

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
 Data File : BF112218.D
 Acq On : 24 Jan 2019 19:33
 Operator : JU/SJ
 Sample : K1223-06 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-R

Quant Time: Jan 25 00:04:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194420	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	867593	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	383404	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	608614	20.00	ng	0.00
76) Chrysene-d12	14.03	240	424881	20.00	ng	0.00
87) Perylene-d12	15.51	264	300198	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	659282	61.55	ng	0.00
7) Phenol-d6	6.50	99	630217	47.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	429112	34.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	200770	48.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	861312	32.94	ng	0.00
79) Terphenyl-d14	12.96	244	625122	31.30	ng	0.00

Target Compounds

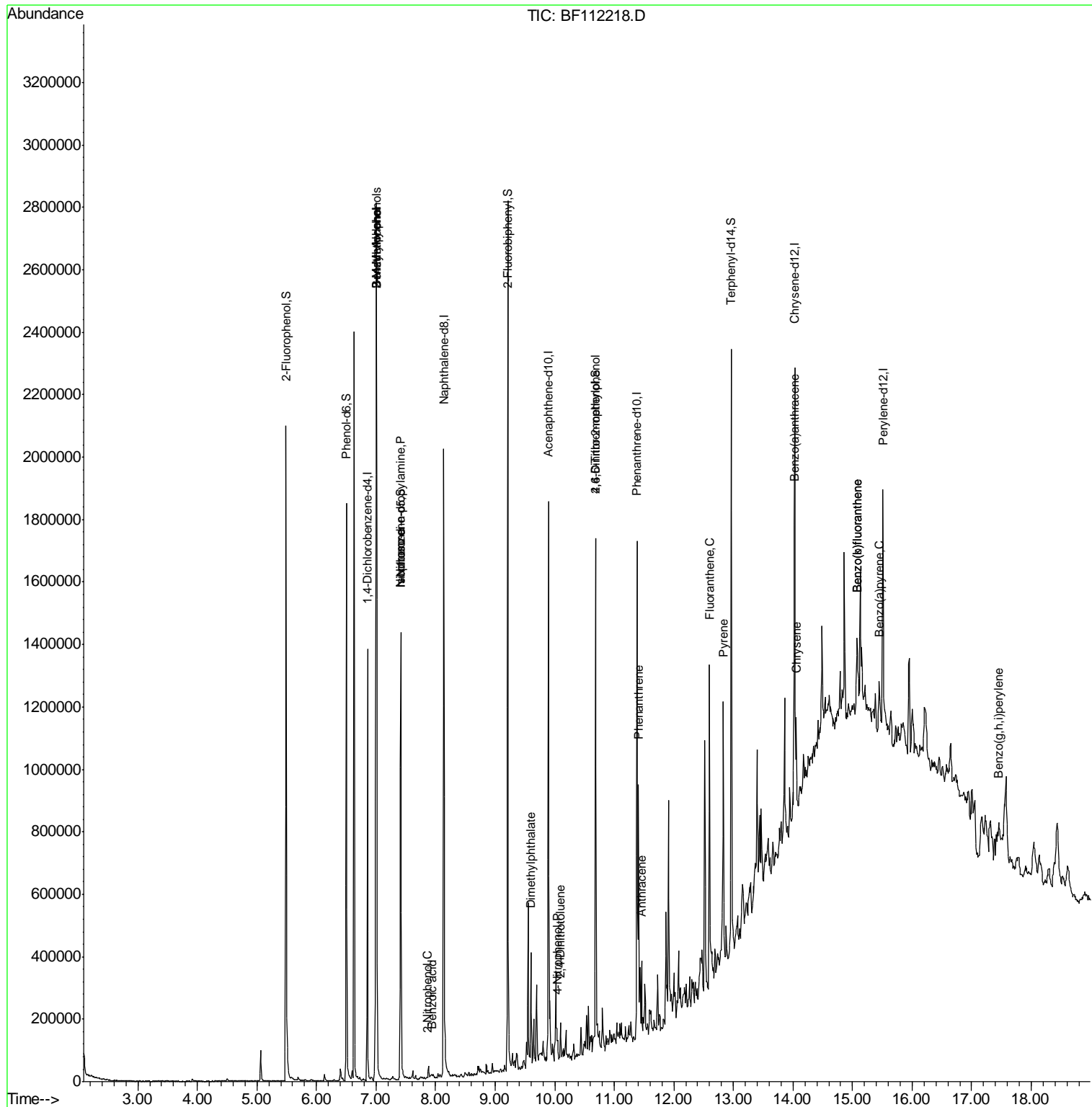
						Qvalue
15) Benzyl Alcohol	7.00	79	475192	47.591	ng	97
17) 2-Methylphenol	7.00	107	256593	27.465	ng	# 18
19) n-Nitroso-di-n-propylamine	7.42	70	58464	7.161	ng	# 75
20) 3+4-Methylphenols	7.00	107	240823	21.259	ng	# 44
25) Isophorone	7.42	82	426337	17.577	ng	# 64
26) 2-Nitrophenol	7.86	139	111	5.695	ng	# 1
32) Benzoic acid	7.93	122	2416	7.683	ng	# 29
50) Dimethylphthalate	9.60	163	110184	3.941	ng	99
56) 4-Nitrophenol	10.05	139	430	5.744	ng	# 1
57) 2,4-Dinitrotoluene	10.10	165	1539	4.776	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.69	198	423	10.201	ng	# 1
71) Phenanthrene	11.41	178	297574	9.715	ng	97
72) Anthracene	11.46	178	68474	2.207	ng	98
75) Fluoranthene	12.60	202	369418	11.423	ng	98
78) Pyrene	12.83	202	315376	11.251	ng	99
81) Benzo(a)anthracene	14.02	228	139237	5.715	ng	99
83) Chrysene	14.06	228	121728	5.281	ng	95
88) Benzo(b)fluoranthene	15.07	252	154806	9.085	ng	# 82
89) Benzo(k)fluoranthene	15.07	252	154806	9.386	ng	# 82
90) Benzo(a)pyrene	15.44	252	75414	4.826	ng	# 86
92) Benzo(g,h,i)perylene	17.46	276	35573	2.602	ng	# 88

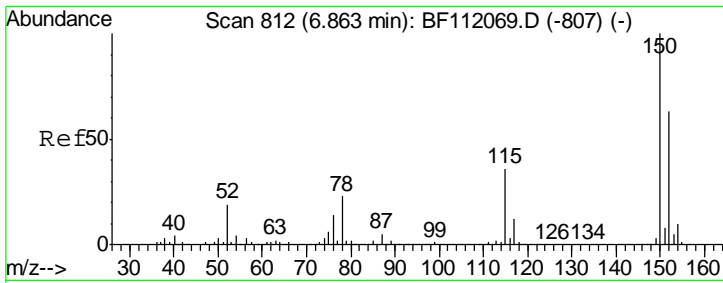
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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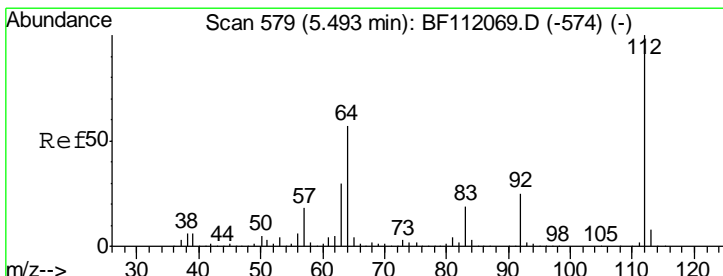
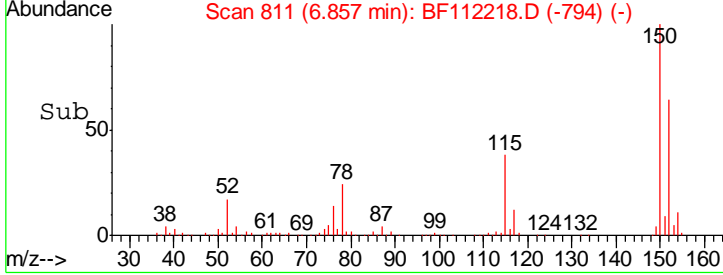
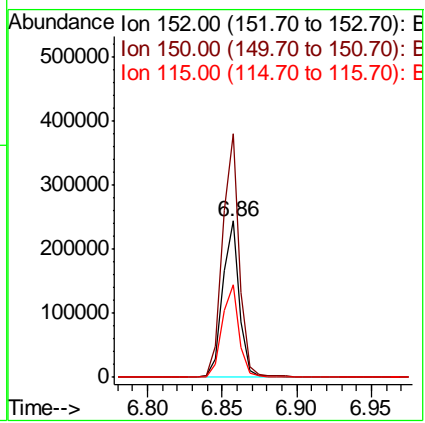
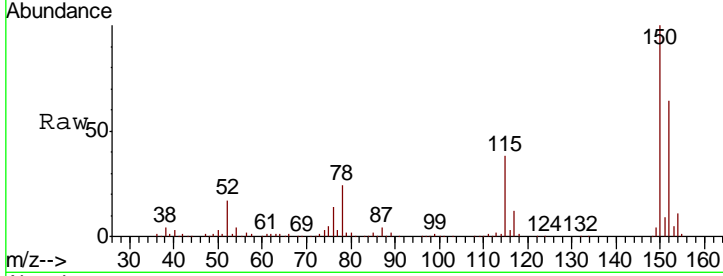




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

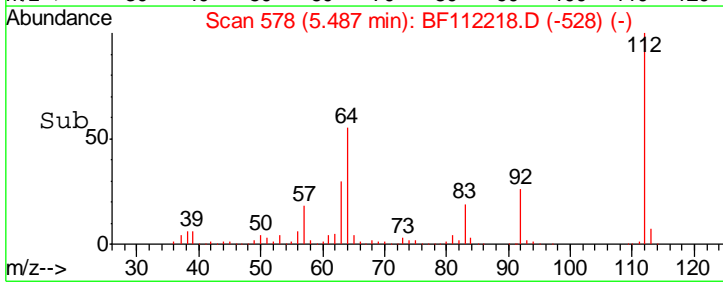
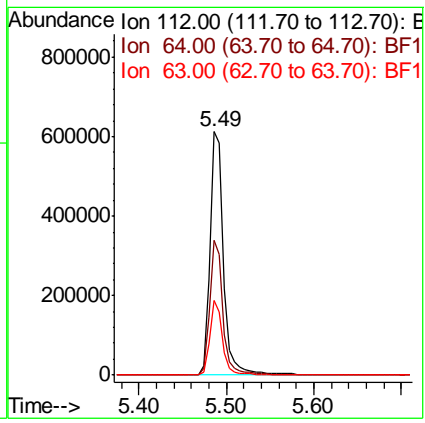
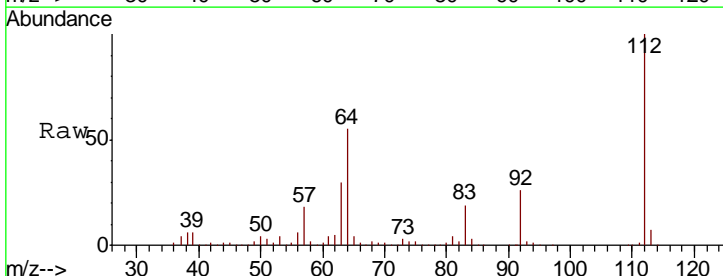
Instrument :
 BNA_F
 ClientSampleId :
 TS-R

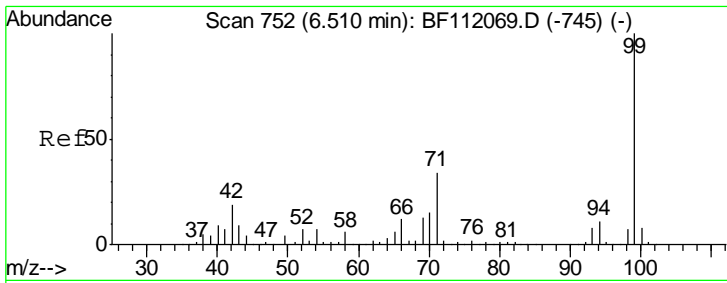
Tgt Ion	Resp	Lower	Upper
152	194420		
150	155.9	127.4	191.0
115	59.4	45.5	68.3



#5
 2-Fluorophenol
 Concen: 61.548 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
112	659282		
64	55.4	45.7	68.5
63	30.5	23.6	35.4

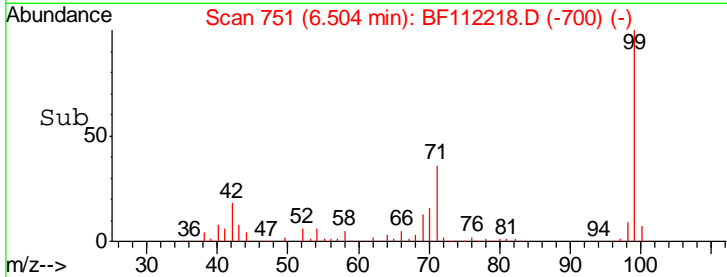
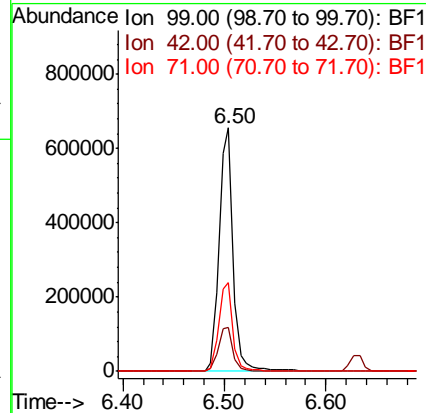
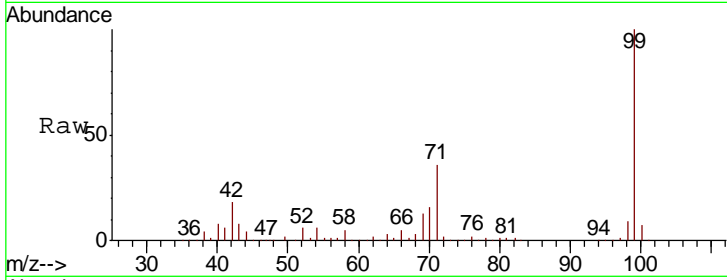




#7
 Phenol-d6
 Concen: 47.025 ng
 RT: 6.50 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

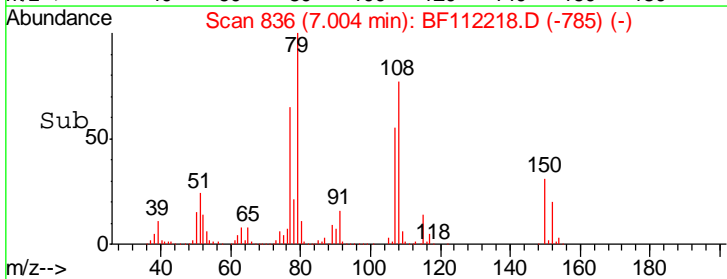
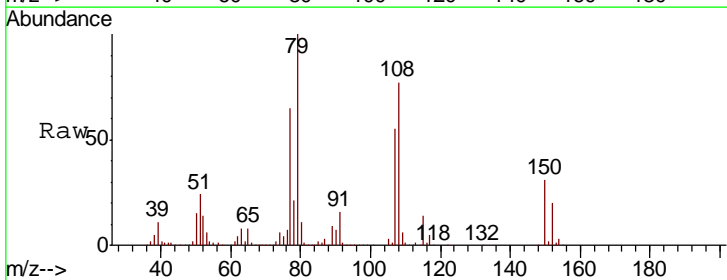
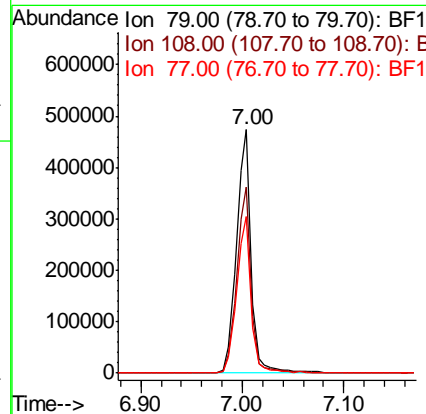
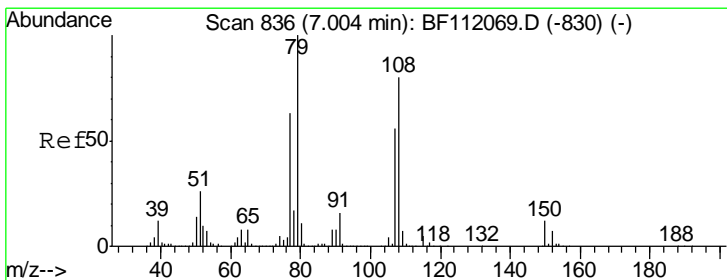
Instrument :
 BNA_F
 ClientSampled :
 TS-R

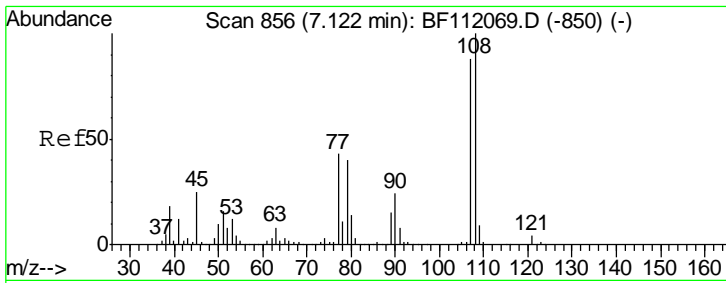
Tgt Ion	Resp	Lower	Upper
99	630217		
42	17.8	15.1	22.7
71	36.3	26.9	40.3



#15
 Benzyl Alcohol
 Concen: 47.591 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF112218.D
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Tgt Ion	Resp	Lower	Upper
79	475192		
108	76.5	64.2	96.2
77	64.5	50.3	75.5

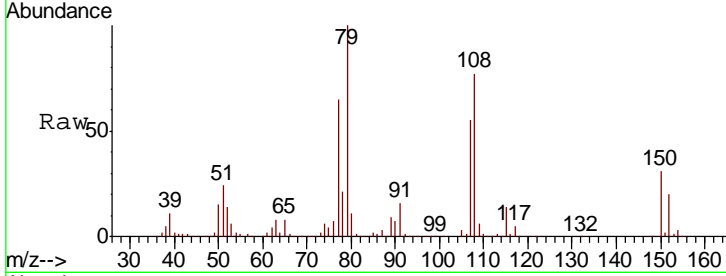




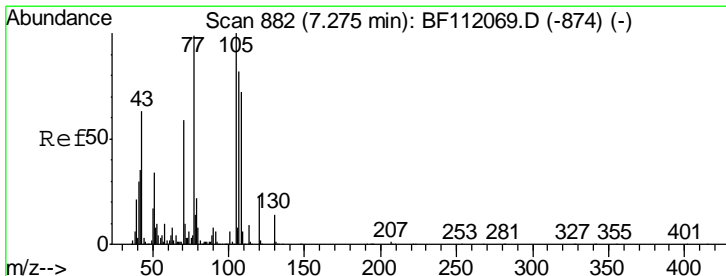
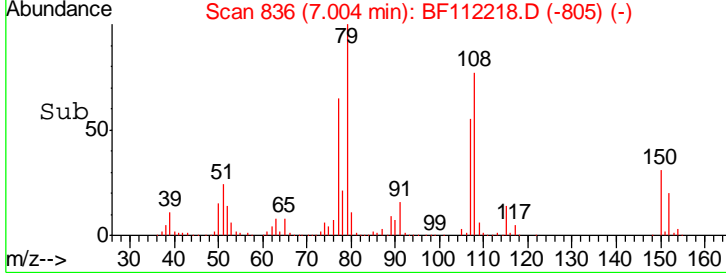
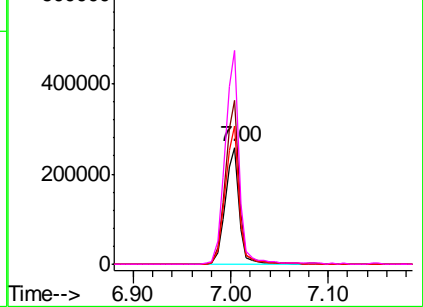
#17
 2-Methylphenol
 Concen: 27.465 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.12 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Instrument :
 BNA_F
 ClientSampled :
 TS-R

Tgt Ion	Resp	Lower	Upper
107	100		
108	139.5	91.3	136.9#
77	117.7	39.0	58.6#
79	182.4	37.0	55.4#



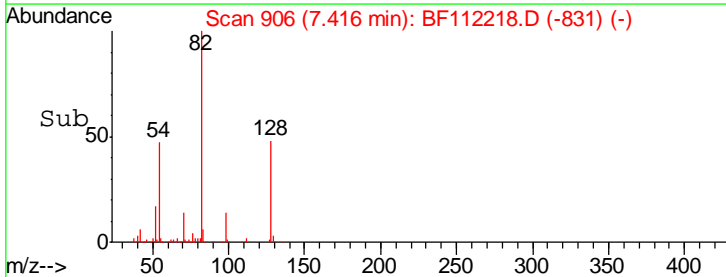
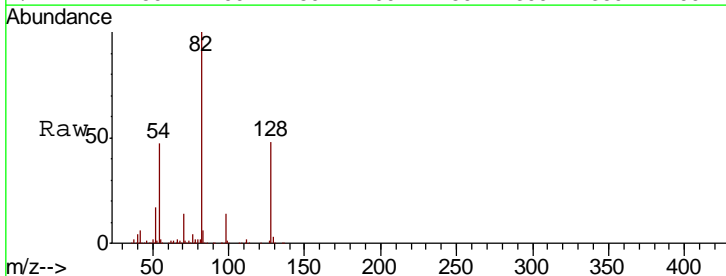
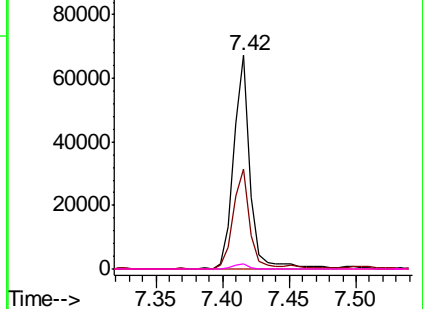
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

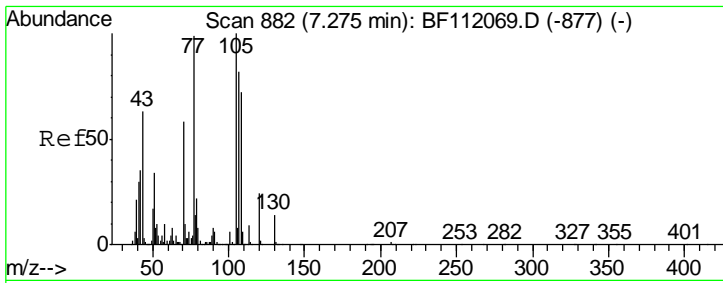


#19
 n-Nitroso-di-n-propylamine
 Concen: 7.161 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.14 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
70	100		
42	46.6	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

Abundance Ion 70.00 (69.70 to 70.70): BF1
 Ion 42.00 (41.70 to 42.70): BF1
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

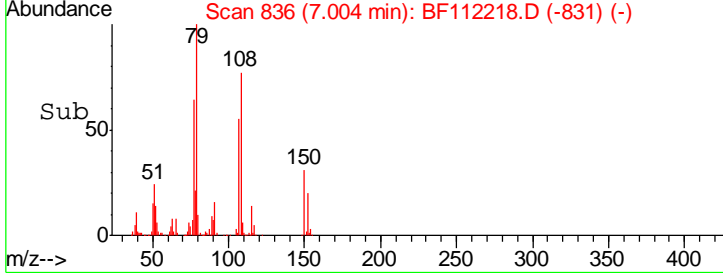
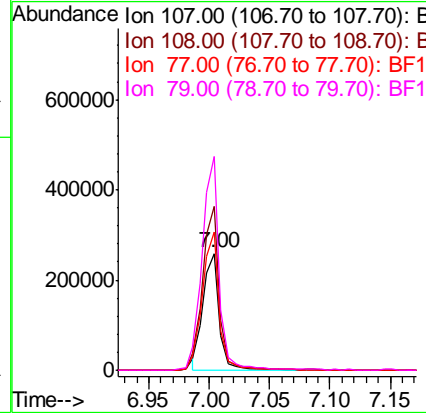
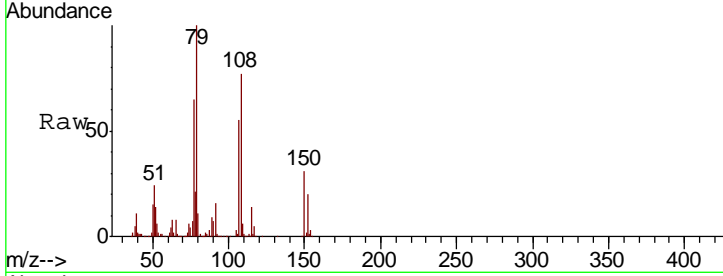




#20
 3+4-Methylphenols
 Concen: 21.259 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.27 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

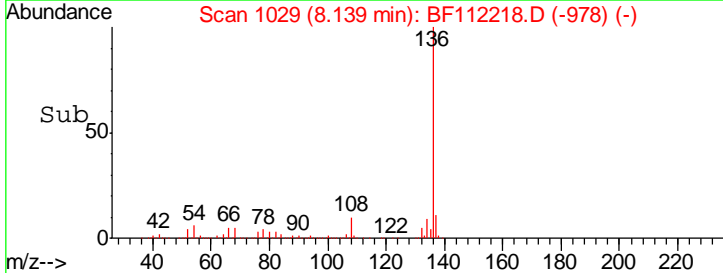
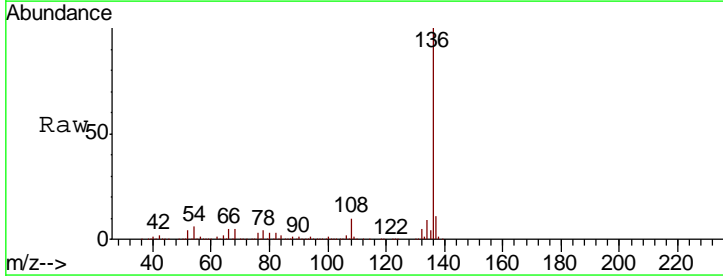
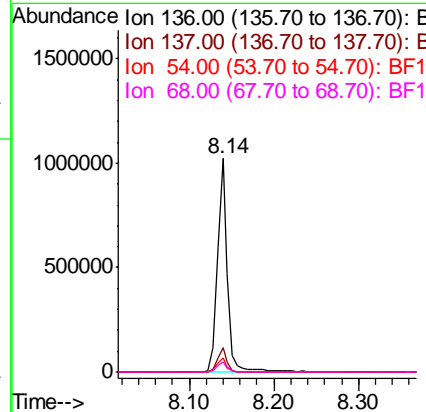
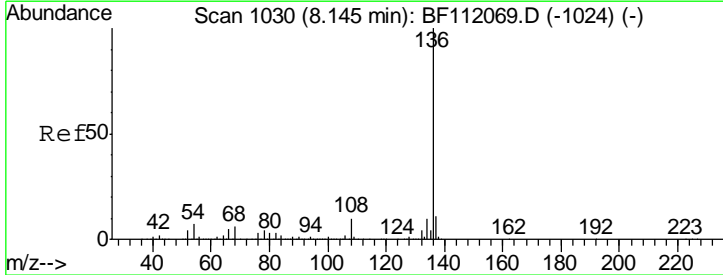
Instrument :
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 ClientSampled :
 TS-R

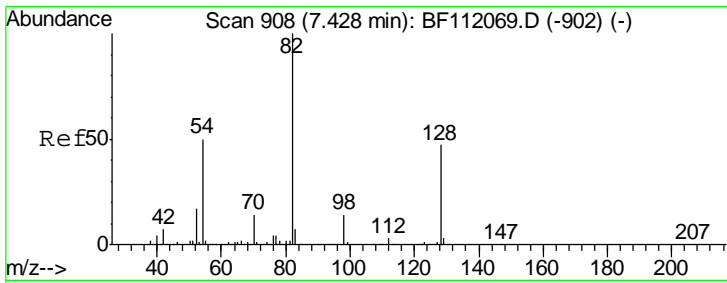
Tgt Ion	Resp	Lower	Upper
107	240823		
107	100		
108	139.5	68.2	108.2#
77	117.7	100.7	140.7
79	182.4	7.3	47.3#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
136	867593		
136	100		
137	11.1	9.1	13.7
54	6.4	5.9	8.9
68	4.9	5.1	7.7#

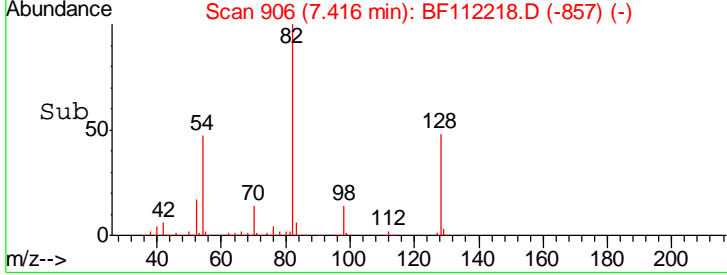
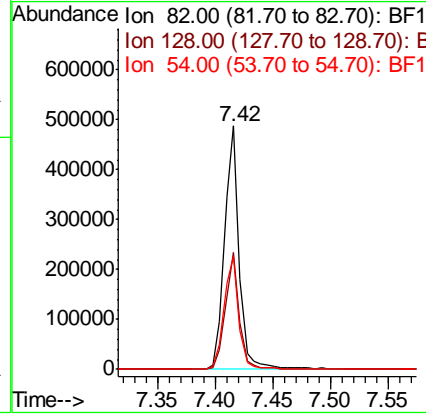
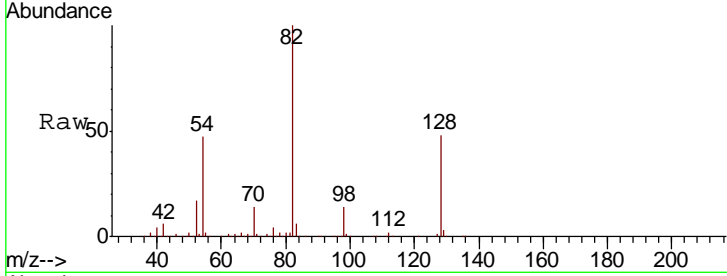




#23
 Nitrobenzene-d5
 Concen: 34.171 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

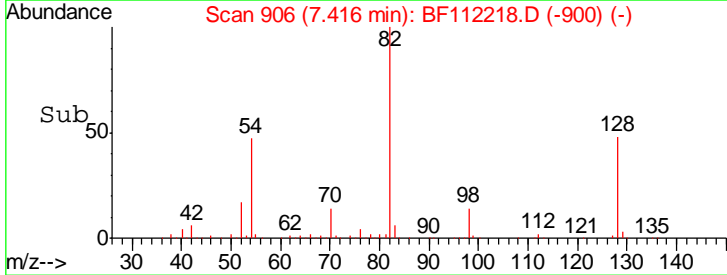
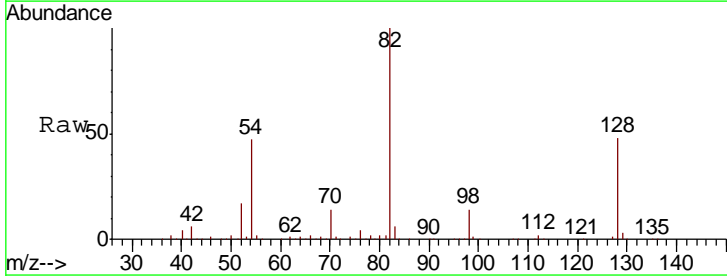
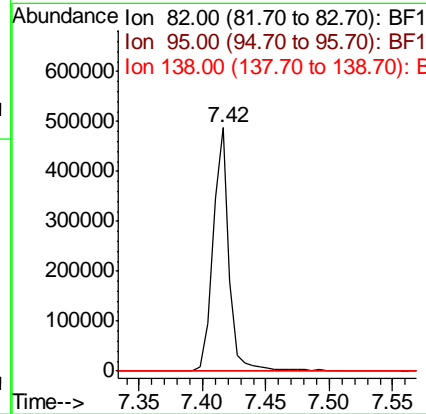
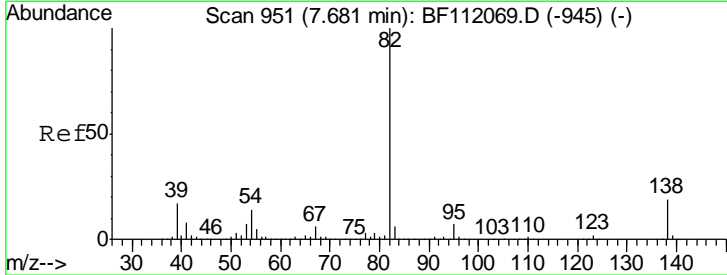
Instrument :
 BNA_F
 ClientSampleID :
 TS-R

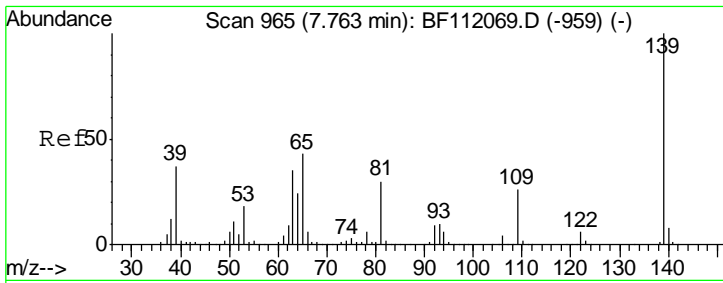
Tgt Ion	Resp	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	46.6	39.7	59.5



#25
 Isophorone
 Concen: 17.577 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#

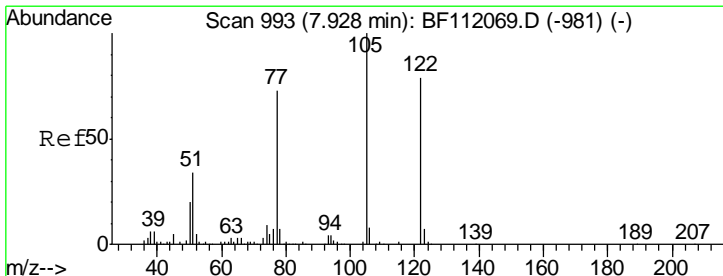
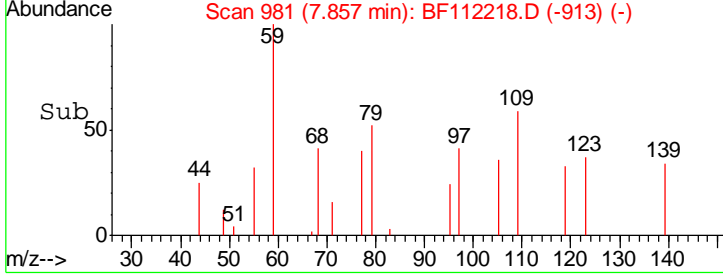
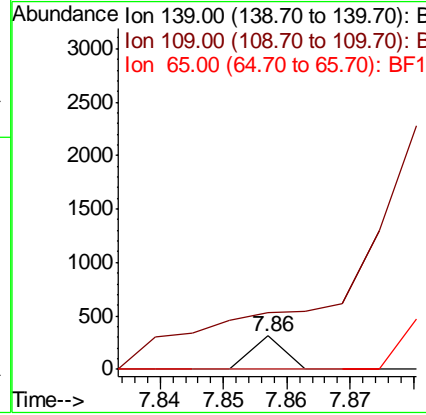
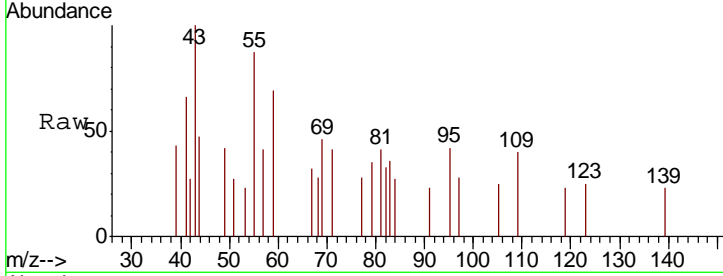




#26
 2-Nitrophenol
 Concen: 5.695 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.10 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

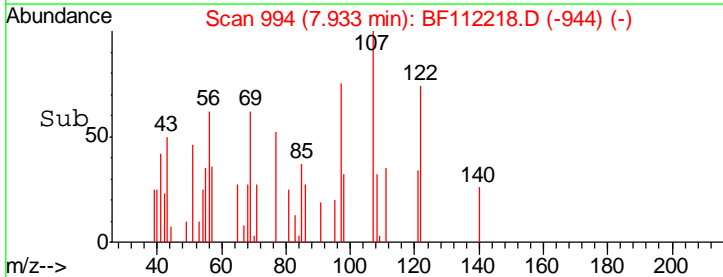
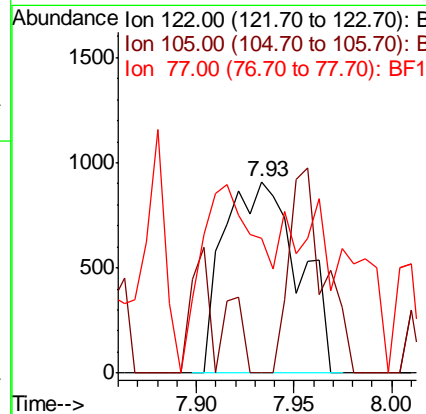
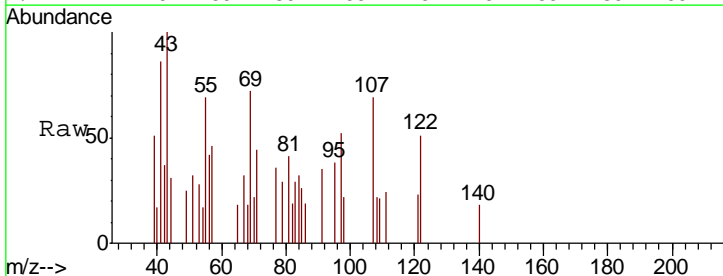
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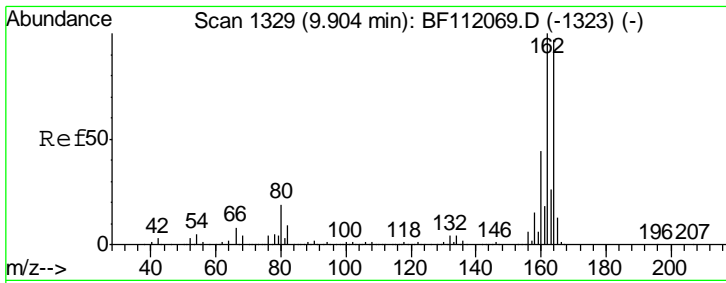
Tgt Ion	Resp	Lower	Upper
139	100		
109	171.0	20.8	31.2#
65	0.0	34.4	51.6#



#32
 Benzoic acid
 Concen: 7.683 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	70.1	70.4	110.4#

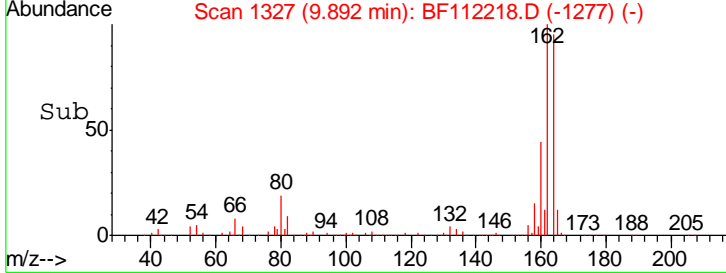
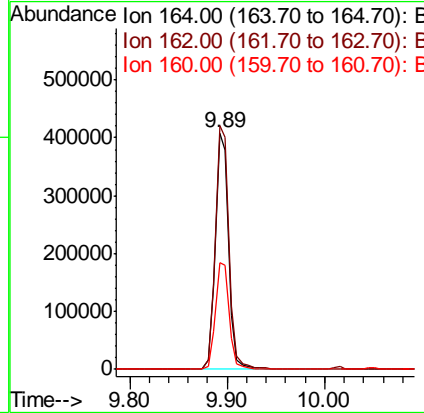
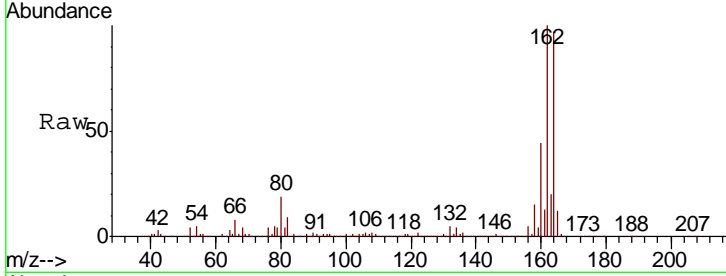




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

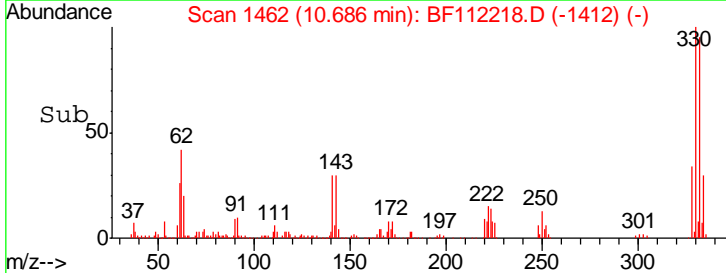
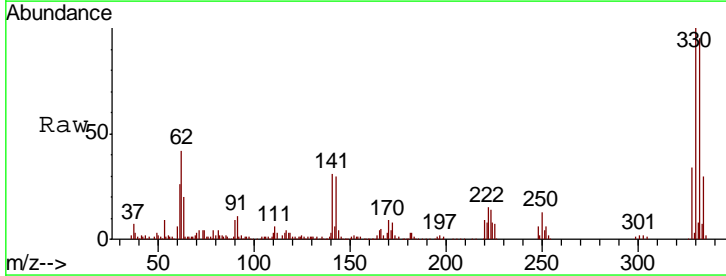
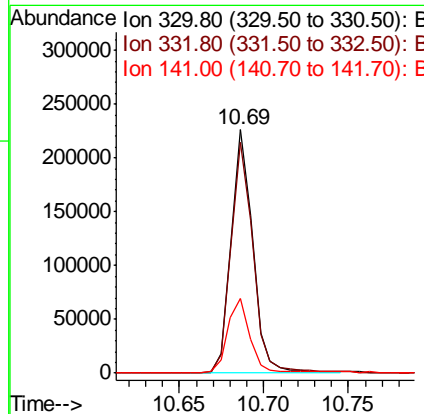
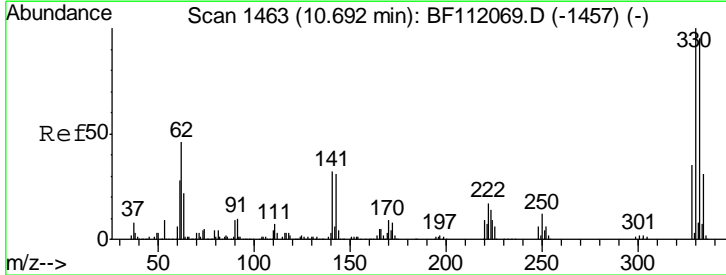
Instrument :
 BNA_F
 ClientSampleID :
 TS-R

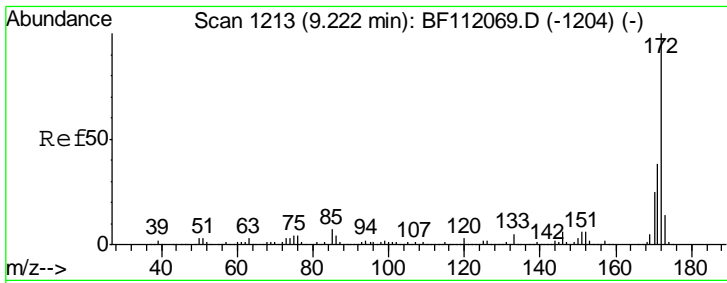
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.0	82.2	123.4
160	45.4	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 48.541 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	31.3	24.3	36.5

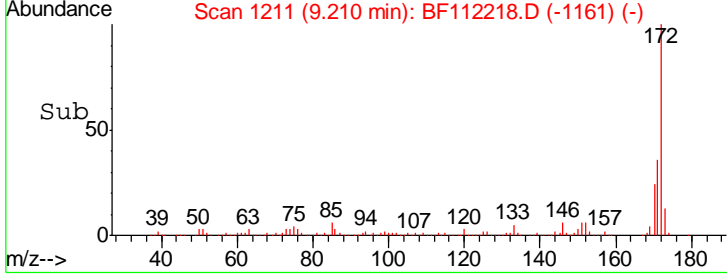
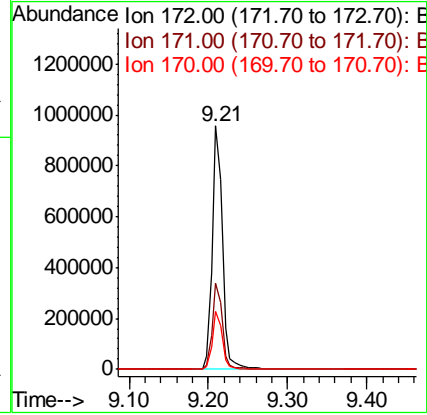
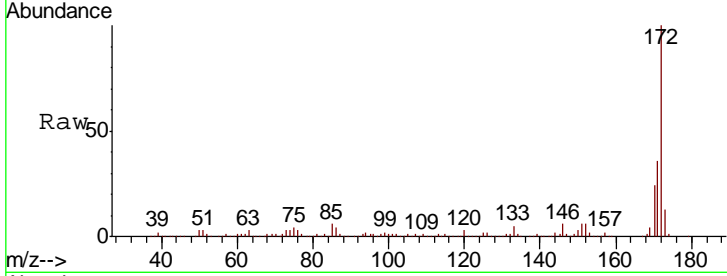




#45
 2-Fluorobiphenyl
 Concen: 32.936 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

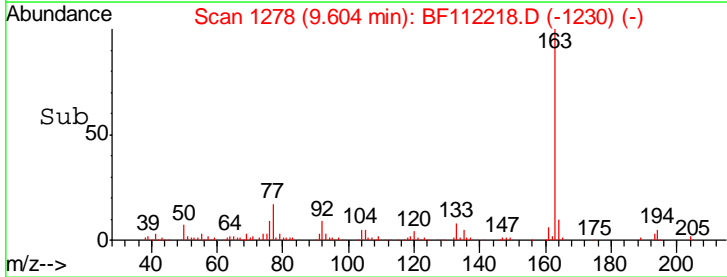
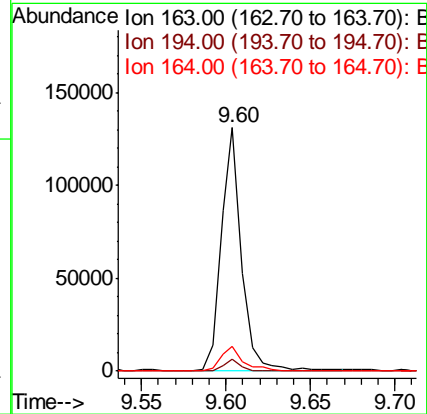
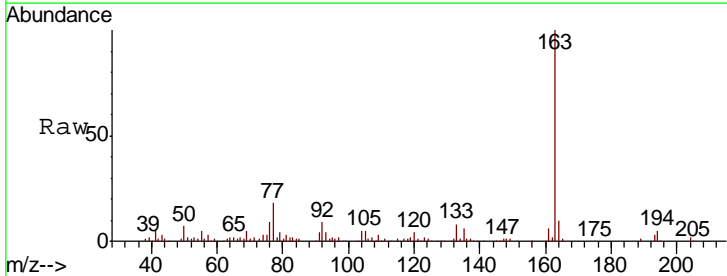
Instrument :
 BNA_F
 ClientSampleId :
 TS-R

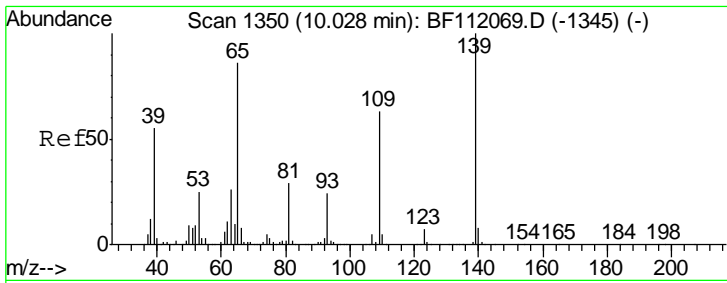
Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	30.5	45.7
170	24.0	20.2	30.4



#50
 Dimethylphthalate
 Concen: 3.941 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.1	8.5	12.7

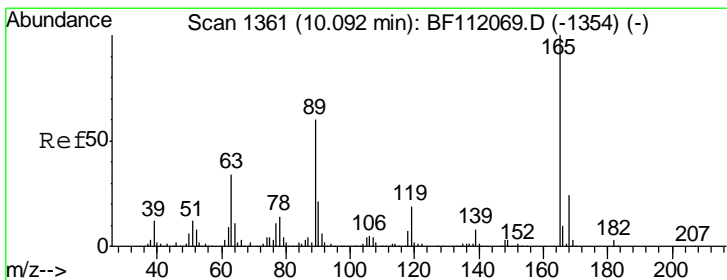
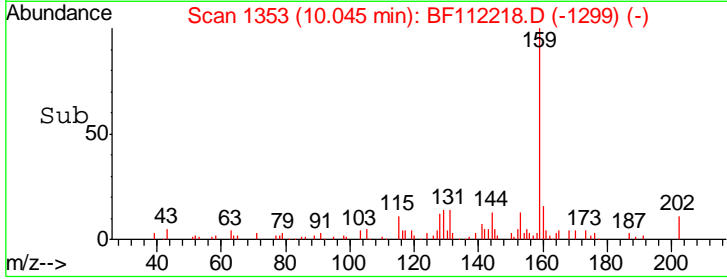
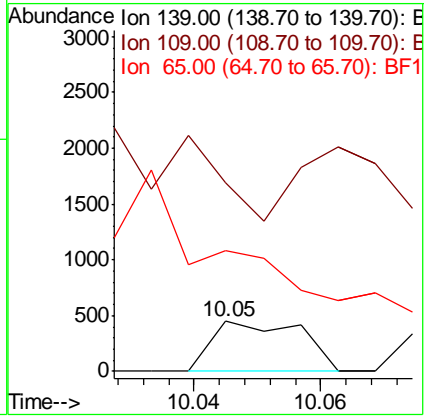
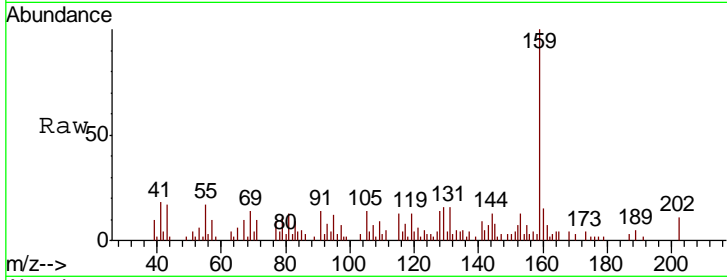




#56
 4-Nitrophenol
 Concen: 5.744 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.02 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

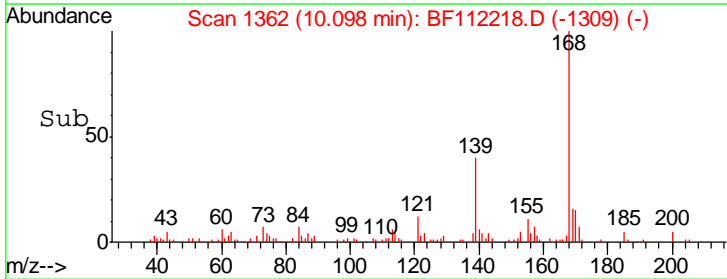
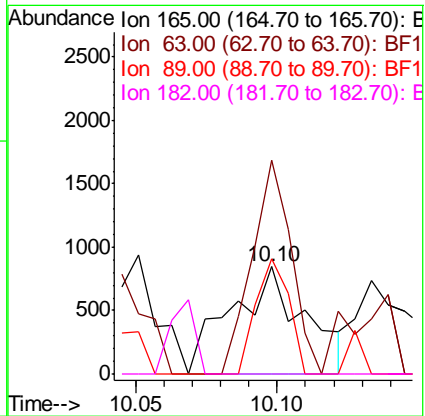
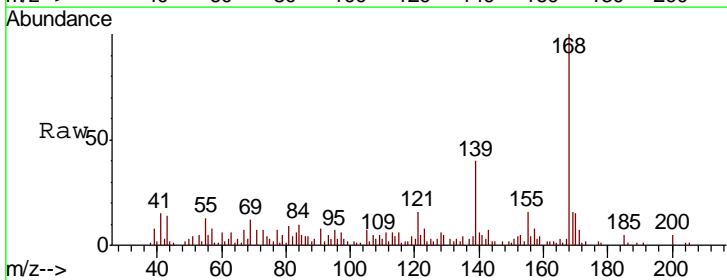
Instrument :
 BNA_F
 ClientSampled :
 TS-R

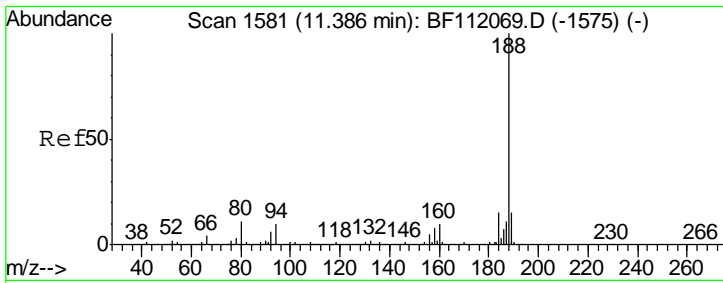
Tgt Ion	Resp	Lower	Upper
139	100		
109	378.3	42.8	82.8#
65	243.2	66.1	106.1#



#57
 2,4-Dinitrotoluene
 Concen: 4.776 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
165	100		
63	199.4	27.9	41.9#
89	107.1	47.9	71.9#
182	0.0	2.2	3.4#

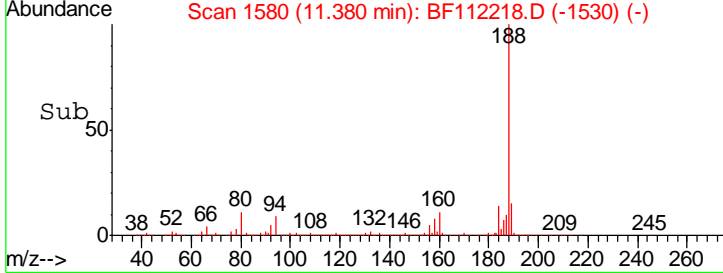
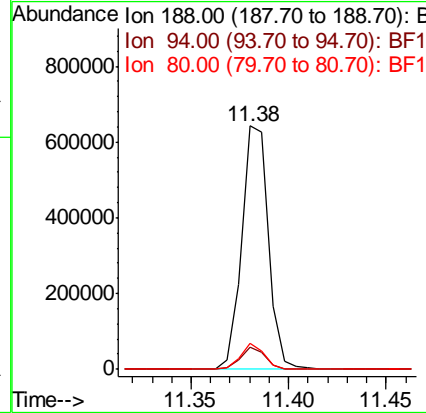
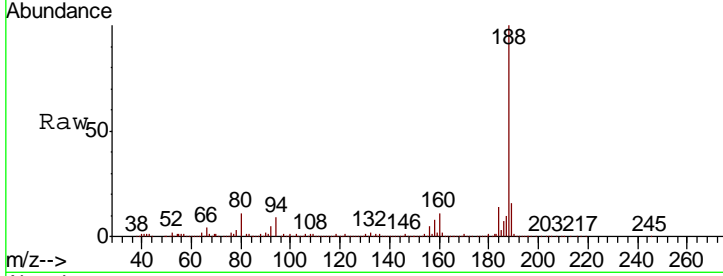




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

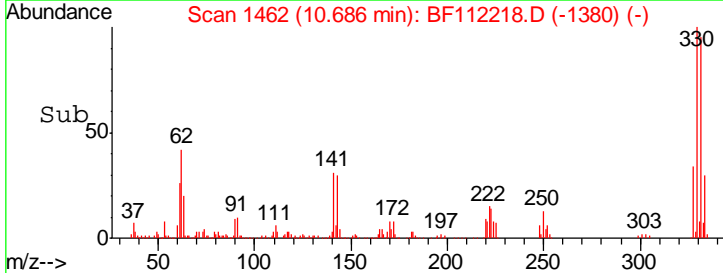
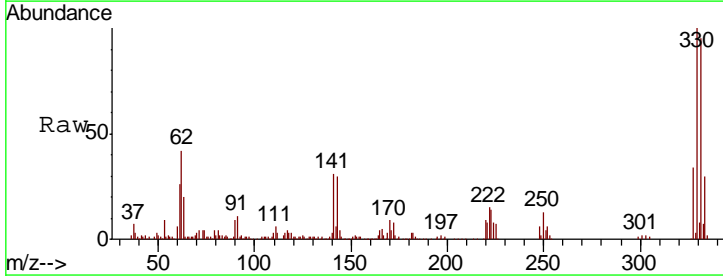
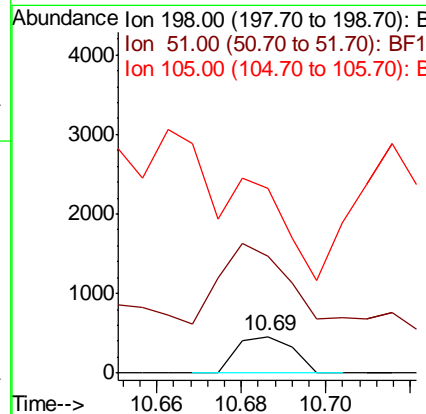
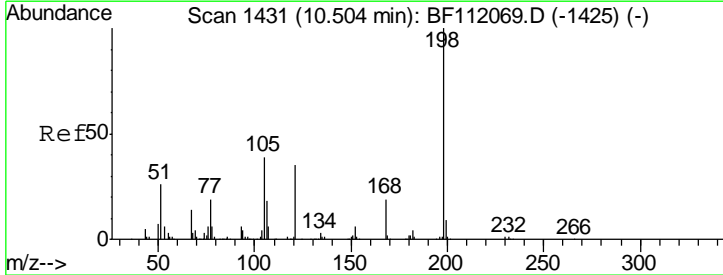
Instrument :
 BNA_F
 ClientSampled :
 TS-R

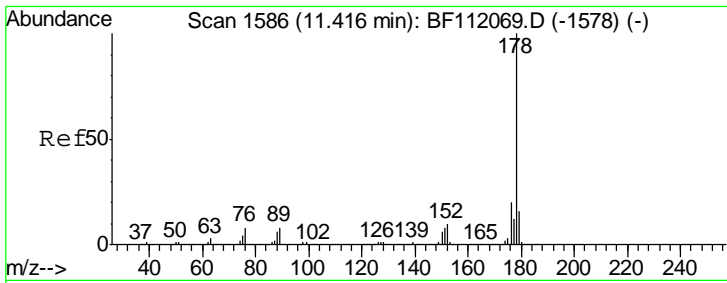
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.6	8.9	13.3



#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.201 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.18 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
198	100		
51	316.9	17.2	57.2#
105	503.2	21.9	61.9#

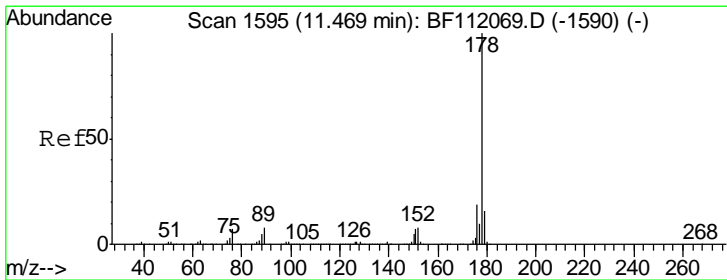
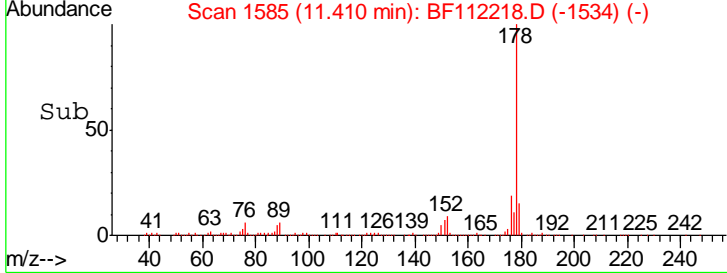
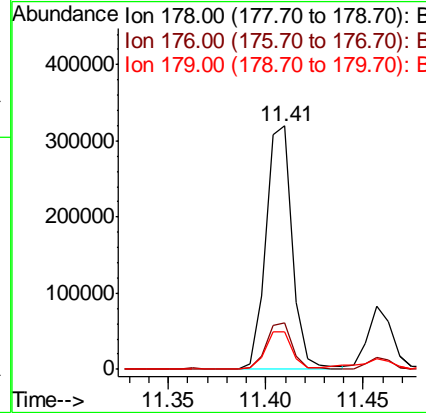
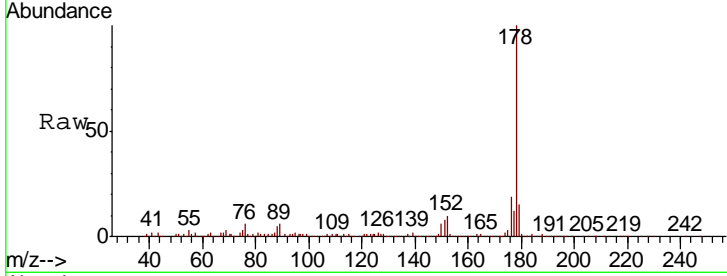




#71
 Phenanthrene
 Concen: 9.715 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

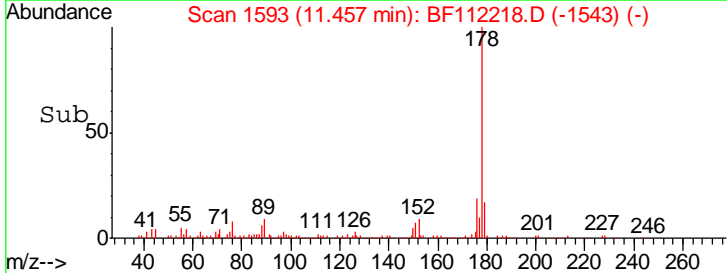
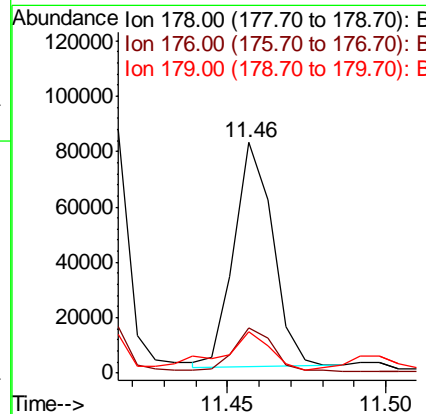
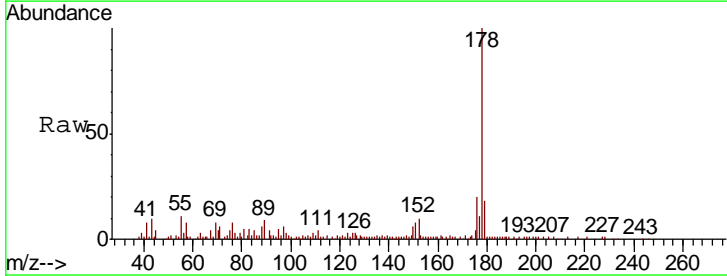
Instrument :
 BNA_F
 ClientSampled :
 TS-R

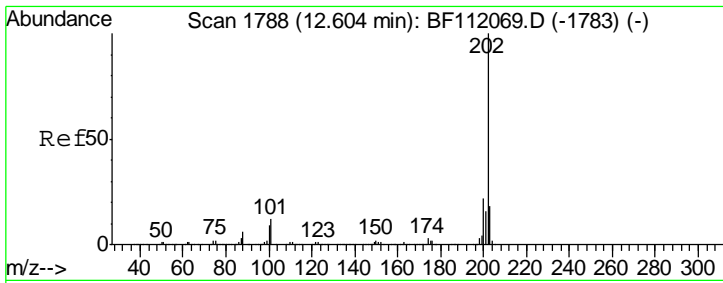
Tgt Ion	Resp	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.2	13.0	19.4



#72
 Anthracene
 Concen: 2.207 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	17.8	12.8	19.2

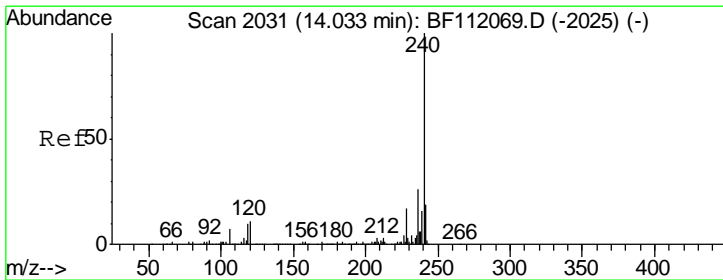
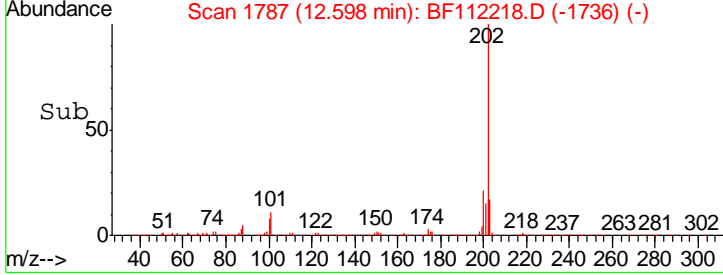
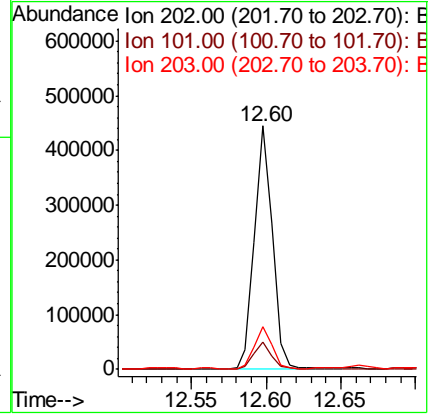
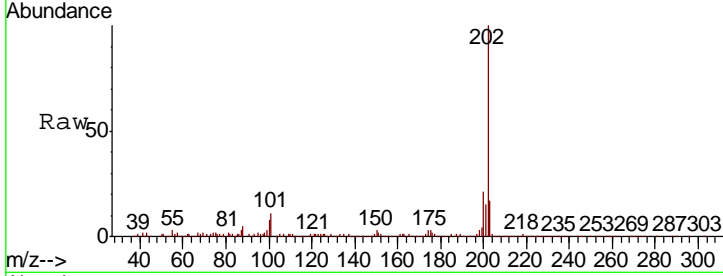




#75
 Fluoranthene
 Concen: 11.423 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

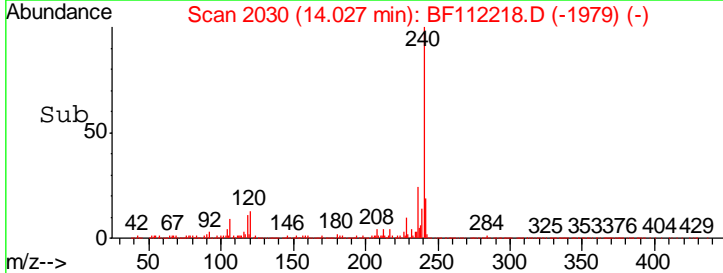
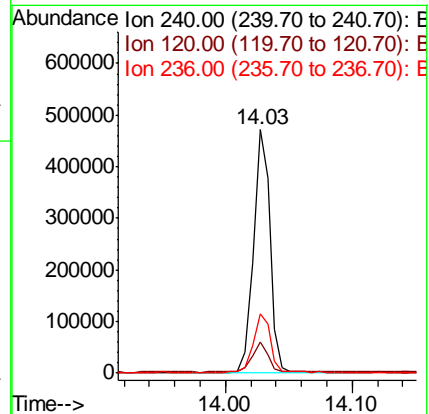
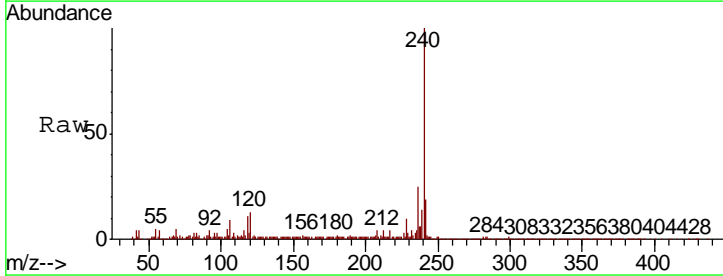
Instrument :
 BNA_F
 ClientSampled :
 TS-R

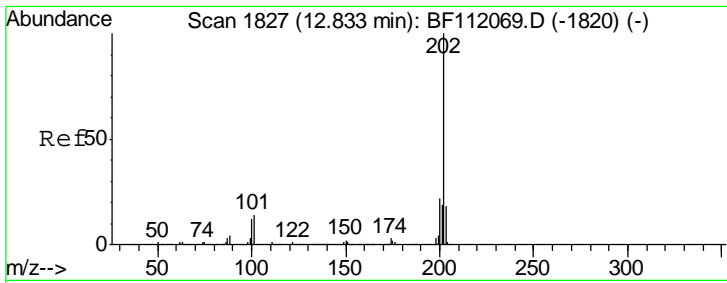
Tgt Ion	Resp	Lower	Upper
202	369418		
101	11.1	0.0	31.8
203	17.5	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
240	424881		
120	13.0	9.0	13.6
236	24.6	20.7	31.1

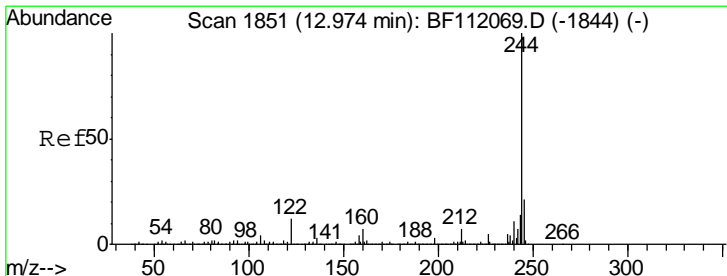
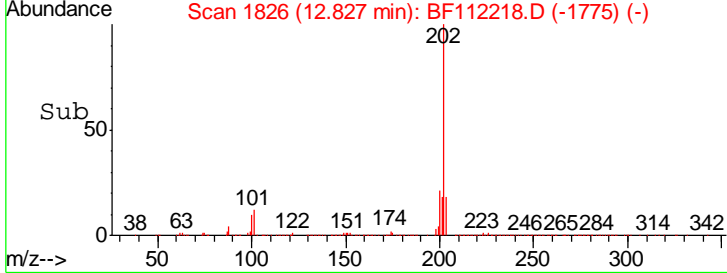
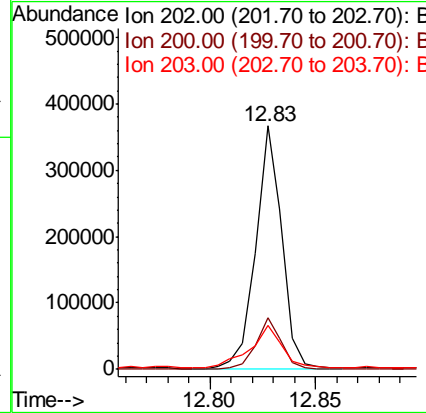
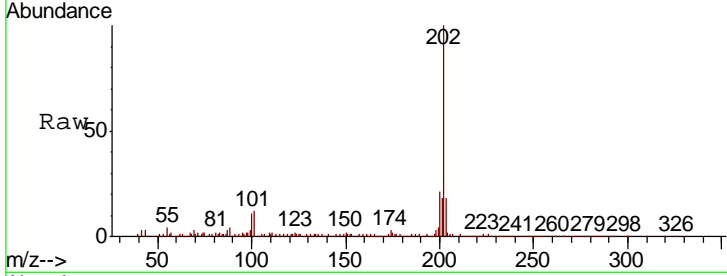




#78
 Pyrene
 Concen: 11.251 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

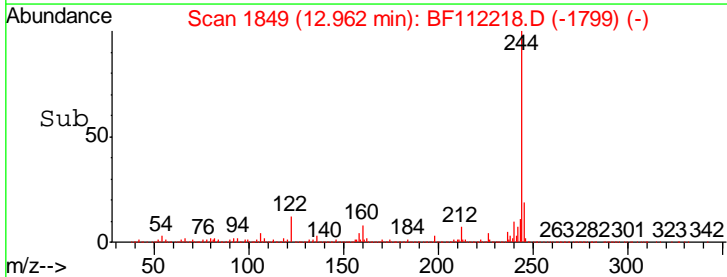
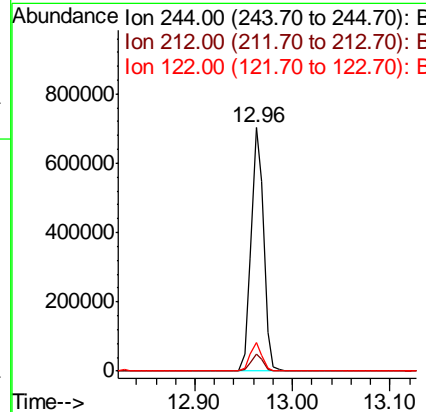
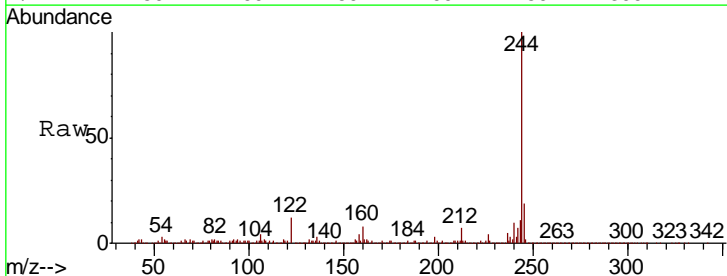
Instrument :
 BNA_F
 ClientSampled :
 TS-R

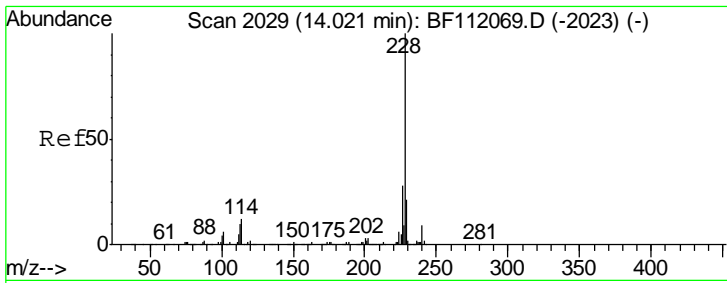
Tgt Ion	Resp	Lower	Upper
202	315376		
200	21.0	17.7	26.5
203	18.1	14.6	22.0



#79
 Terphenyl-d14
 Concen: 31.300 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
244	625122		
212	7.0	5.9	8.9
122	11.9	9.8	14.6

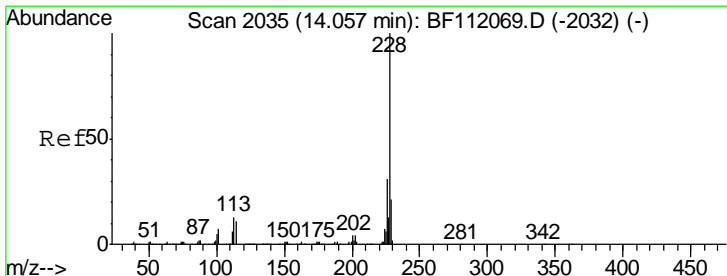
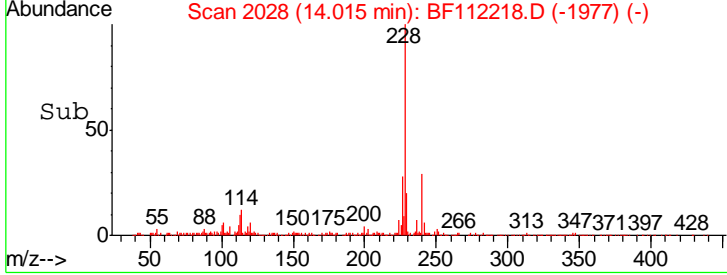
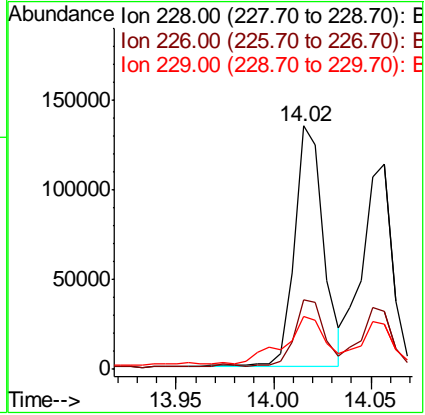
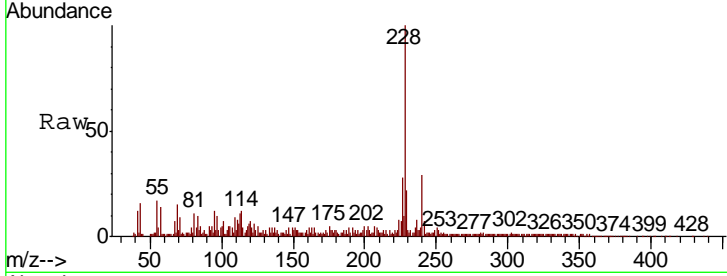




#81
 Benzo(a)anthracene
 Concen: 5.715 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

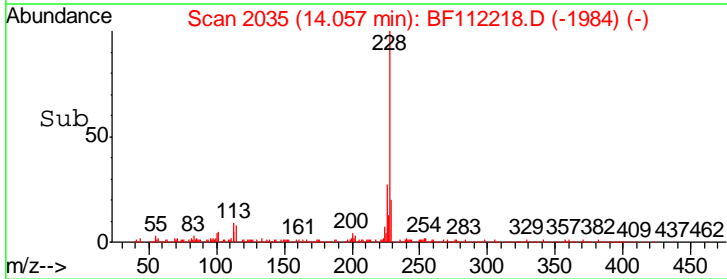
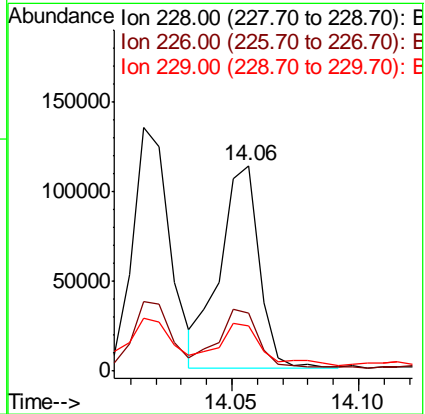
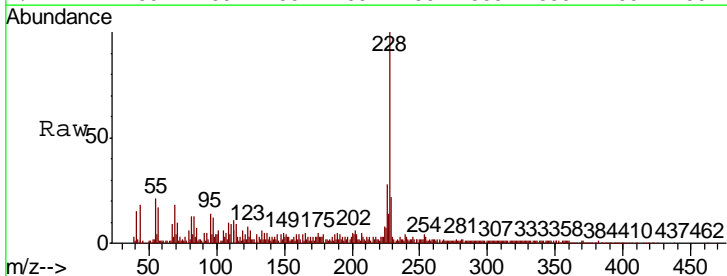
Instrument :
 BNA_F
 ClientSampled :
 TS-R

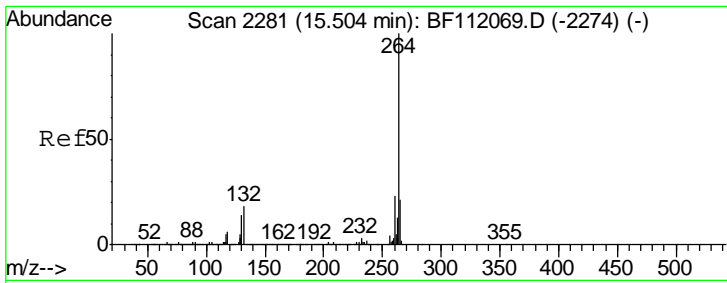
Tgt Ion	Resp	Lower	Upper
228	139237		
226	28.4	22.6	34.0
229	22.0	16.5	24.7



#83
 Chrysene
 Concen: 5.281 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
228	121728		
226	28.3	25.0	37.6
229	22.3	16.6	24.8

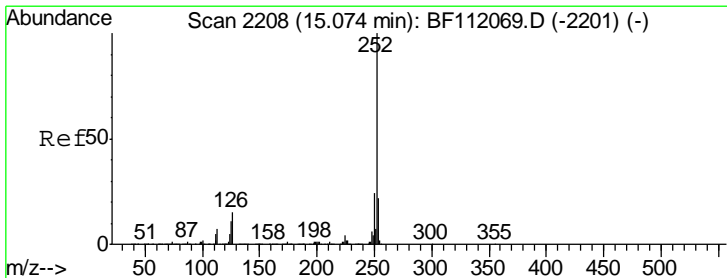
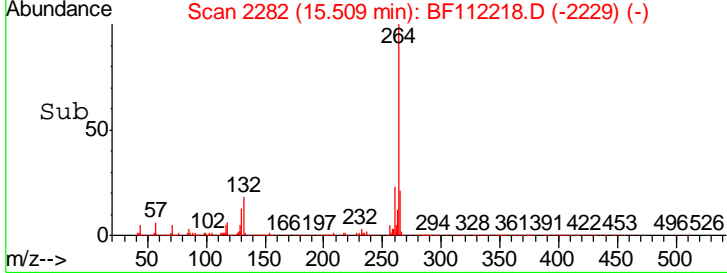
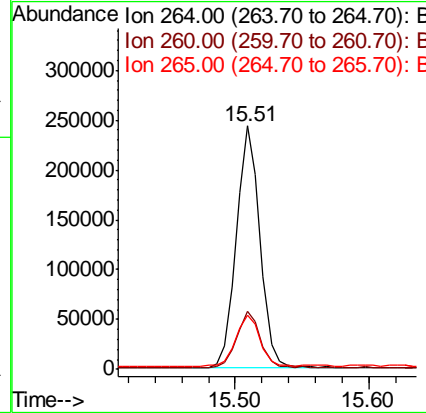
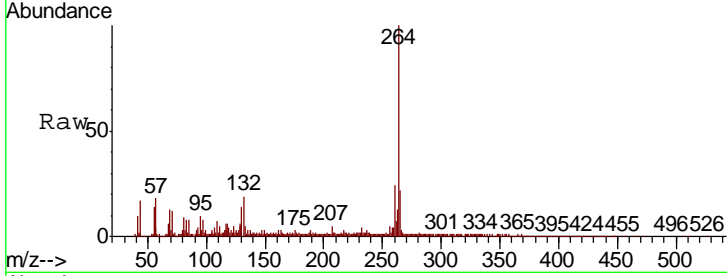




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

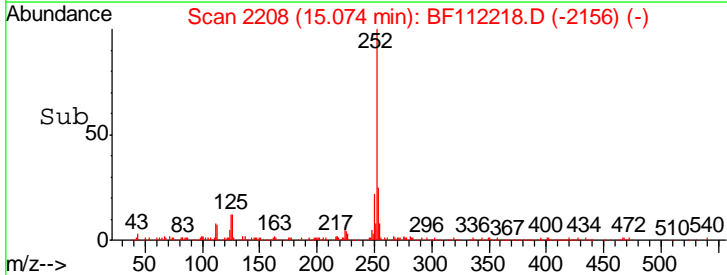
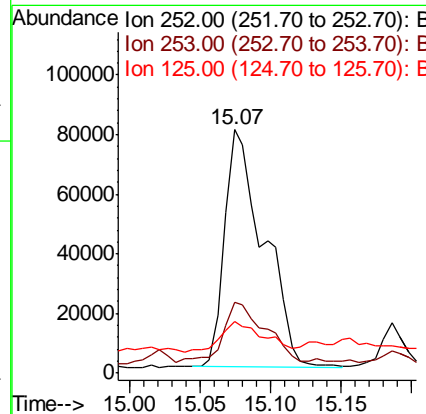
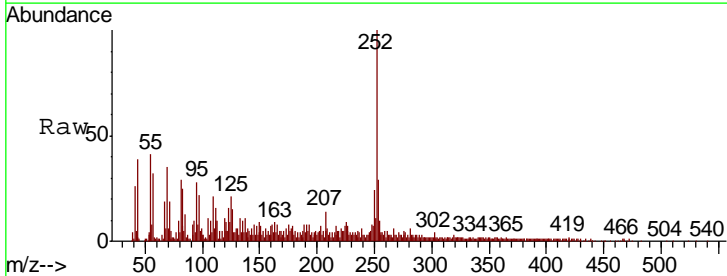
Instrument :
 BNA_F
 ClientSampleId :
 TS-R

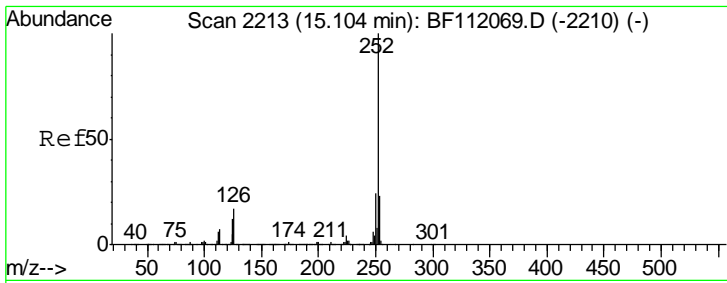
Tgt Ion	Resp	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.3	17.0	25.4



#88
 Benzo(b)fluoranthene
 Concen: 9.085 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
252	100		
253	28.9	18.0	27.0#
125	21.2	8.7	13.1#

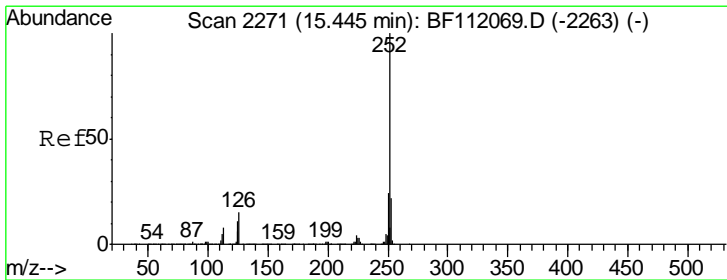
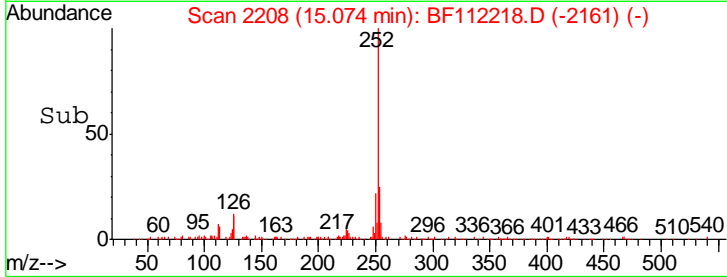
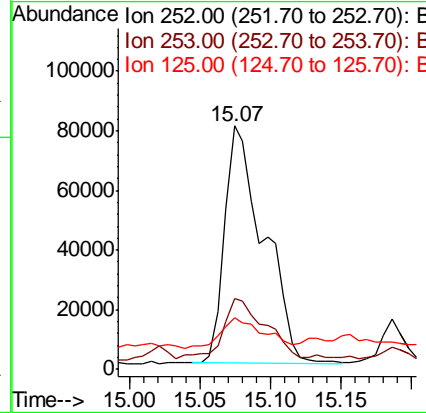
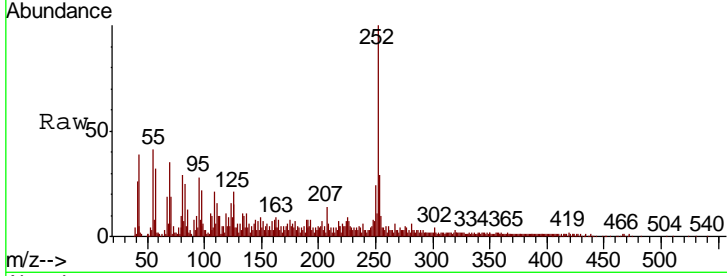




#89
 Benzo(k)fluoranthene
 Concen: 9.386 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

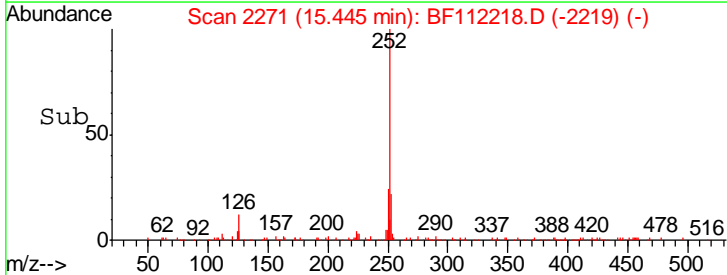
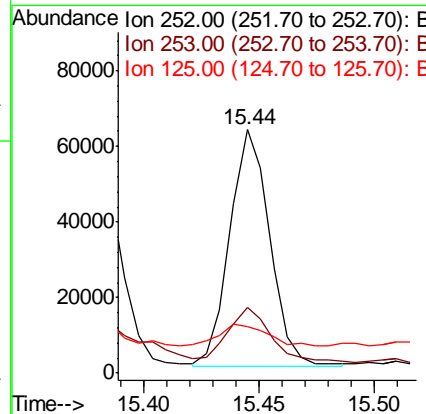
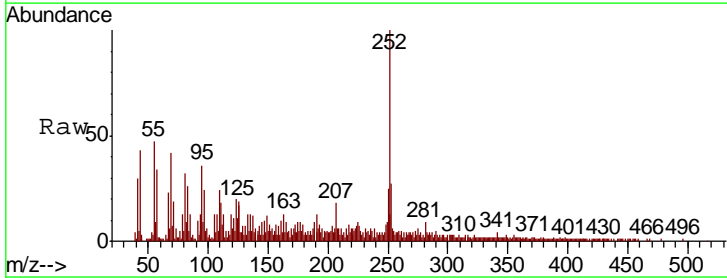
Instrument :
 BNA_F
 ClientSampled :
 TS-R

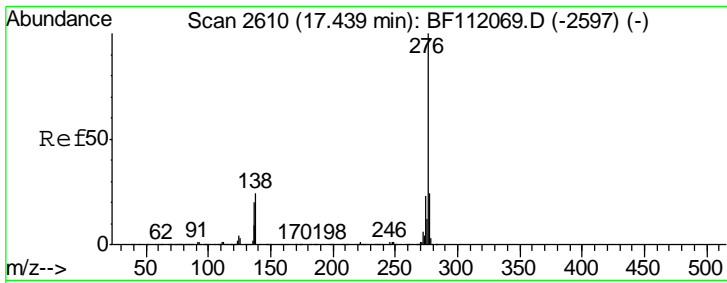
Tgt Ion	Resp	Lower	Upper
252	154806		
253	28.9	18.0	27.0#
125	21.2	9.1	13.7#



#90
 Benzo(a)pyrene
 Concen: 4.826 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Resp	Lower	Upper
252	75414		
253	27.0	17.5	26.3#
125	19.1	9.0	13.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.602 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.03 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TS-R

Tgt Ion	Resp	Lower	Upper
276	100		
277	31.2	19.4	29.0#
138	28.8	19.1	28.7#

