

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111516.D
 Acq On : 16 Dec 2018 18:51
 Operator : JU/SJ
 Sample : J6353-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Manual Integrations
 APPROVED

Sohil
 12/17/2018 11:19:53 AM

Quant Time: Dec 17 07:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217520	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	860487	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	354960	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	500945	20.00	ng	0.00
76) Chrysene-d12	13.96	240	305753	20.00	ng	0.00
87) Perylene-d12	15.40	264	202970	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1464902	112.07	ng	0.01
7) Phenol-d6	6.45	99	1750972	100.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1397528	96.71	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	329669	103.68	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2145502	93.36	ng	0.00
79) Terphenyl-d14	12.90	244	1487797	114.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	168944	26.760	ng	97
3) Pyridine	3.27	79	414382	26.134	ng	94
4) n-Nitrosodimethylamine	3.20	42	244228	33.910	ng	83
6) Aniline	6.46	93	217212	10.071	ng	# 1
8) 2-Chlorophenol	6.59	128	574304	36.771	ng	96
9) Benzaldehyde	6.33	77	223433	21.186	ng	98
10) Phenol	6.46	94	831063	42.906	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	502406	33.088	ng	98
12) 1,3-Dichlorobenzene	6.73	146	705421	41.030	ng	98
13) 1,4-Dichlorobenzene	6.81	146	705300	40.416	ng	99
14) 1,2-Dichlorobenzene	6.96	146	667245	40.643	ng	99
15) Benzyl Alcohol	6.94	79	554314	41.898	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1177316	39.712	ng	74
17) 2-Methylphenol	7.06	107	543293	43.222	ng	# 91
18) Hexachloroethane	7.30	117	245295	37.770	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	465349	40.566	ng	99
20) 3+4-Methylphenols	7.22	107	709425	44.994	ng	# 63
22) Acetophenone	7.20	105	969006	50.446	ng	# 86
24) Nitrobenzene	7.37	77	670297	45.472	ng	95
25) Isophorone	7.62	82	1265951	51.777	ng	99
26) 2-Nitrophenol	7.69	139	286816	37.519	ng	91
27) 2,4-Dimethylphenol	7.74	122	604561	54.551	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	845379	50.085	ng	97
29) 2,4-Dichlorophenol	7.94	162	535332	45.250	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	540019	43.604	ng	99
31) Naphthalene	8.10	128	1953342	48.534	ng	97
32) Benzoic acid	7.87	122	23081m	2.410	ng	
33) 4-Chloroaniline	8.15	127	157557	8.804	ng	# 92
34) Hexachlorobutadiene	8.22	225	284529	41.700	ng	98
35) Caprolactam	8.52	113	179190	40.795	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	540577	41.512	ng	98
37) 2-Methylnaphthalene	8.79	142	1261057	46.304	ng	99
38) 1-Methylnaphthalene	8.89	142	1157766	44.004	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	468459	48.124	ng	97

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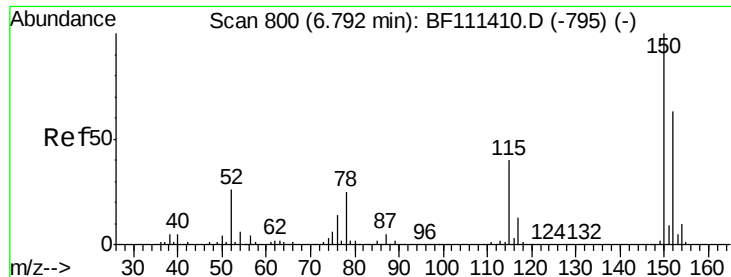
Manual Integrations
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Quant Time: Dec 17 07:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	54611	10.927	nq	97
43) 2,4,6-Trichlorophenol	9.07	196	293364	42.580	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	302552	41.268	nq	92
46) 1,1'-Biphenyl	9.25	154	1367828	45.478	nq	96
47) 2-Chloronaphthalene	9.27	162	1067220	46.682	nq	96
48) 2-Nitroaniline	9.37	65	346708	46.708	nq	94
49) Acenaphthylene	9.69	152	1601900	47.206	nq	95
50) Dimethylphthalate	9.55	163	1427692	55.849	nq	99
51) 2,6-Dinitrotoluene	9.61	165	259402	45.081	nq	90
52) Acenaphthene	9.86	154	901889	42.049	nq	98
53) 3-Nitroaniline	9.78	138	185077	26.481	nq	91
54) 2,4-Dinitrophenol	9.89	184	2049	0.936	nq #	1
55) Dibenzofuran	10.03	168	1360331	43.694	nq	96
56) 4-Nitrophenol	9.96	139	325939	67.387	nq	87
57) 2,4-Dinitrotoluene	10.02	165	314517	41.645	nq #	95
58) Fluorene	10.37	166	981901	43.482	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201065	35.101	nq	96
60) Diethylphthalate	10.25	149	1138423	43.964	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	450357	40.763	nq	99
62) 4-Nitroaniline	10.39	138	257295	37.188	nq	95
63) Azobenzene	10.53	77	1038104	40.665	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	8046	2.845	nq #	70
66) n-Nitrosodiphenylamine	10.49	169	890246	51.534	nq	96
67) 4-Bromophenyl-phenylether	10.86	248	262997	48.711	nq	98
68) Hexachlorobenzene	10.93	284	254660	45.853	nq #	91
69) Atrazine	11.02	200	254019	50.881	nq	99
70) Pentachlorophenol	11.12	266	214793	63.055	nq	95
71) Phenanthrene	11.34	178	1265859	49.040	nq	94
72) Anthracene	11.39	178	1301386	49.298	nq	95
73) Carbazole	11.55	167	1190962	43.628	nq	96
74) Di-n-butylphthalate	11.87	149	1518762	49.956	nq	96
75) Fluoranthene	12.53	202	1217529	48.214	nq	98
77) Benzidine	12.65	184	195138	17.362	nq	97
78) Pyrene	12.76	202	1240494	57.546	nq	96
80) Butylbenzylphthalate	13.37	149	627273	59.699	nq	95
81) Benzo(a)anthracene	13.95	228	794564	47.793	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	168293	24.901	nq #	96
83) Chrysene	13.98	228	829453	47.361	nq	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	985052	73.399	nq	99
85) Di-n-octyl phthalate	14.55	149	1196896	52.873	nq #	85
86) Indeno(1,2,3-cd)pyrene	16.82	276	510124	40.358	nq #	92
88) Benzo(b)fluoranthene	14.99	252	610646	51.603	nq #	95
89) Benzo(k)fluoranthene	15.01	252	556618	49.228	nq #	94
90) Benzo(a)pyrene	15.34	252	525837	49.277	nq #	97
91) Dibenzo(a,h)anthracene	16.84	278	427020	50.729	nq	97
92) Benzo(g,h,i)perylene	17.25	276	607968	73.581	nq	96

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



#1

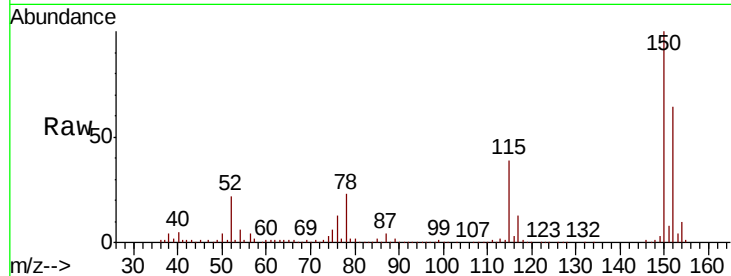
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	60.6	50.7	76.1

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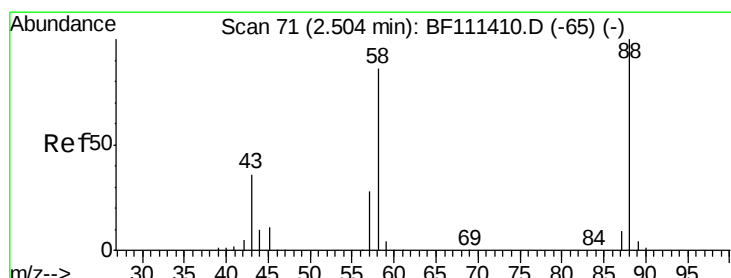
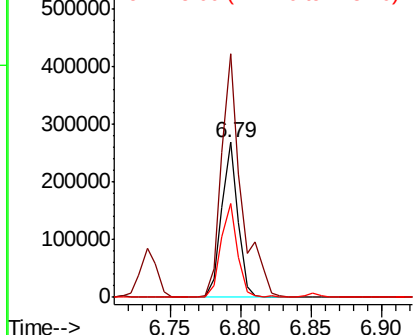
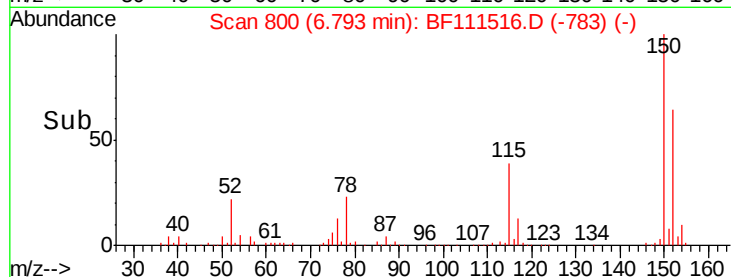


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

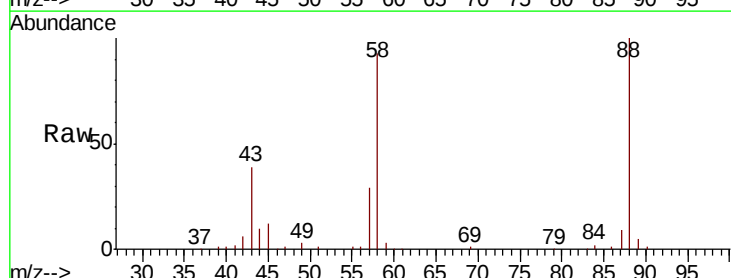
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.760 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	68.9	103.3
43	37.0	25.8	38.6

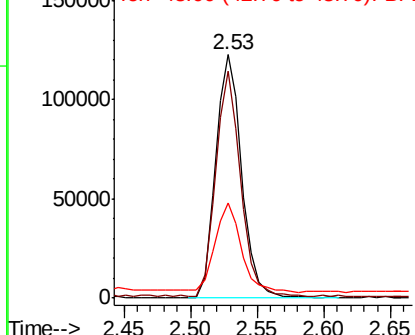
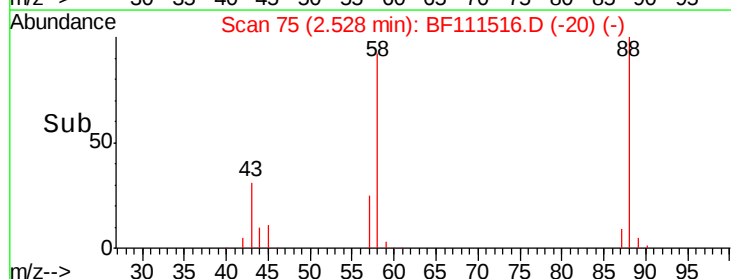


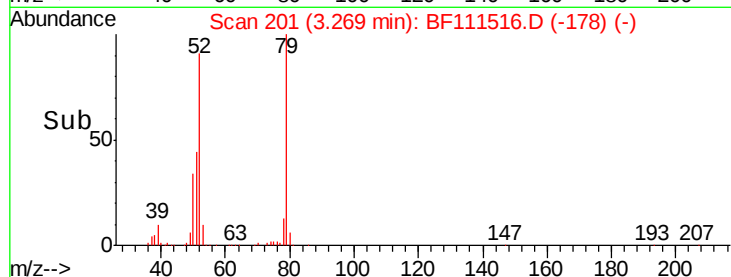
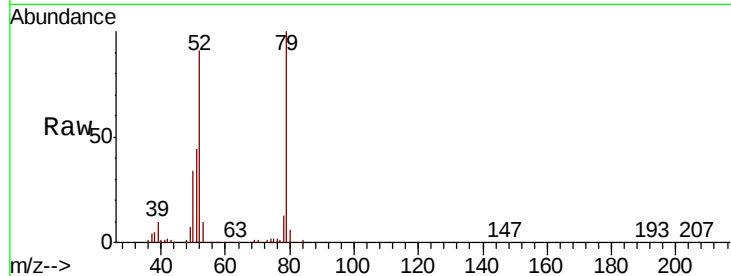
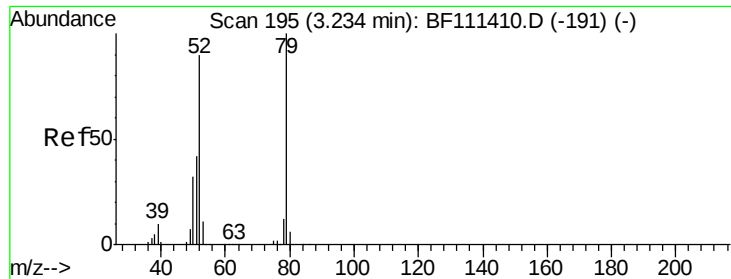
Abundance

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





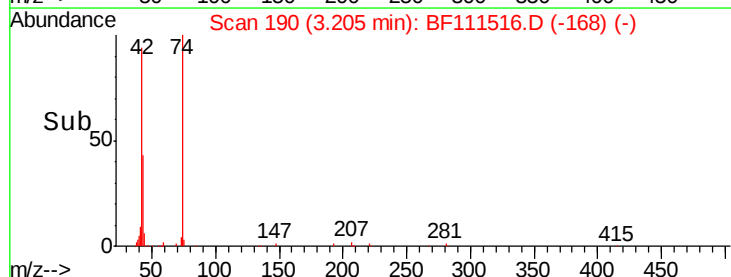
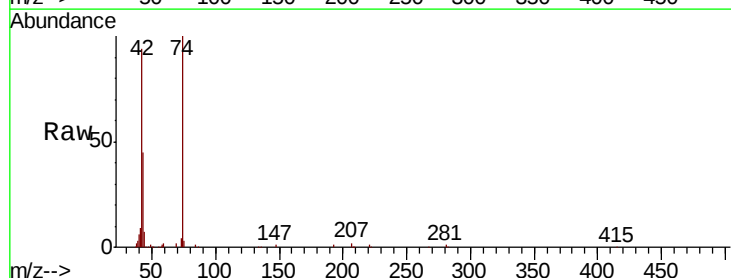
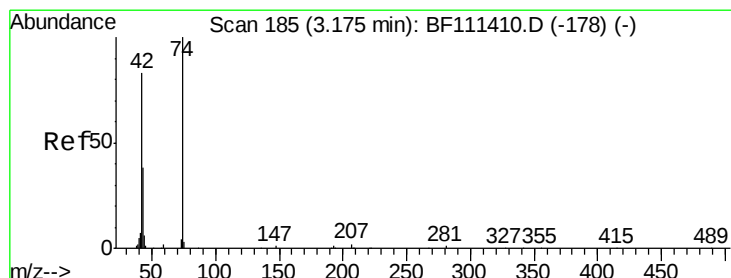
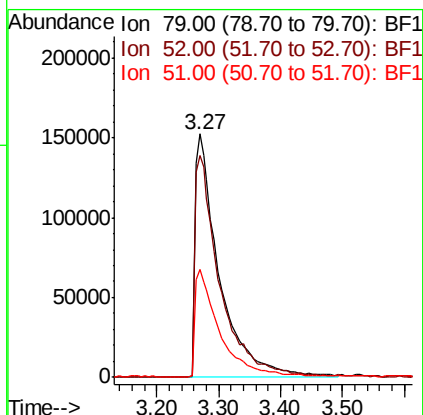
#3
 Pvridine
 Concen: 26.134 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.04 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.2	68.3	102.5
51	44.2	32.6	49.0

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

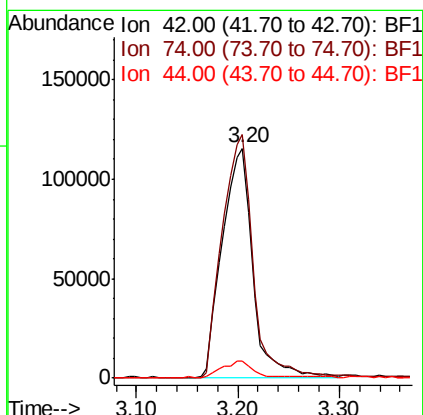
Manual Integrations
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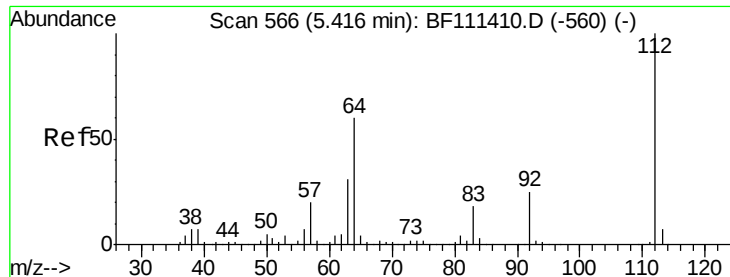
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#4
 n-Nitrosodimethylamine
 Concen: 33.910 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.03 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.0	101.5	152.3
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 112.067 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tot Ion: 112 Resp: 1464902

Ion Ratio Lower Upper

112 100

64 57.8 51.8 77.6

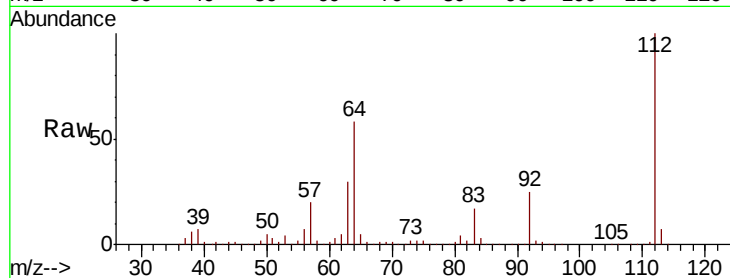
63 29.8 26.8 40.2

Manual Integrations

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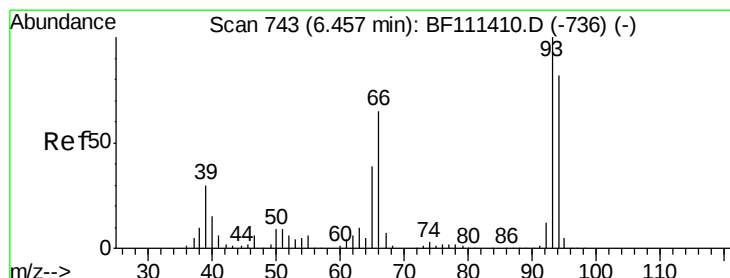
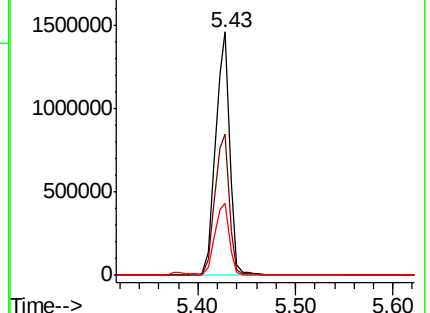
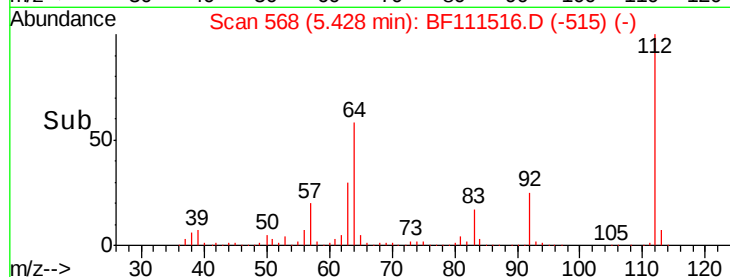
12/17/2018 11:19:53 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

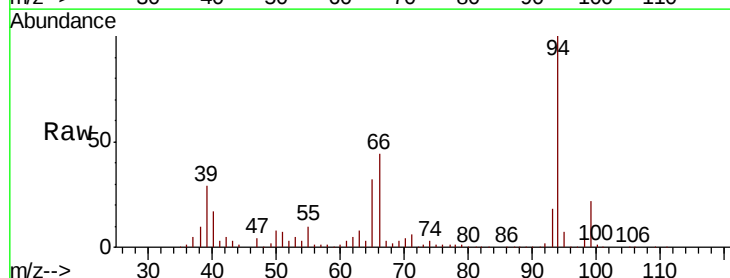
Tgt Ion: 93 Resp: 217212

Ion Ratio Lower Upper

93 100

66 239.9 33.2 49.8#

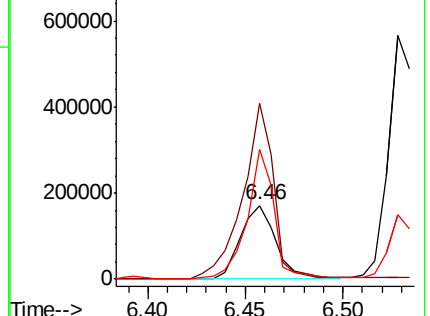
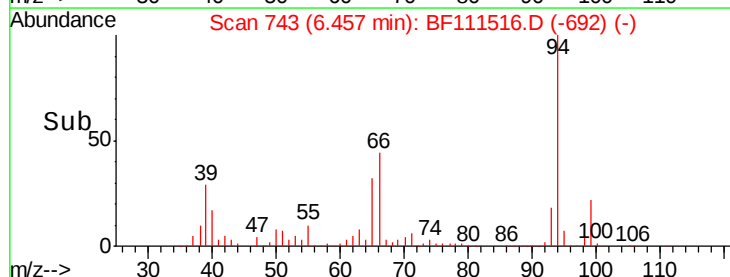
65 176.8 17.0 25.4#

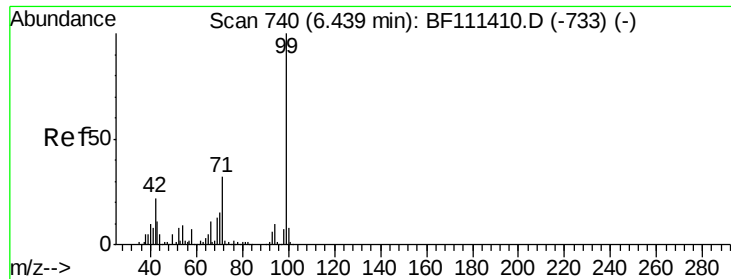


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.702 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tot Ion: 99 Resp: 1750972

Ion Ratio Lower Upper

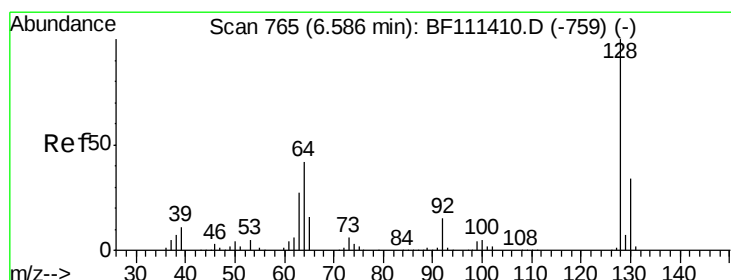
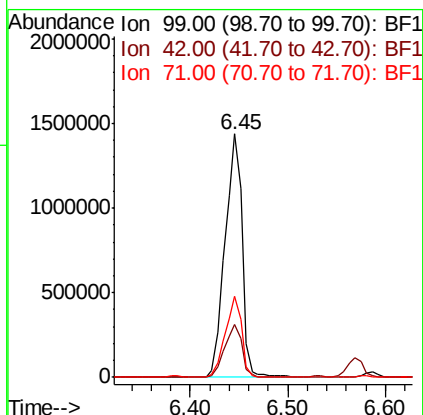
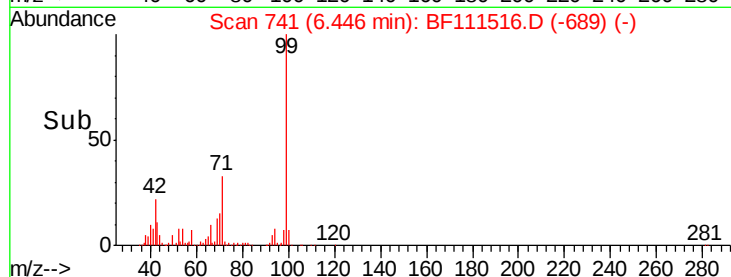
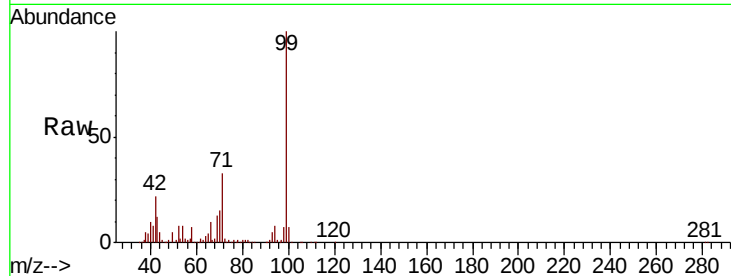
99 100

42 22.0 17.4 26.0

71 33.2 26.1 39.1

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#8

2-Chlorophenol

Concen: 36.771 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

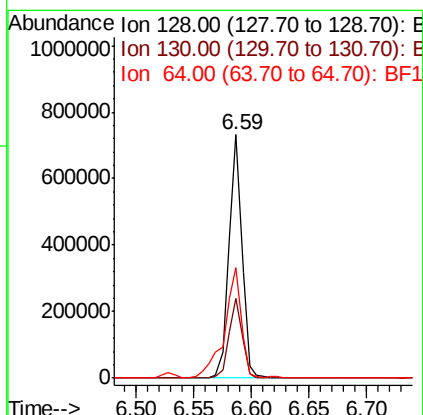
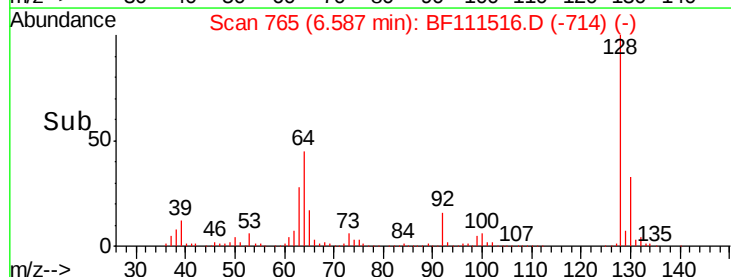
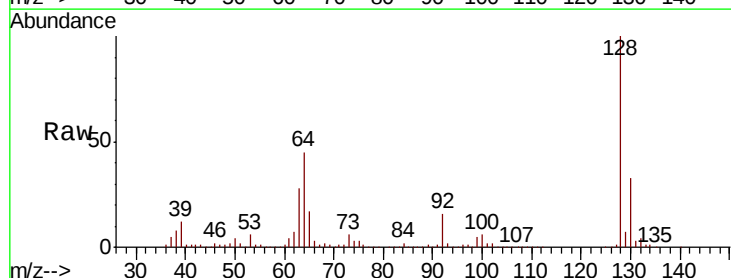
Tgt Ion: 128 Resp: 574304

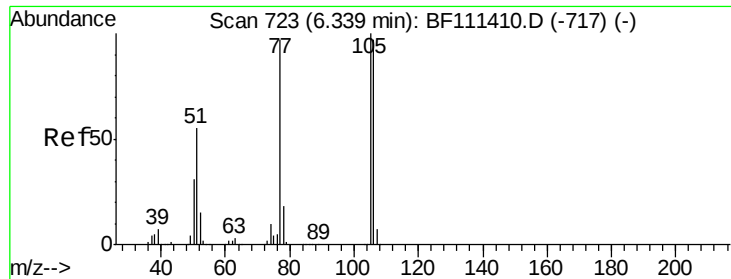
Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 45.2 30.0 70.0





#9

Benzaldehyde

Concen: 21.186 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

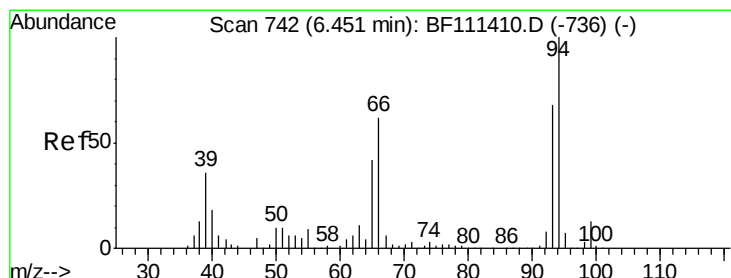
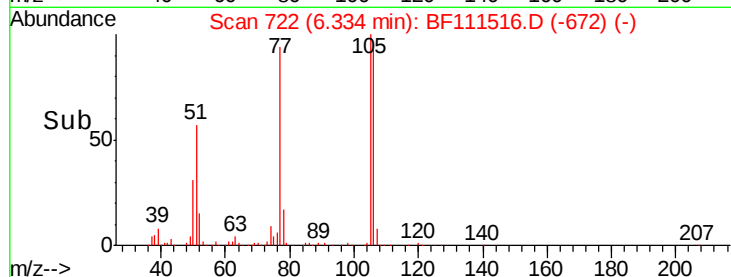
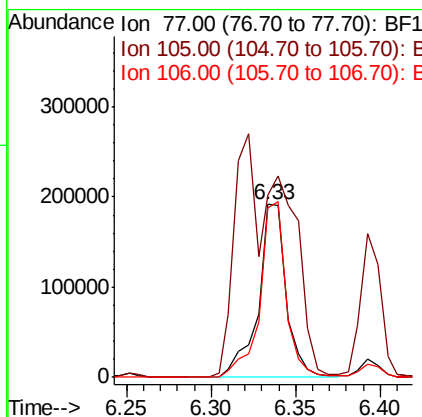
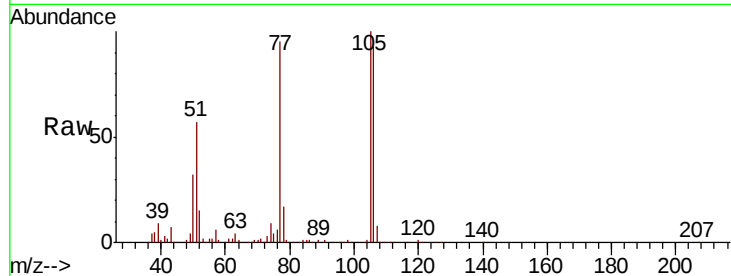
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:	77	Resp:	223433
Ion	Ratio	Lower	Upper
77	100		
105	105.8	81.4	121.4
106	98.4	77.9	117.9

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#10

Phenol

Concen: 42.906 ng

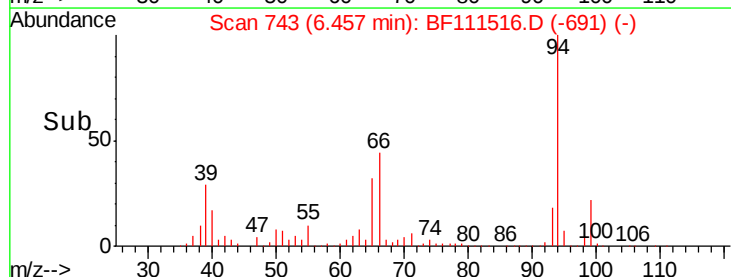
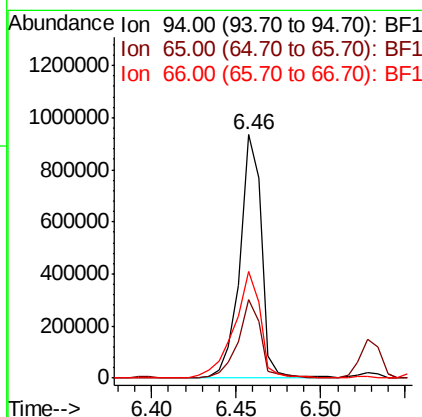
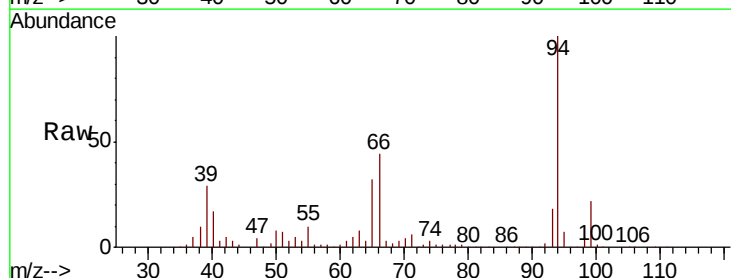
RT: 6.46 min Scan# 743

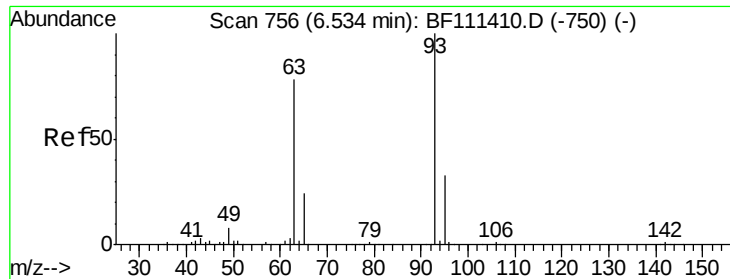
Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:	94	Resp:	831063
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.7	51.7
66	43.8	21.0	61.0





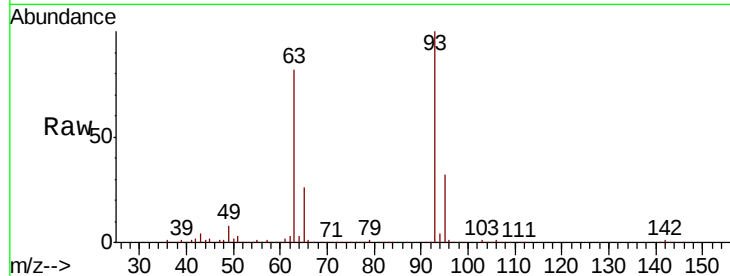
#11
bis(2-Chloroethyl)ether
Concen: 33.088 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

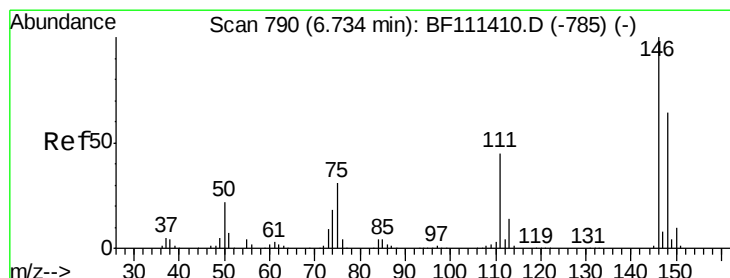
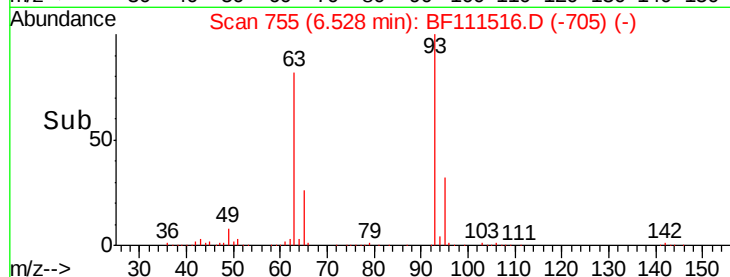
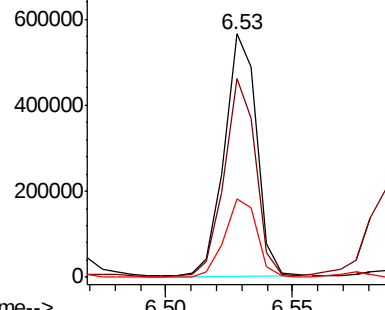
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	81.5	60.0	100.0	
95	32.4	13.4	53.4	

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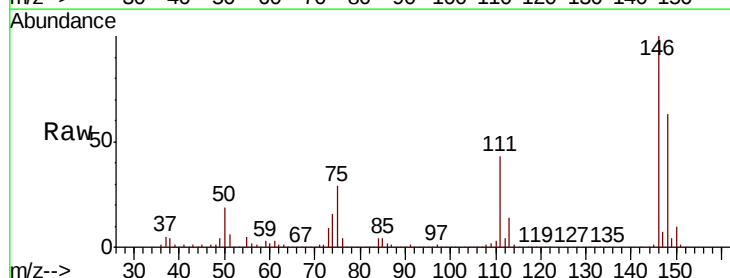


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

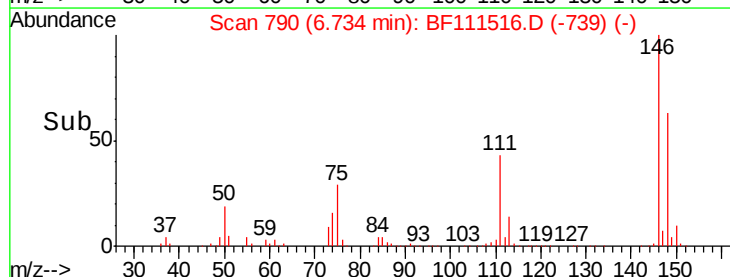
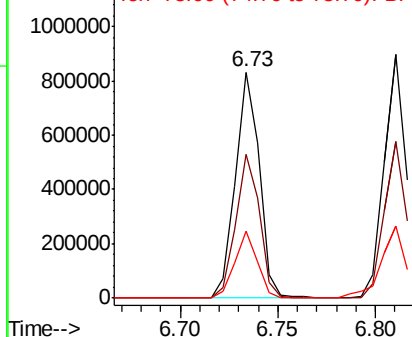


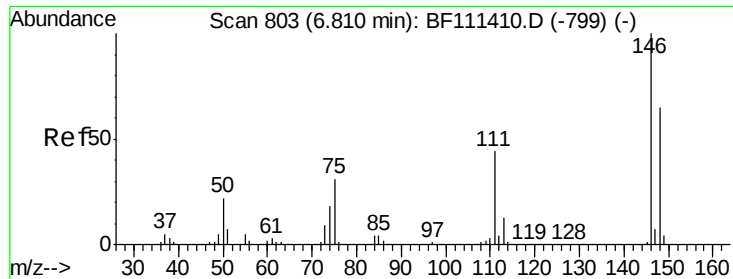
#12
1,3-Dichlorobenzene
Concen: 41.030 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.5	52.1	78.1	
75	29.4	23.9	35.9	



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





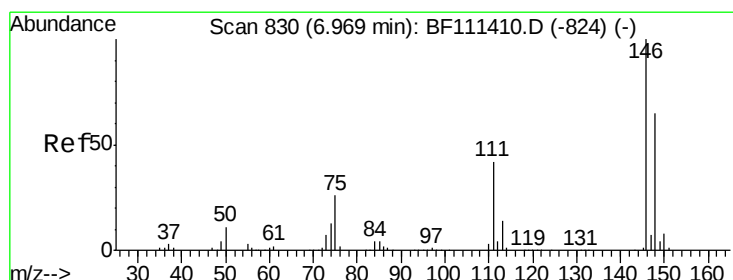
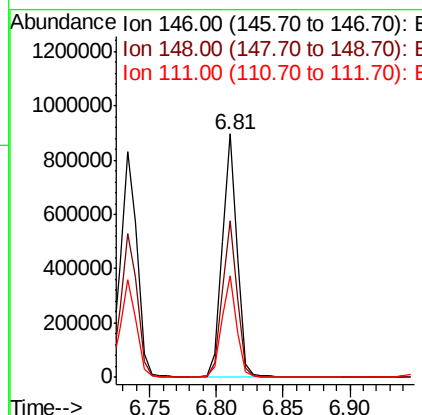
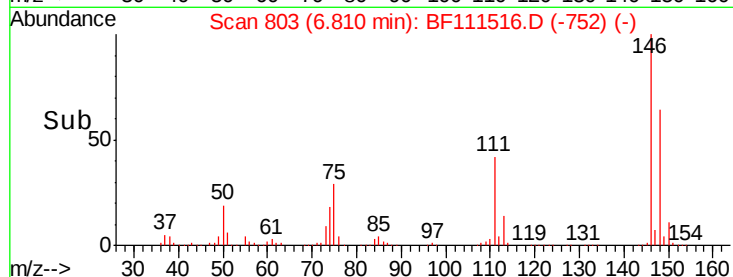
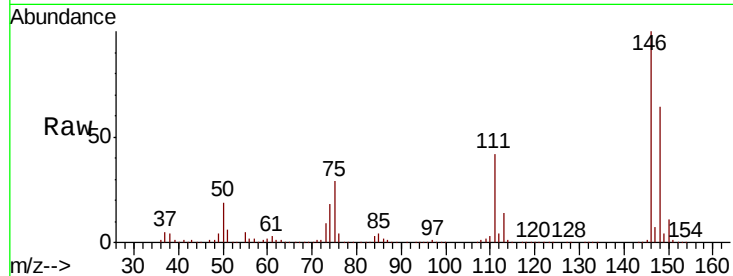
#13
1,4-Dichlorobenzene
Concen: 40.416 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
111	41.7	33.4	50.0

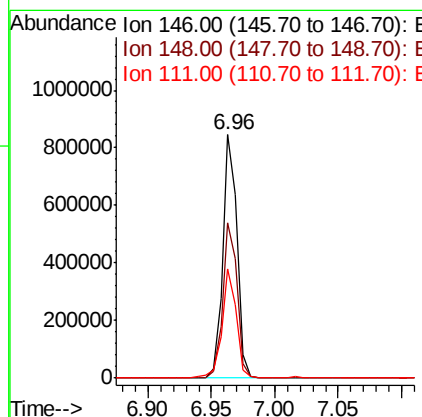
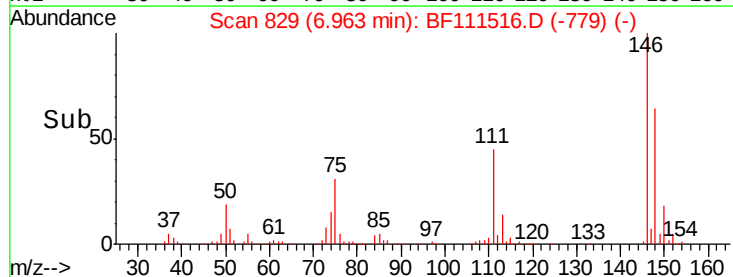
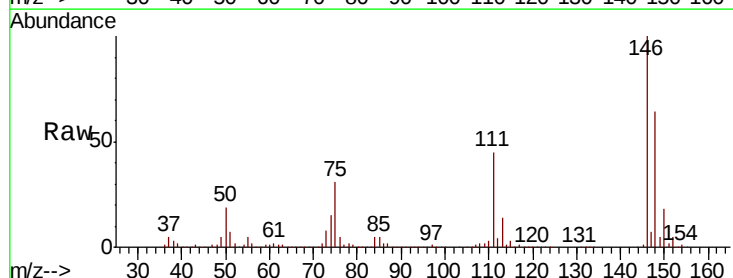
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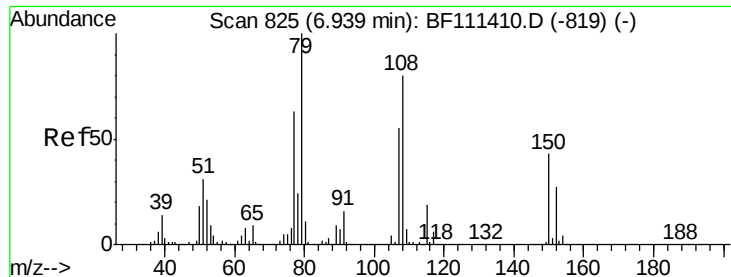
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#14
1,2-Dichlorobenzene
Concen: 40.643 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	44.7	36.2	54.4





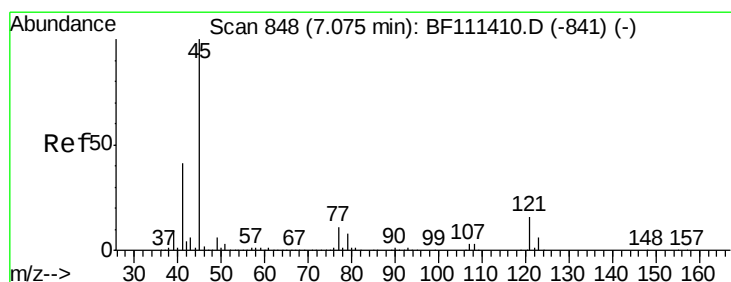
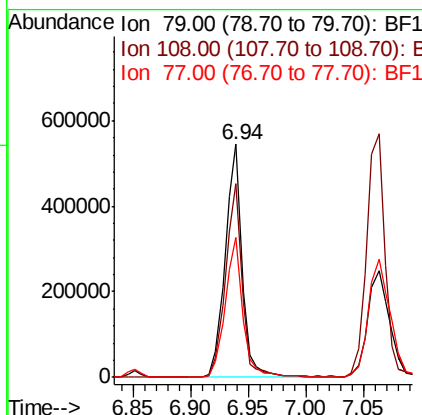
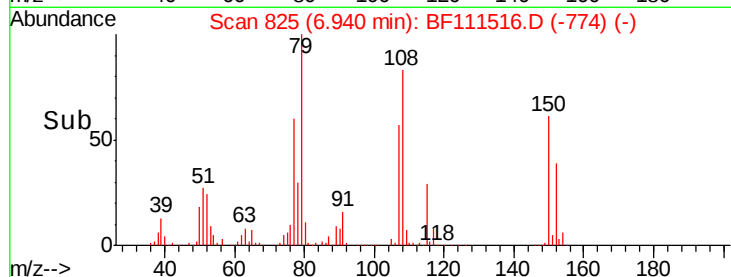
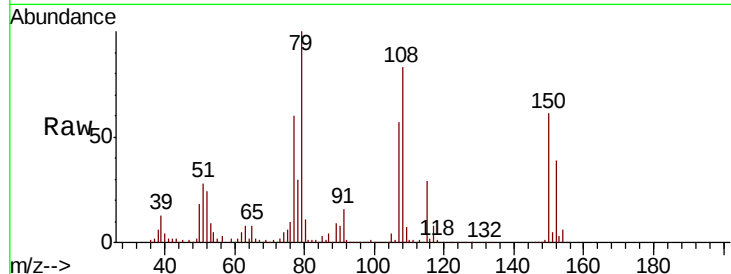
#15
Benzyl Alcohol
Concen: 41.898 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	69.4	104.2
77	60.2	49.7	74.5

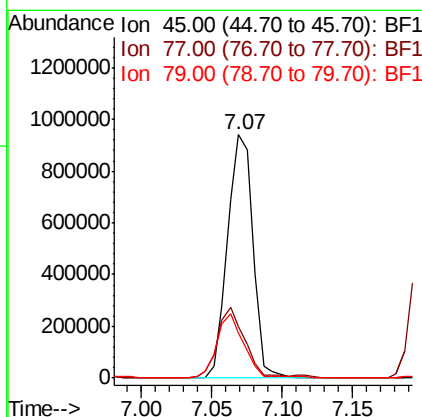
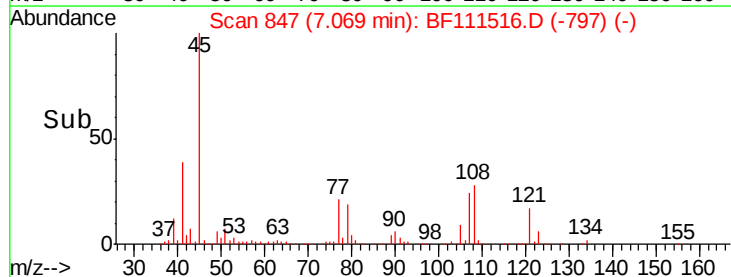
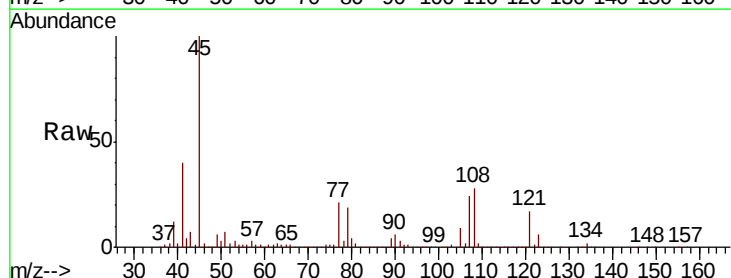
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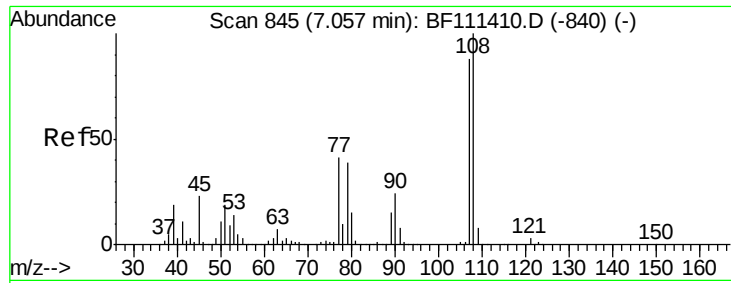
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.712 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	31.5
79	18.7	0.0	28.9





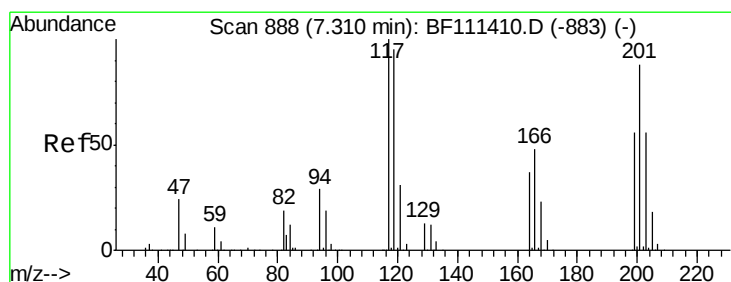
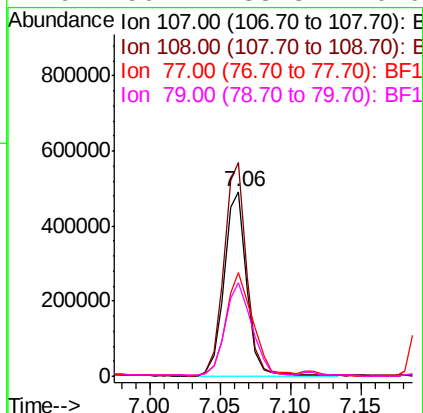
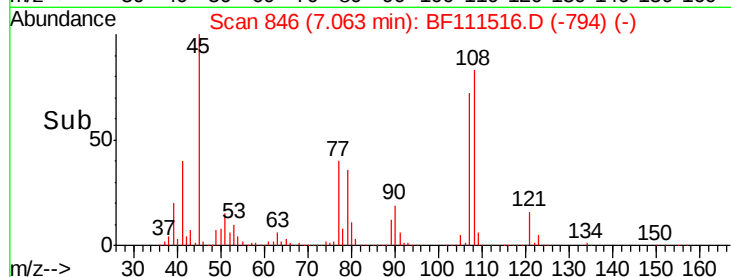
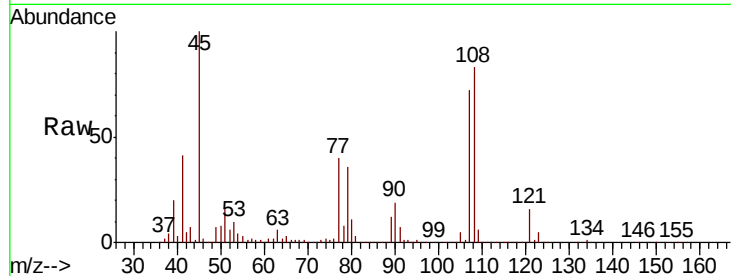
#17
2-Methylphenol
Concen: 43.222 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.0	136.4
77	55.9	33.5	50.3#
79	50.7	33.3	49.9#

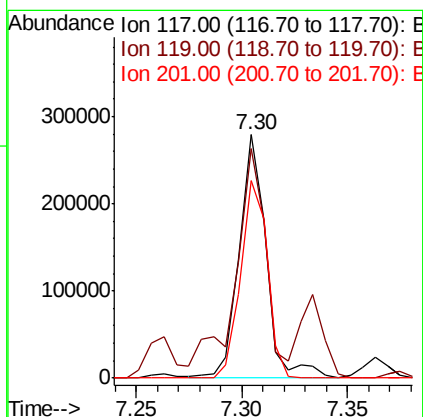
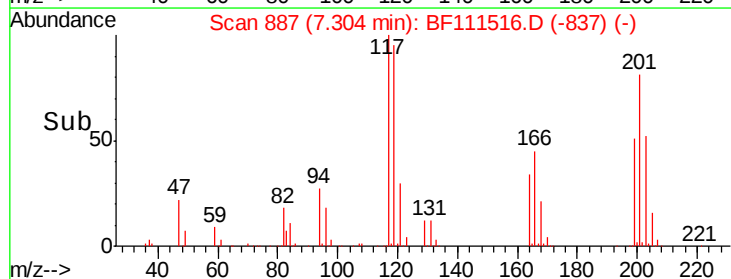
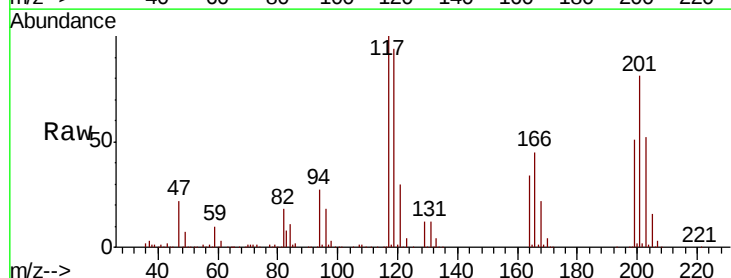
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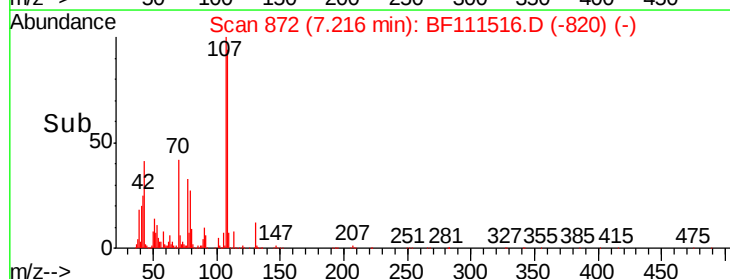
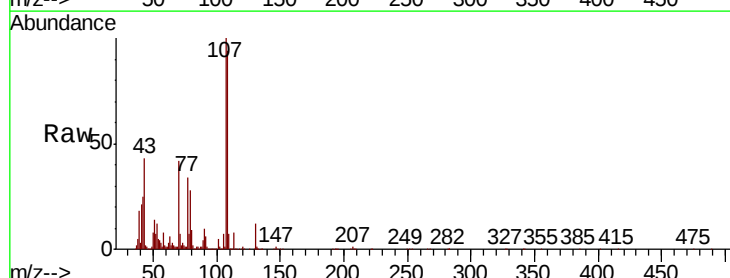
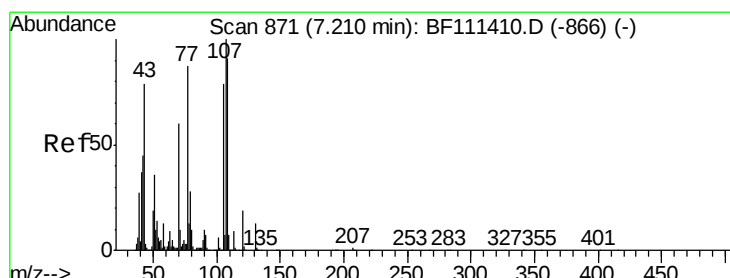
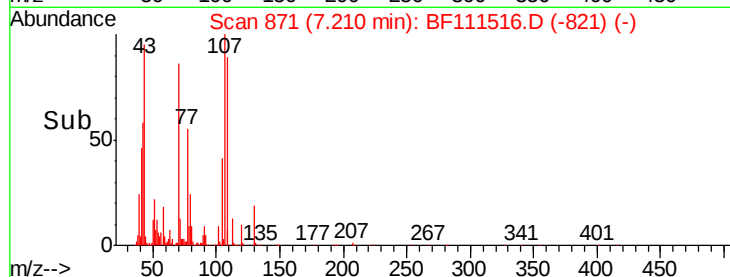
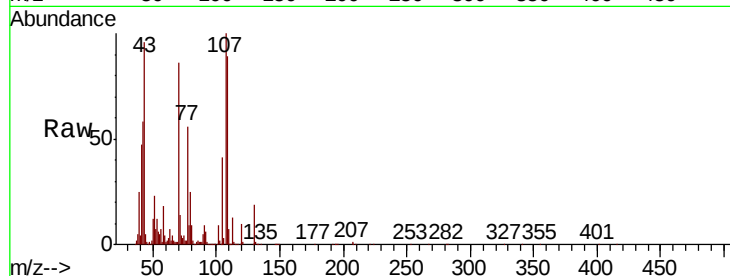
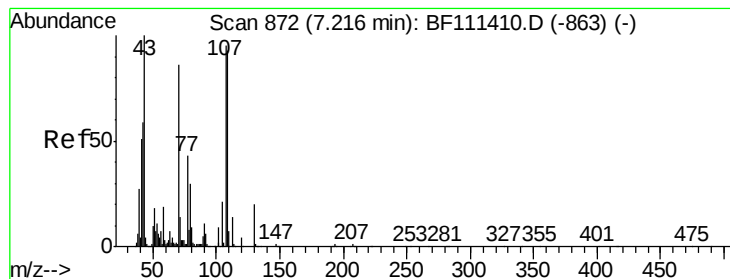
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#18
Hexachloroethane
Concen: 37.770 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
201	81.0	62.4	93.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.566 ng

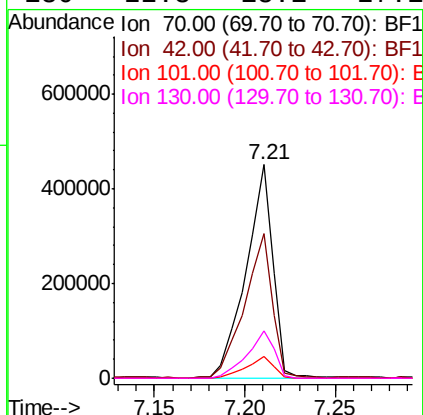
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	53.2	79.8
101	10.5	8.2	12.4
130	22.3	18.1	27.1



Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

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#20

3+4-Methylphenols

Concen: 44.994 ng

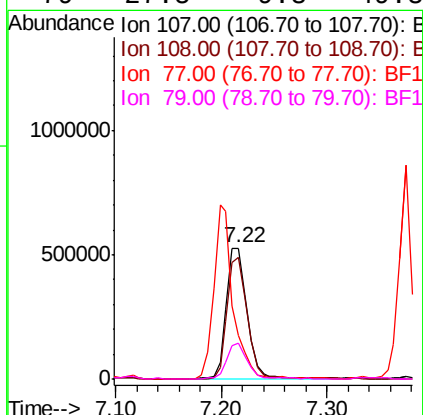
RT: 7.22 min Scan# 872

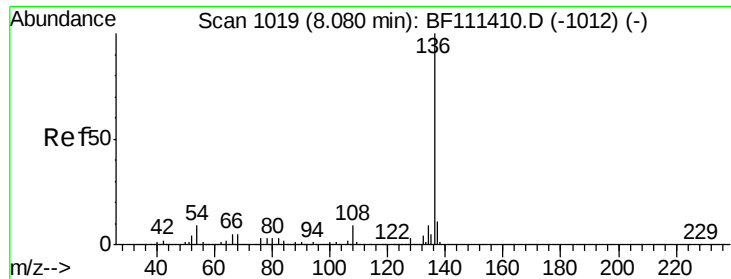
Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.1	112.1
77	33.7	94.1	134.1#
79	27.5	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

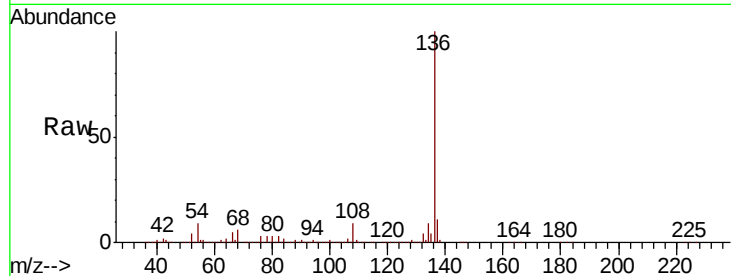
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		860487		
137	11.0		9.1	13.7	
54	8.9		7.7	11.5	
68	5.8		4.9	7.3	

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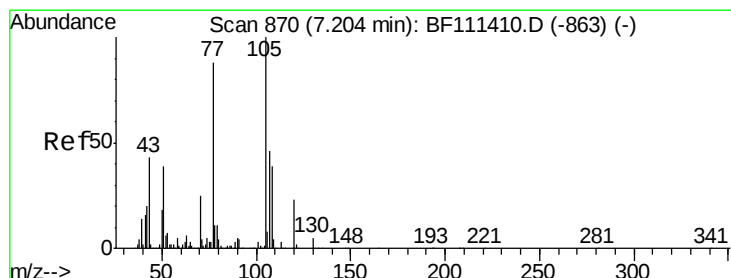
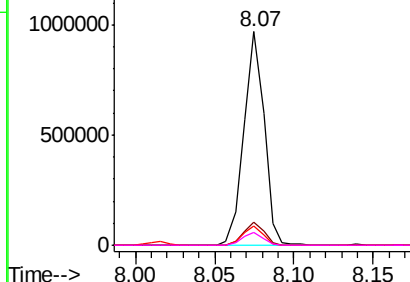
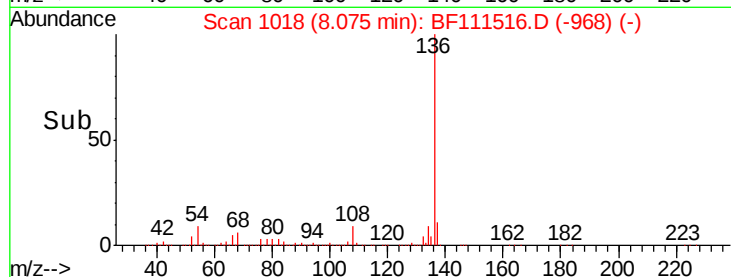
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.446 ng

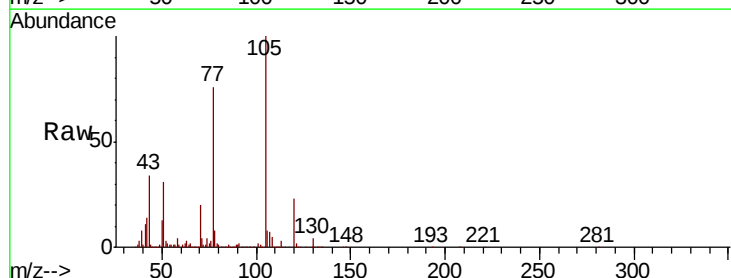
RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		969006		
71	3.5		3.1	4.7	
51	30.9		36.6	54.8	
120	22.8		18.2	27.4	



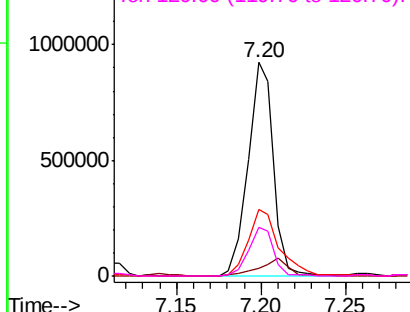
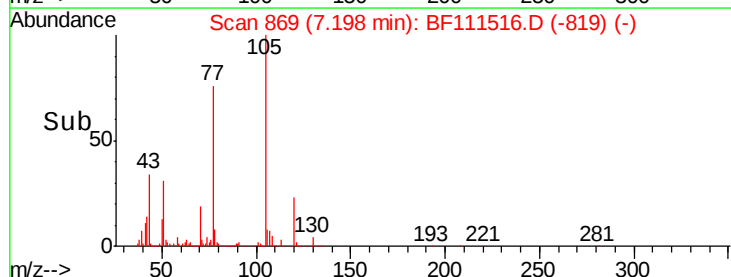
Abundance

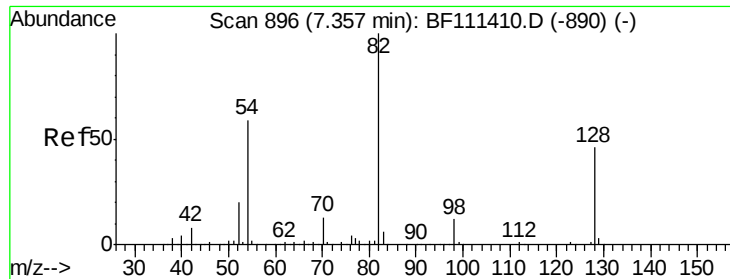
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





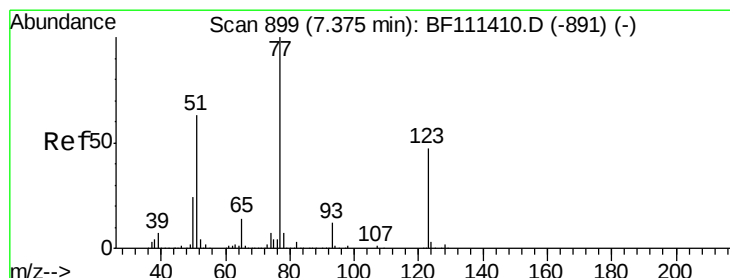
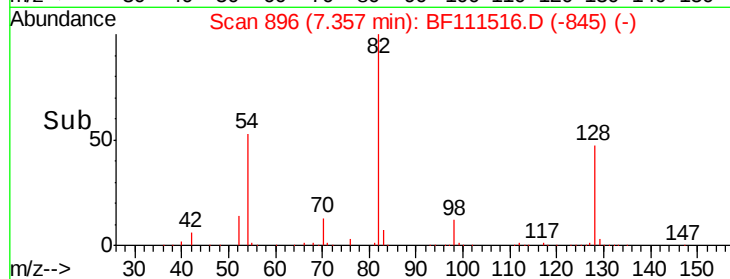
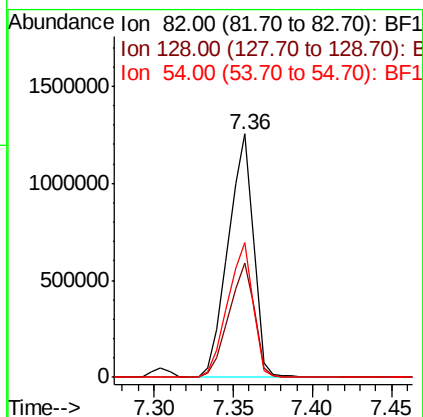
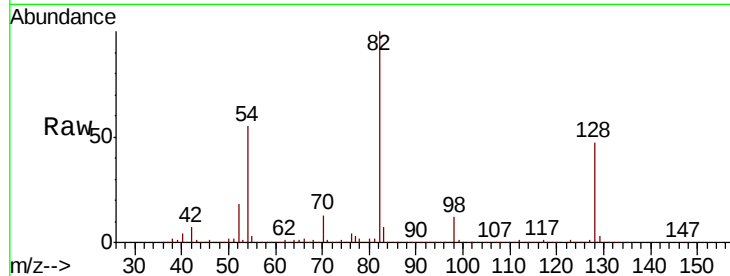
#23
 Nitrobenzene-d5
 Concen: 96.714 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	55.3	47.6	71.4

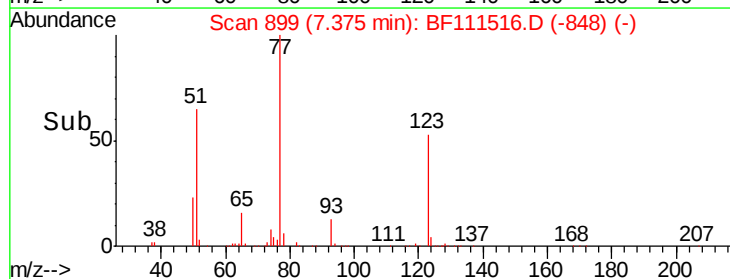
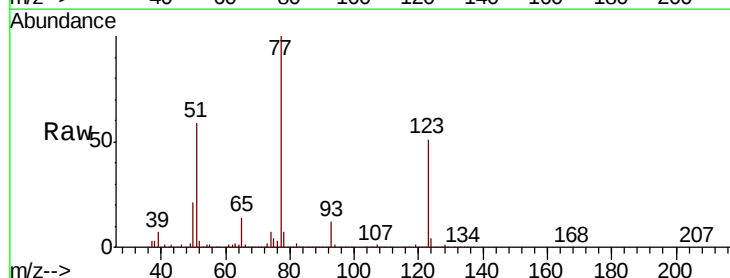
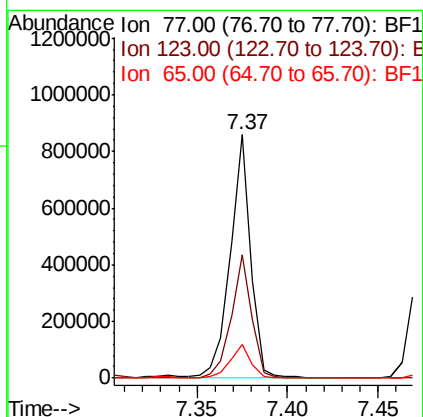
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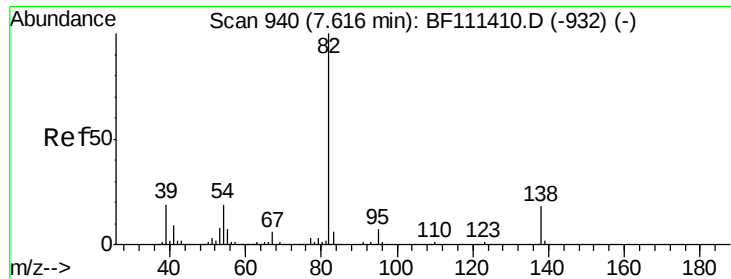
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 12/17/2018 11:19:53 AM



#24
 Nitrobenzene
 Concen: 45.472 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.2	55.8
65	14.0	11.5	17.3





#25

Isophorone

Concen: 51.777 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

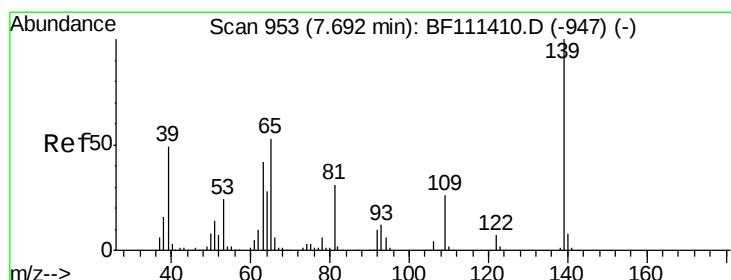
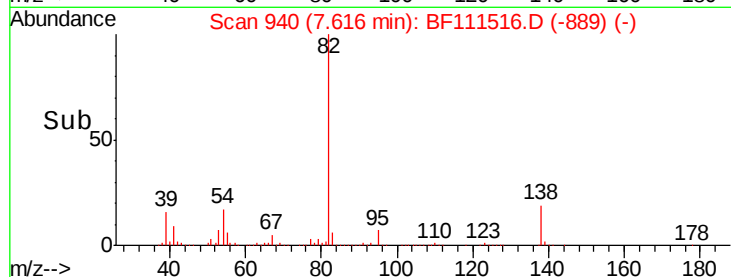
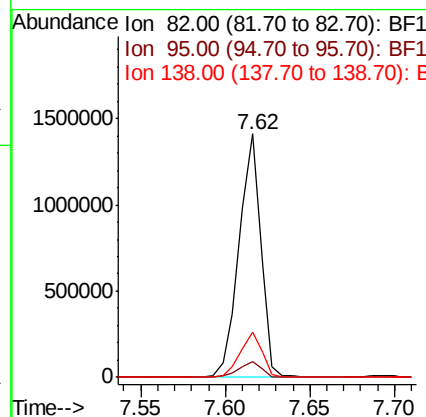
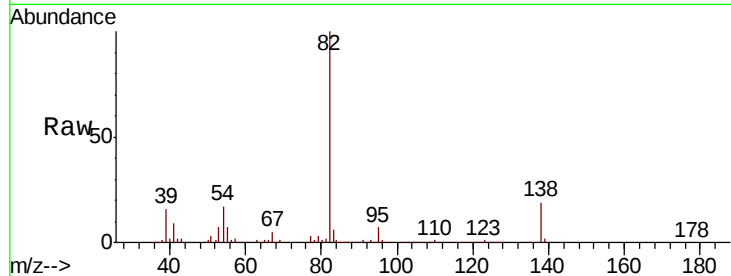
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:	82	Resp:	1265951
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.5	15.1	22.7

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#26

2-Nitrophenol

Concen: 37.519 ng

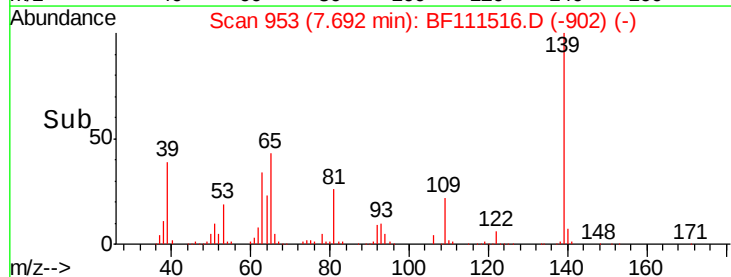
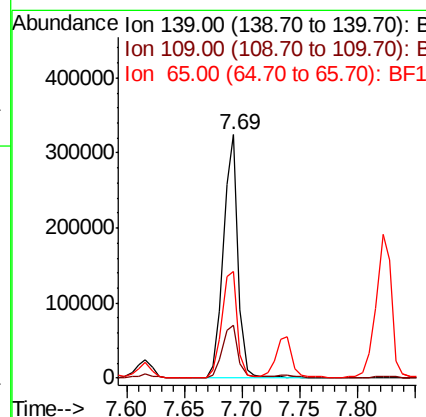
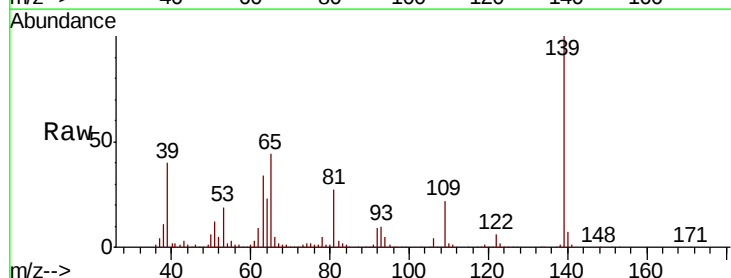
RT: 7.69 min Scan# 953

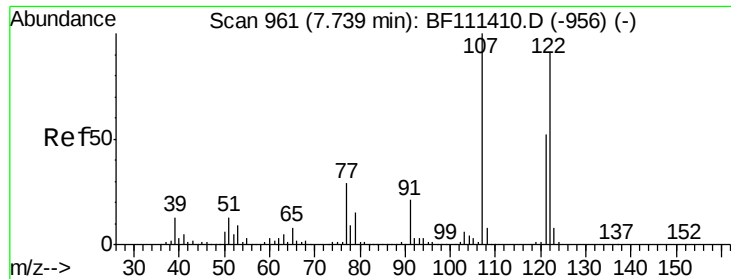
Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:	139	Resp:	286816
Ion	Ratio	Lower	Upper
139	100		
109	21.9	20.2	30.4
65	43.9	40.7	61.1





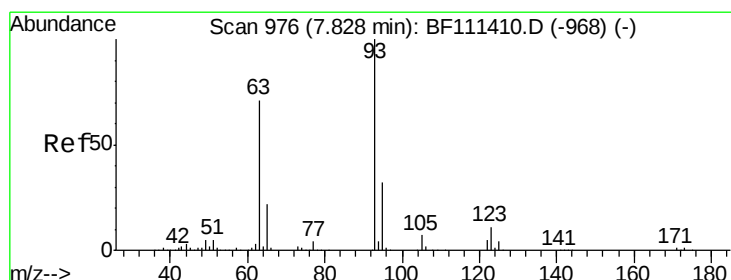
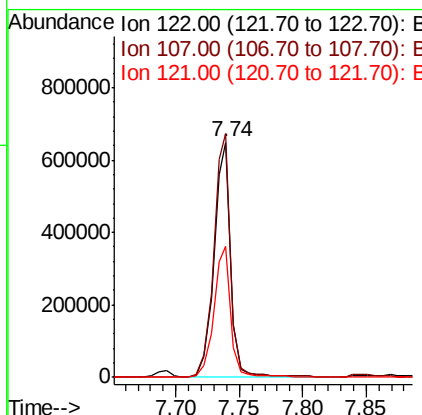
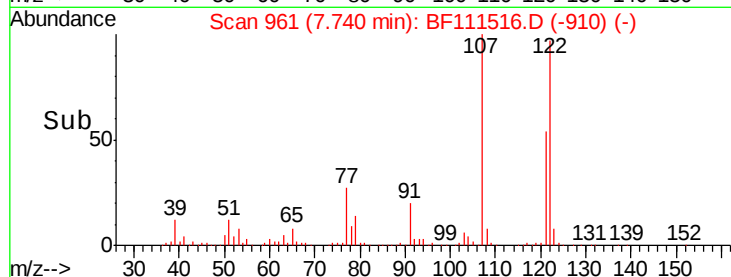
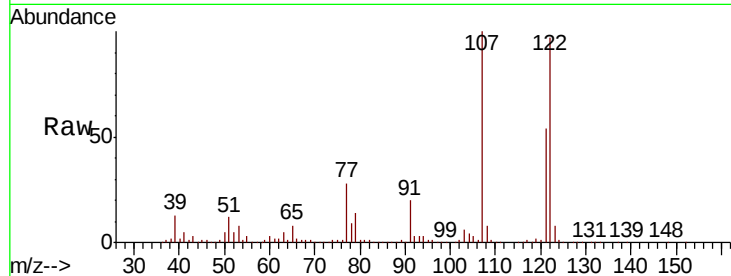
#27
 2,4-Dimethylphenol
 Concen: 54.551 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	103.5	85.5	128.3
121	55.5	46.6	70.0

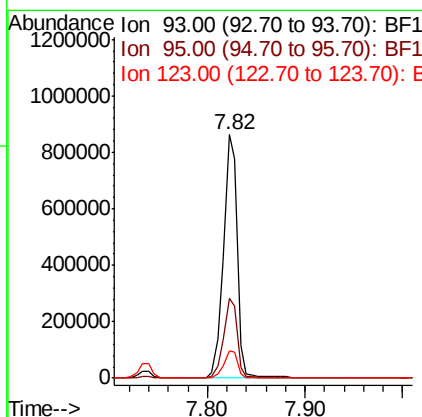
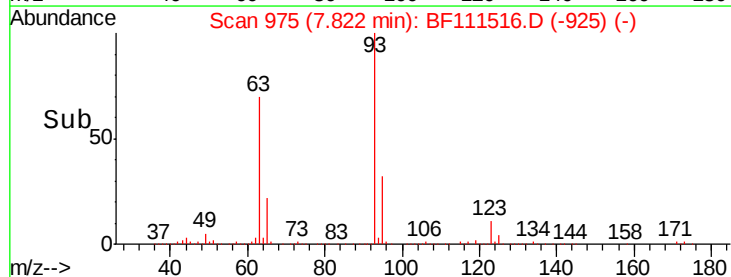
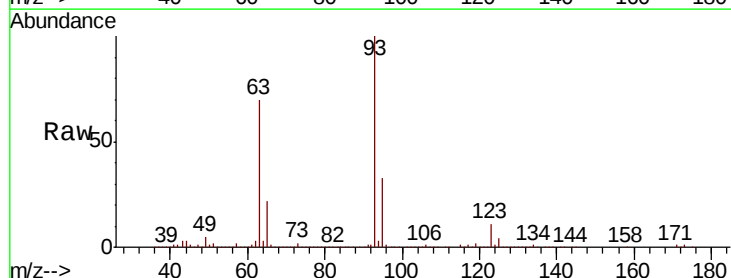
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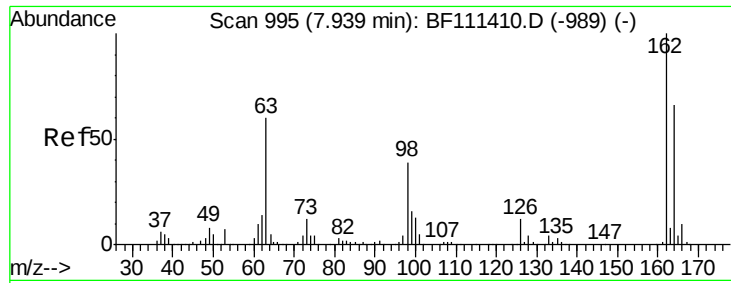
Sohil
 12/17/2018 11:19:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.085 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.1	40.7
123	11.0	9.9	14.9





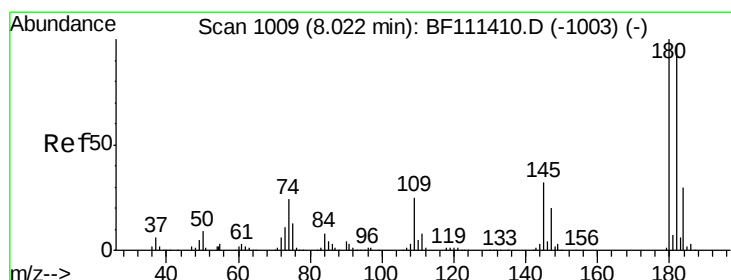
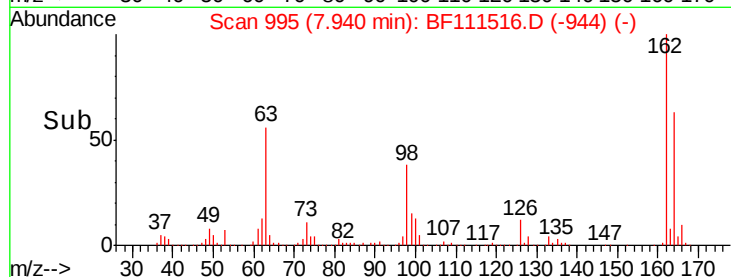
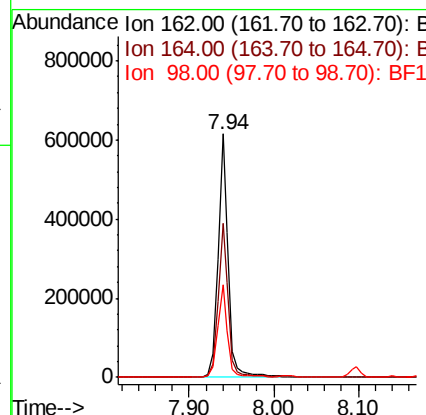
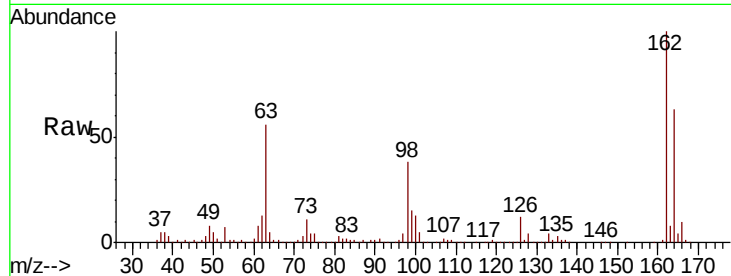
#29
2,4-Dichlorophenol
Concen: 45.250 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		535332		
164	63.0	44.4	84.4		
98	38.2	20.3	60.3		

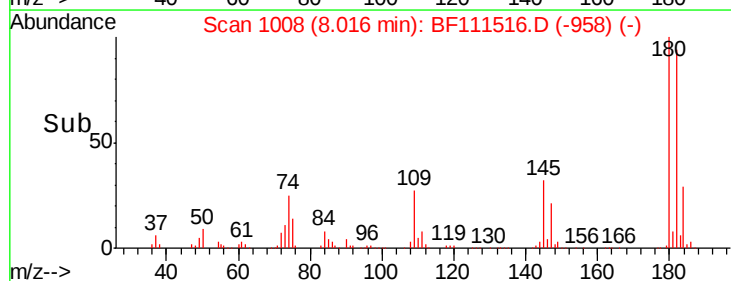
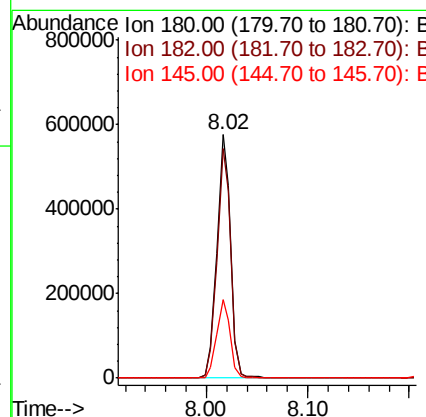
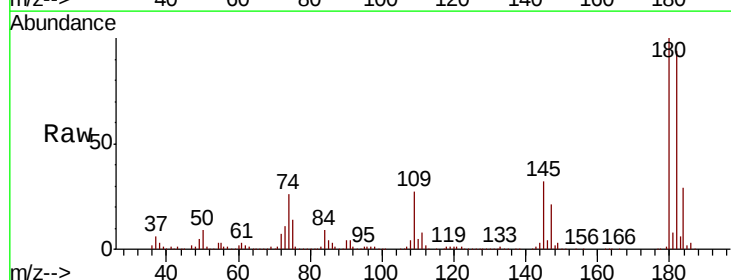
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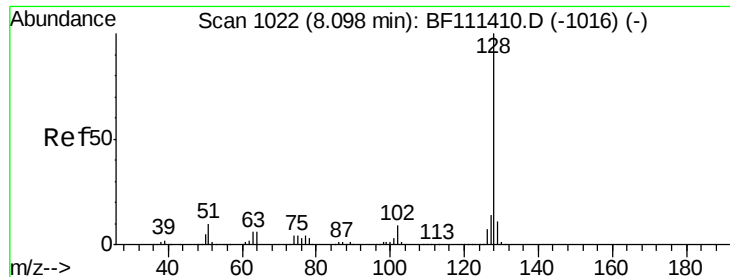
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#30
1,2,4-Trichlorobenzene
Concen: 43.604 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		540019		
182	94.2	75.6	113.4		
145	32.2	26.7	40.1		





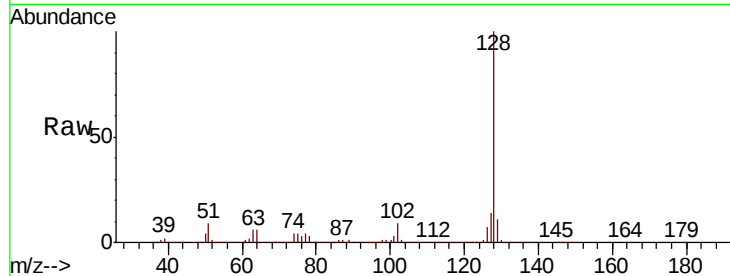
#31
Naphthalene
Concen: 48.534 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.5	12.0	18.0

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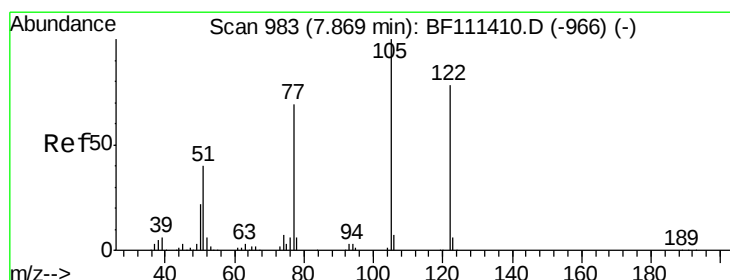
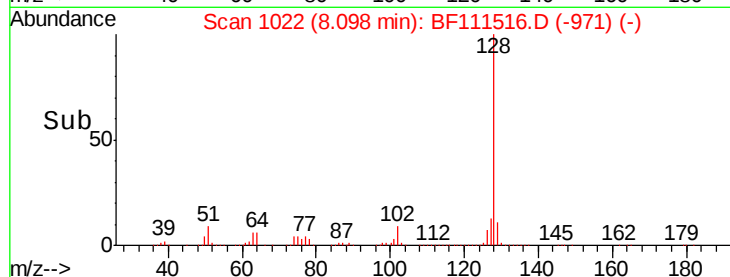
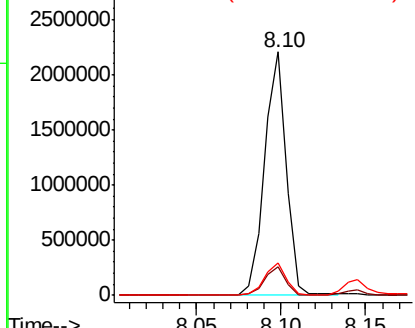


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.410 ng m
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

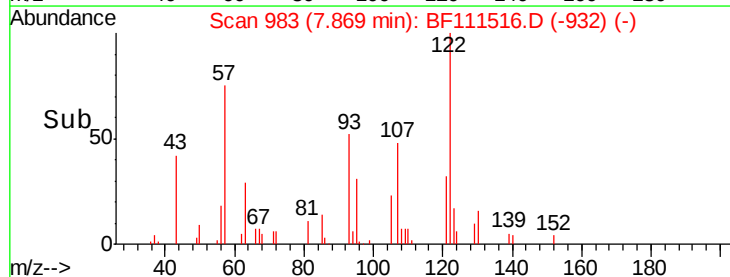
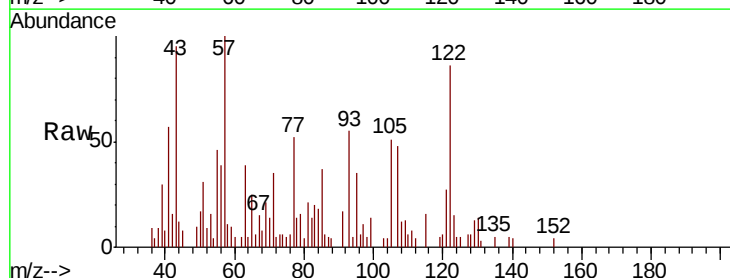
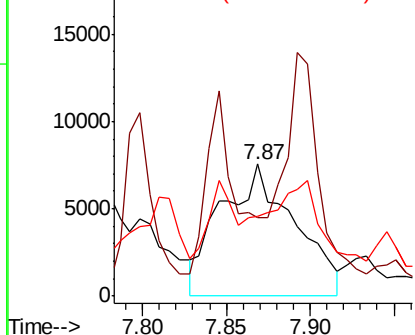
Tgt Ion	Ratio	Lower	Upper
122	100		
105	59.8	97.0	137.0#
77	61.0	65.7	105.7#

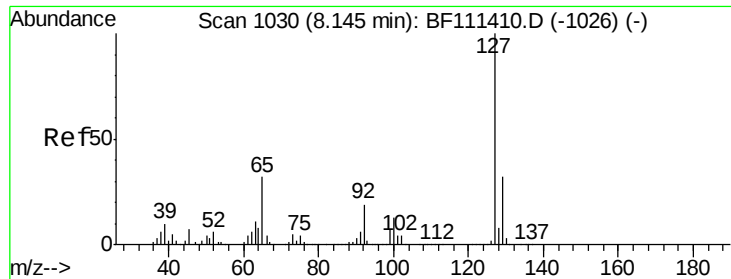
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





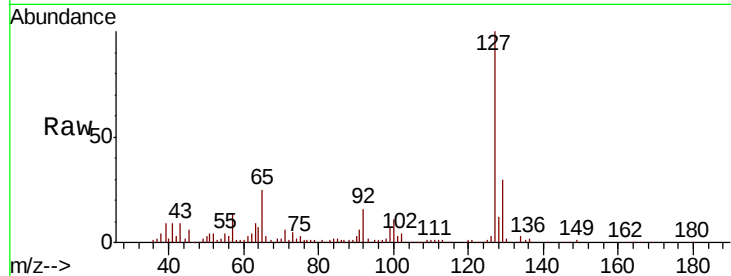
#33
4-Chloroaniline
Concen: 8.804 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

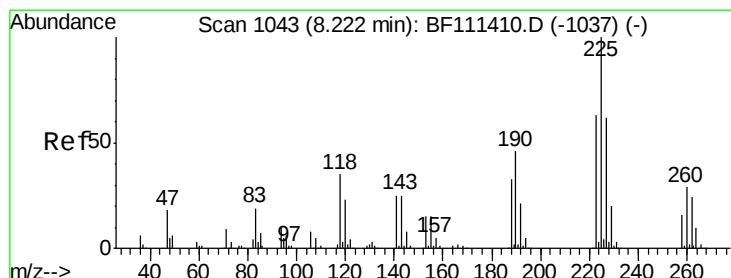
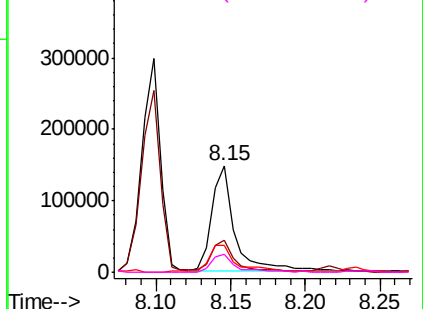
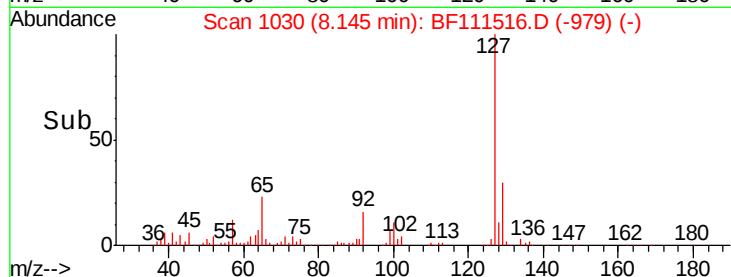
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.2	26.6	39.8	
65	24.9	25.7	38.5	
92	16.4	15.4	23.2	

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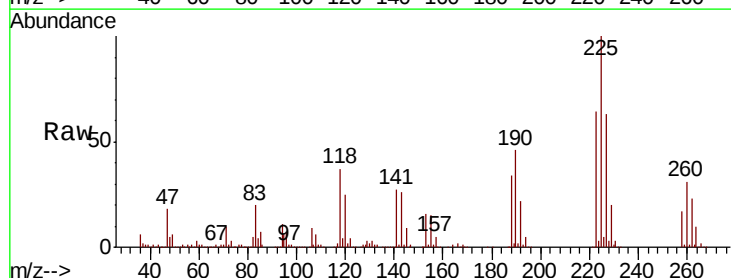


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

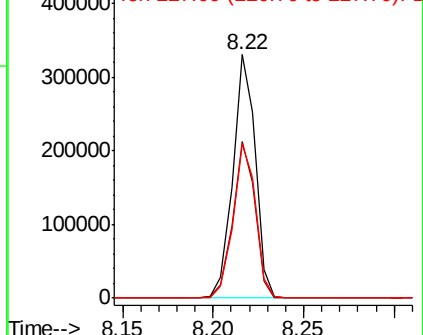
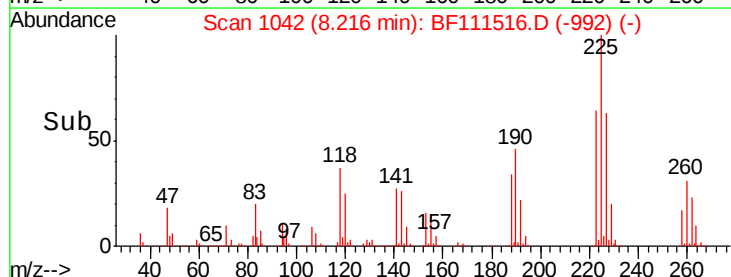


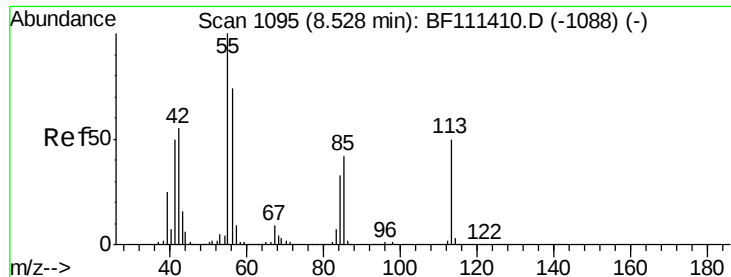
#34
Hexachlorobutadiene
Concen: 41.700 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.7	76.1	
227	63.1	52.6	78.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





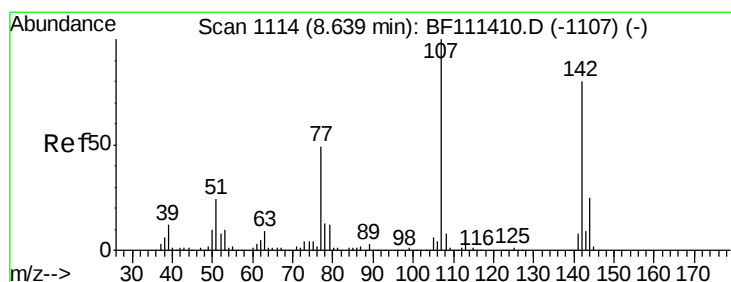
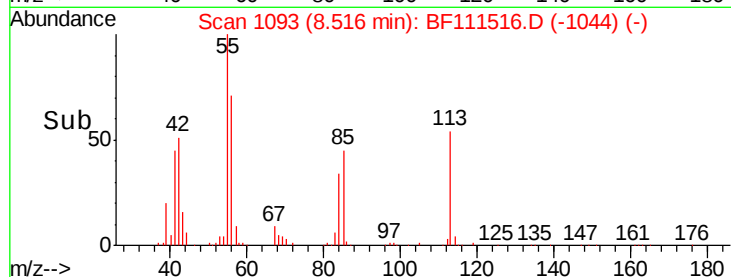
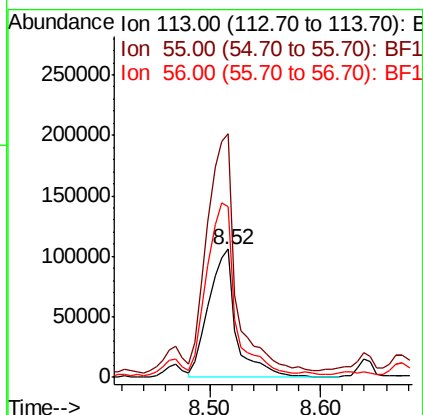
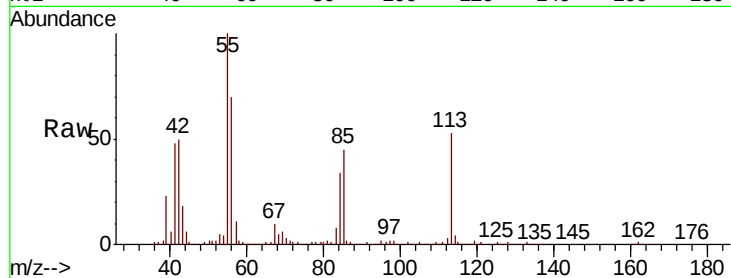
#35
Caprolactam
Concen: 40.795 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	190.3	184.1	224.1	
56	133.6	126.0	166.0	

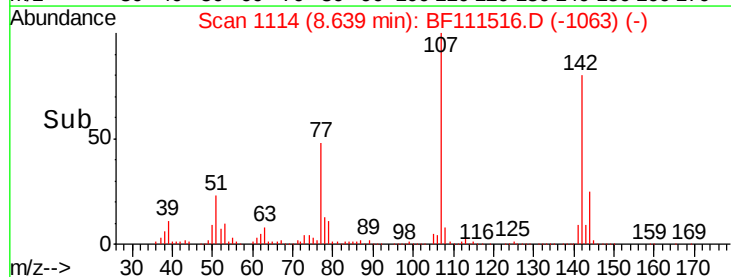
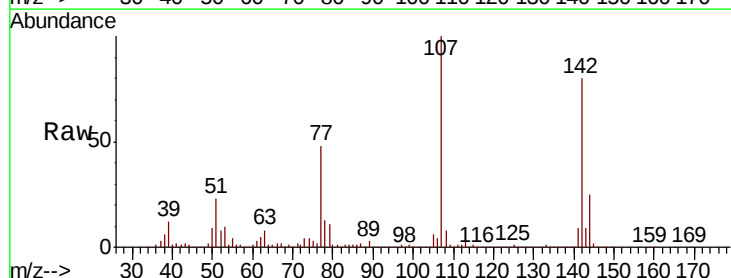
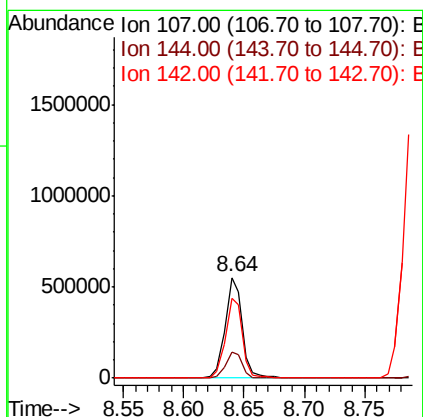
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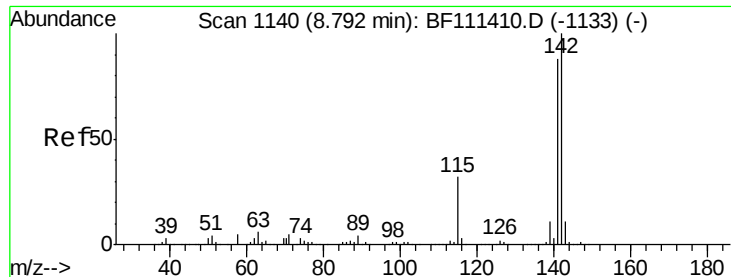
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 41.512 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.5	19.8	29.6	
142	79.8	62.3	93.5	





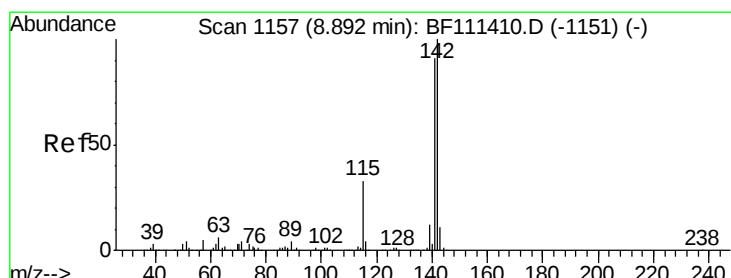
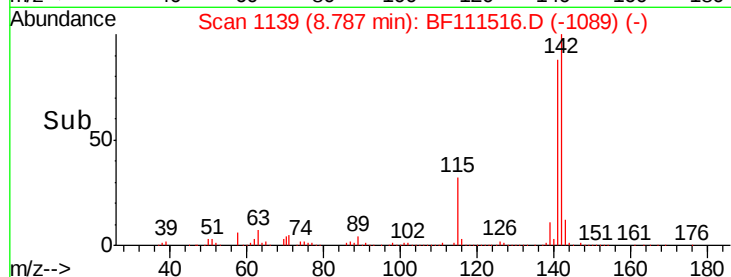
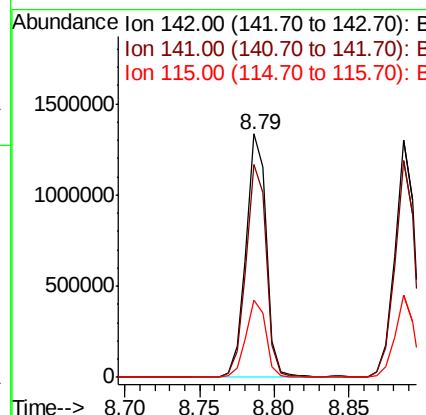
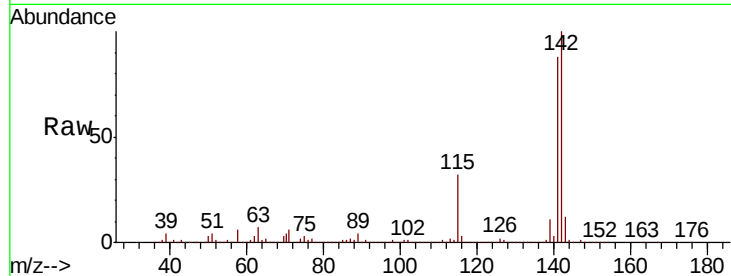
#37
2-Methylnaphthalene
Concen: 46.304 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion:142 Resp: 1261057
Ion Ratio Lower Upper
142 100
141 87.6 70.6 105.8
115 31.9 27.0 40.6

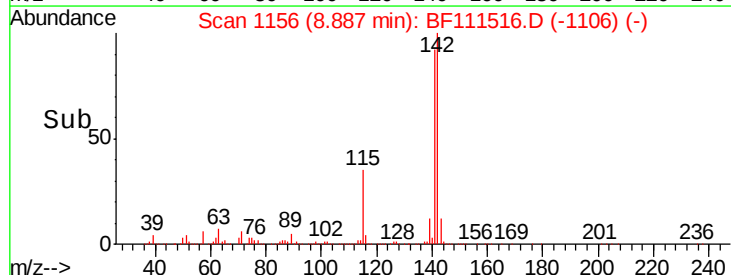
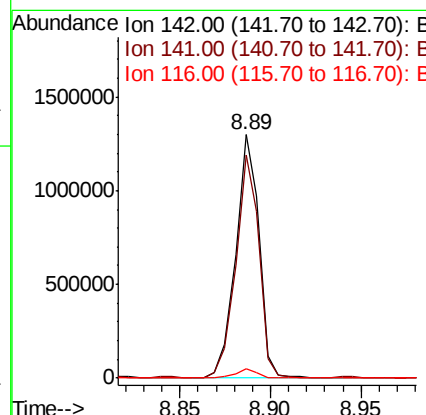
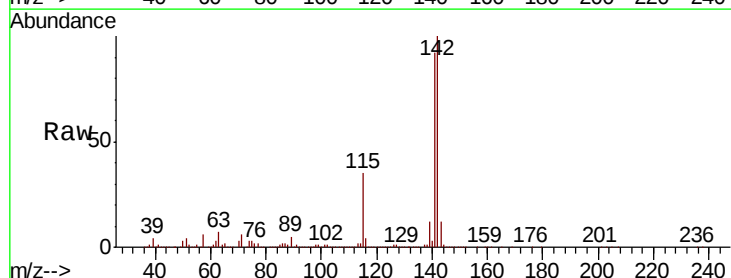
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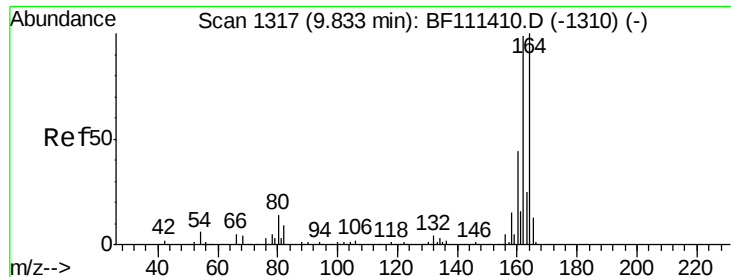
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#38
1-Methylnaphthalene
Concen: 44.004 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:142 Resp: 1157766
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.6 2.9 4.3





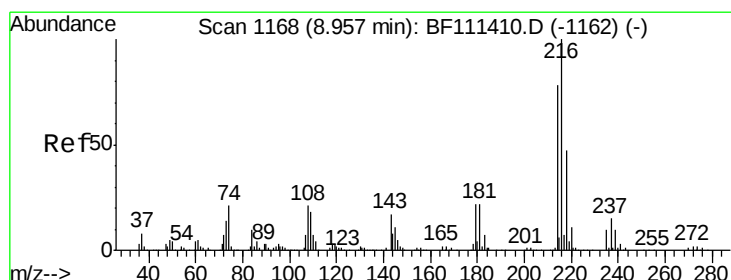
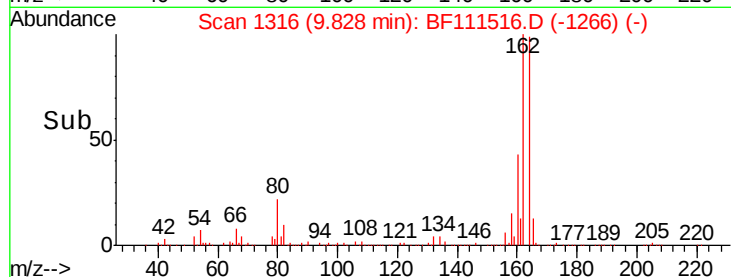
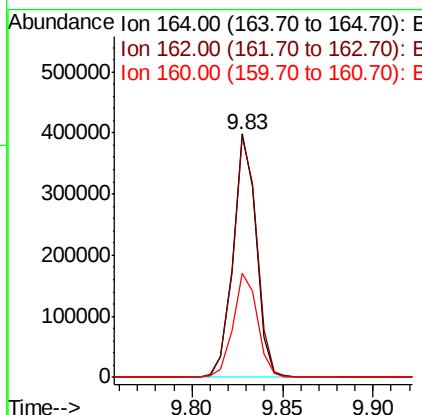
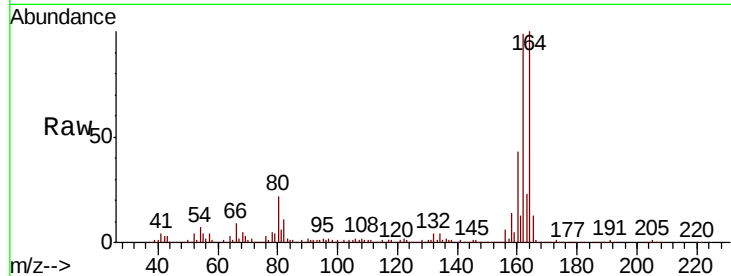
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	42.8	35.7	53.5

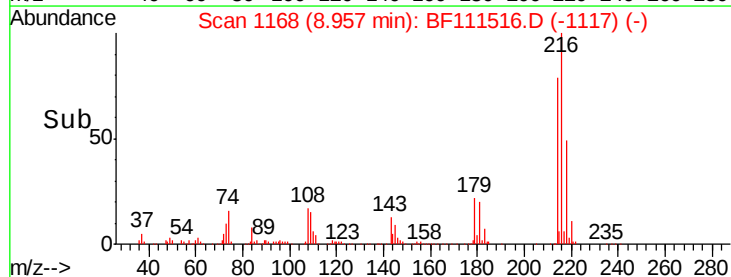
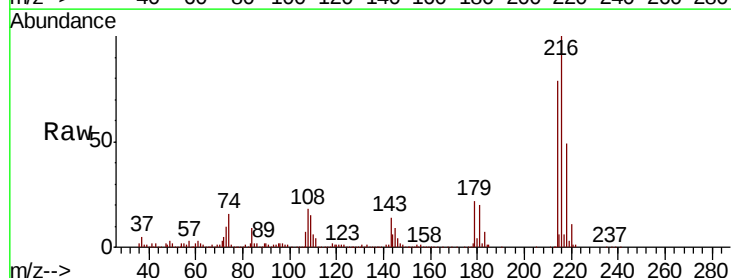
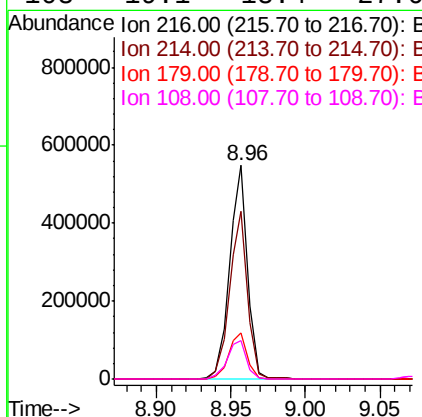
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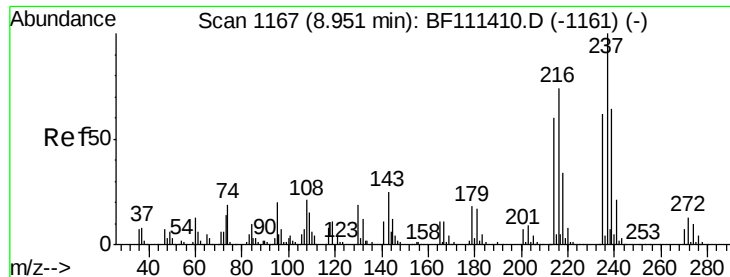
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.124 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.8
179	22.0	17.9	26.9
108	19.1	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 10.927 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

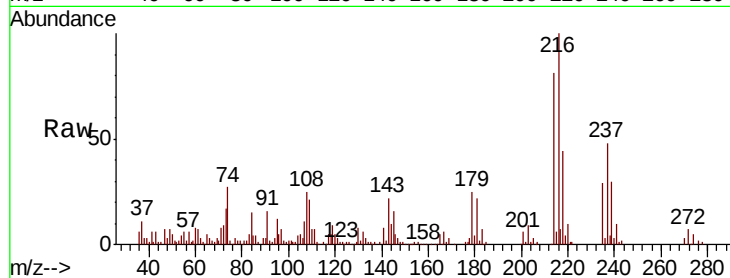
ClientSampleId :

P001-SS001-0002-01MS

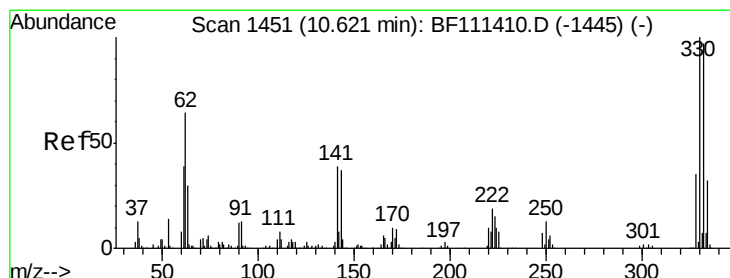
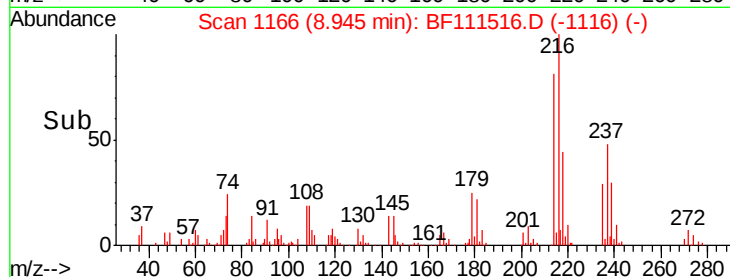
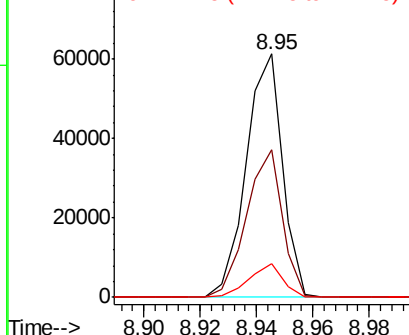
Tot Ion:	237	Resp:	54611
Ion Ratio	Lower	Upper	
237	100		
235	60.8	43.1	83.1
272	14.0	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 103.680 ng

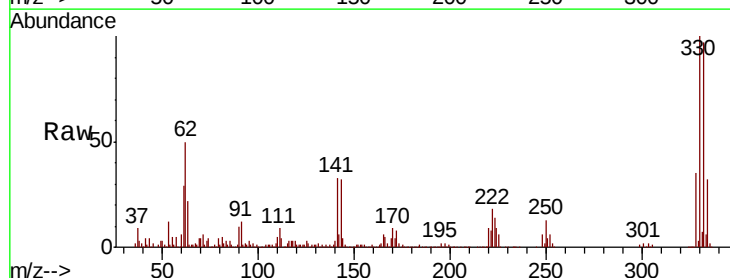
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

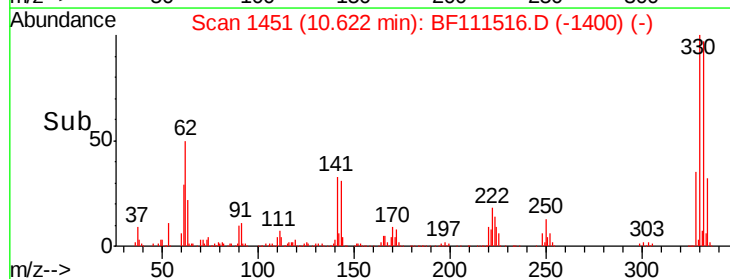
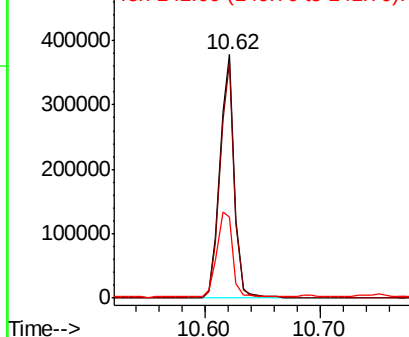
Lab File: BF111516.D

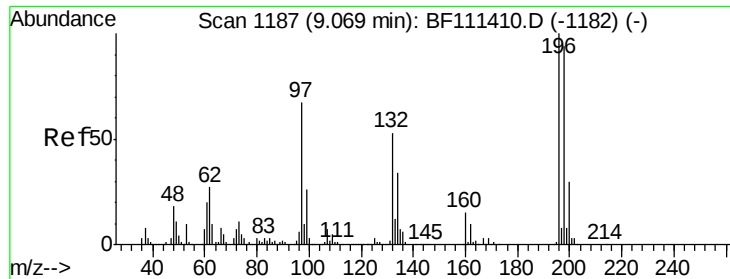
Acq: 16 Dec 2018 18:51

Tgt Ion:	330	Resp:	329669
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.0	114.0
141	38.3	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





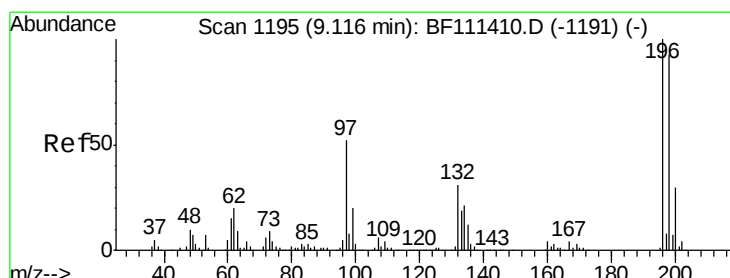
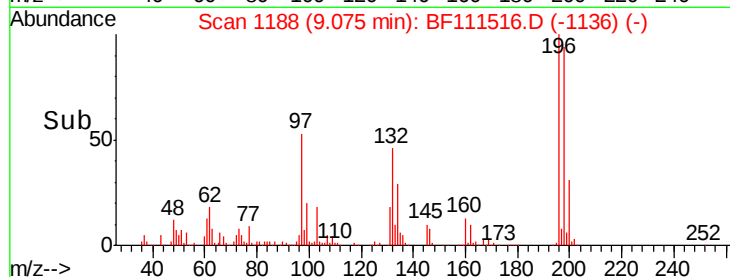
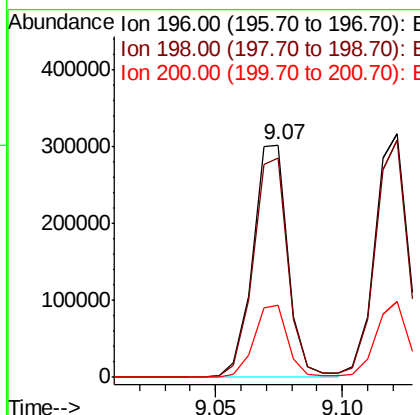
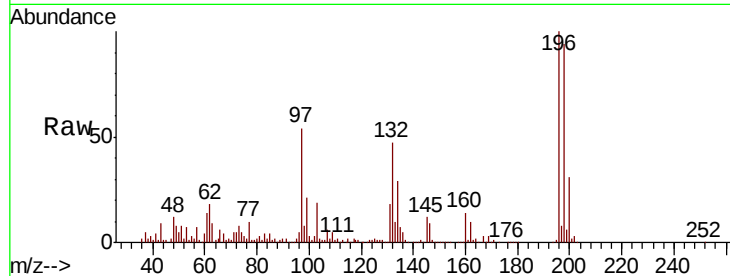
#43
 2,4,6-Trichlorophenol
 Concen: 42.580 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293364		
198	94.3	76.3	114.5	
200	30.8	24.9	37.3	

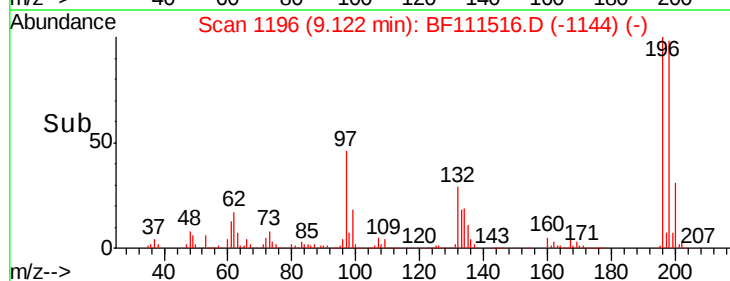
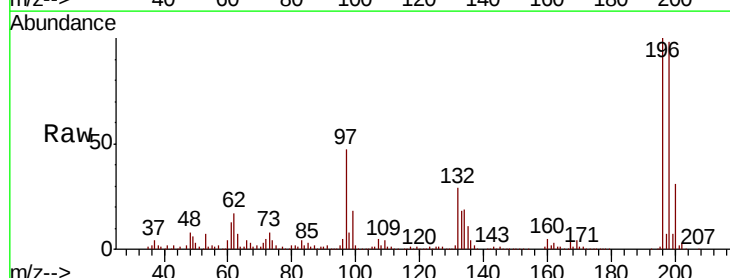
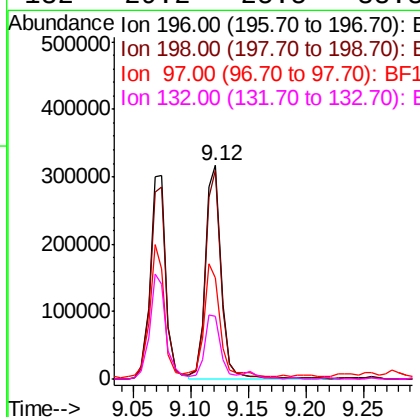
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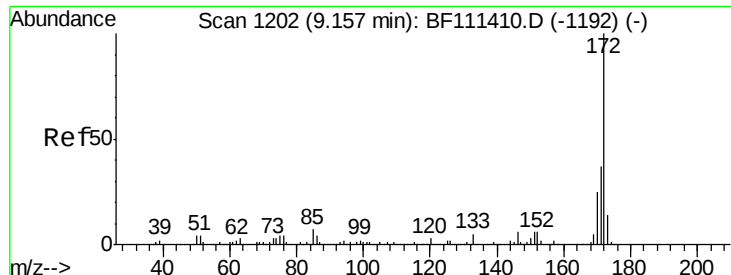
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 12/17/2018 11:19:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.268 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302552		
198	97.5	72.9	109.3	
97	47.2	45.3	67.9	
132	29.2	25.5	38.3	





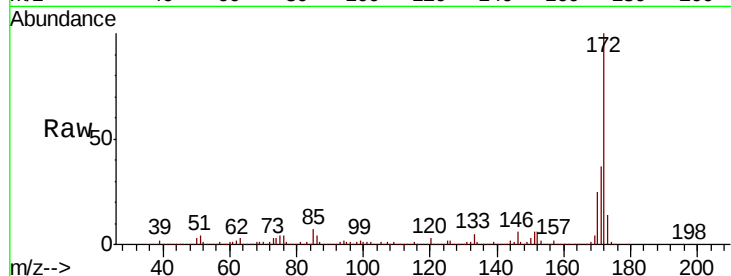
#45
2-Fluorobiphenyl
Concen: 93.363 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.7	22.3	33.5

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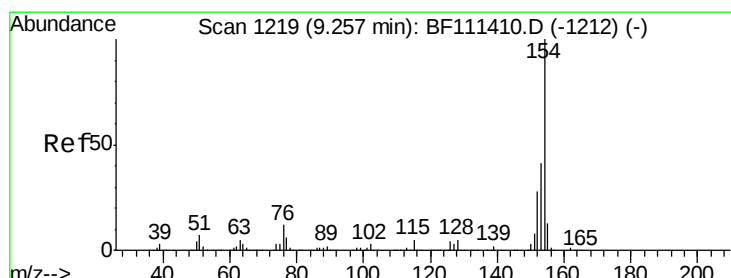
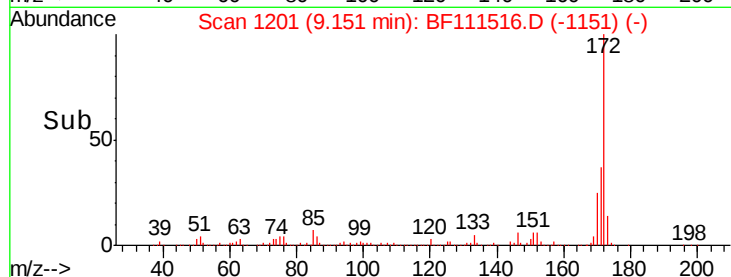
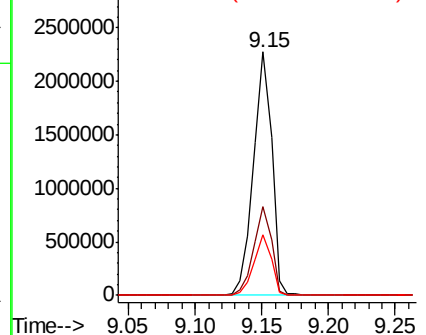


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.478 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

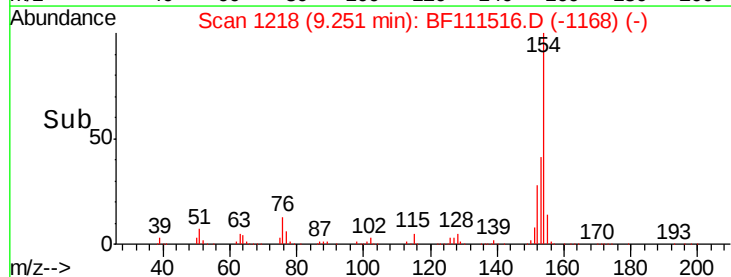
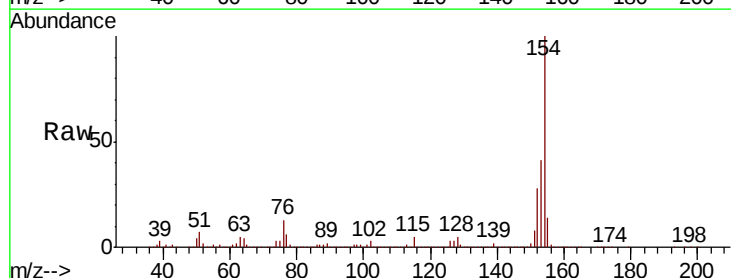
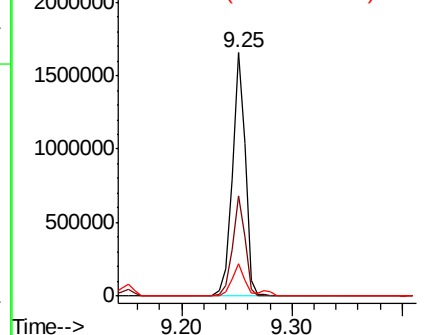
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	13.2	0.0	35.0

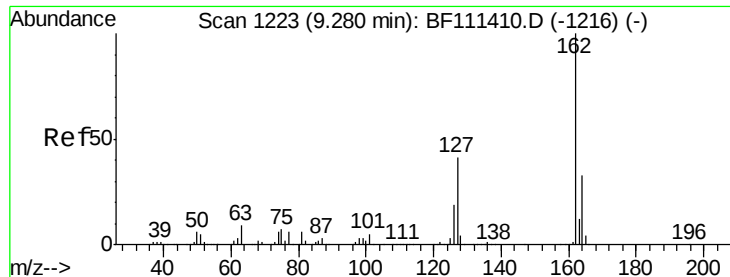
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





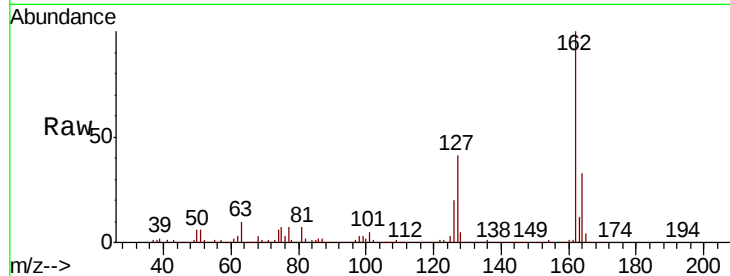
#47
 2-Chloronaphthalene
 Concen: 46.682 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

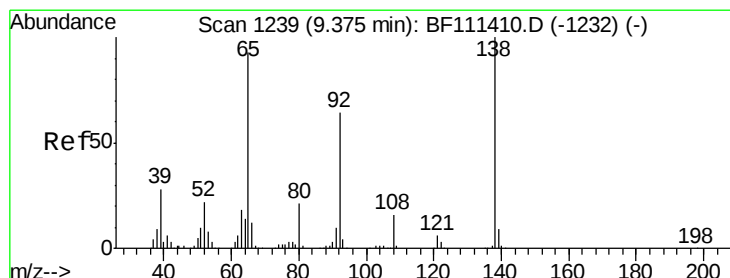
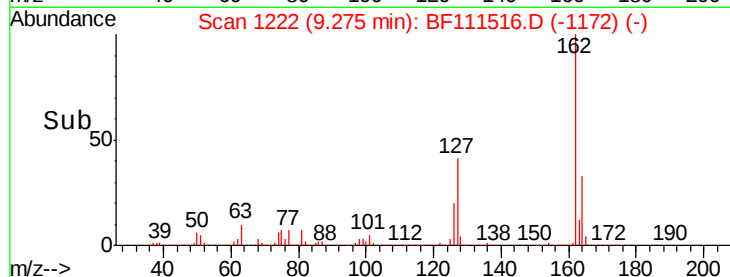
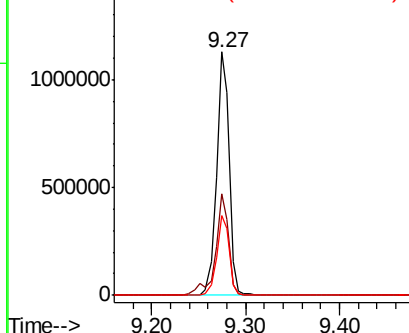
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.0	52.4
164	32.7	28.4	42.6

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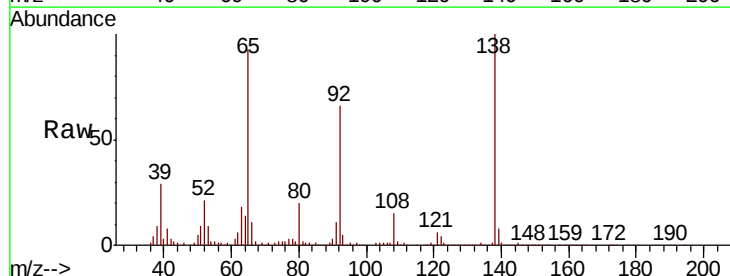


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

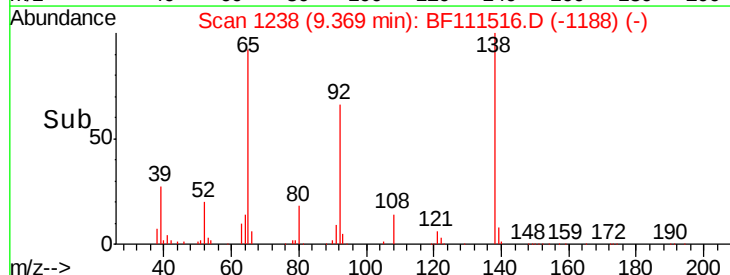
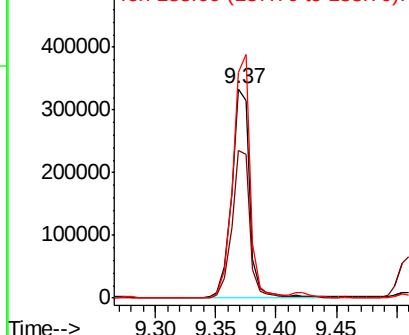


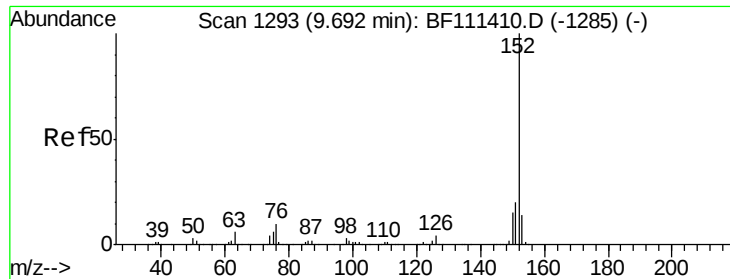
#48
 2-Nitroaniline
 Concen: 46.708 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.5	80.3
138	107.4	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





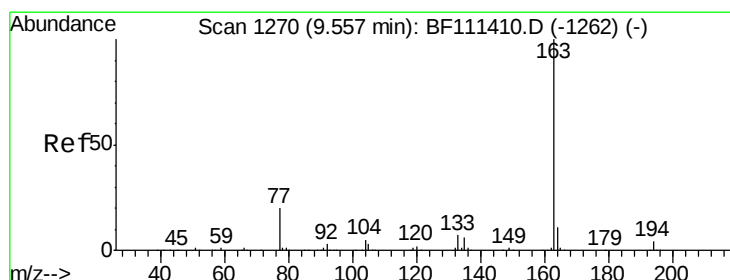
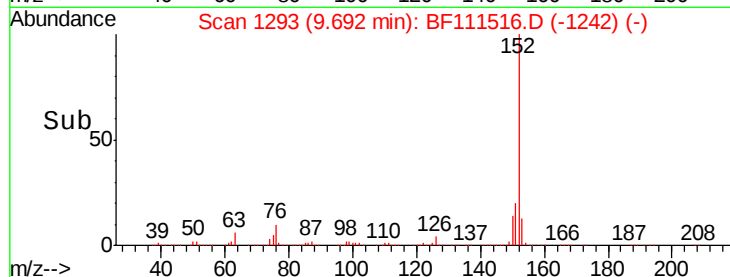
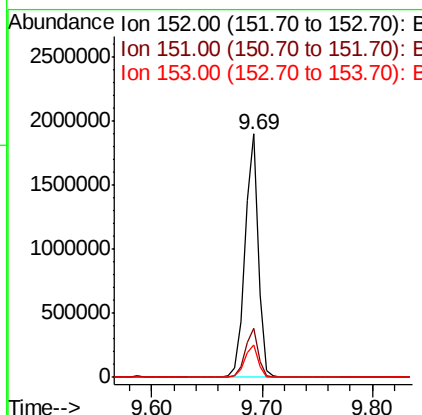
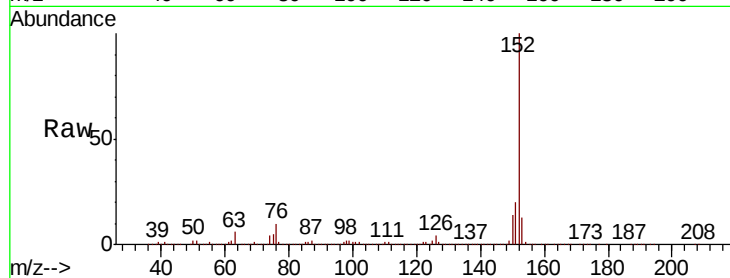
#49
Acenaphthylene
Concen: 47.206 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.2	12.3	18.5

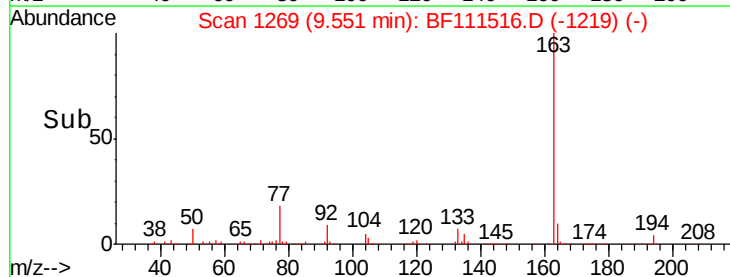
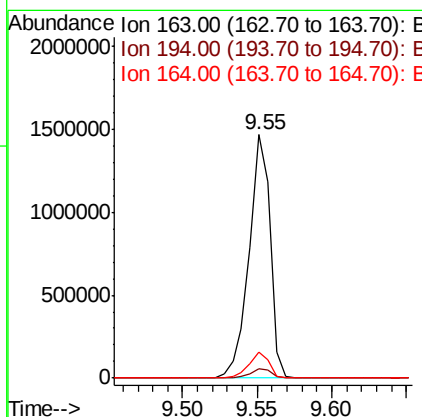
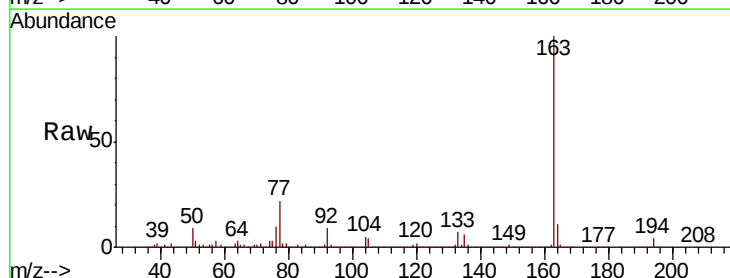
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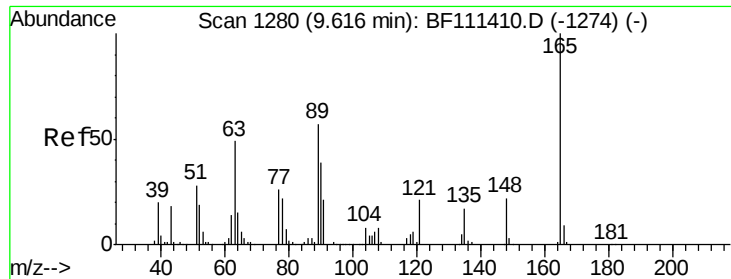
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#50
Dimethylphthalate
Concen: 55.849 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.9	13.3





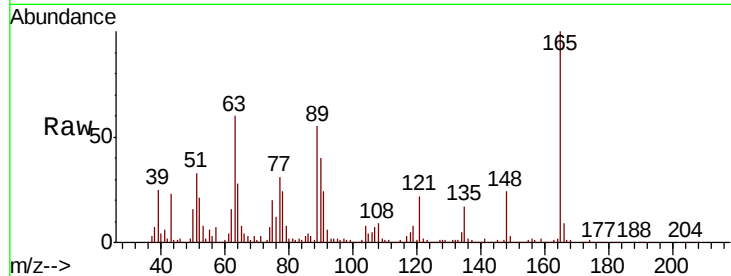
#51
2,6-Dinitrotoluene
Concen: 45.081 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	259402		
63	60.0		40.5	60.7
89	54.8		40.0	60.0

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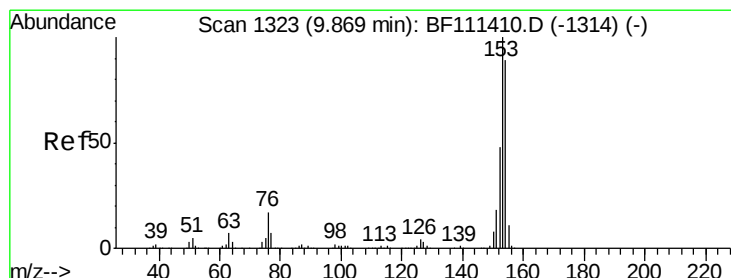
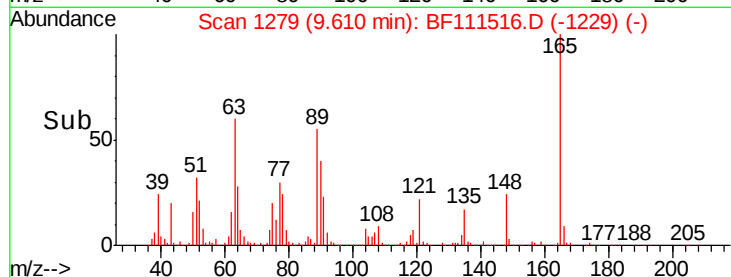
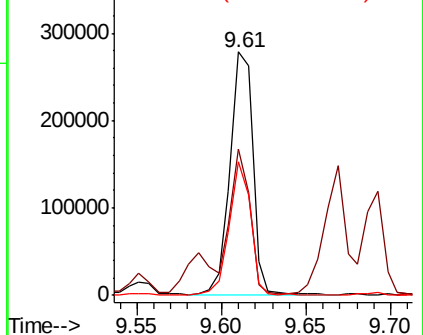


Abundance

Ion 165.00 (164.70 to 165.70): E

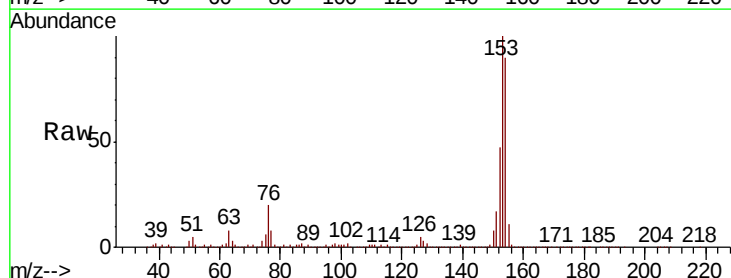
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 42.049 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	901889		
153	110.9		87.8	131.8
152	52.2		43.4	65.2

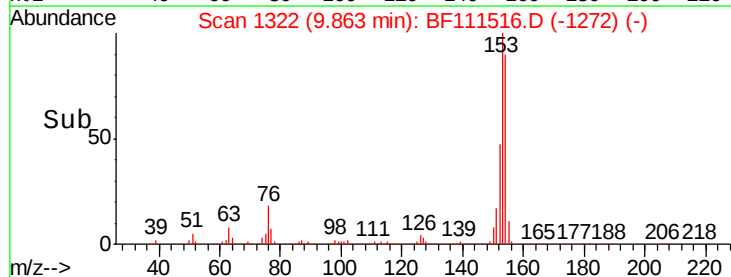
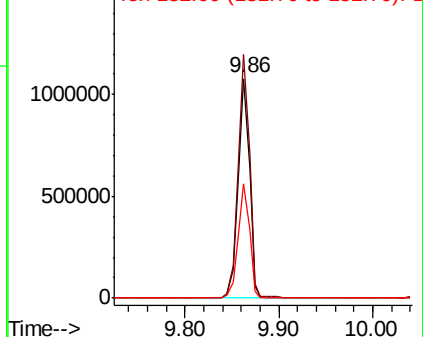


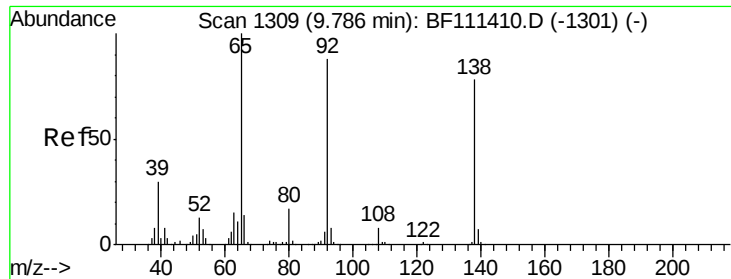
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





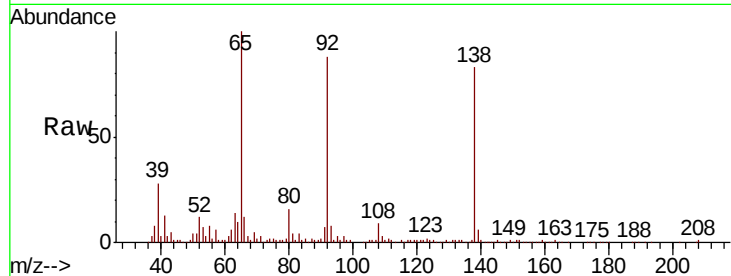
#53
3-Nitroaniline
Concen: 26.481 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	106.2	93.4	140.2

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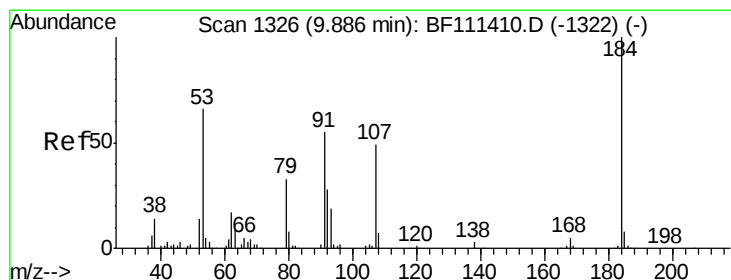
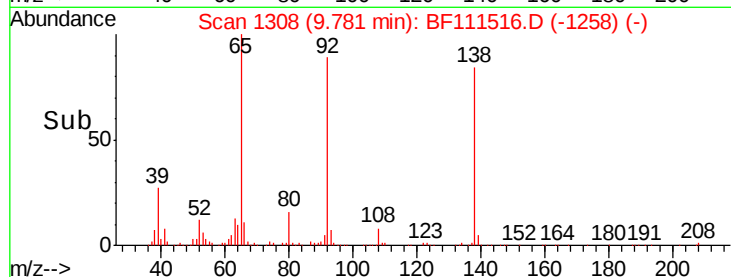
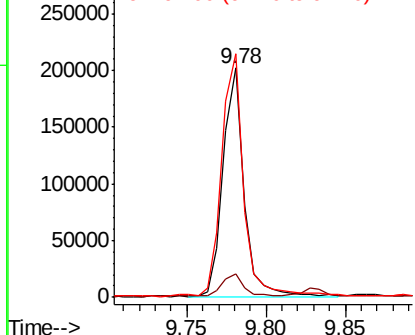


Abundance

Ion 138.00 (137.70 to 138.70): E

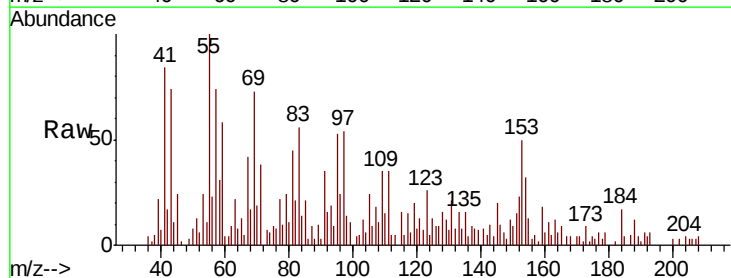
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 0.936 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	134.0	62.3	93.5#
154	194.0	56.2	84.2#

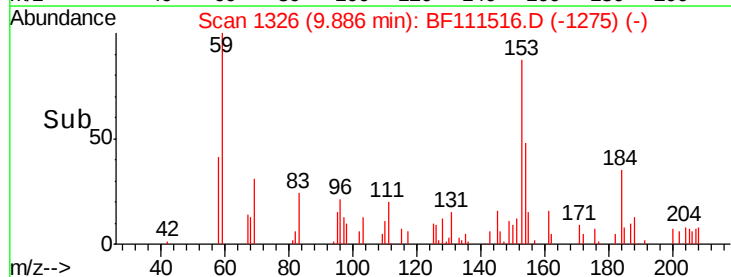
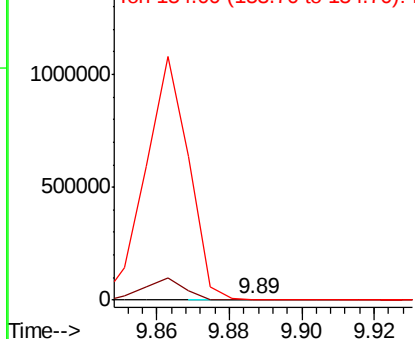


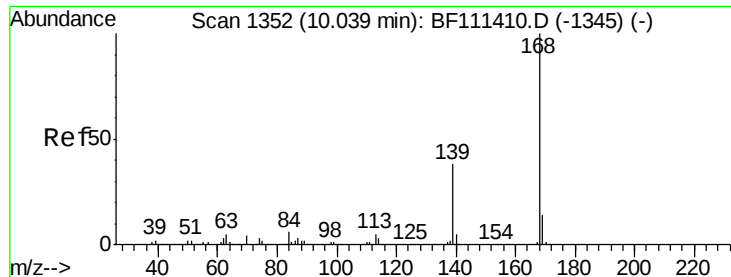
Abundance

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





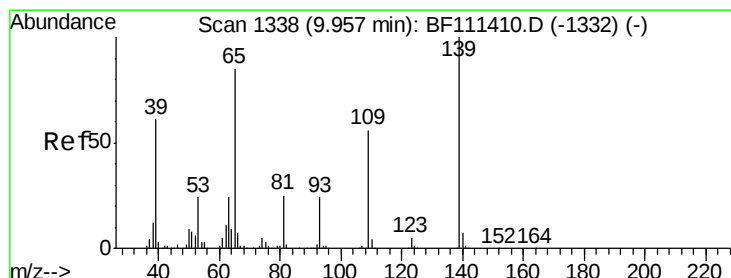
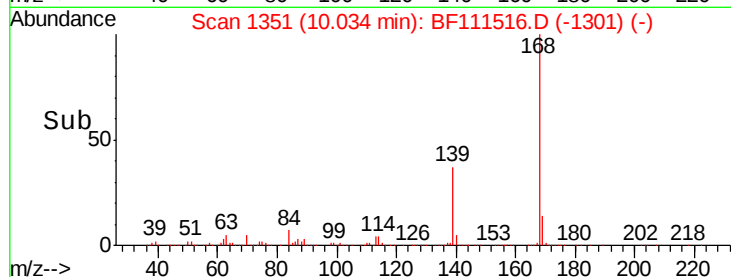
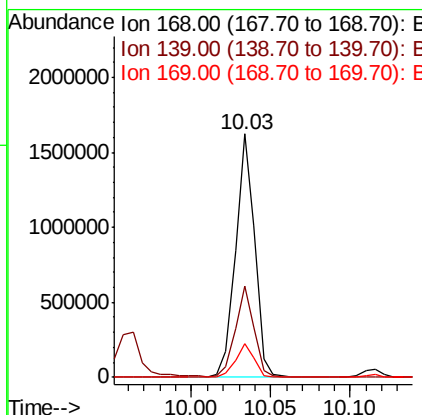
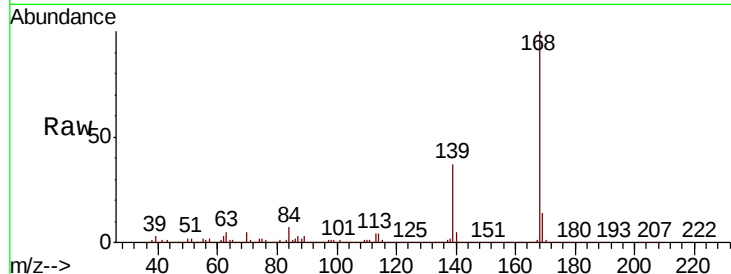
#55
Dibenzofuran
Concen: 43.694 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	32.6	49.0
169	14.0	11.8	17.6

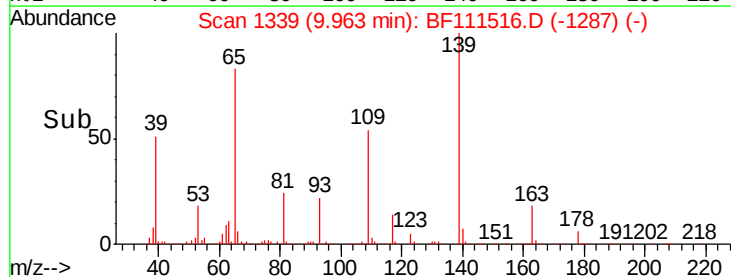
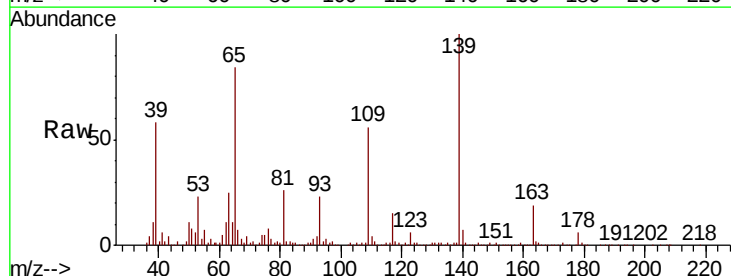
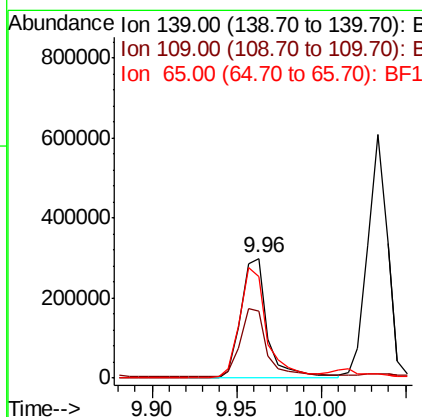
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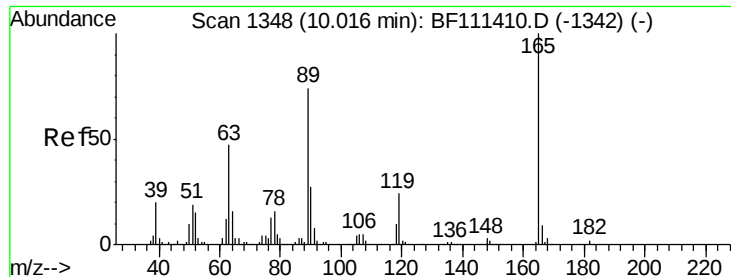
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#56
4-Nitrophenol
Concen: 67.387 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.6	41.8	81.8
65	84.2	79.6	119.6





#57

2,4-Dinitrotoluene

Concen: 41.645 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

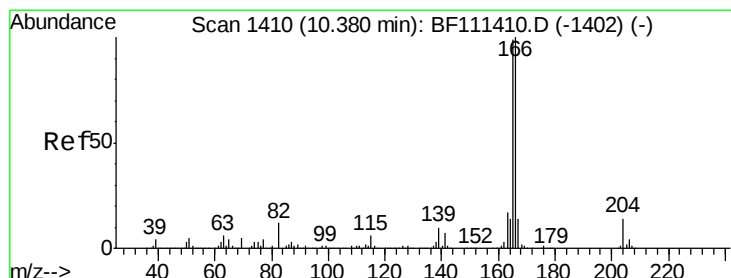
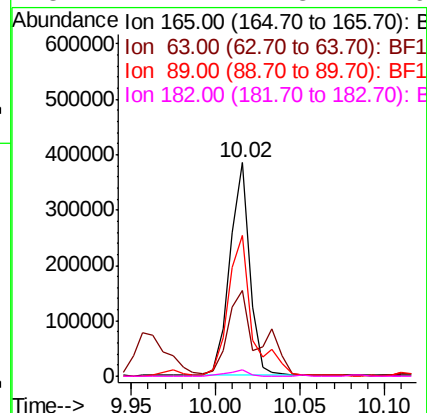
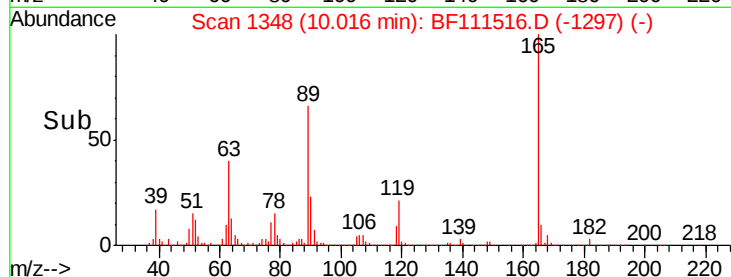
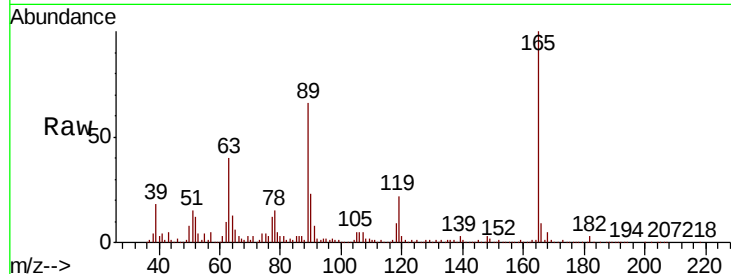
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		314517		
63	40.4		34.6	52.0	
89	65.8		56.2	84.4	
182	2.7		1.8	2.6	

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#58

Fluorene

Concen: 43.482 ng

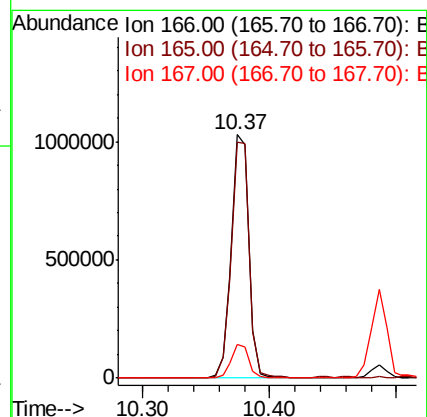
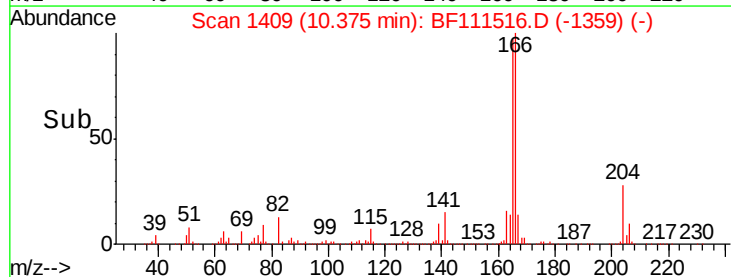
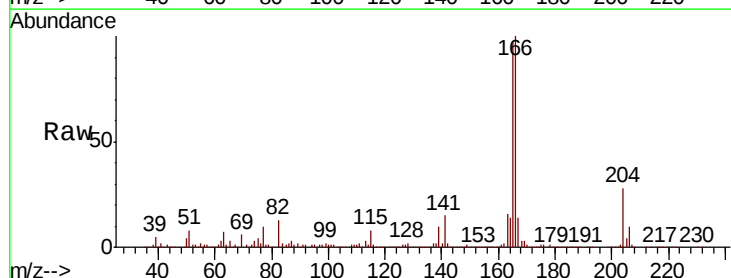
RT: 10.37 min Scan# 1409

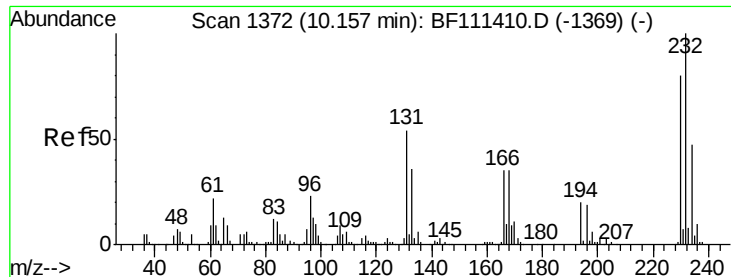
Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		981901		
165	97.0		78.4	117.6	
167	14.1		11.2	16.8	





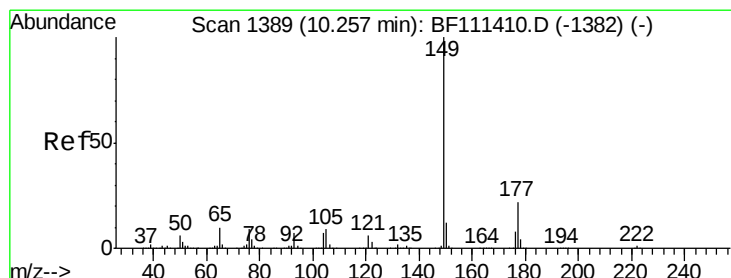
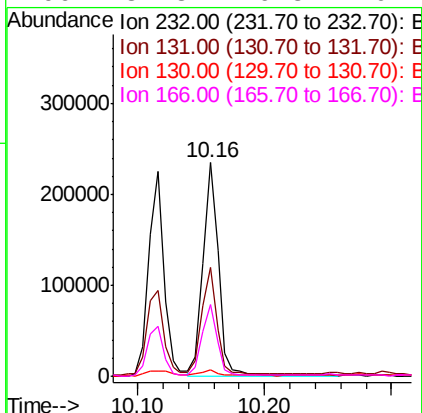
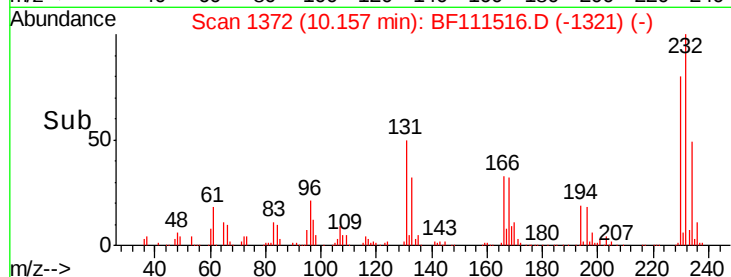
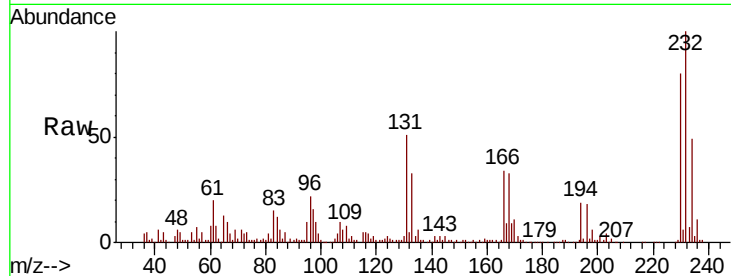
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.101 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	40.9	61.3
130	2.4	2.0	3.0
166	32.3	26.8	40.2

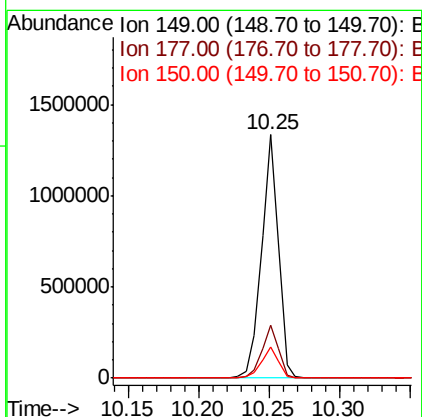
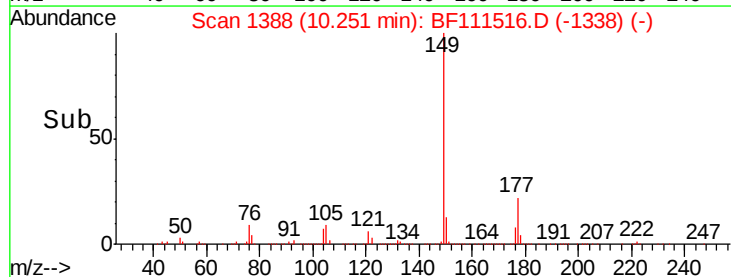
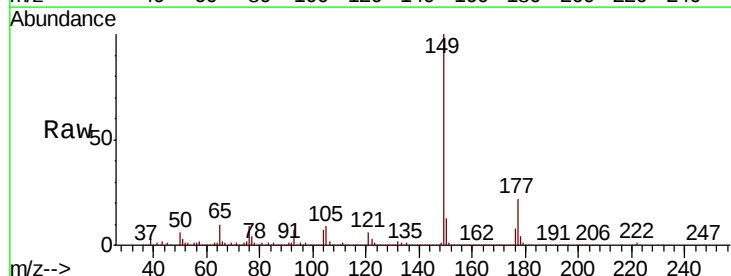
Manual Integrations
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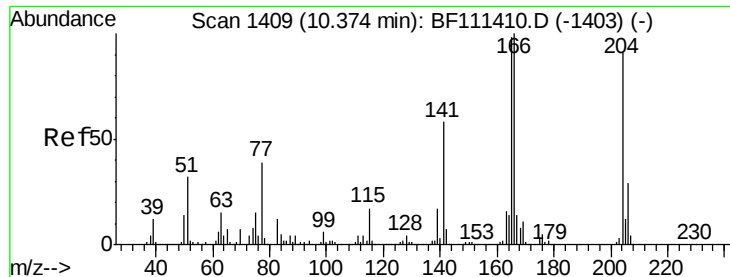
Sohil
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#60
 Diethylphthalate
 Concen: 43.964 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	12.7	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 40.763 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

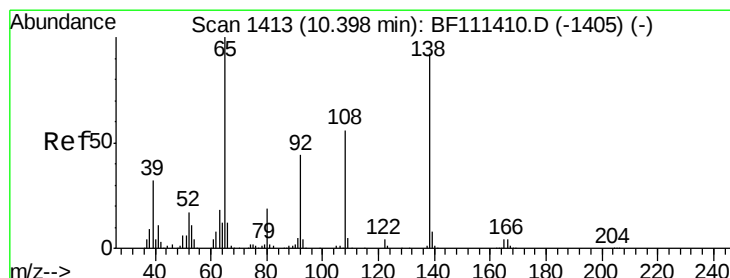
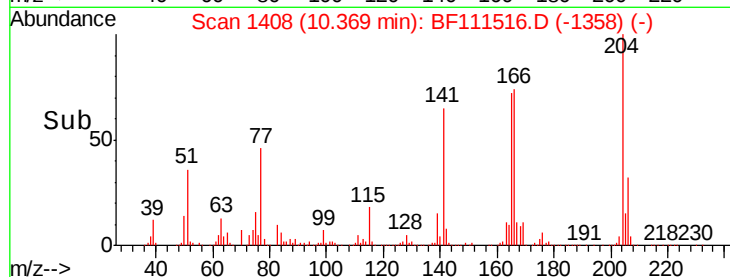
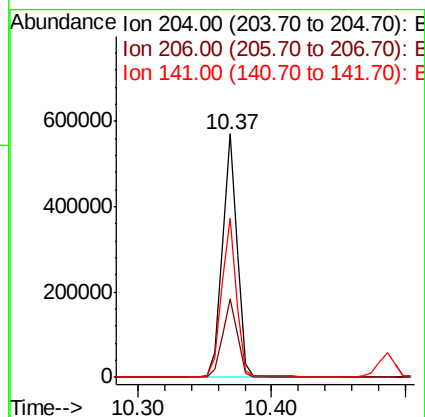
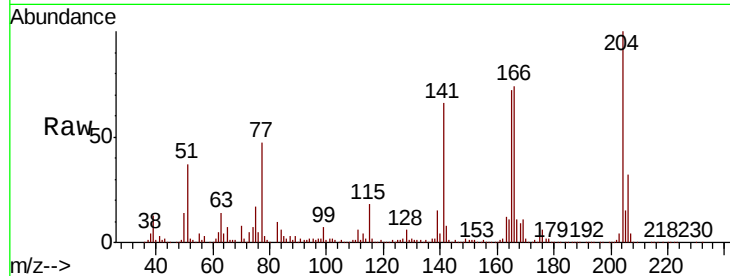
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:	204	Resp:	450357
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.6	39.8
141	65.6	52.6	78.8

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#62

4-Nitroaniline

Concen: 37.188 ng

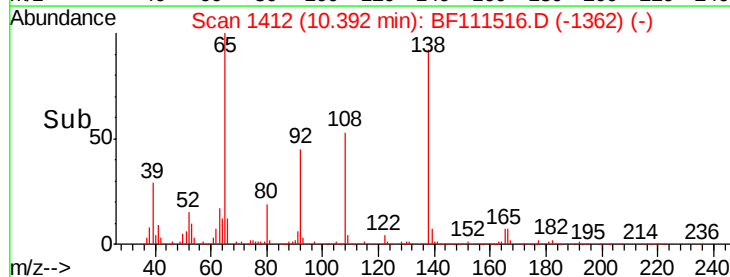
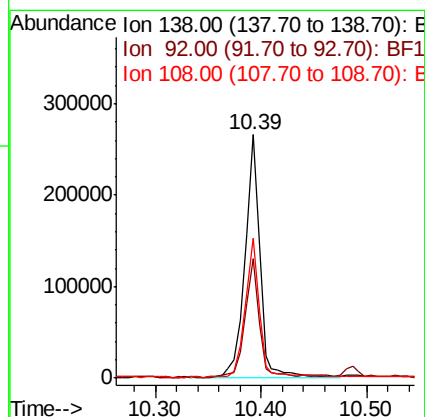
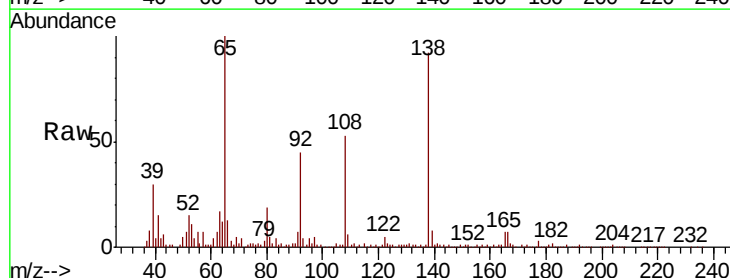
RT: 10.39 min Scan# 1412

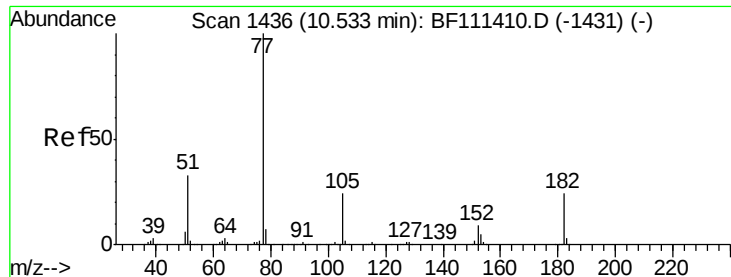
Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:	138	Resp:	257295
Ion Ratio	Lower	Upper	
138	100		
92	48.9	29.9	69.9
108	57.7	43.2	83.2





#63

Azobenzene

Concen: 40.665 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

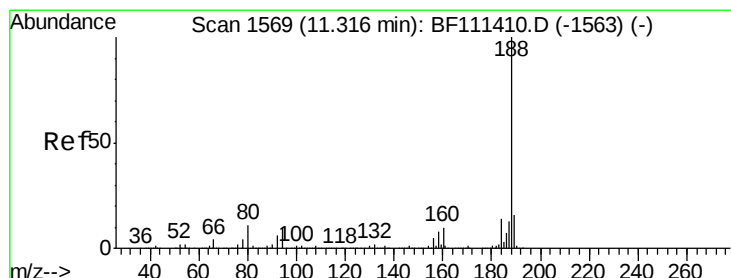
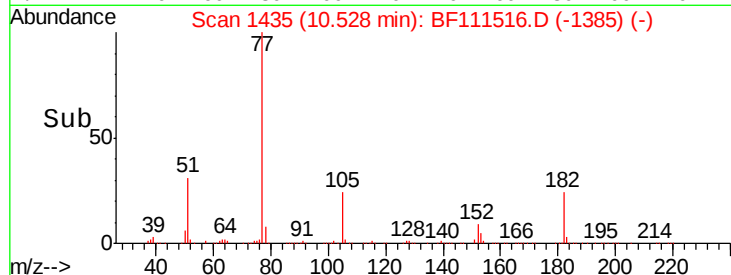
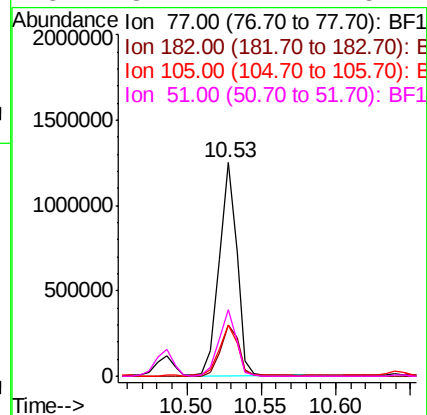
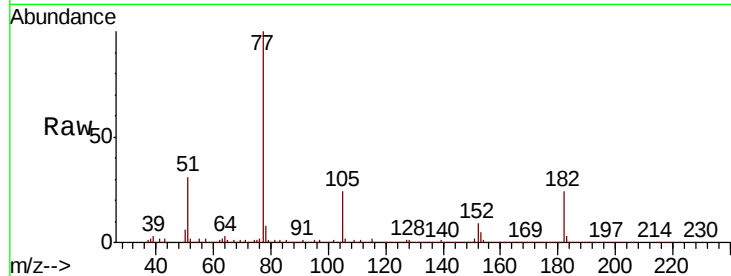
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	24.1	6.0	46.0
51	31.2	14.7	54.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

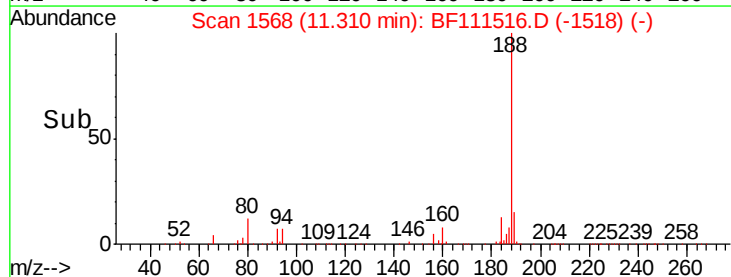
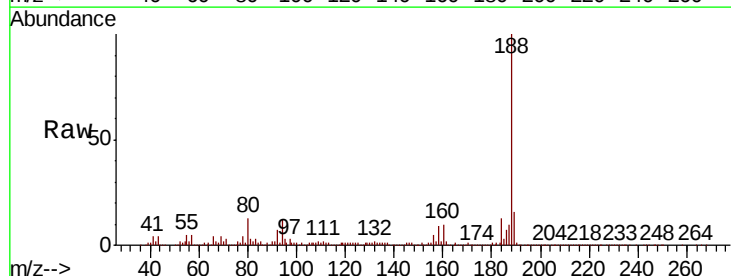
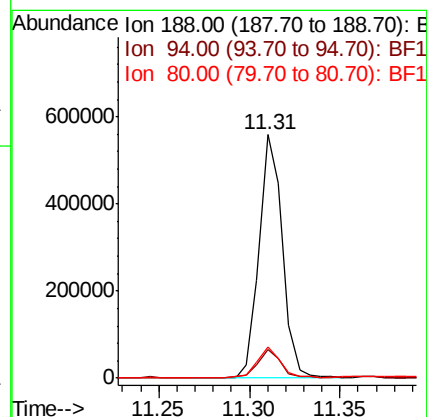
RT: 11.31 min Scan# 1568

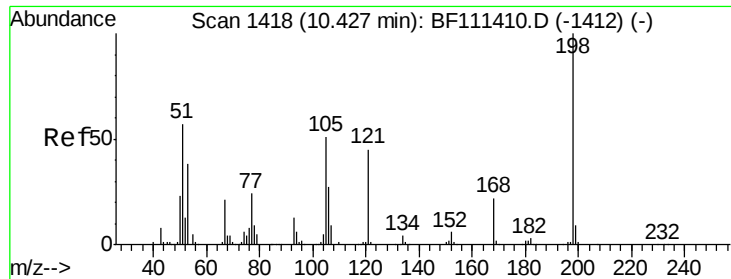
Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.6	14.4
80	12.9	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 2.845 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:198 Resp: 8046

Ion Ratio Lower Upper

198 100

51 71.7 48.0 88.0

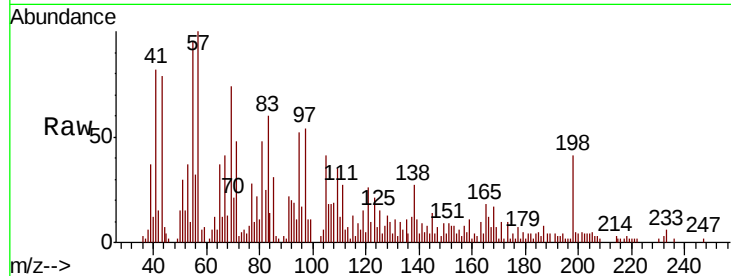
105 98.3 34.0 74.0#

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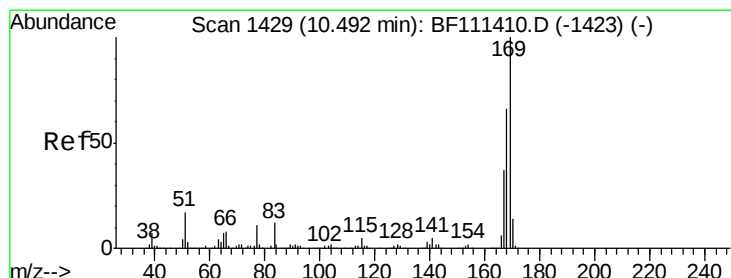
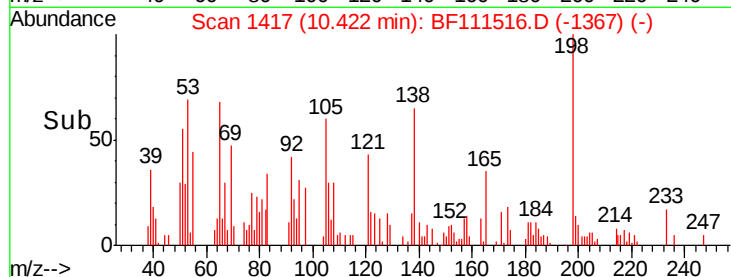
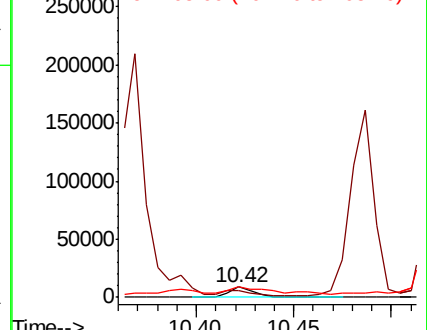
12/17/2018 11:19:53 AM



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: 51.534 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

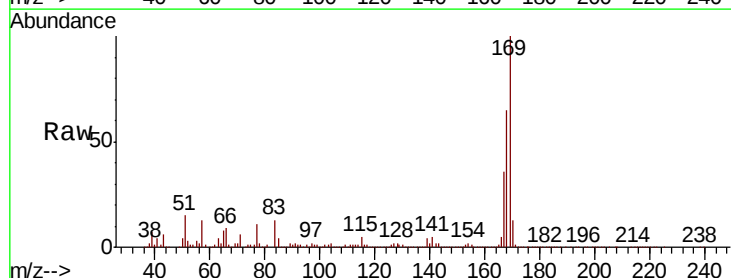
Tgt Ion:169 Resp: 890246

Ion Ratio Lower Upper

169 100

168 64.7 54.4 81.6

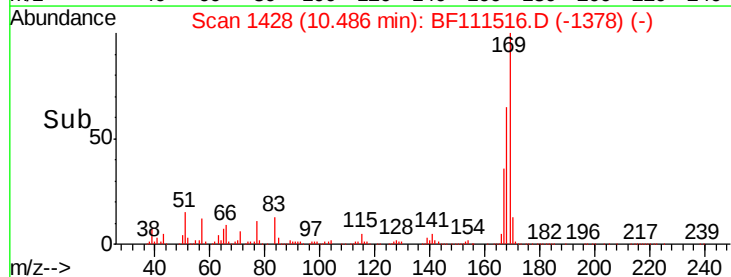
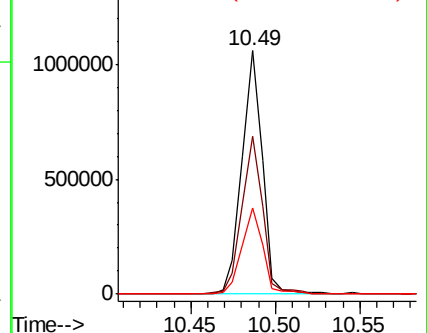
167 35.6 30.5 45.7

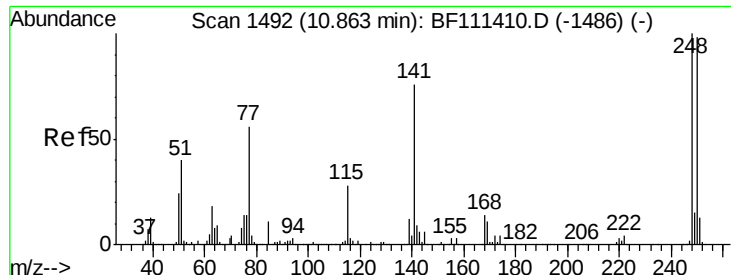


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





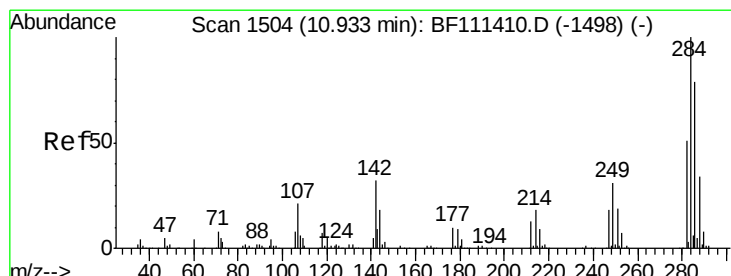
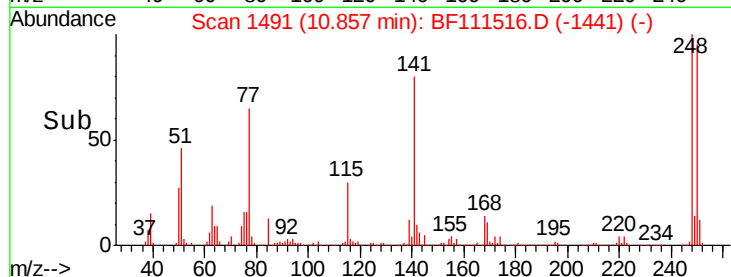
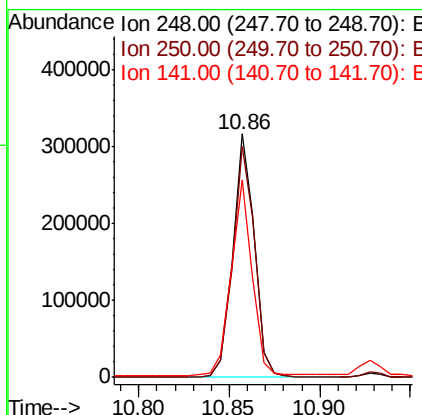
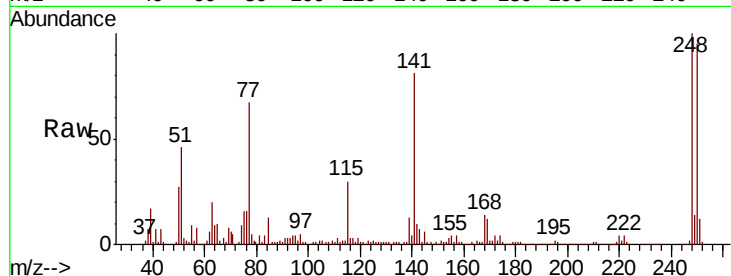
#67
4-Bromophenyl-phenylether
Concen: 48.711 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.0	115.4
141	81.1	63.0	94.6

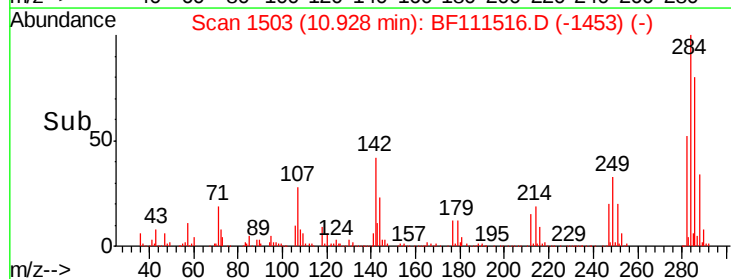
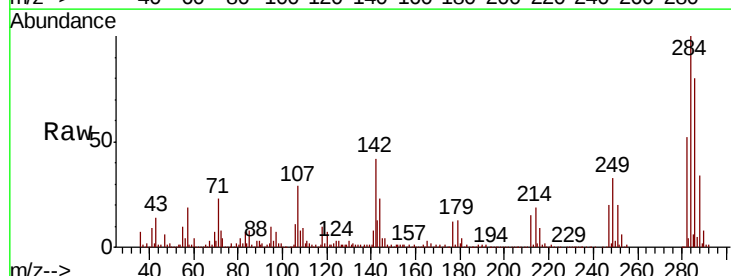
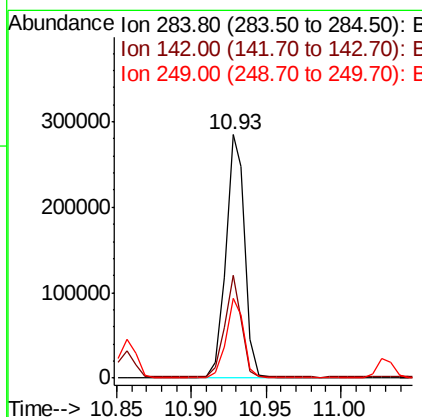
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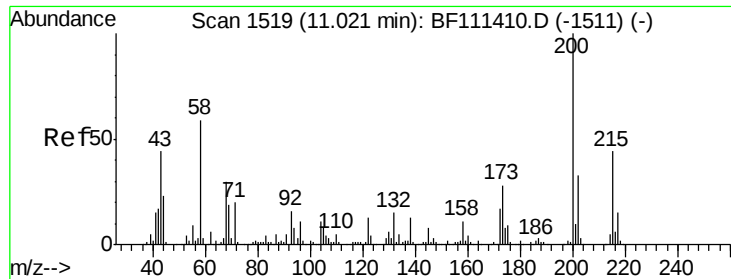
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#68
Hexachlorobenzene
Concen: 45.853 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	27.4	41.2#
249	32.8	24.4	36.6





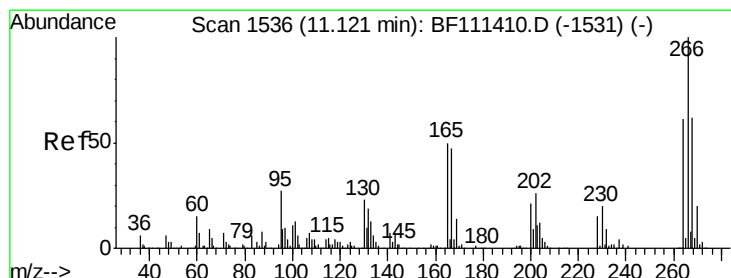
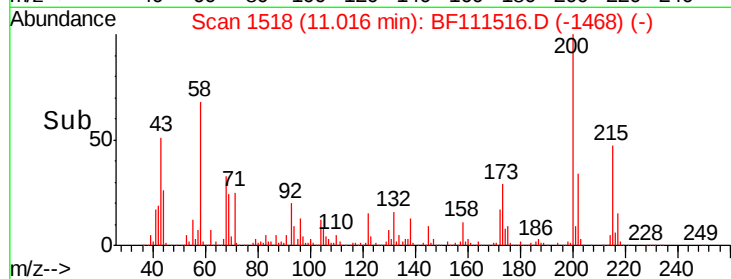
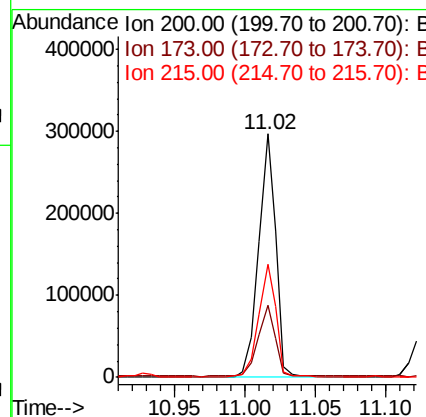
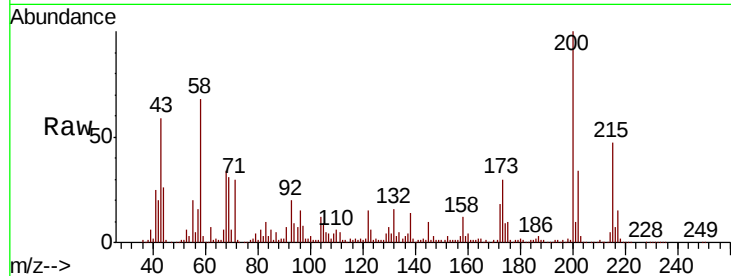
#69
Atrazine
Concen: 50.881 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.8	10.1	50.1
215	46.6	26.9	66.9

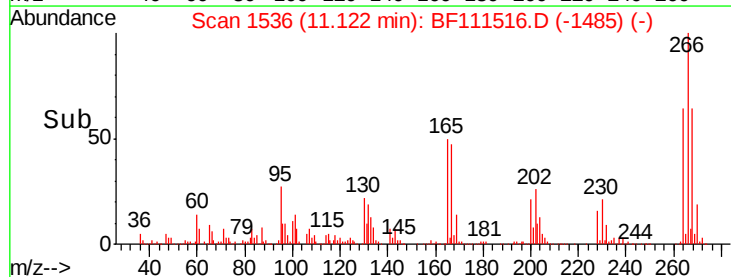
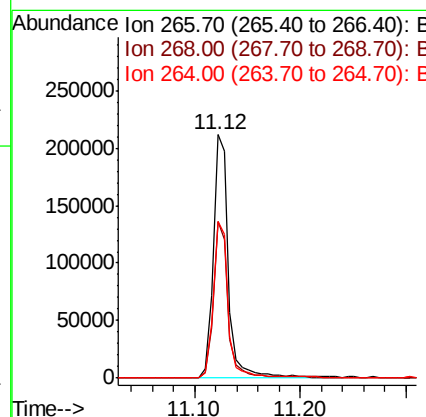
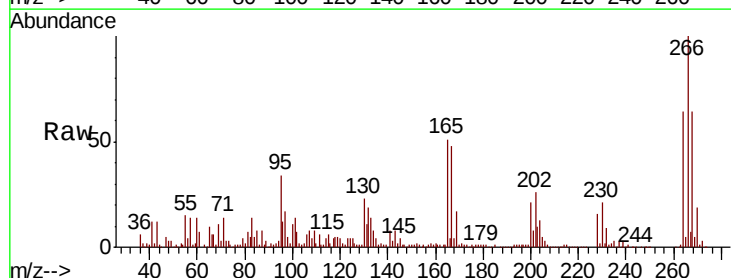
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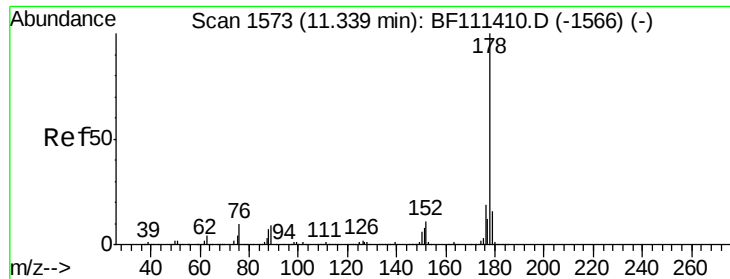
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#70
Pentachlorophenol
Concen: 63.055 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	47.9	71.9
264	64.1	49.1	73.7





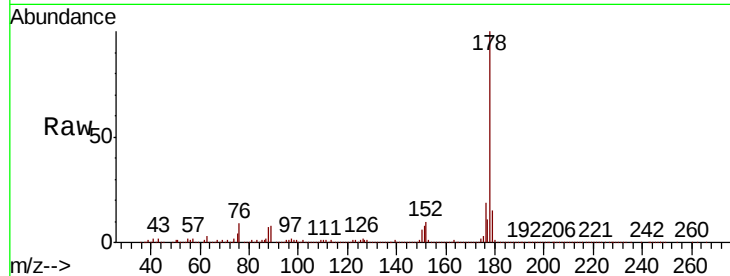
#71
Phenanthrene
Concen: 49.040 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

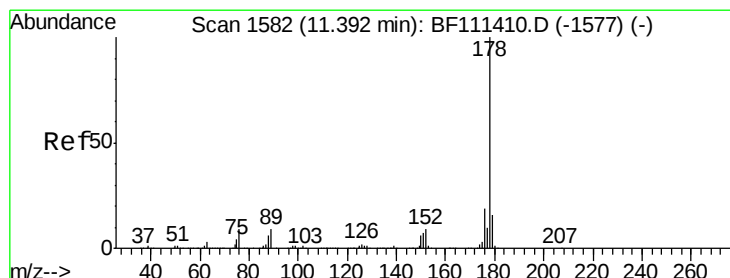
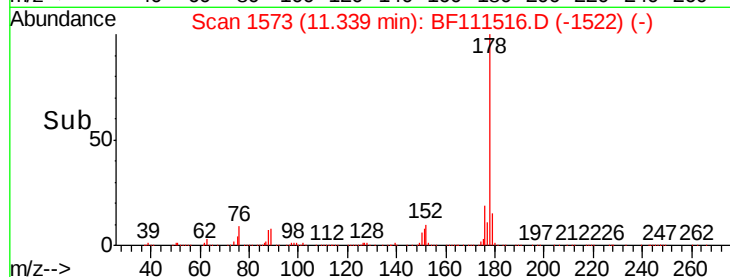
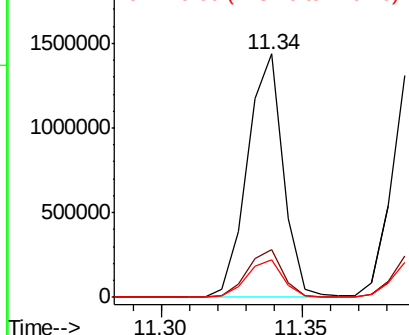
Tot Ion:178 Resp: 1265859
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 15.2 14.0 21.0

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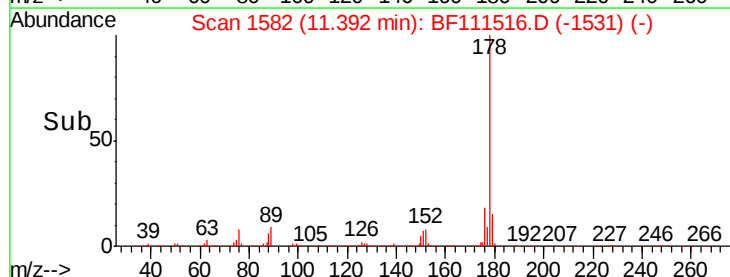
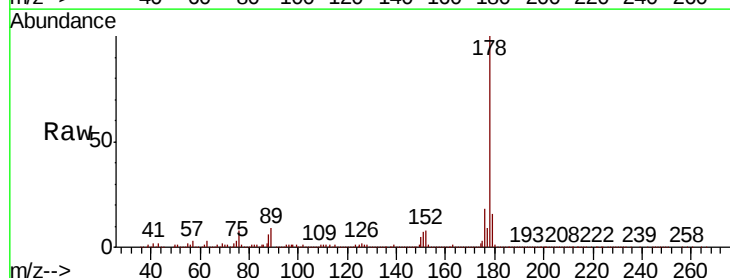
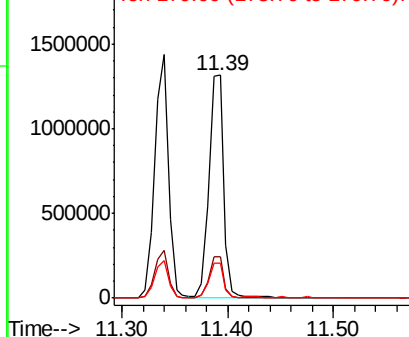
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

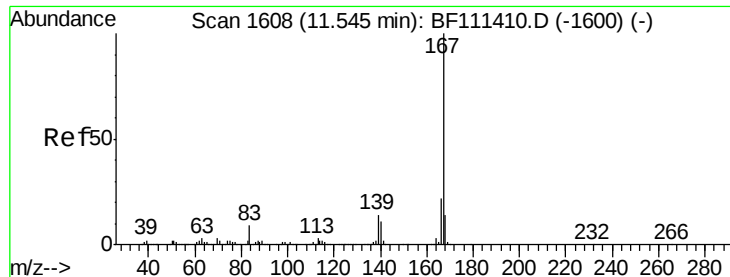


#72
Anthracene
Concen: 49.298 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:178 Resp: 1301386
Ion Ratio Lower Upper
178 100
176 18.3 17.2 25.8
179 15.7 13.8 20.8

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





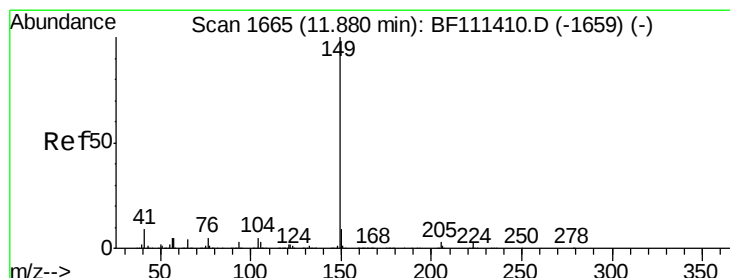
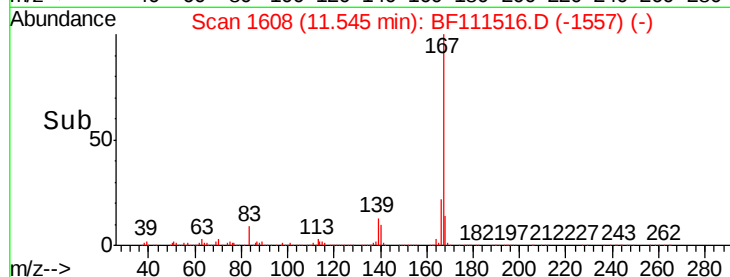
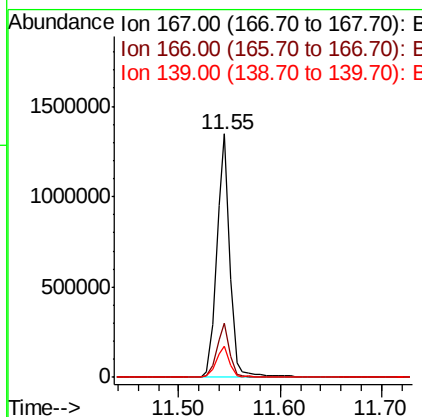
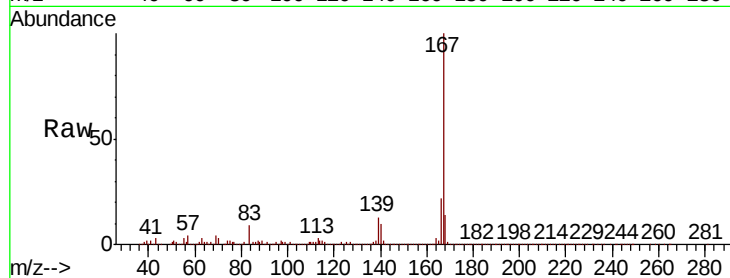
#73
 Carbazole
 Concen: 43.628 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	12.9	11.9	17.9

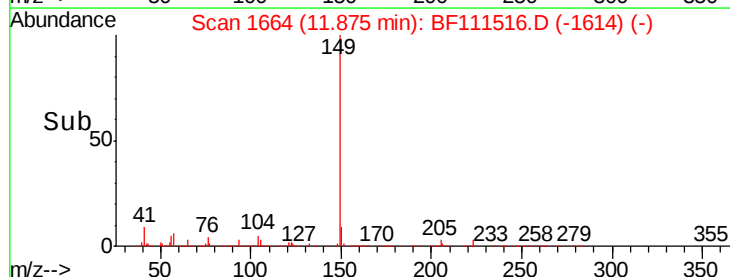
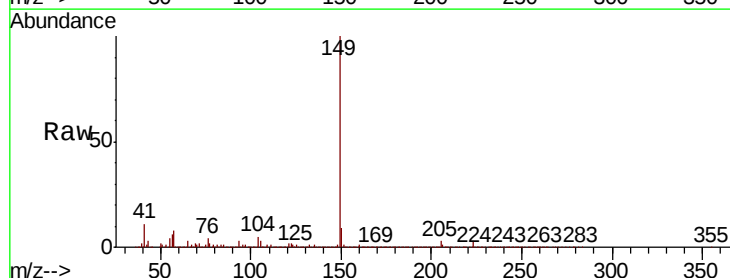
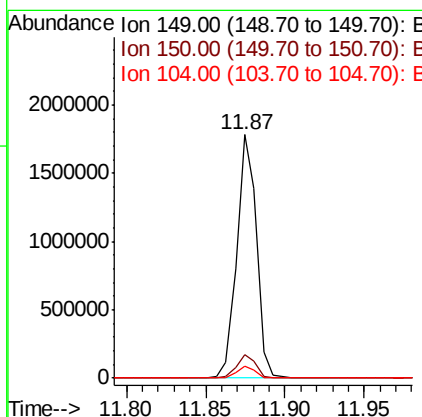
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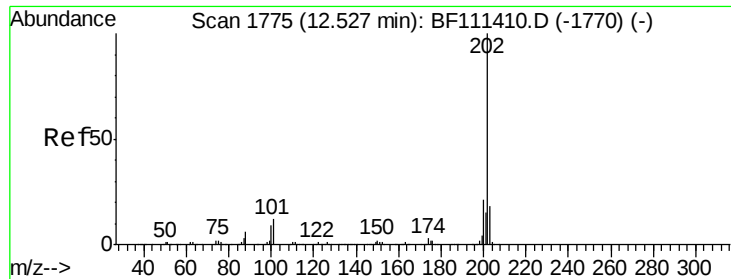
Sohil
 12/17/2018 11:19:53 AM



#74
 Di-n-butylphthalate
 Concen: 49.956 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 48.214 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:202 Resp: 1217529

Ion Ratio Lower Upper

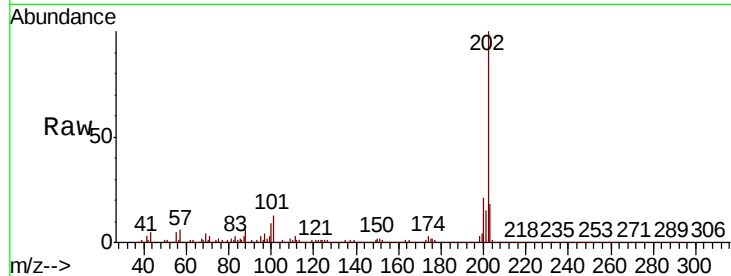
202 100

101 12.7 0.0 33.8

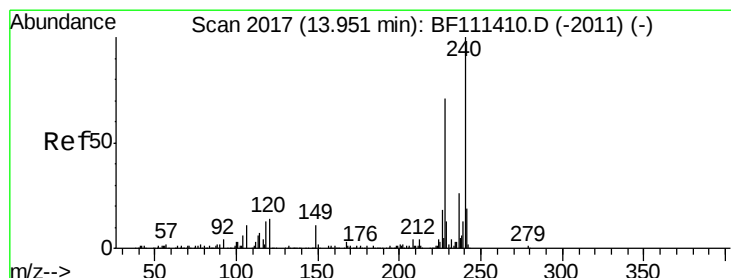
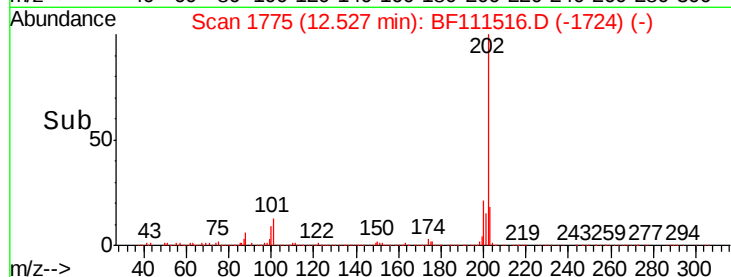
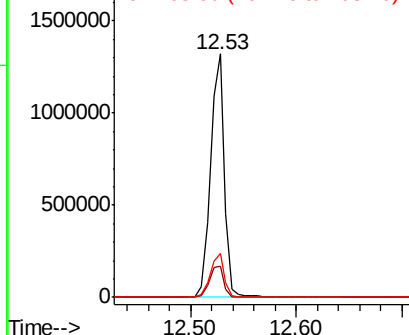
203 17.9 0.0 38.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

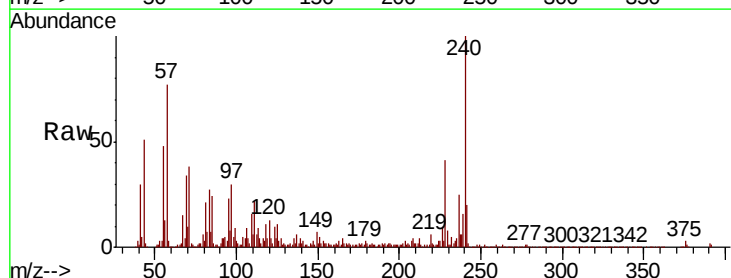
Tgt Ion:240 Resp: 305753

Ion Ratio Lower Upper

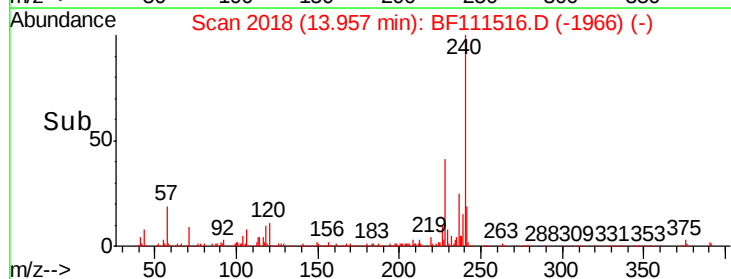
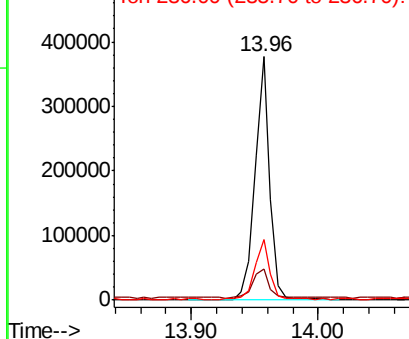
240 100

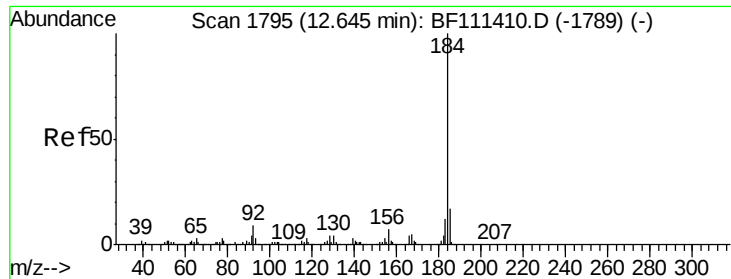
120 12.5 12.2 18.2

236 24.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.362 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

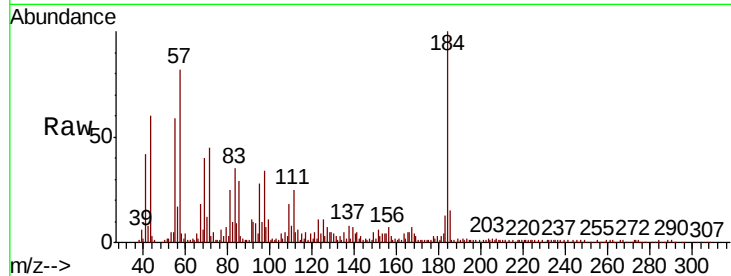
ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:	184	Resp:	195138
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.6
183	12.7	9.3	13.9

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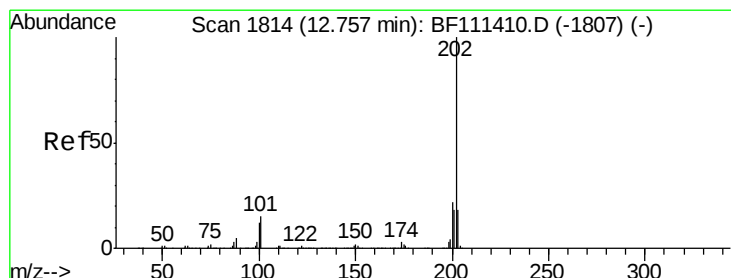
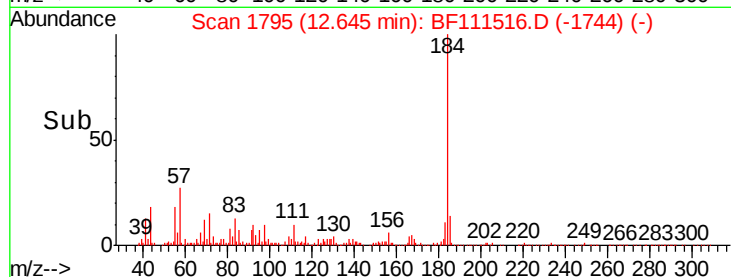
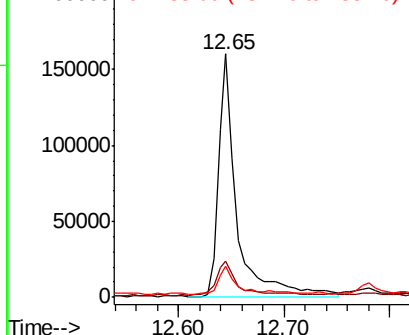


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.546 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

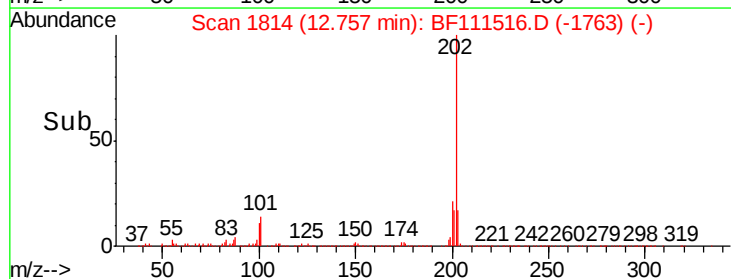
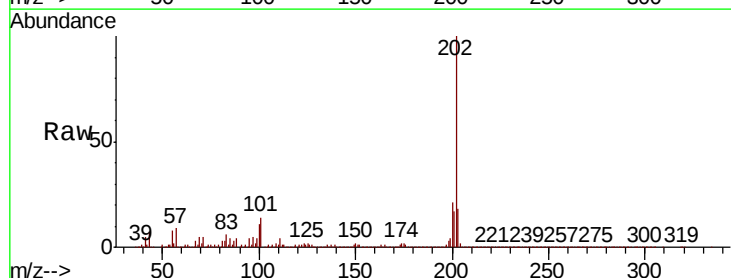
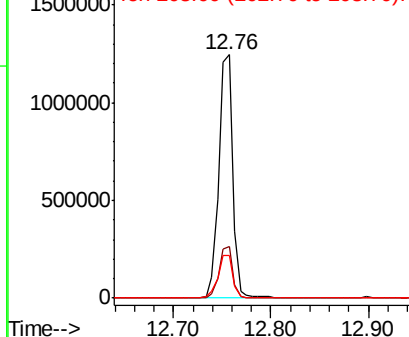
Tgt Ion:	202	Resp:	1240494
Ion Ratio	Lower	Upper	
202	100		
200	21.2	19.0	28.4
203	17.5	15.2	22.8

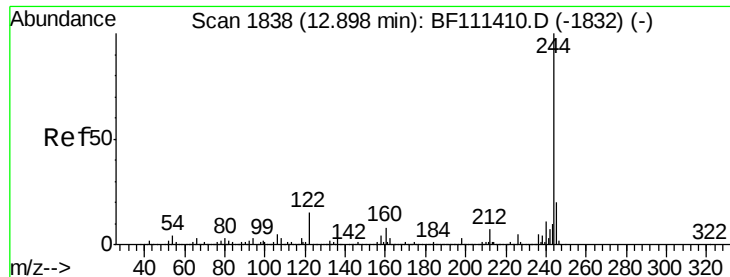
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





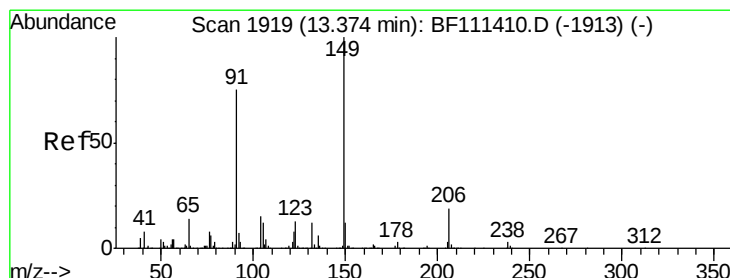
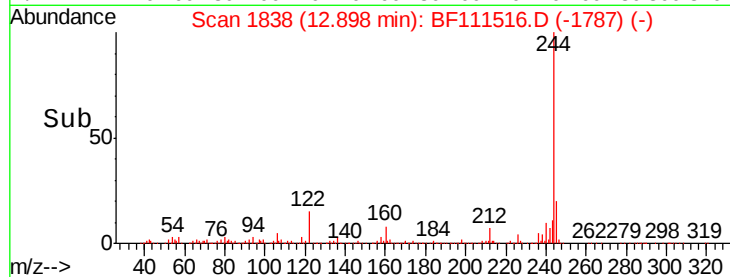
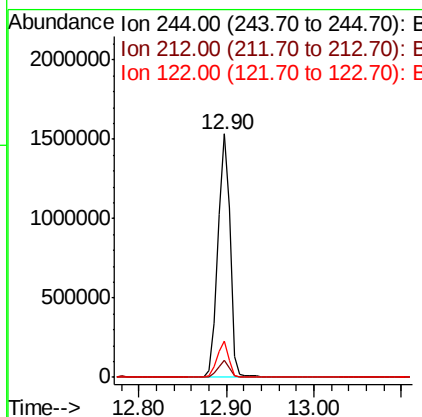
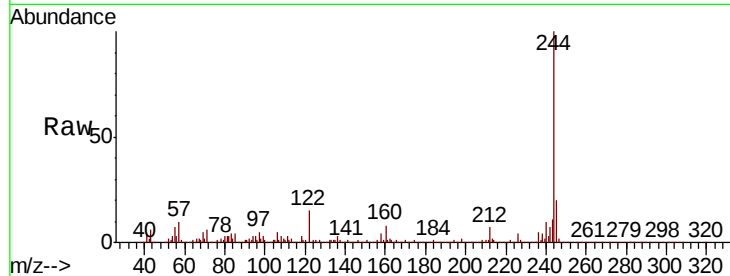
#79
 Terphenyl-d14
 Concen: 114.265 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.8	13.1	19.7

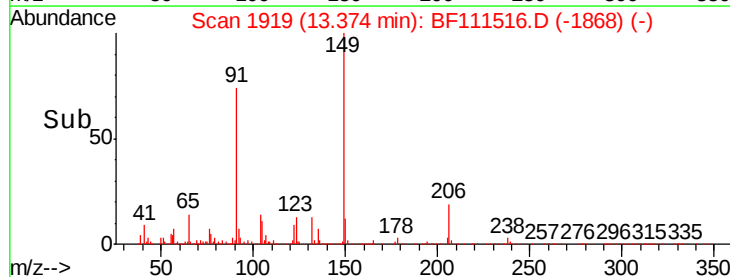
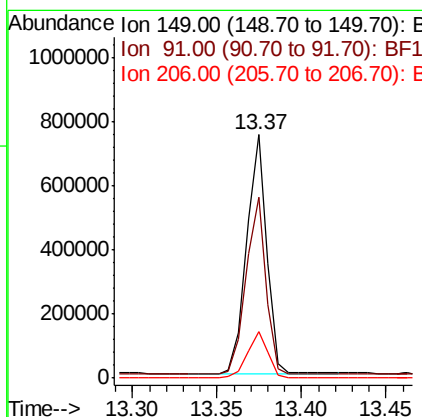
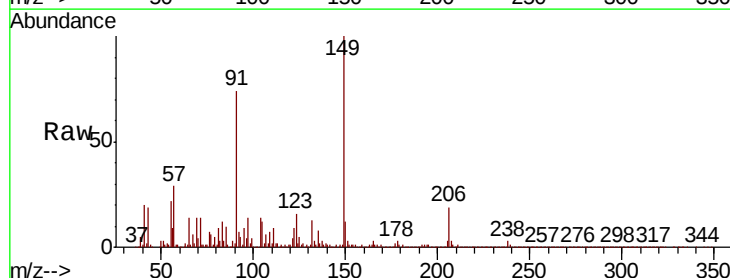
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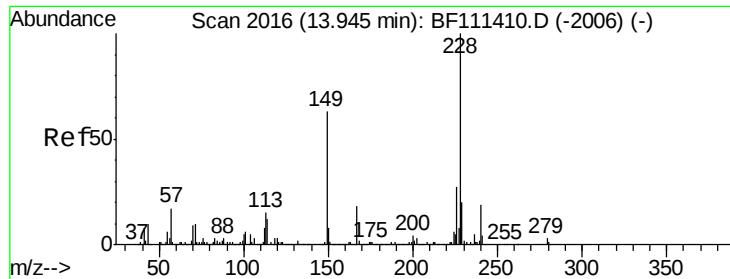
Sohil
 12/17/2018 11:19:53 AM



#80
 Butylbenzylphthalate
 Concen: 59.699 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	63.8	95.6
206	19.3	15.1	22.7





#81

Benzo(a)anthracene

Concen: 47.793 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

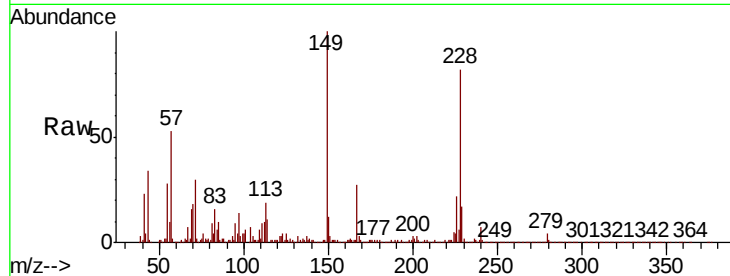
ClientSampleId :

P001-SS001-0002-01MS

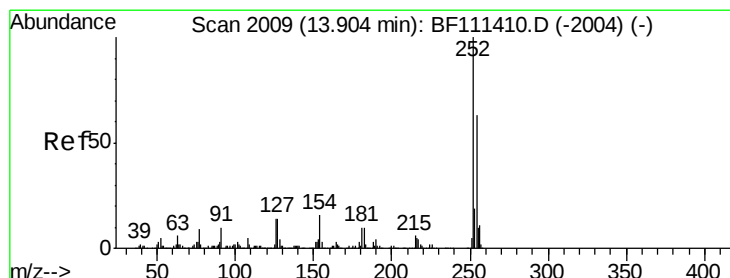
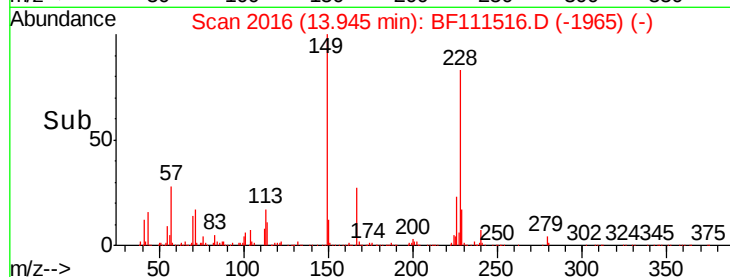
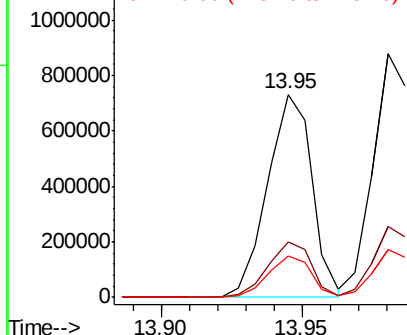
Tot Ion:	228	Resp:	794564
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	34.0
229	20.4	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.901 ng

RT: 13.90 min Scan# 2009

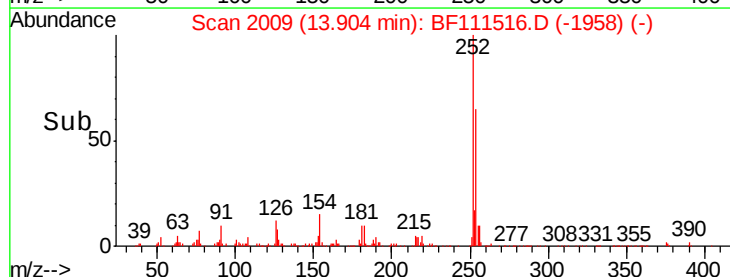
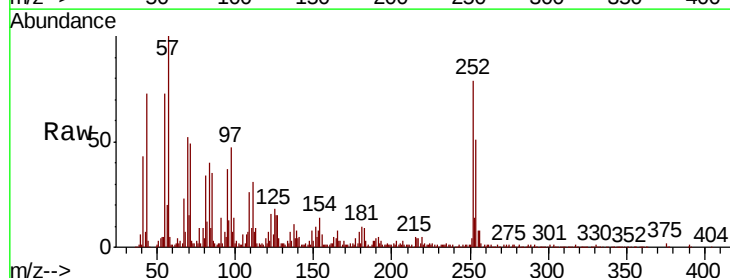
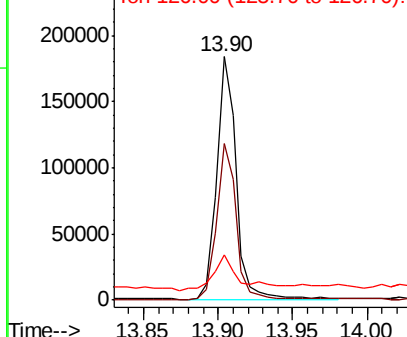
Delta R.T. 0.00 min

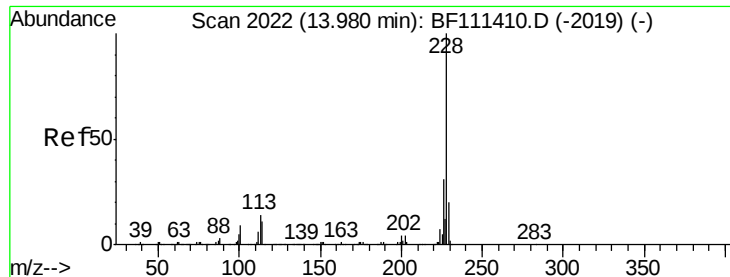
Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:	252	Resp:	168293
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.7	79.1
126	18.8	11.1	16.7#

Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
200000
Ion 126.00 (125.70 to 126.70): E





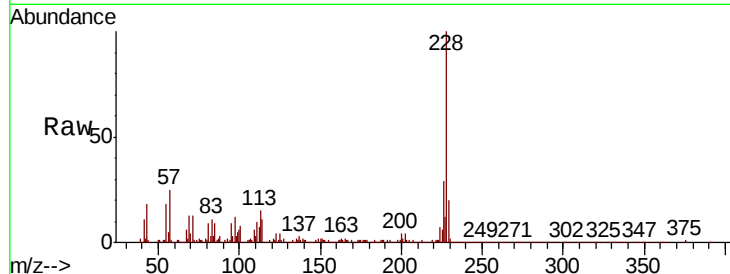
#83
 Chrvsene
 Concen: 47.361 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.3	37.9
229	19.5	17.2	25.8

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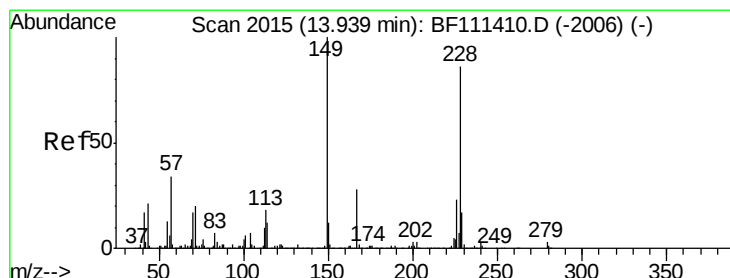
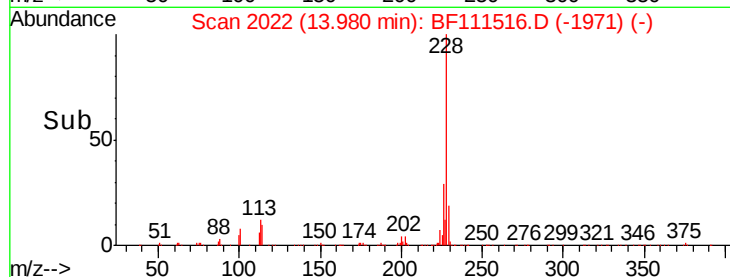
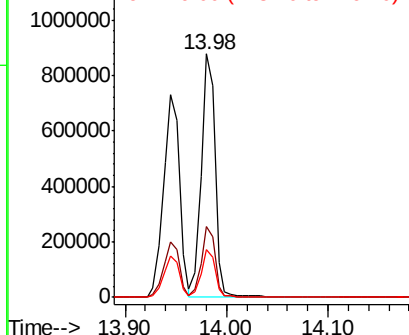


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 73.399 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

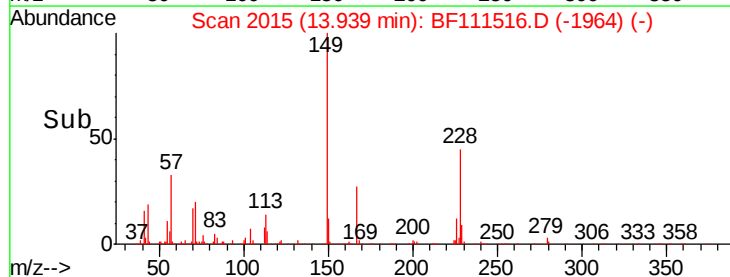
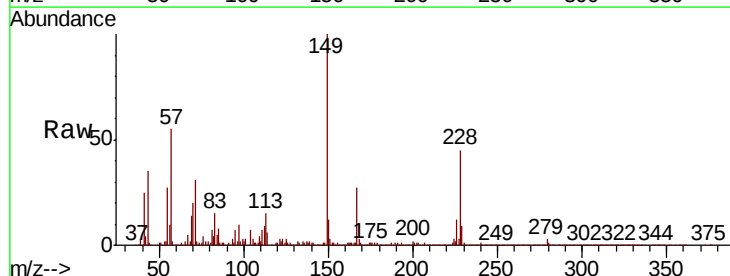
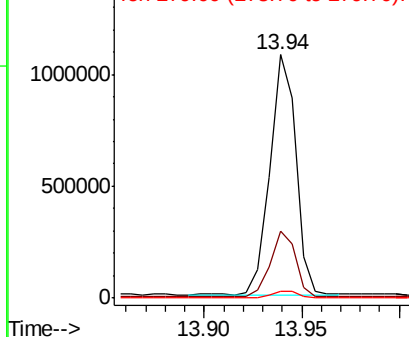
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	3.0	2.6	4.0

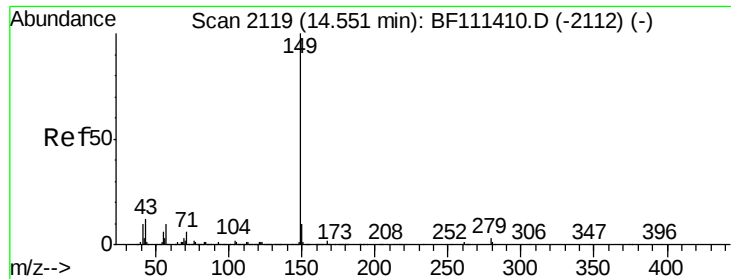
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.873 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tot Ion:149 Resp: 1196896

Ion Ratio Lower Upper

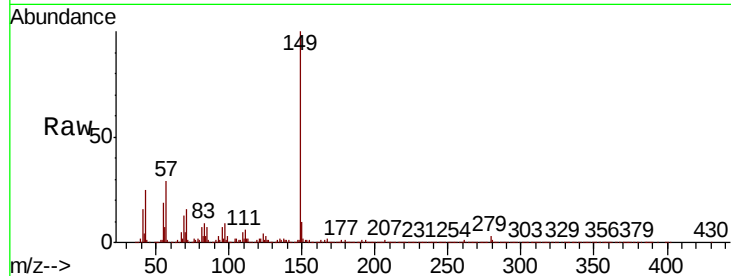
149 100

167 1.8 1.3 1.9

43 20.3 10.9 16.3#

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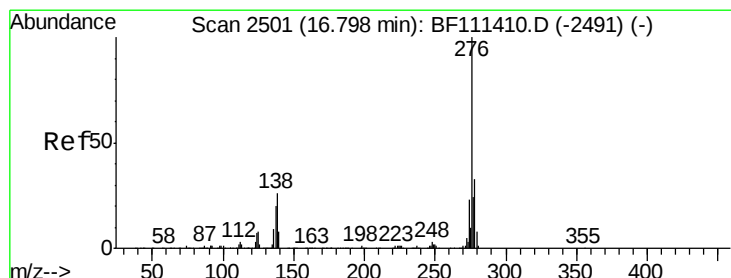
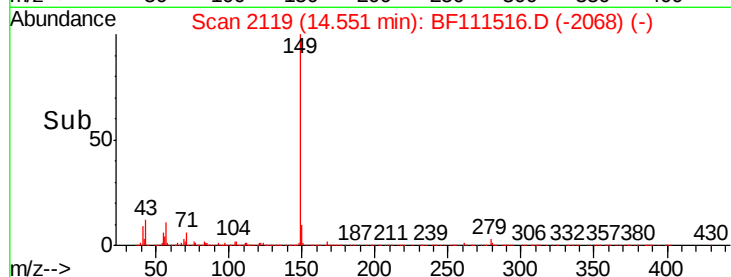
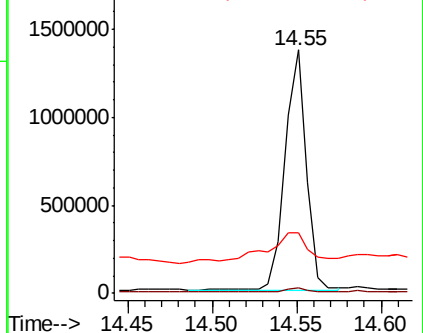
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.358 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.02 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

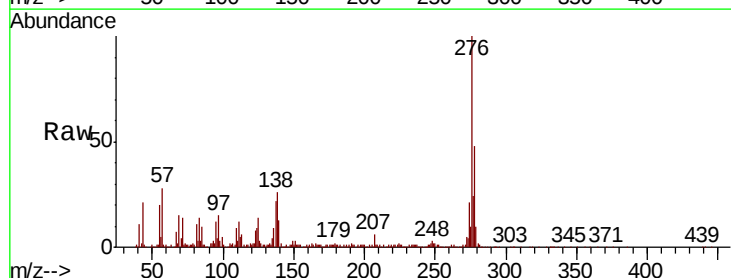
Tgt Ion:276 Resp: 510124

Ion Ratio Lower Upper

276 100

138 27.7 27.8 41.6#

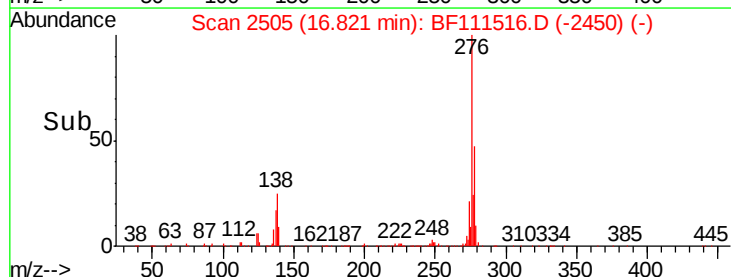
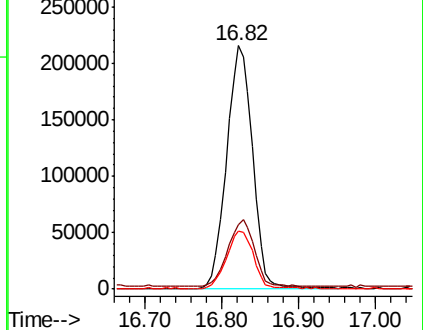
277 23.7 20.1 30.1

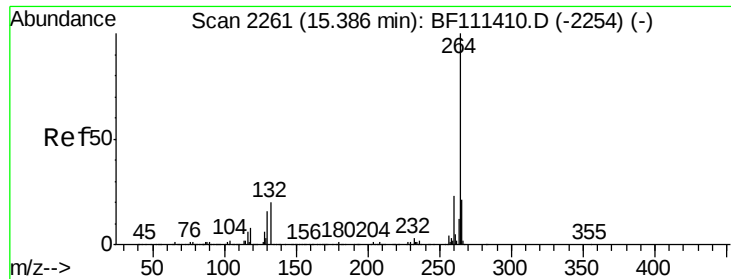


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

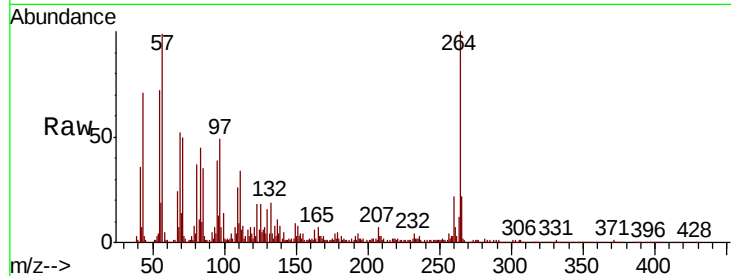
ClientSampleId :

P001-SS001-0002-01MS

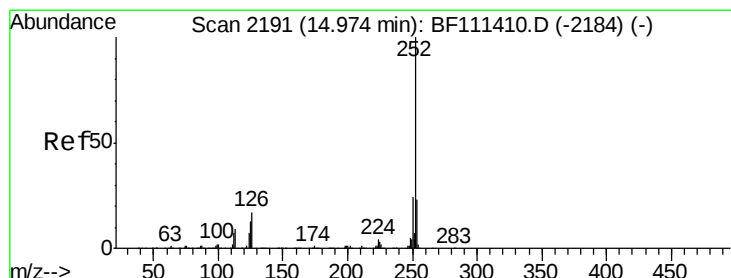
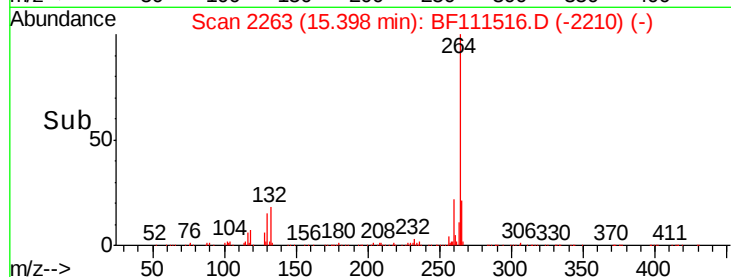
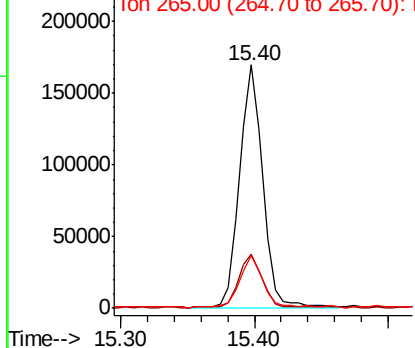
Tot Ion:	264	Resp:	202970
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.3	27.5
265	21.6	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.603 ng

RT: 14.99 min Scan# 2193

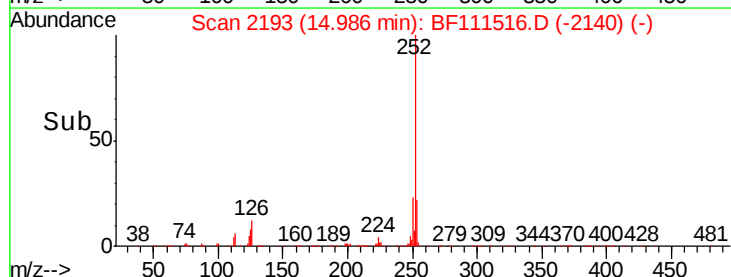
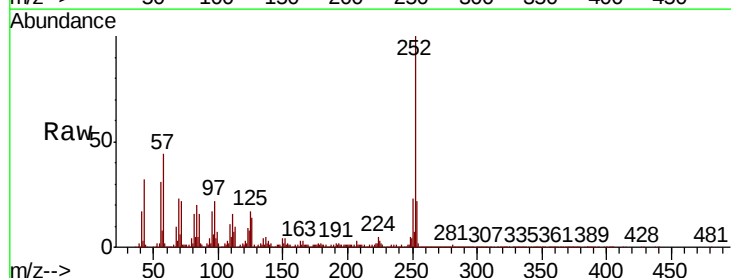
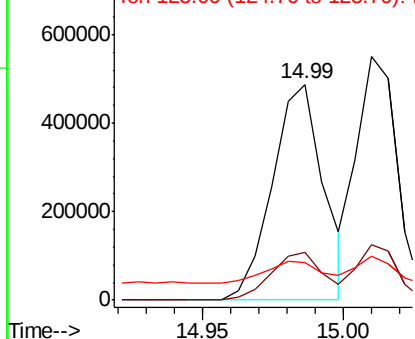
Delta R.T. 0.01 min

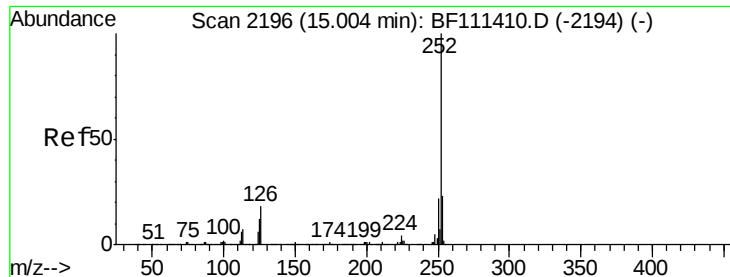
Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:	252	Resp:	610646
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	17.4	10.4	15.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





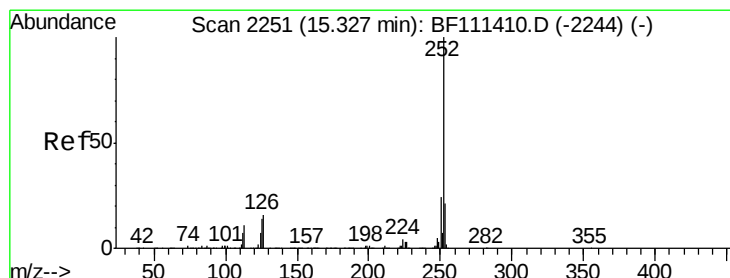
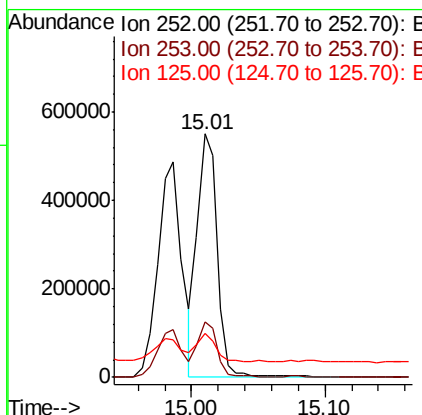
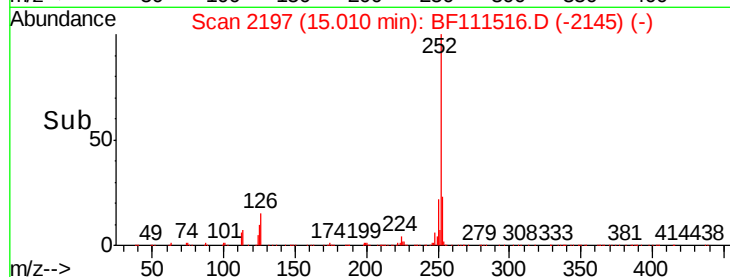
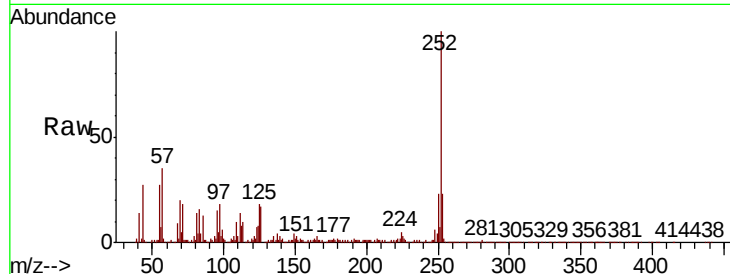
#89
Benzo(k)fluoranthene
Concen: 49.228 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	18.2	9.8	14.8

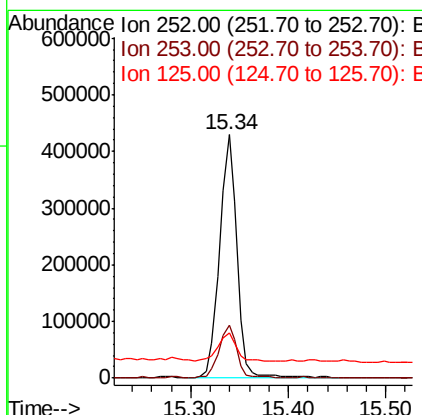
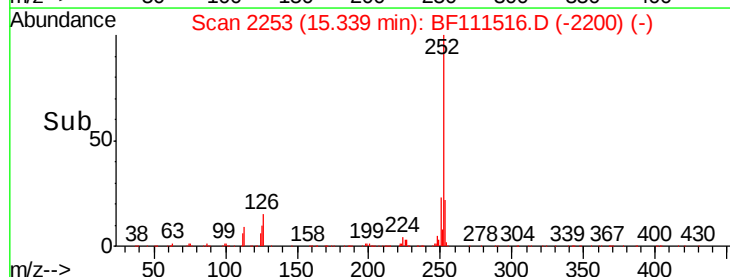
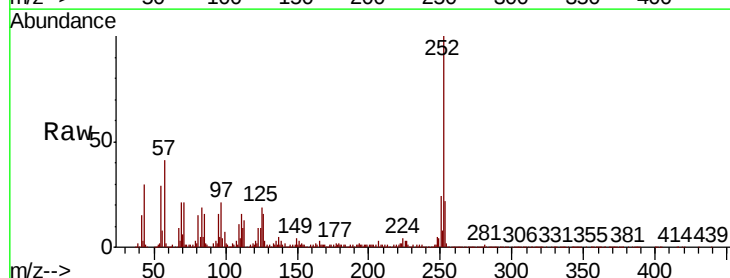
Manual Integrations
APPROVED

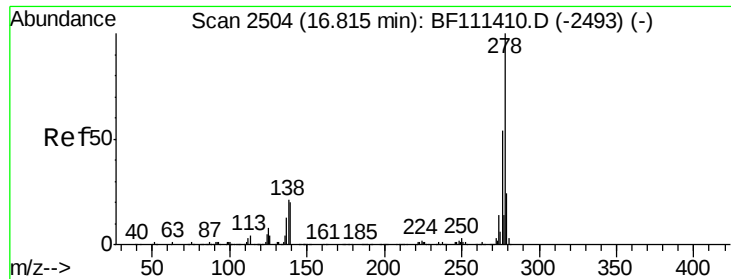
Sohil
12/17/2018 11:19:53 AM



#90
Benzo(a)pyrene
Concen: 49.277 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	18.5	12.3	18.5





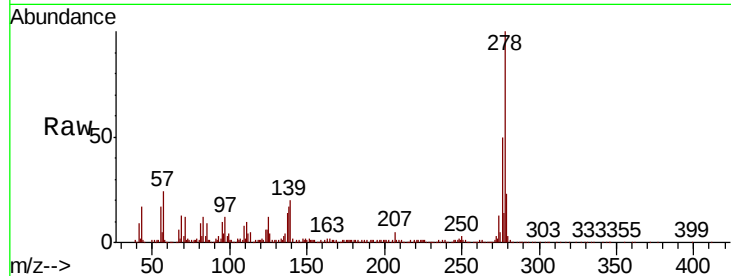
#91
Dibenzo(a,h)anthracene
Concen: 50.729 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	18.2	27.4
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 11:19:53 AM

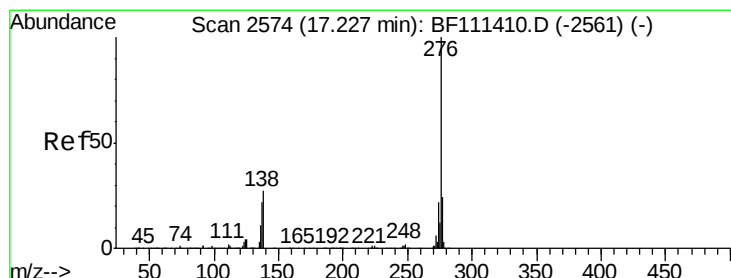
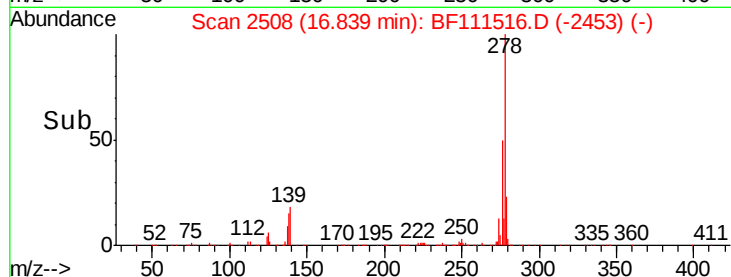
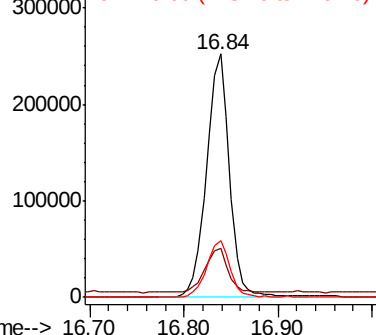


Abundance

Ion 278.00 (277.70 to 278.70): E

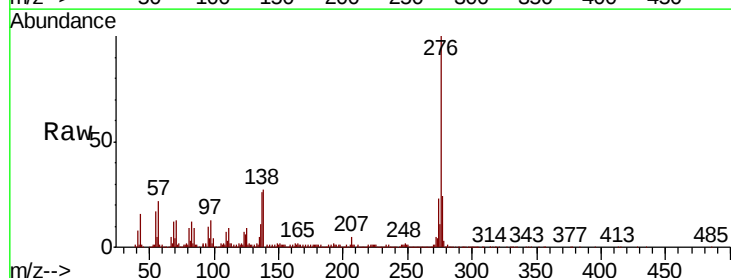
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 73.581 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	27.5	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

