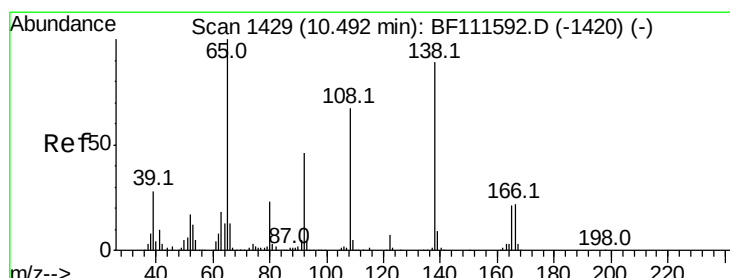
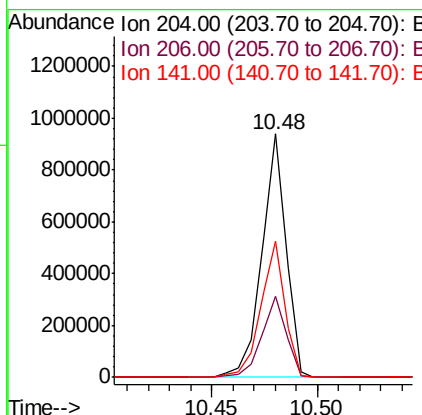
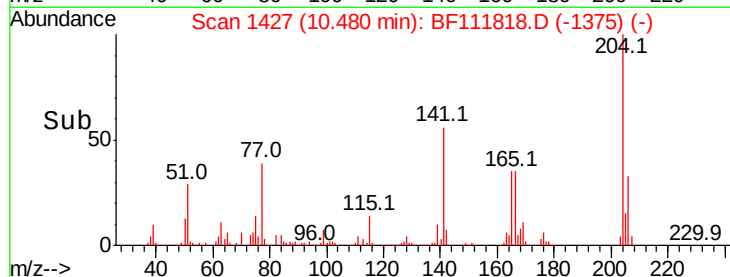
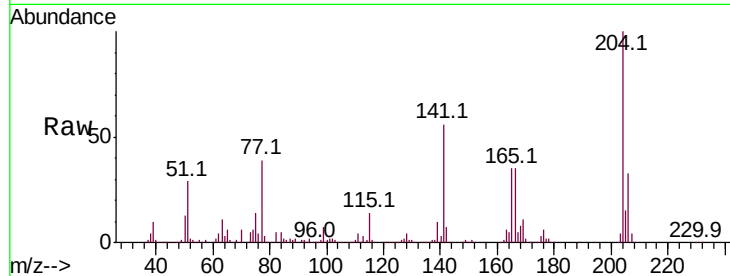
#61
 4-Chlorophenyl-phenylether
 Concen: 39.706 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Tot Ion:	204	Resp:	750355
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.6	39.8
141	55.7	52.6	78.8

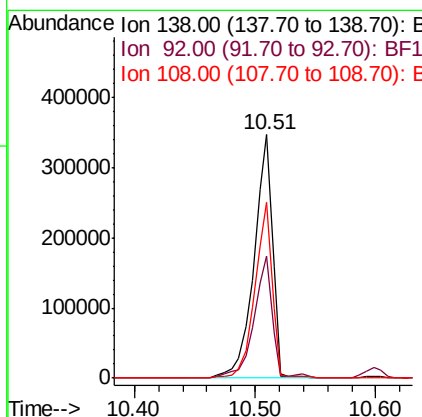
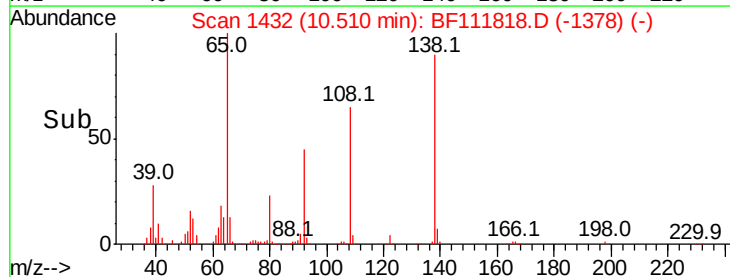
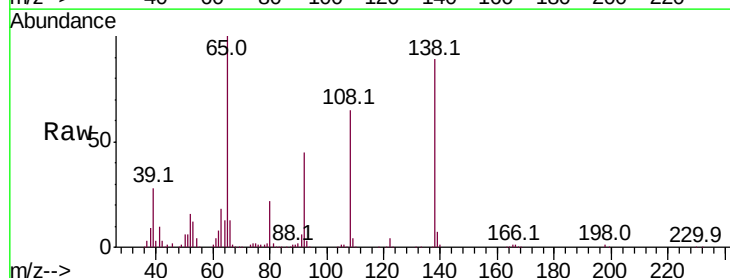
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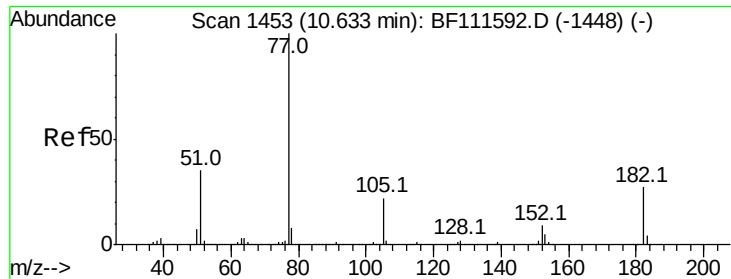
Sohil
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#62
 4-Nitroaniline
 Concen: 47.471 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:	138	Resp:	374308
Ion Ratio	Lower	Upper	
138	100		
92	50.2	29.9	69.9
108	72.4	43.2	83.2





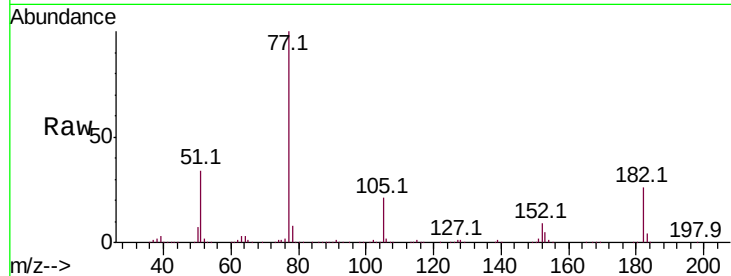
#63
Azobenzene
Concen: 39.426 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB116115BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	21.5	6.0	46.0
51	33.6	14.7	54.7

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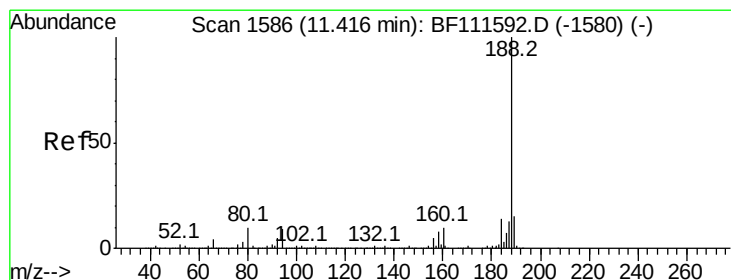
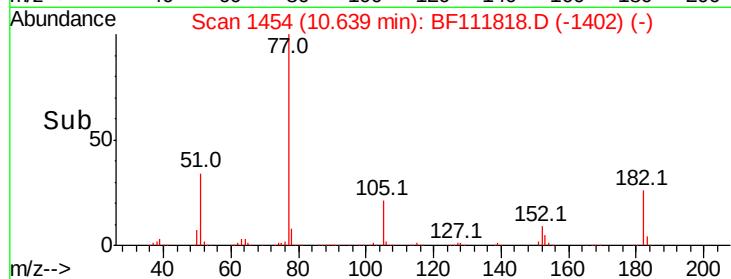
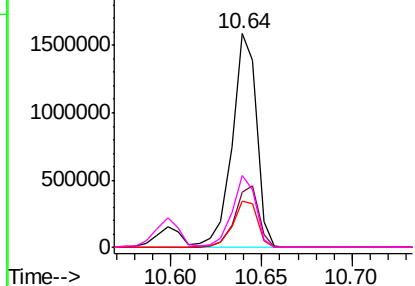
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

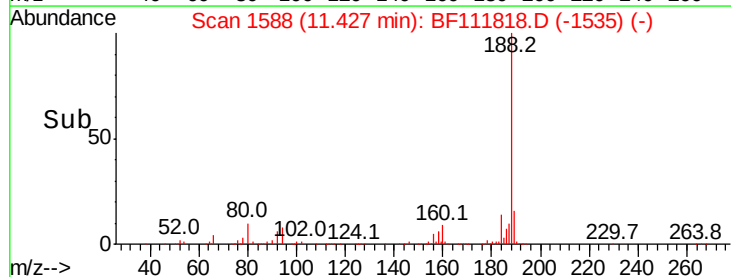
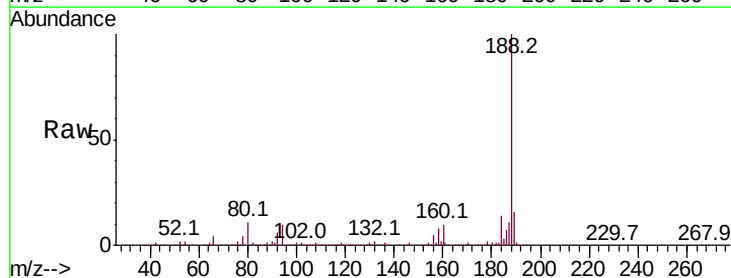
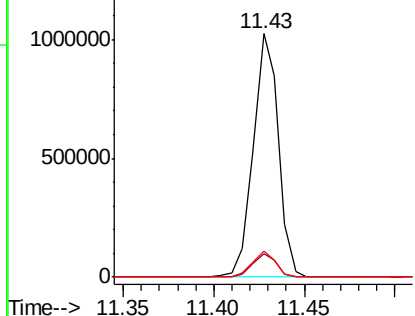
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.6	14.4
80	10.7	9.8	14.6

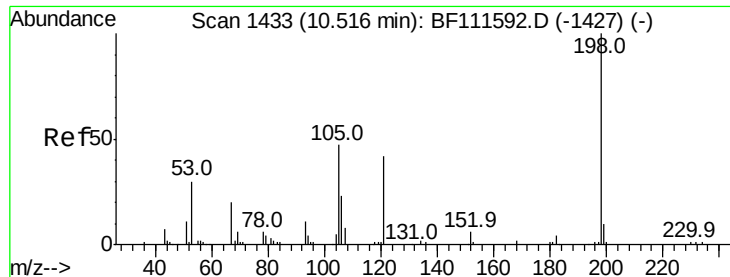
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.341 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:198 Resp: 229893

Ion Ratio Lower Upper

198 100

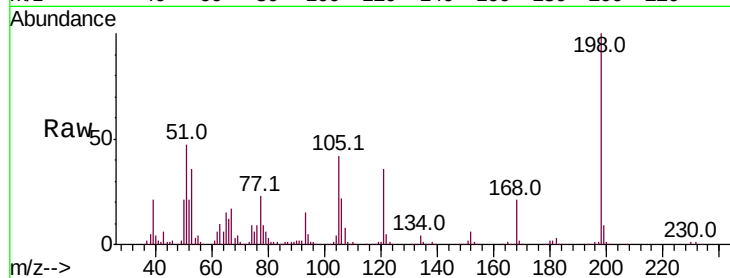
51 46.9 48.0 88.0#

105 42.0 34.0 74.0

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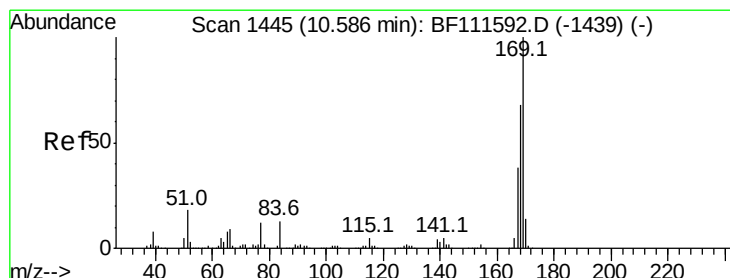
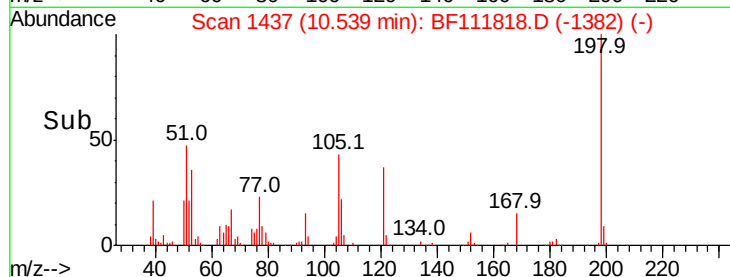
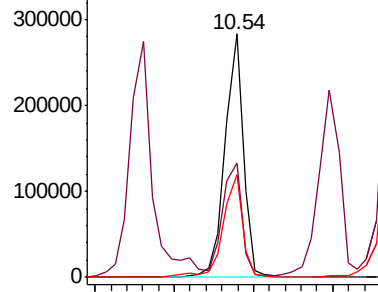
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.333 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

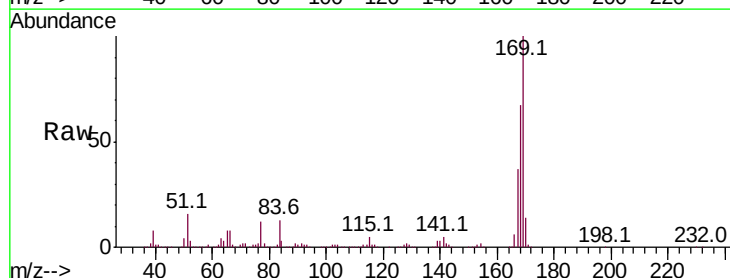
Tgt Ion:169 Resp: 1332201

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

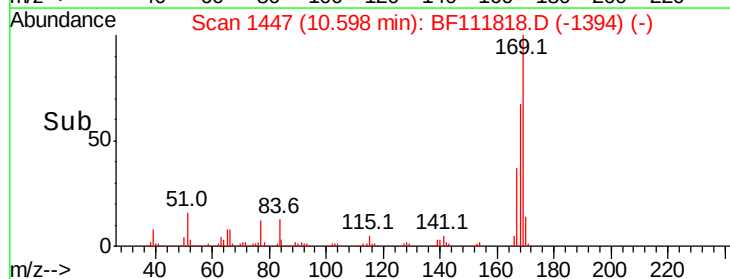
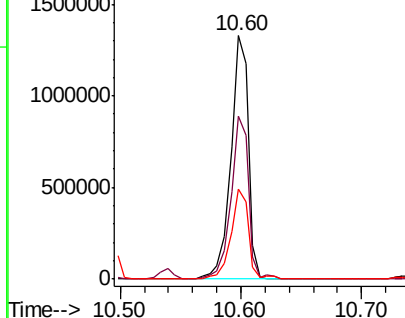
167 37.2 30.5 45.7

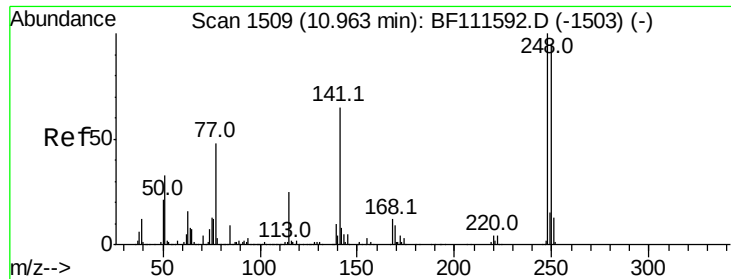


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





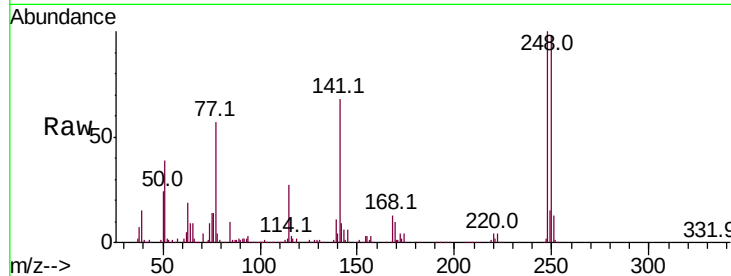
#67
4-Bromophenyl-phenylether
Concen: 40.867 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.4
141	68.5	63.0	94.6

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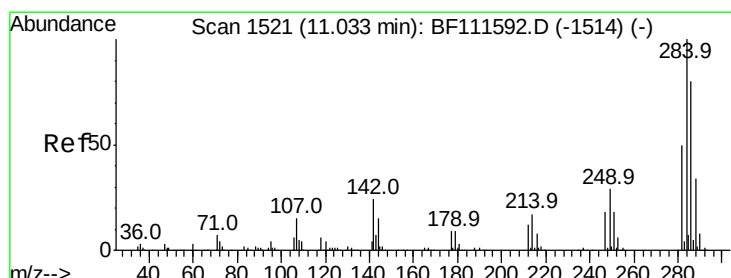
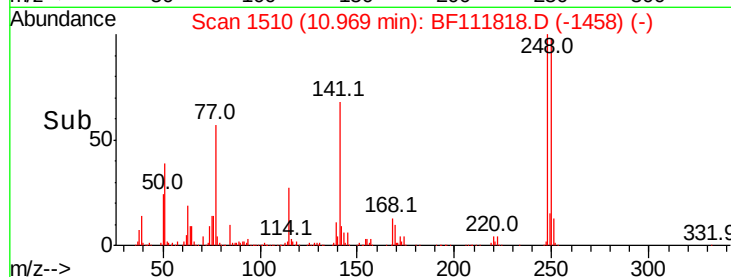
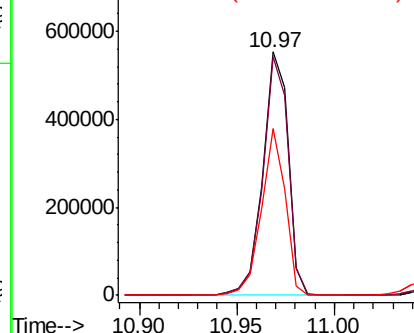


Abundance

Ion 248.00 (247.70 to 248.70): E

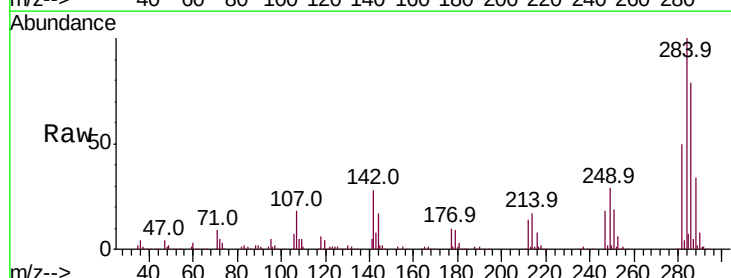
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.075 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	27.4	41.2
249	29.4	24.4	36.6

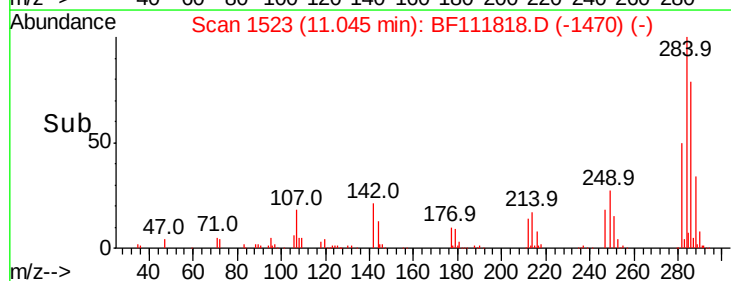
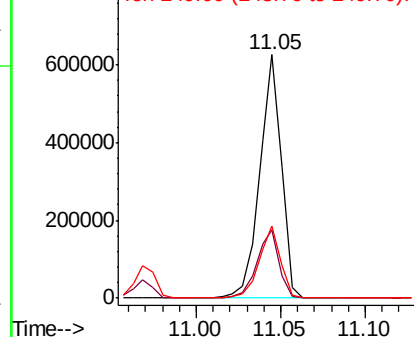


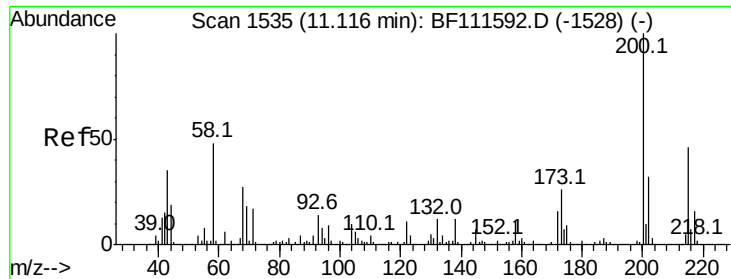
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





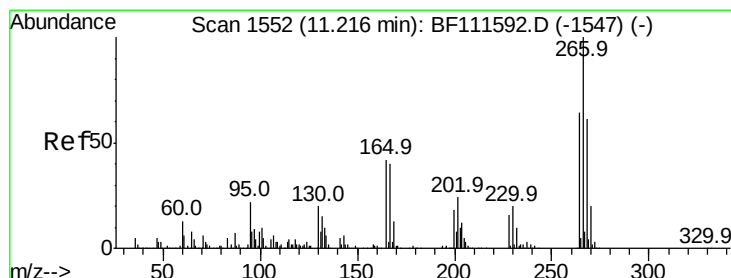
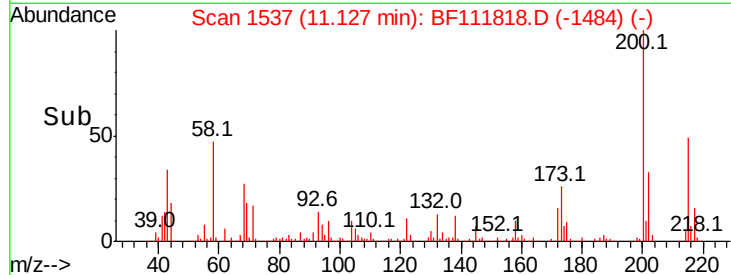
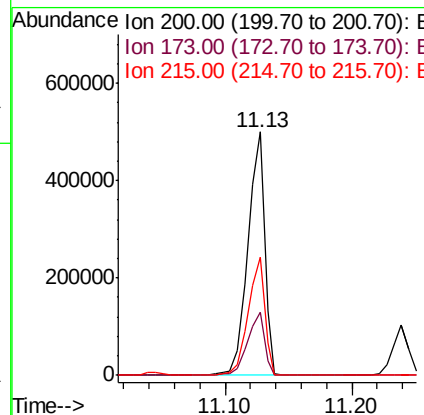
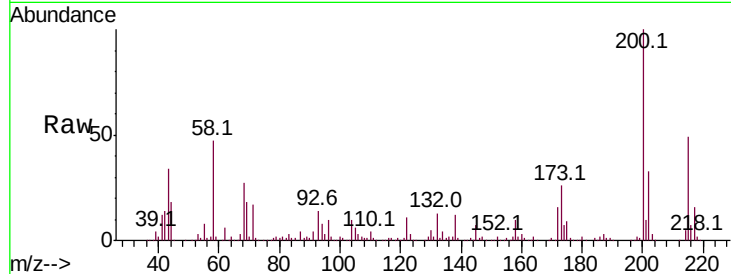
#69
Atrazine
Concen: 39.679 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	10.1	50.1
215	48.7	26.9	66.9

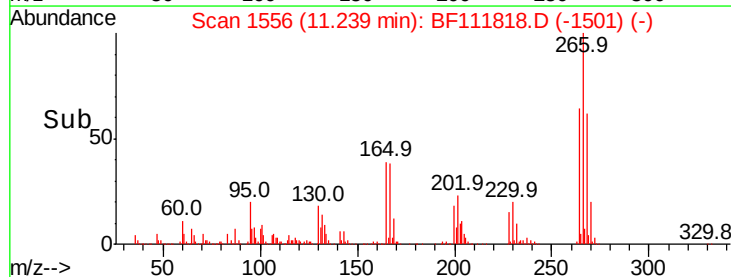
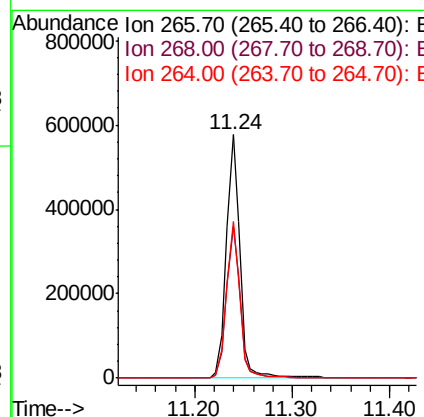
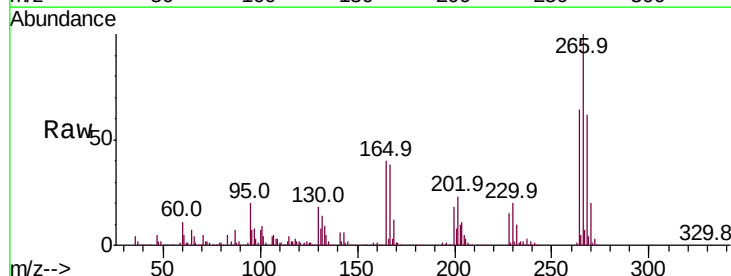
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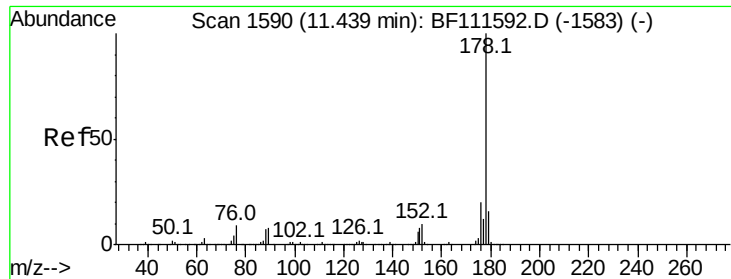
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#70
Pentachlorophenol
Concen: 66.829 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	47.9	71.9
264	64.2	49.1	73.7





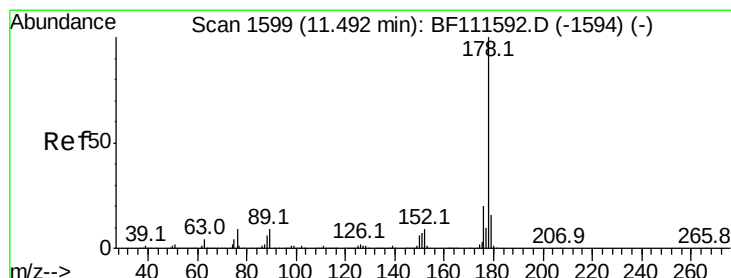
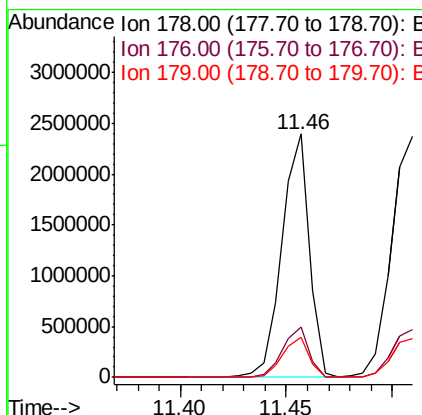
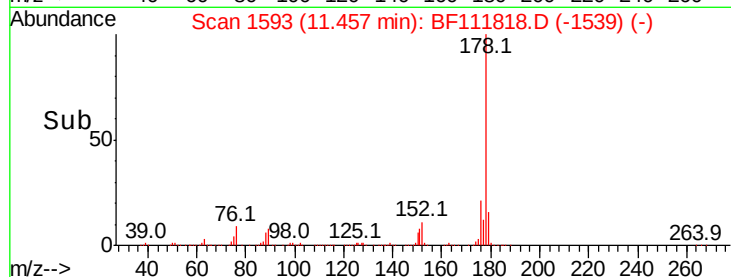
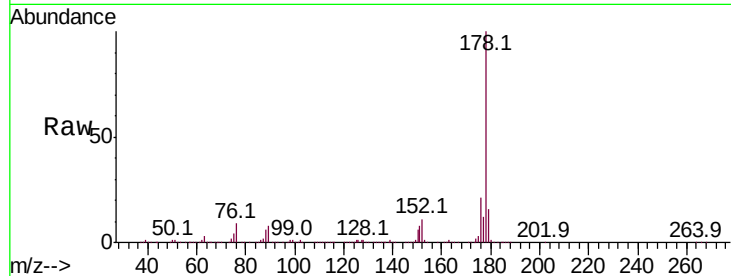
#71
Phenanthrene
Concen: 41.668 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion:178 Resp: 2174433
Ion Ratio Lower Upper
178 100
176 20.8 18.1 27.1
179 16.3 14.0 21.0

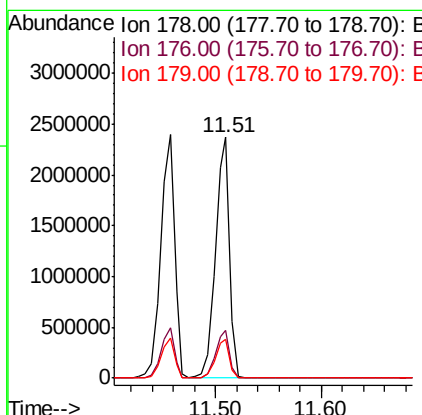
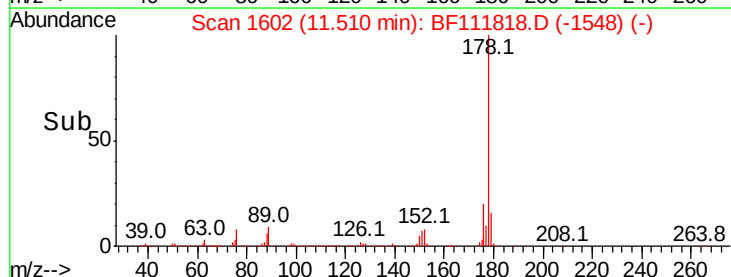
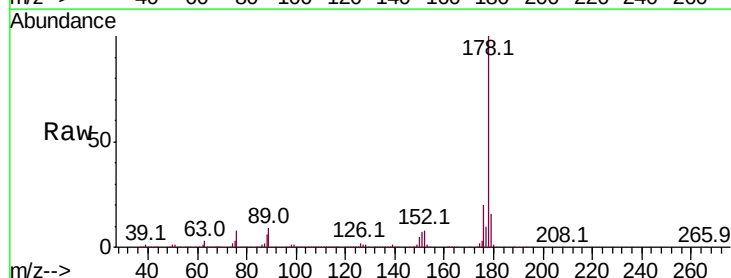
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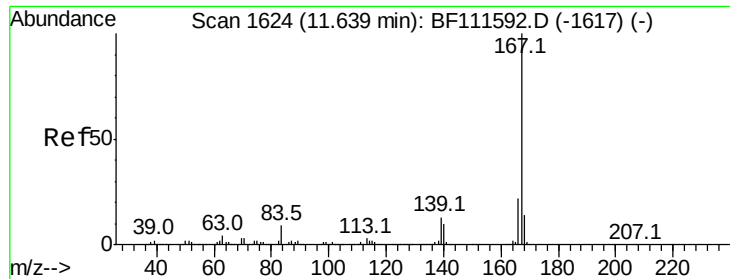
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#72
Anthracene
Concen: 42.684 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:178 Resp: 2235745
Ion Ratio Lower Upper
178 100
176 19.6 17.2 25.8
179 16.2 13.8 20.8





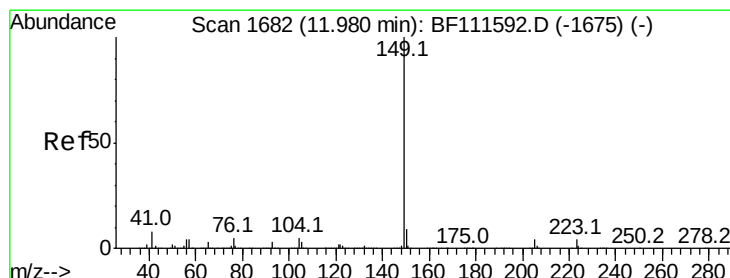
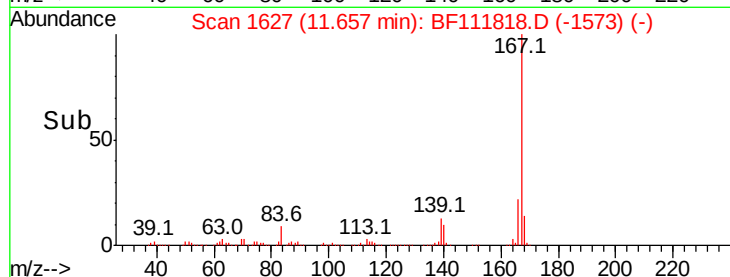
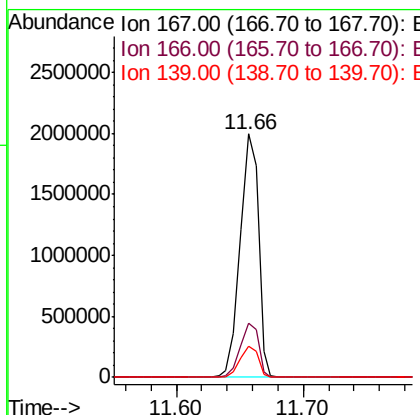
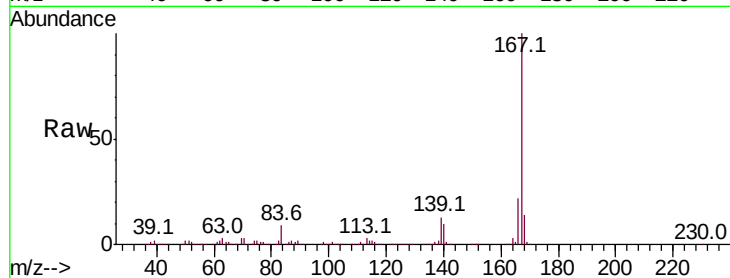
#73
 Carbazole
 Concen: 38.958 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB116115BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	12.9	11.9	17.9

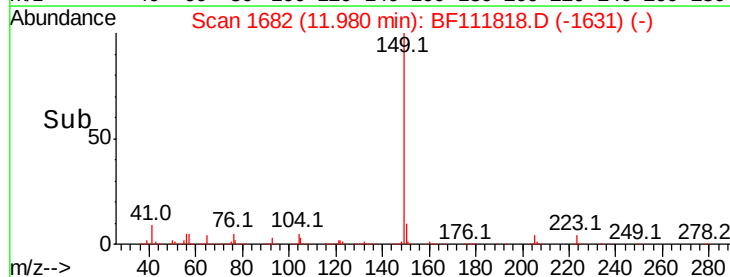
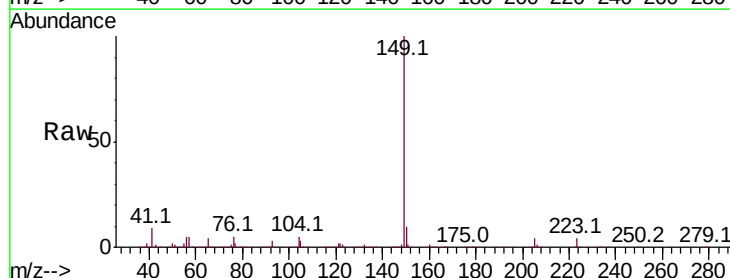
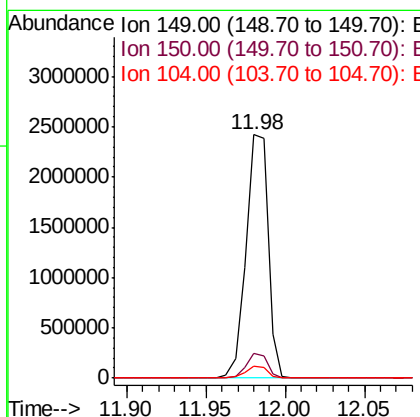
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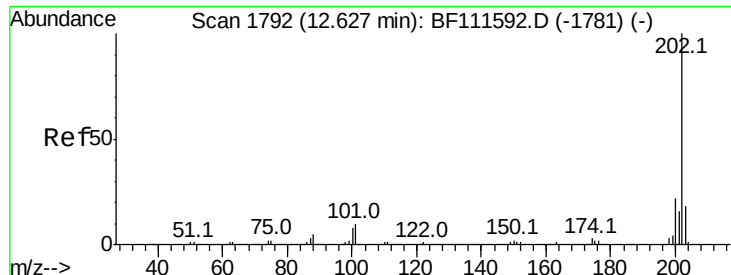
Sohil
 1/4/2019 9:56:33 AM



#74
 Di-n-butylphthalate
 Concen: 40.849 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	5.1	4.5	6.7





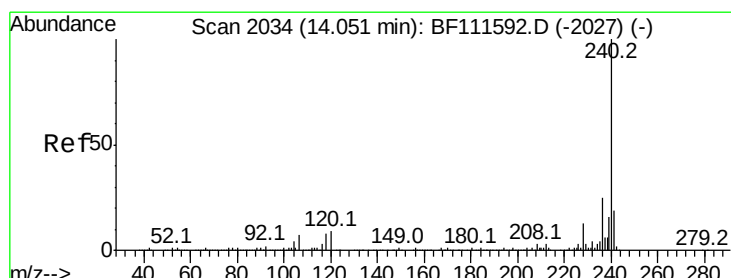
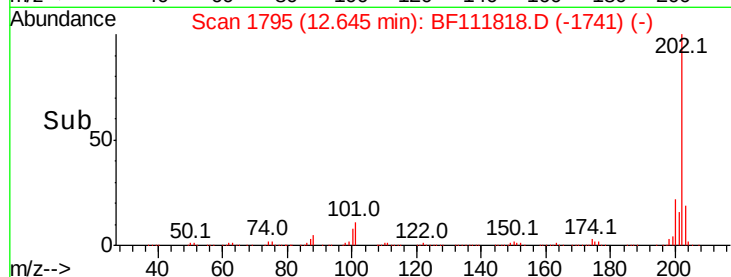
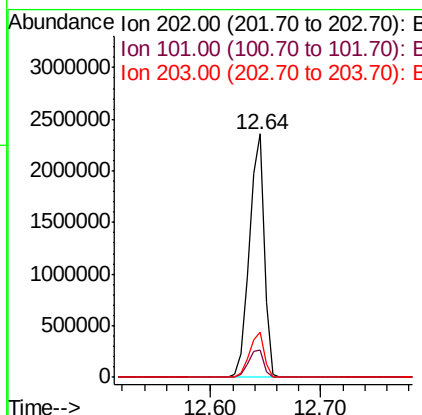
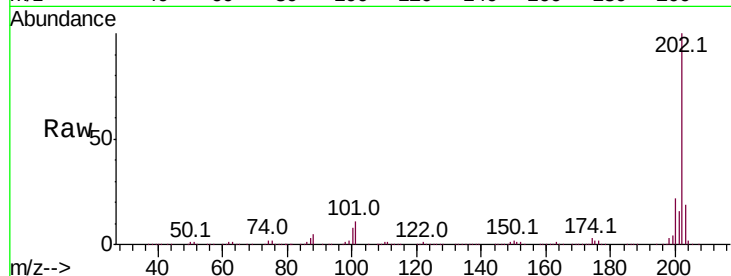
#75
Fluoranthene
Concen: 42.347 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	18.5	0.0	38.6

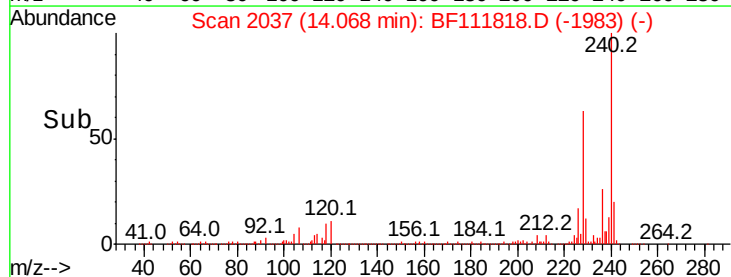
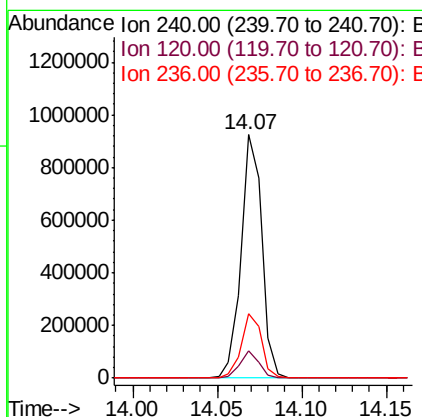
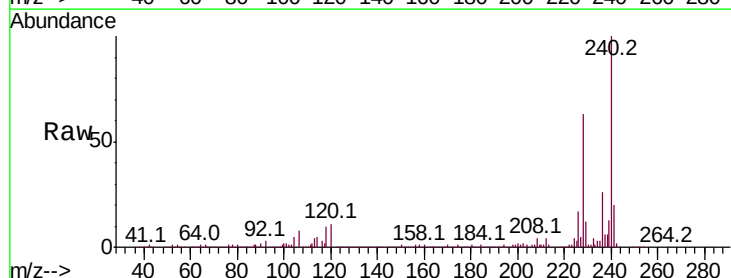
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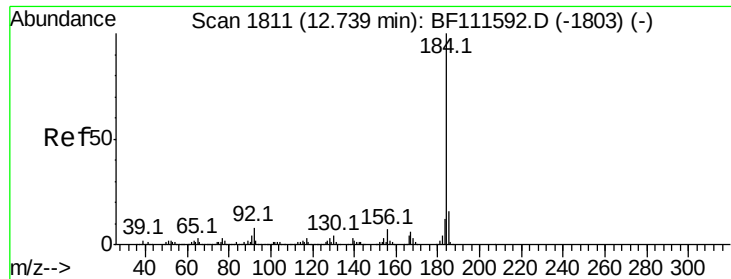
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.2	18.2#
236	26.2	20.2	30.2





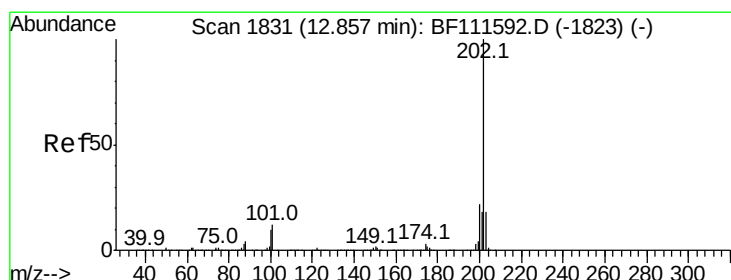
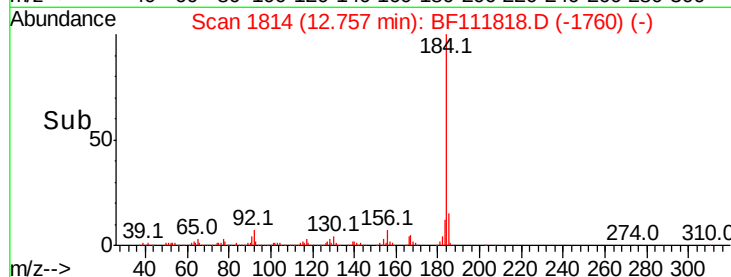
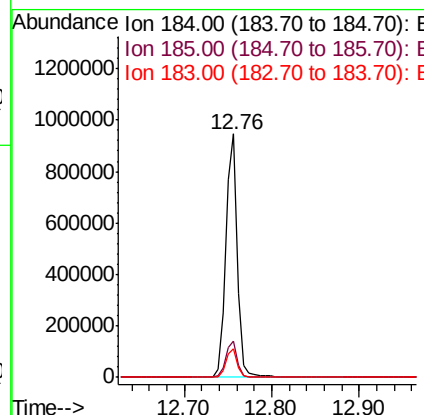
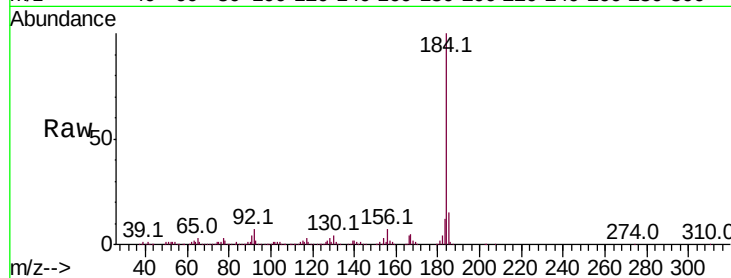
#77
Benzidine
Concen: 29.231 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	11.7	9.3	13.9

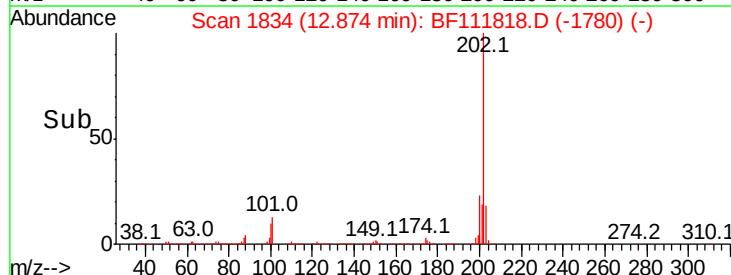
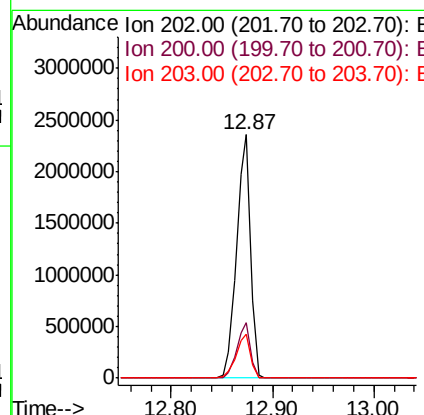
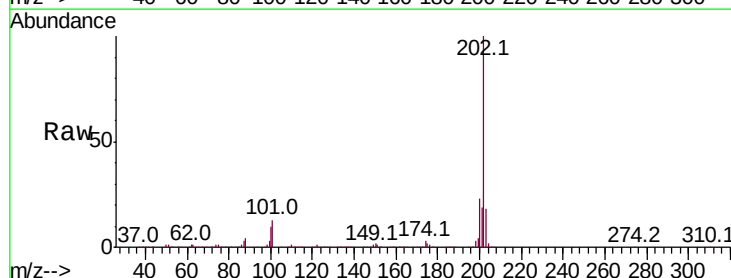
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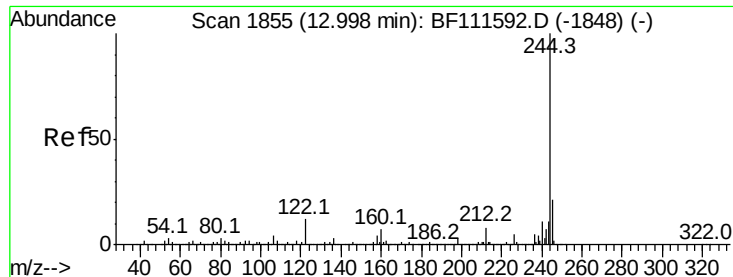
Sohil
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#78
Pyrene
Concen: 40.291 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	19.0	28.4
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 66.849 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:244 Resp: 2781670

Ion Ratio Lower Upper

244 100

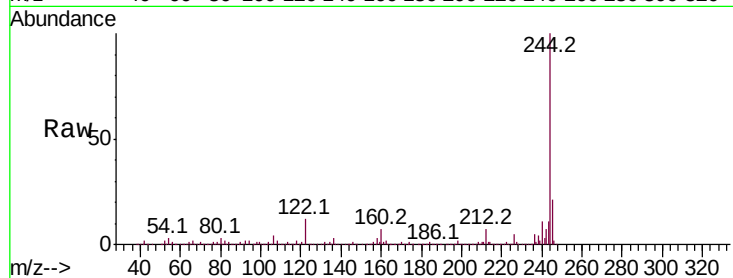
212 7.4 5.7 8.5

122 12.1 13.1 19.7#

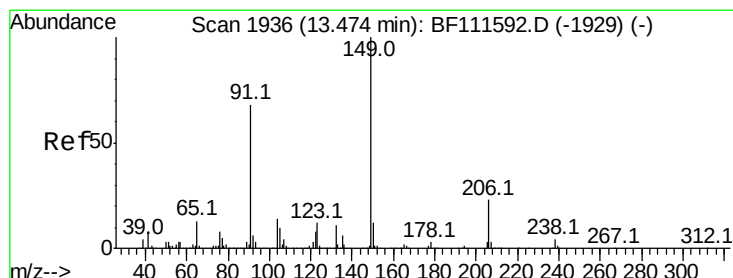
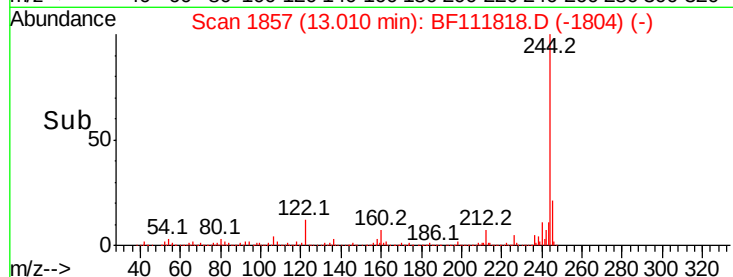
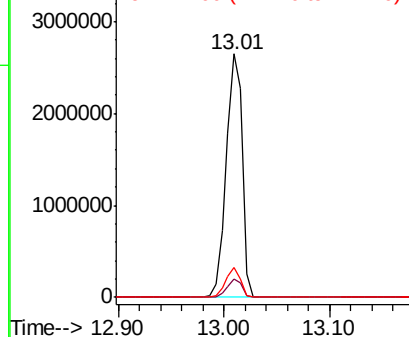
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.611 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

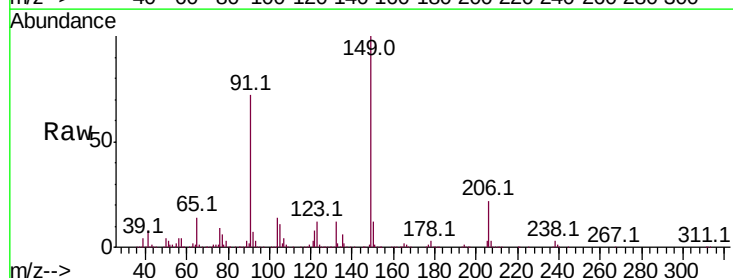
Tgt Ion:149 Resp: 967927

Ion Ratio Lower Upper

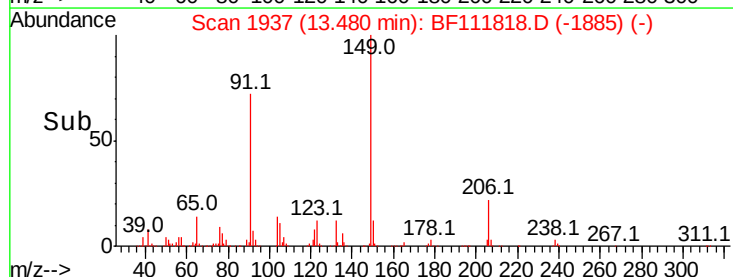
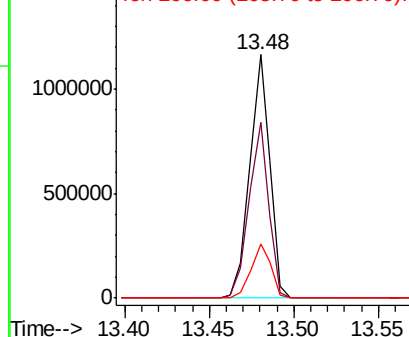
149 100

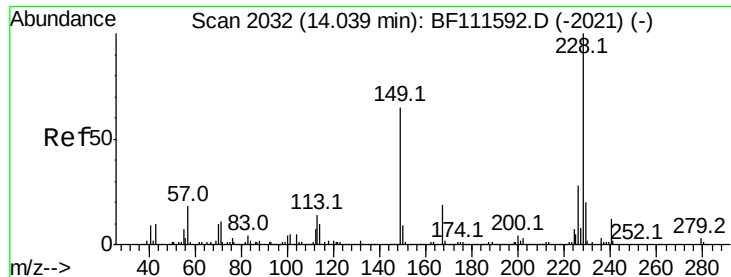
91 72.3 63.8 95.6

206 22.4 15.1 22.7



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: 43.330 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

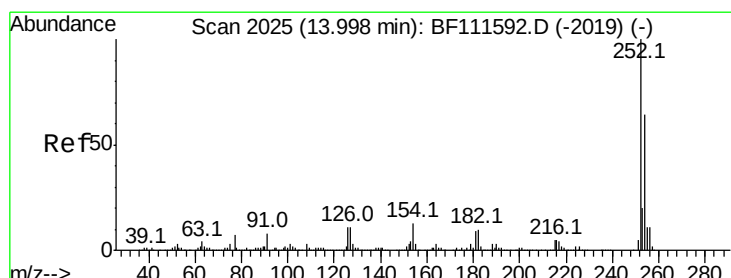
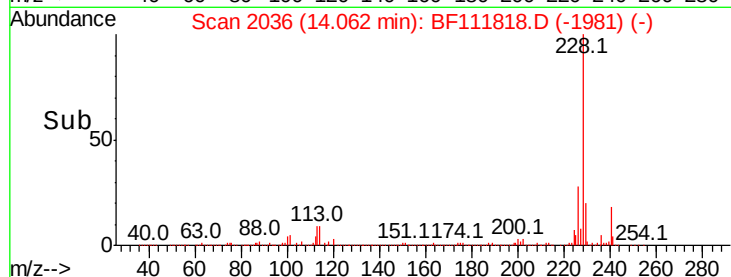
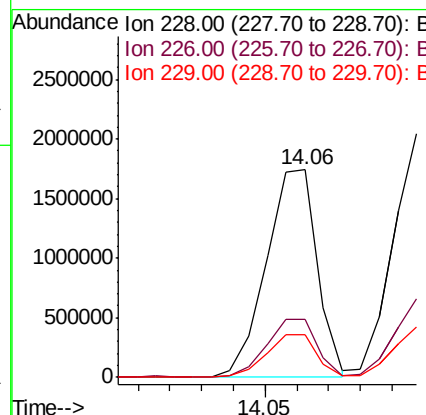
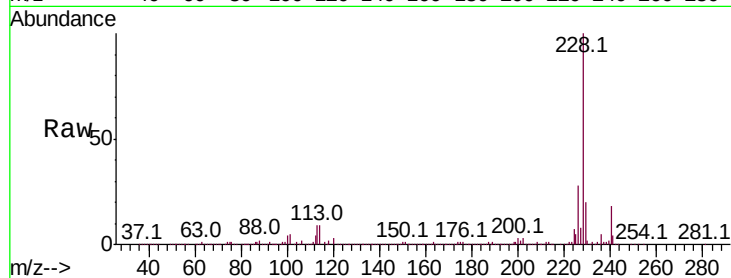
ClientSampleId :

PB116115BS

Tot Ion:	228	Resp:	1951371
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.5	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.552 ng

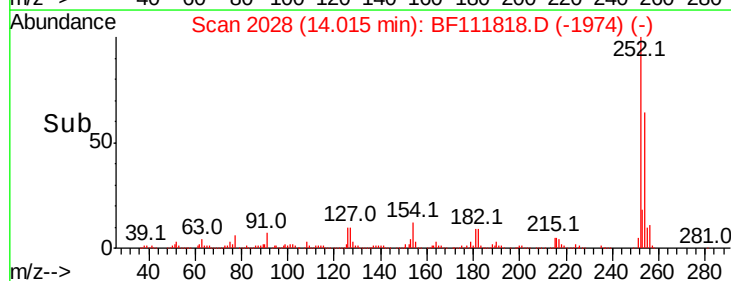
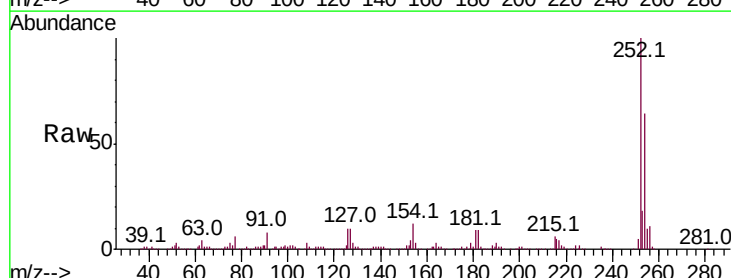
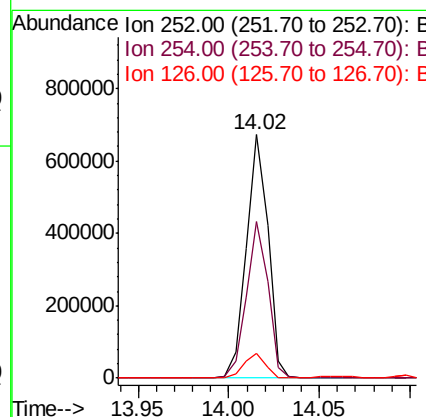
RT: 14.02 min Scan# 2028

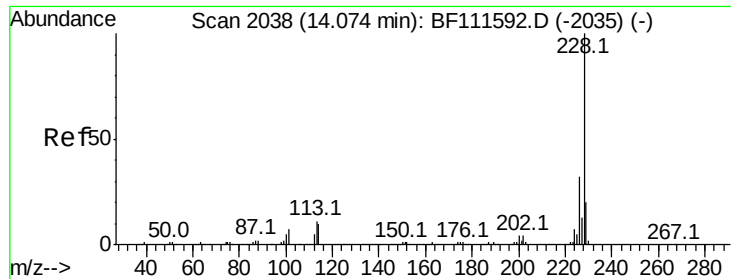
Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:	252	Resp:	561427
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.7	79.1
126	10.4	11.1	16.7#





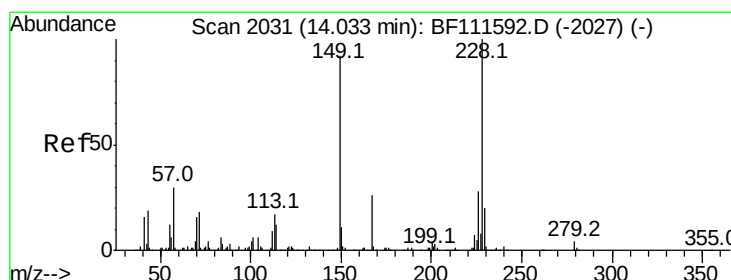
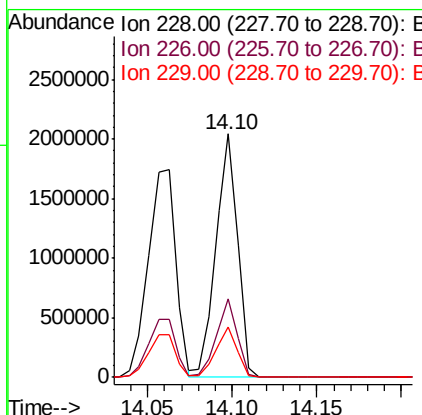
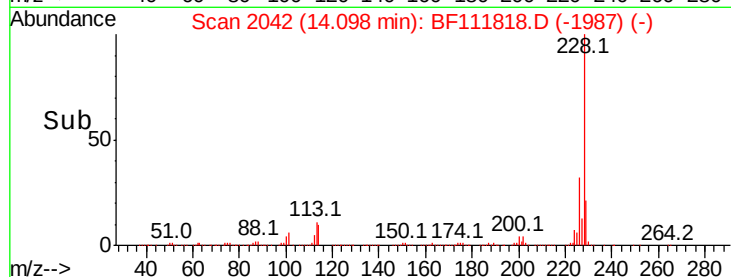
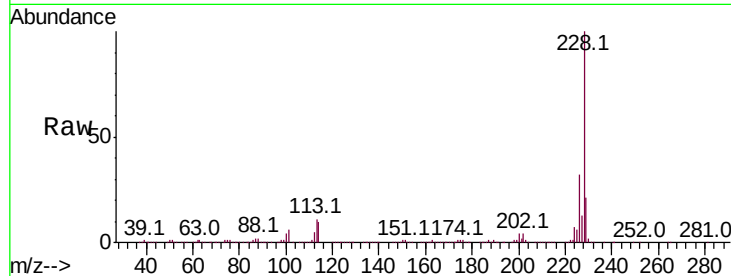
#83
 Chrysene
 Concen: 41.639 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB116115BS

Tot Ion:228 Resp: 1843063
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.3 37.9
 229 20.5 17.2 25.8

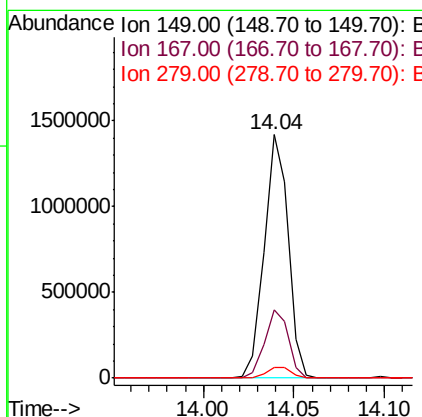
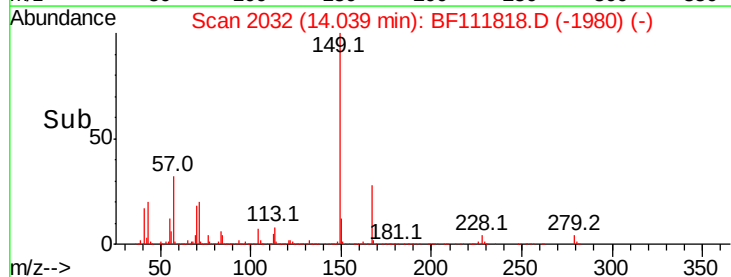
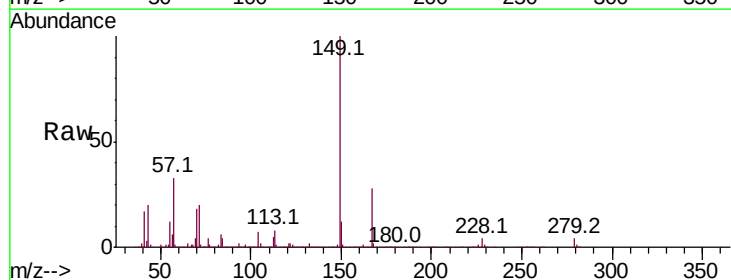
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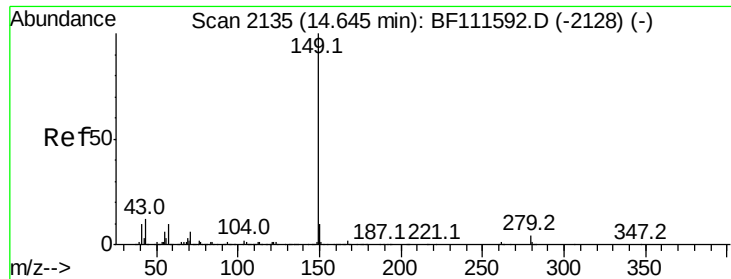
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.670 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:149 Resp: 1306734
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.5 33.7
 279 4.4 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 45.046 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB116115BS

Tot Ion:149 Resp: 1996949

Ion Ratio Lower Upper

149 100

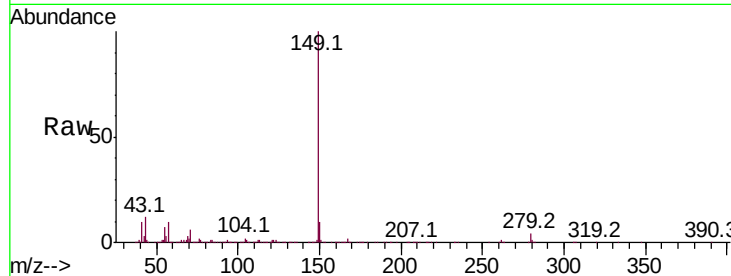
167 1.6 1.3 1.9

43 11.4 10.9 16.3

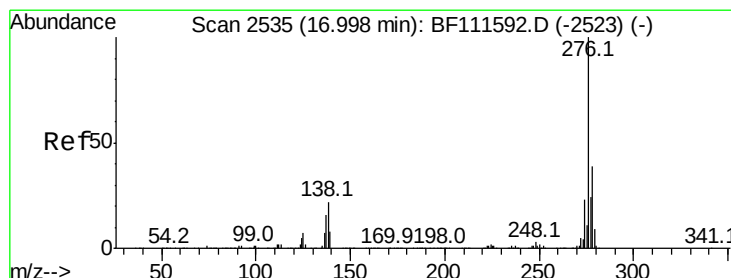
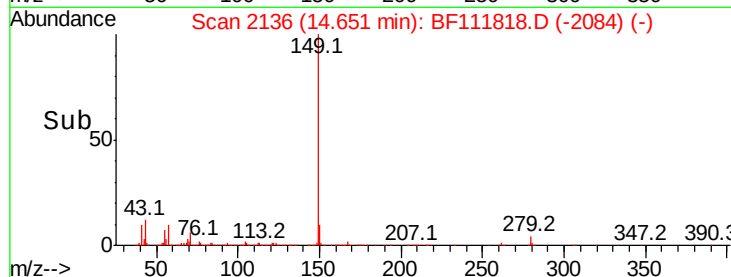
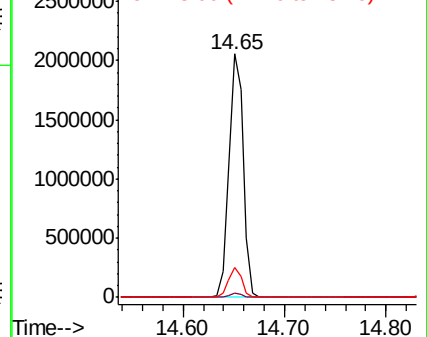
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.447 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.06 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:276 Resp: 1521928

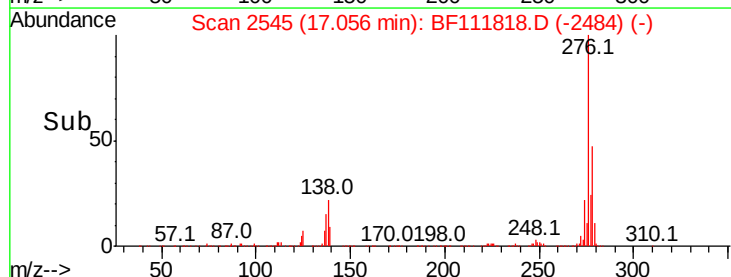
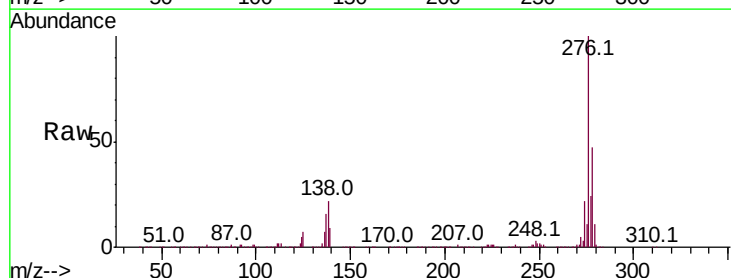
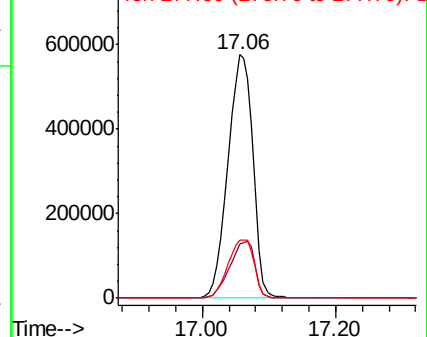
Ion Ratio Lower Upper

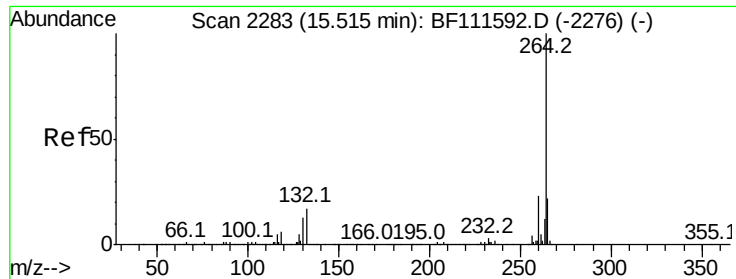
276 100

138 23.6 27.8 41.6#

277 25.0 20.1 30.1

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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

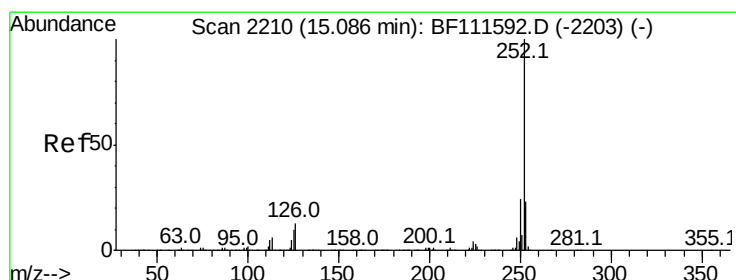
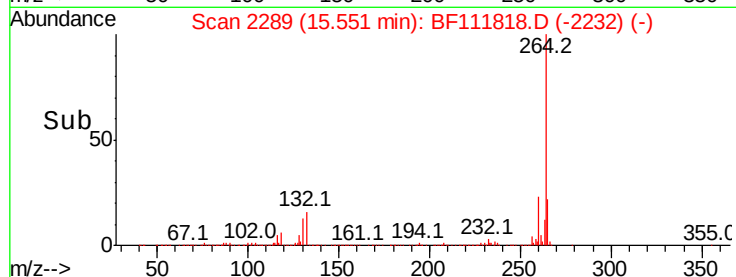
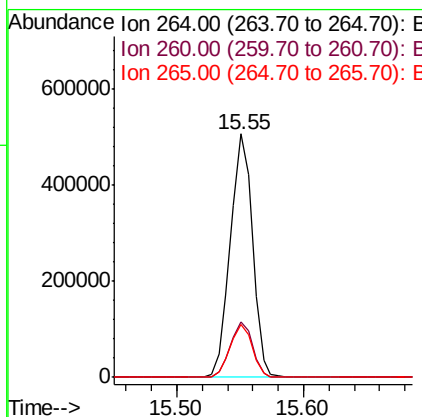
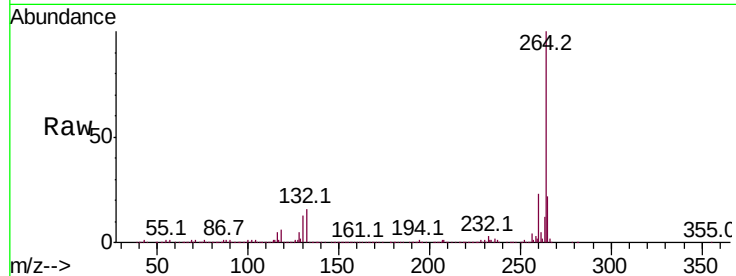
ClientSampleId :

PB116115BS

Tot Ion:	264	Resp:	611024
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.3	27.5
265	21.6	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.278 ng

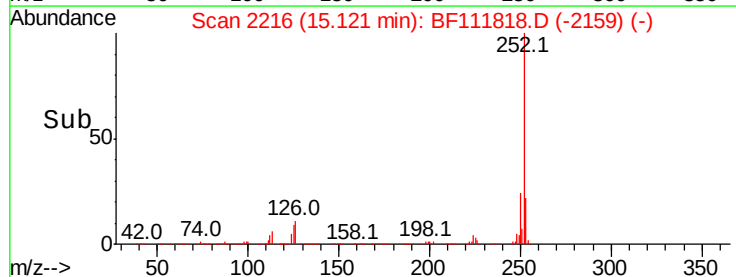
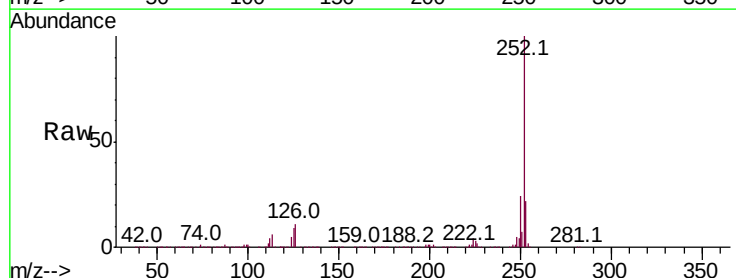
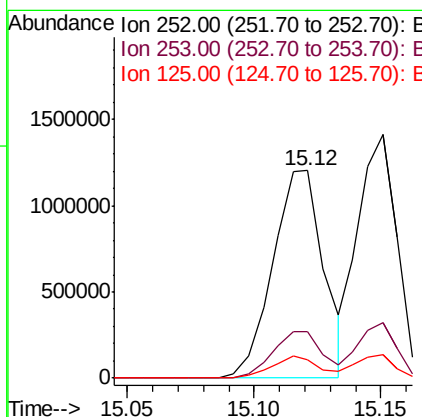
RT: 15.12 min Scan# 2216

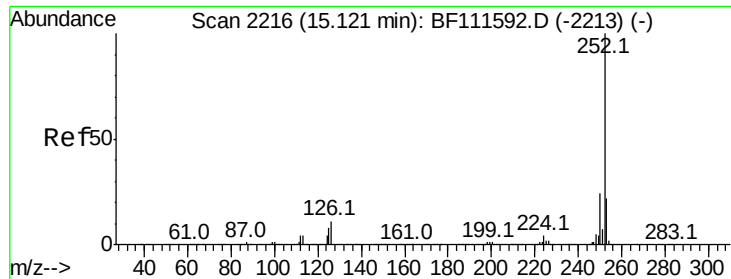
Delta R.T. 0.04 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:	252	Resp:	1688347
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	8.8	10.4	15.6#





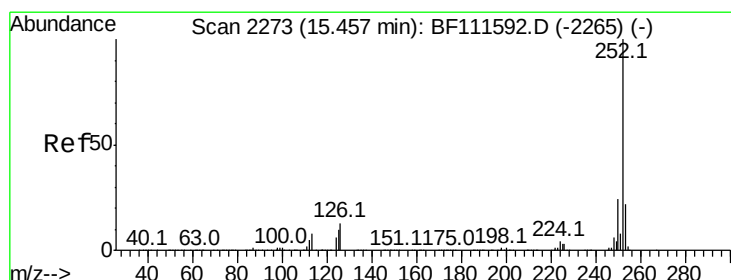
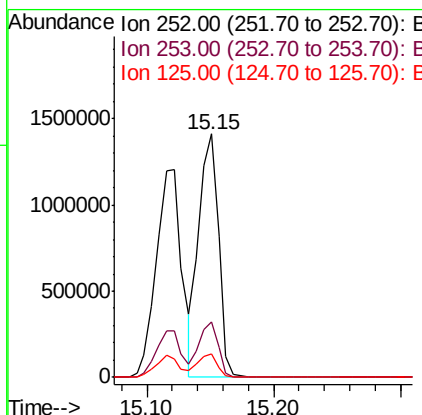
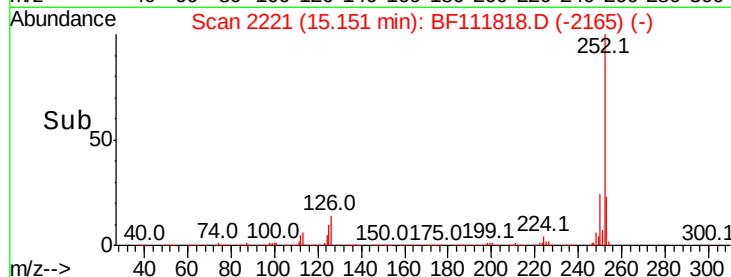
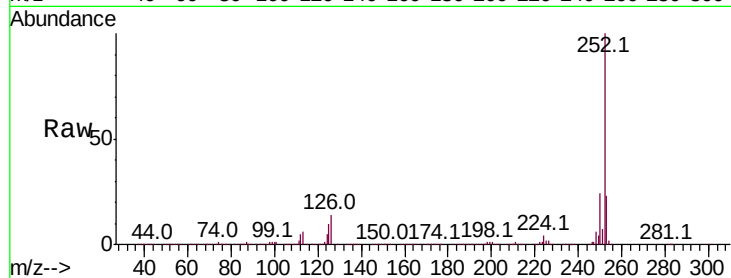
#89
Benzo(k)fluoranthene
Concen: 44.629 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.7	9.8	14.8

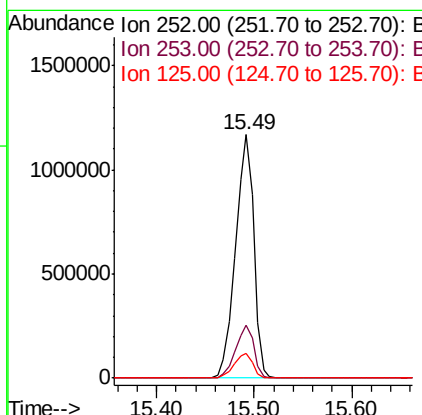
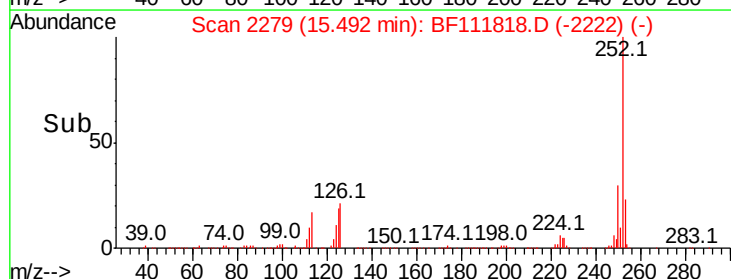
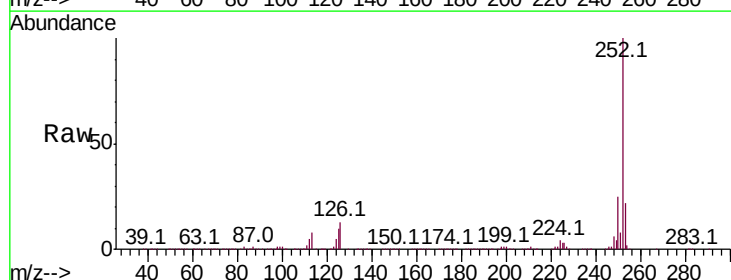
Manual Integrations
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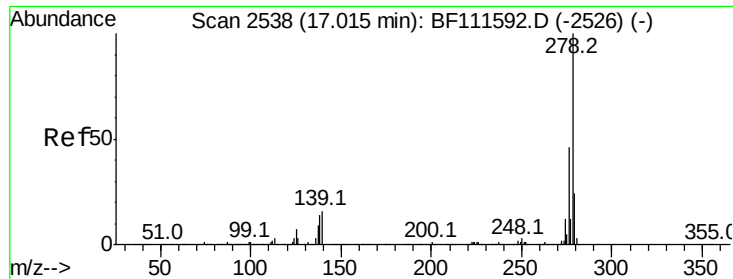
Sohil
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#90
Benzo(a)pyrene
Concen: 46.827 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	10.4	12.3	18.5





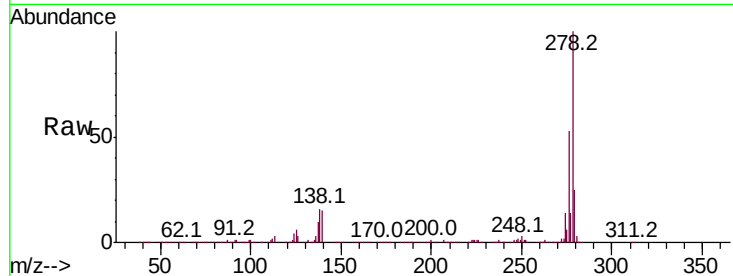
#91
Dibenzo(a,h)anthracene
Concen: 44.279 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.06 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB116115BS

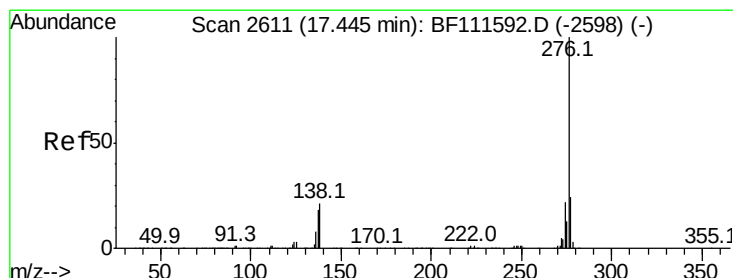
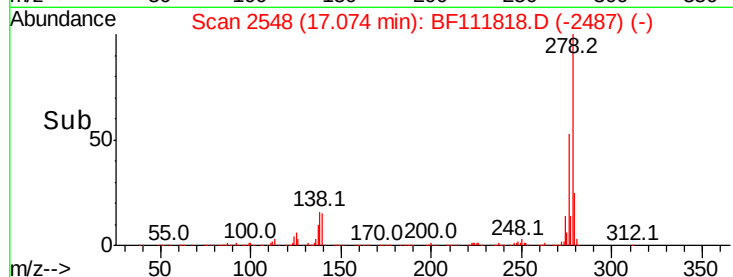
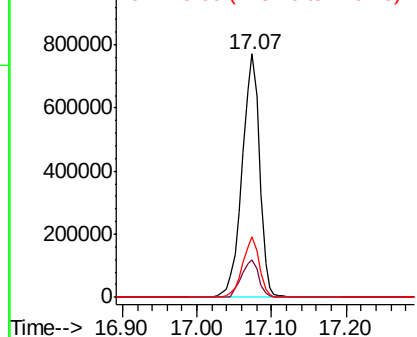
Tot Ion:278 Resp: 1257971
Ion Ratio Lower Upper
278 100
139 15.2 18.2 27.4#
279 25.1 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:33 AM

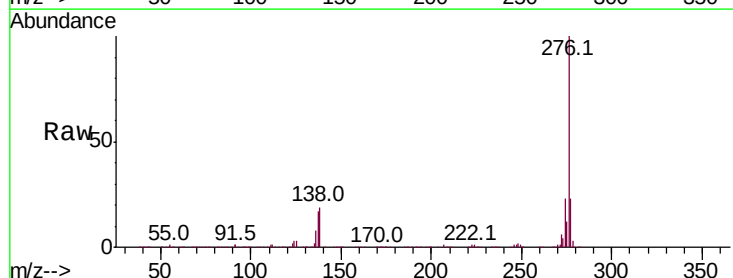


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.333 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:276 Resp: 1257612
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 19.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

