

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085787.D
 Acq On : 26 Mar 2016 3:25
 Operator : UM/SJ
 Sample : H1923-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-PG-A(0-6)

Quant Time: Mar 26 02:50:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	116205	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425636	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	176364	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	276529	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	240190	20.00	ng	0.00
86) Perylene-d12	15.40	264	192242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	704912	101.03	ng	0.01
7) Phenol-d6	6.46	99	874009	98.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	557635	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	173834	103.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	924800	87.61	ng	0.00
78) Terphenyl-d14	12.93	244	612487	52.44	ng	0.00

Target Compounds

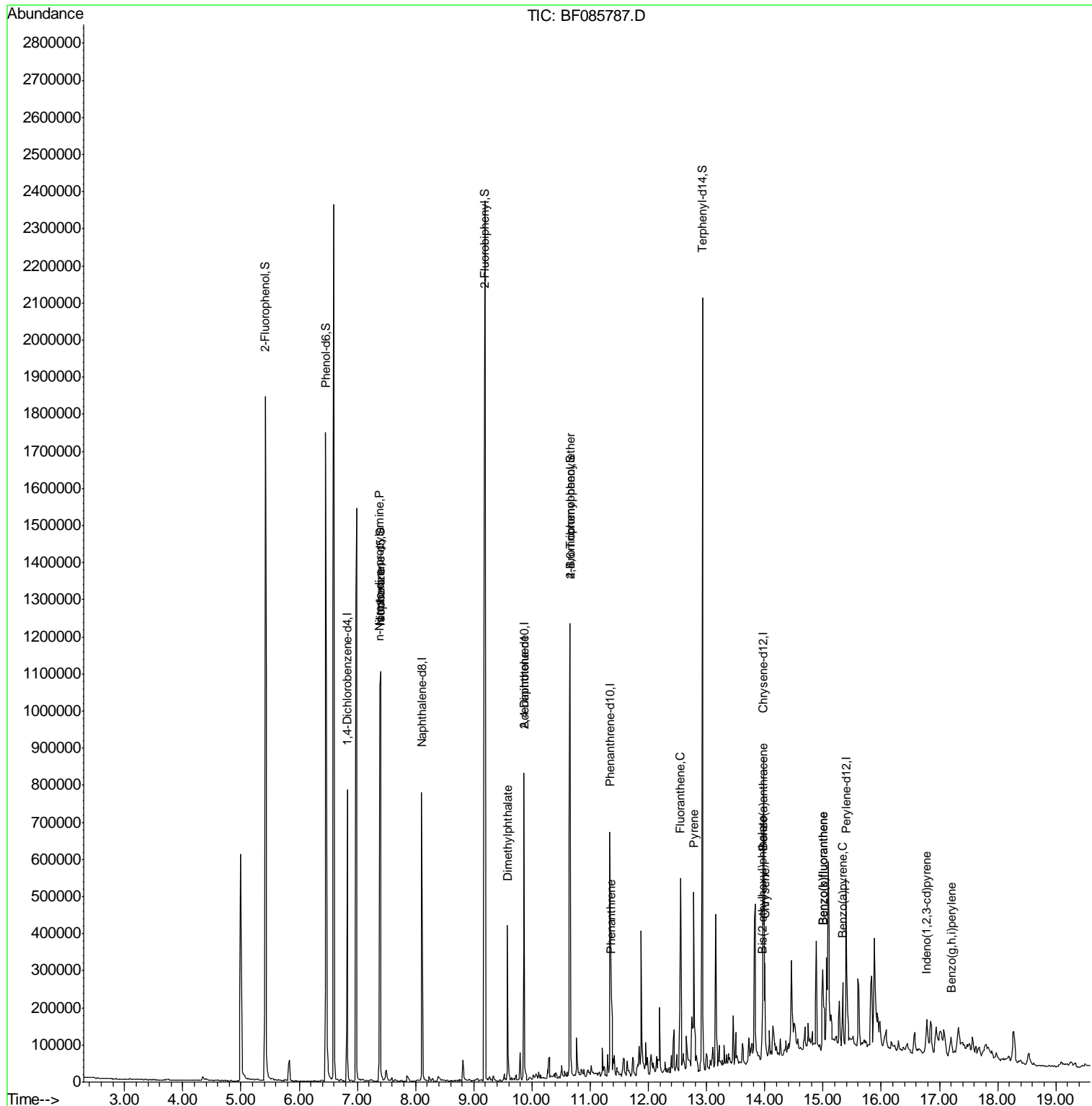
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	72744	13.69	ng	# 81
25) Isophorone	7.40	82	540365	37.11	ng	# 68
37) 2-Methylnaphthalene	8.82	142	1505	Below Cal		# 91
49) Dimethylphthalate	9.58	163	149626	11.18	ng	99
56) 2,4-Dinitrotoluene	9.86	165	22275	6.08	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	11338	4.01	ng	# 1
70) Phenanthrene	11.36	178	97810	6.89	ng	98
74) Fluoranthene	12.55	202	203490	13.48	ng	96
77) Pyrene	12.78	202	191201	9.68	ng	99
80) Benzo(a)anthracene	13.97	228	84570	6.17	ng	97
82) Chrysene	14.00	228	77377	5.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	29106	2.94	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.78	276	42598	4.00	ng	# 92
87) Benzo(b)fluoranthene	15.00	252	148300	12.25	ng	99
88) Benzo(k)fluoranthene	15.00	252	148300	13.58	ng	# 96
89) Benzo(a)pyrene	15.34	252	68501	6.37	ng	98
91) Benzo(g,h,i)perylene	17.20	276	39320	3.89	ng	93

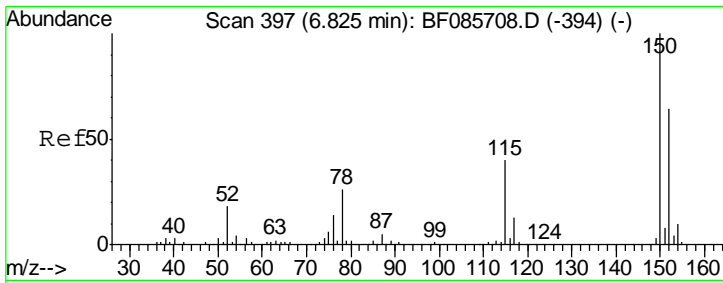
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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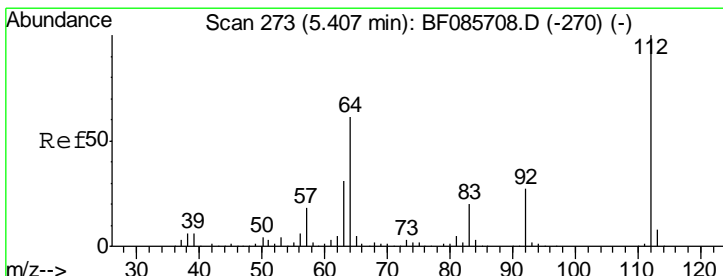
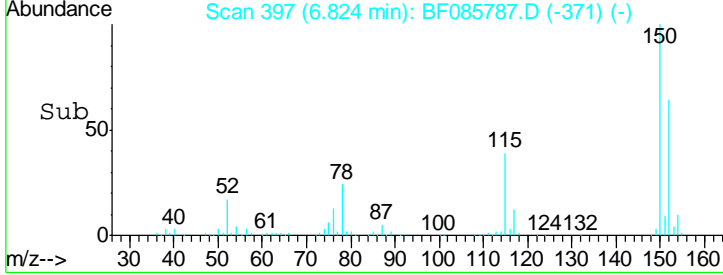
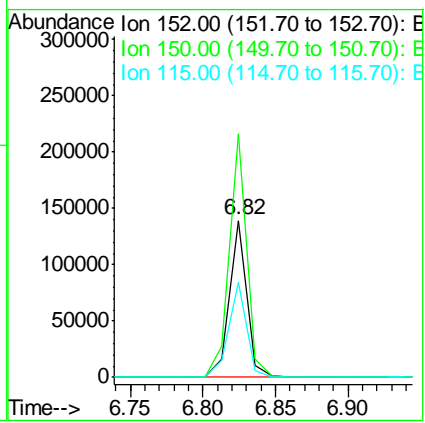
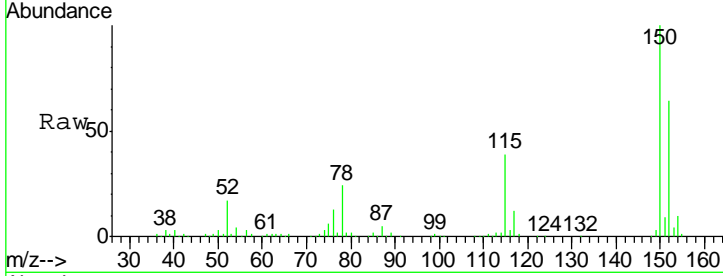


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Instrument :
 BNA_F
ClientSampled :
 S-PG-A(0-6)

Tgt Ion:152 Resp: 116205

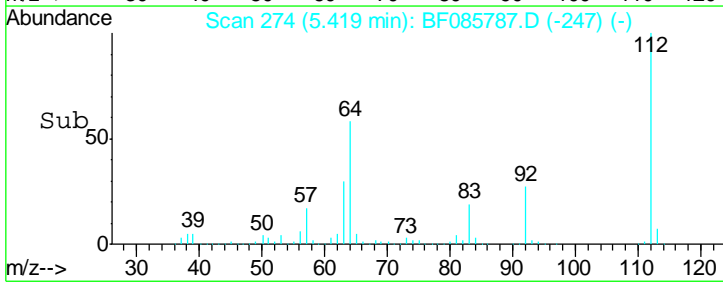
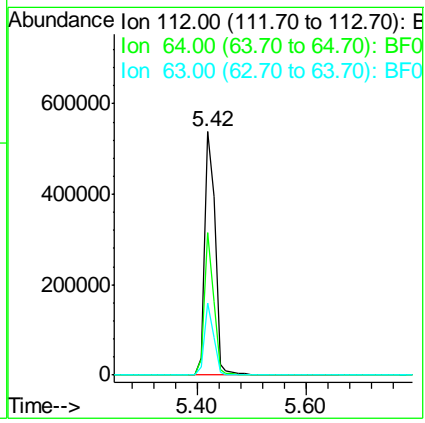
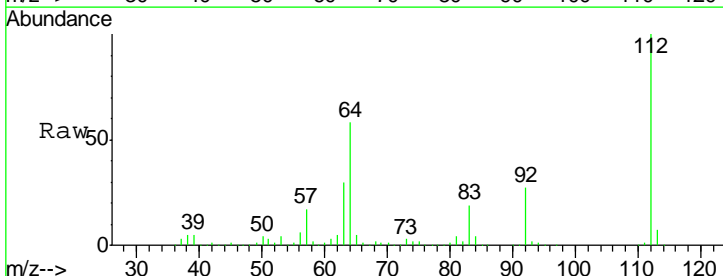
Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	60.7	47.0	70.6

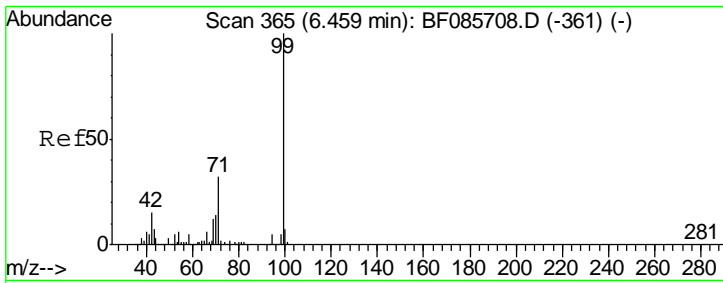


#5
 2-Fluorophenol
 Concen: 101.03 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion:112 Resp: 704912

Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.7	20.2	30.2

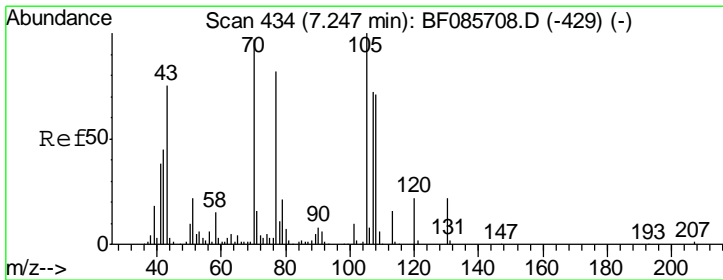
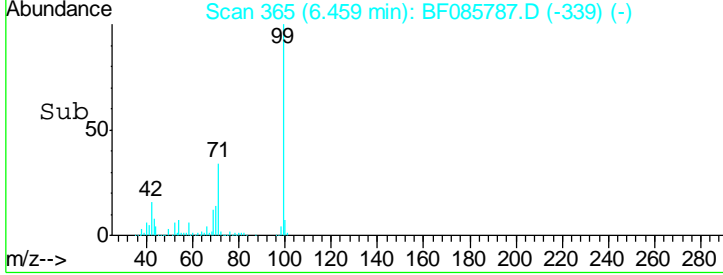
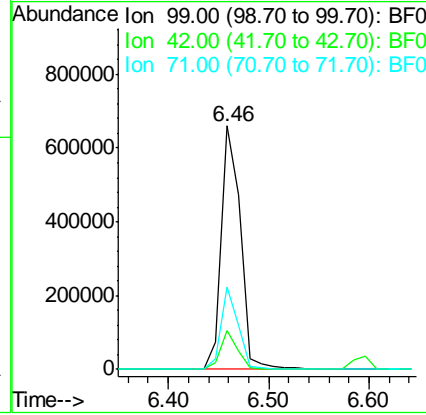
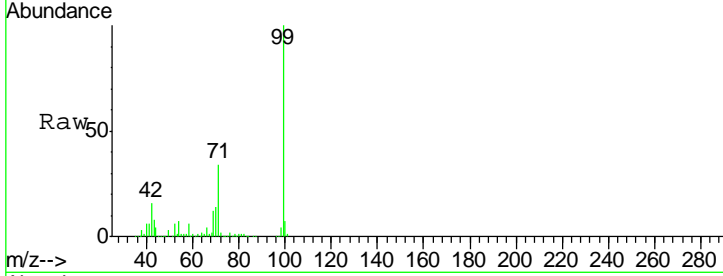




#7
 Phenol-d6
 Concen: 98.52 ng
 RT: 6.46 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

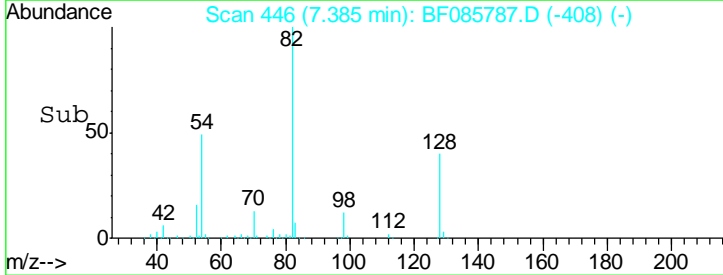
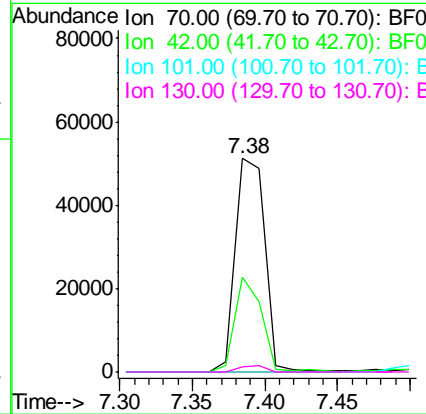
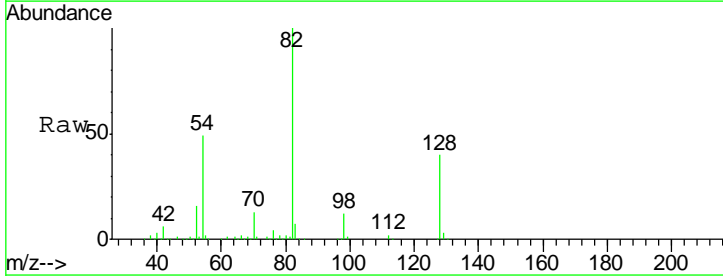
Instrument :
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 ClientSampled :
 S-PG-A(0-6)

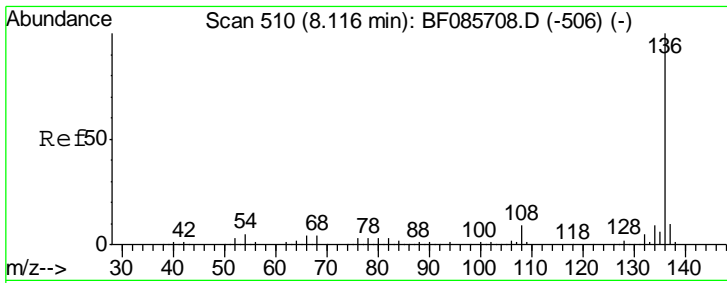
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.2	11.1	16.7
71	33.9	24.9	37.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.69 ng
 RT: 7.38 min Scan# 446
 Delta R.T. 0.14 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
70	100		
42	44.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



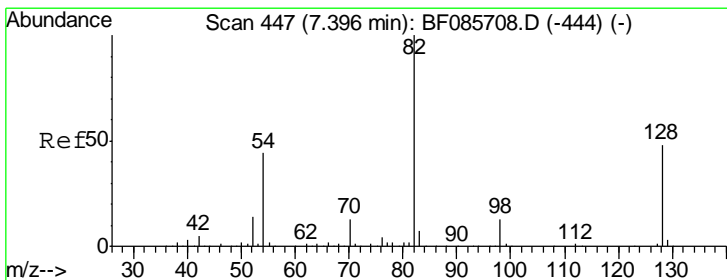
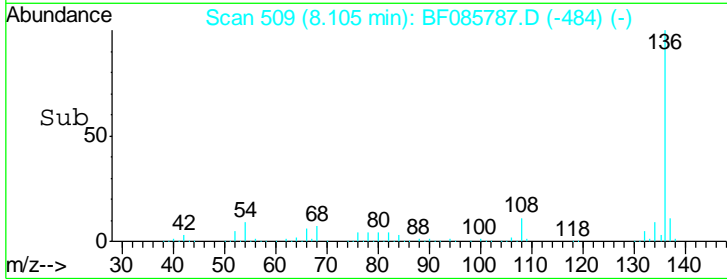
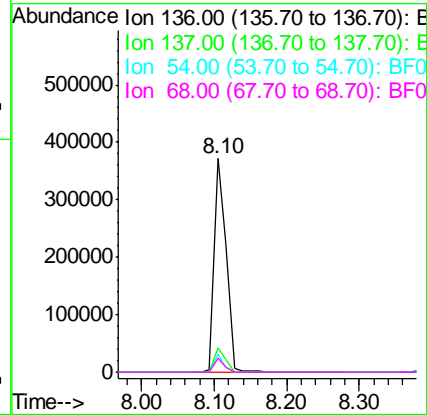
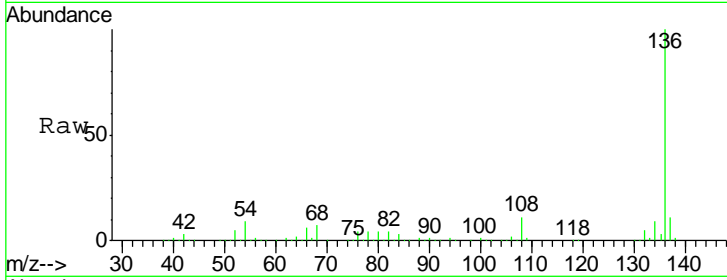


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

Tgt Ion: 136 Resp: 425636

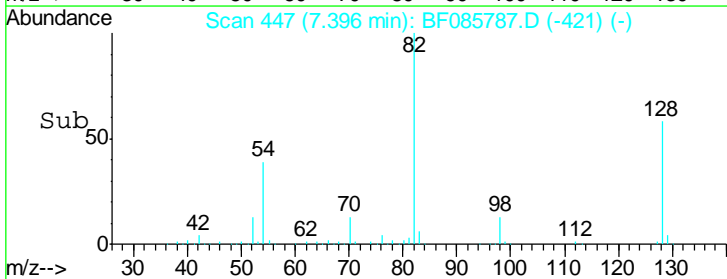
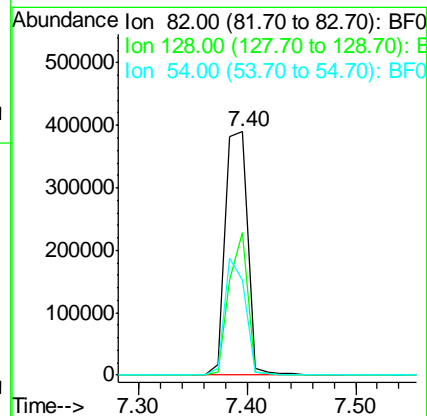
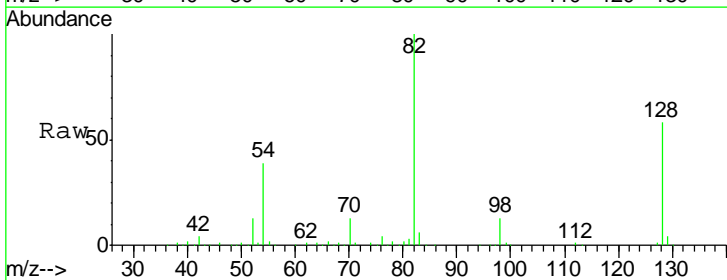
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.7	7.4	11.0
68	6.9	5.8	8.8

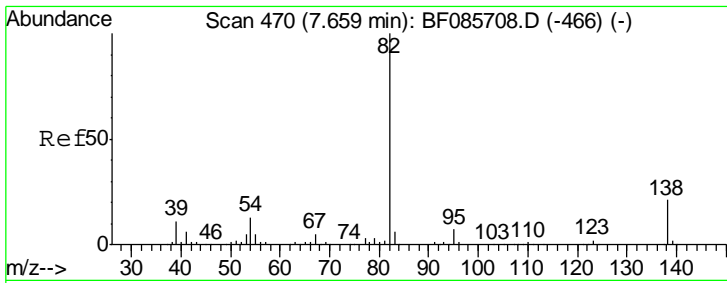


#23
 Nitrobenzene-d5
 Concen: 73.78 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion: 82 Resp: 557635

Ion	Ratio	Lower	Upper
82	100		
128	58.3	41.8	62.8
54	39.2	33.4	50.0

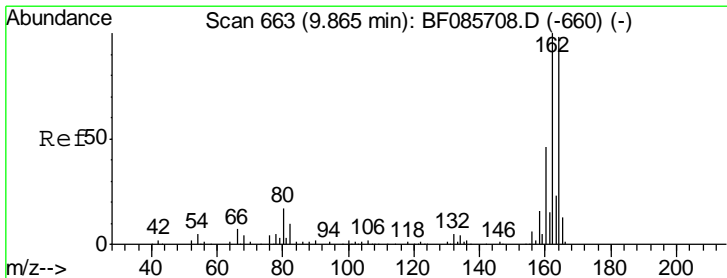
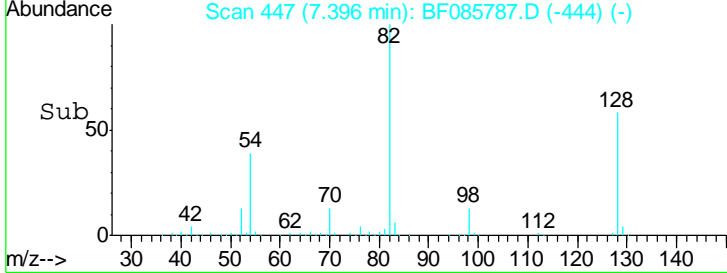
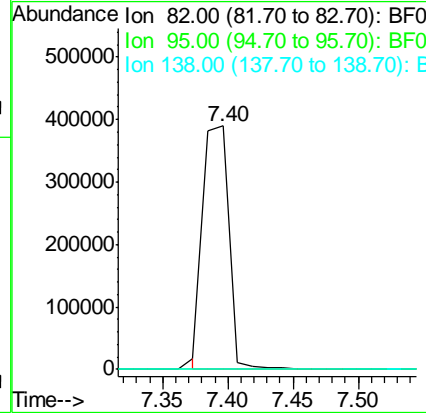
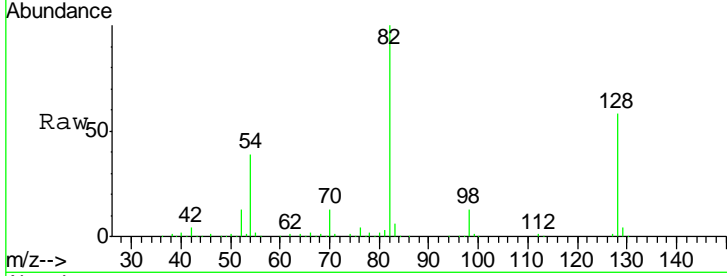




#25
 Isophorone
 Concen: 37.11 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

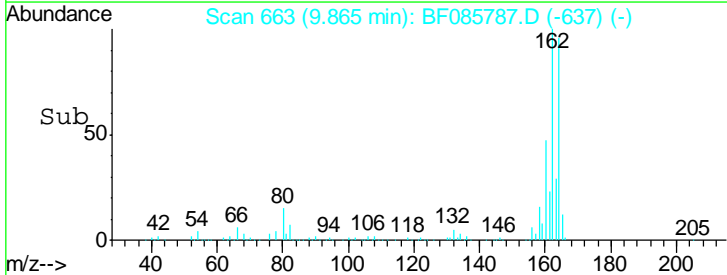
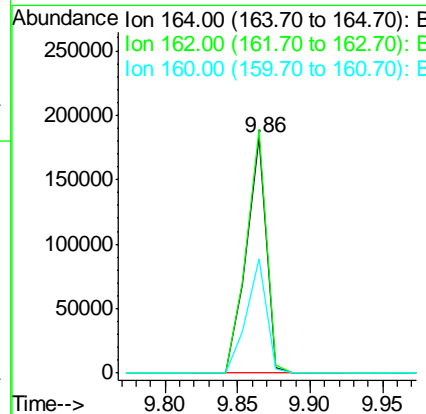
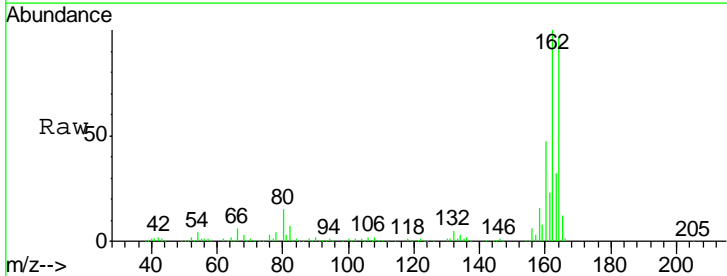
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

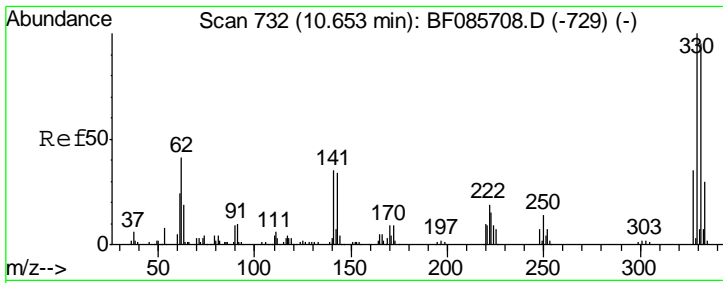
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	48.5	37.4	56.2

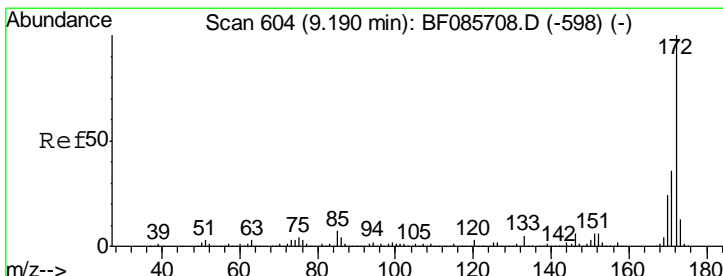
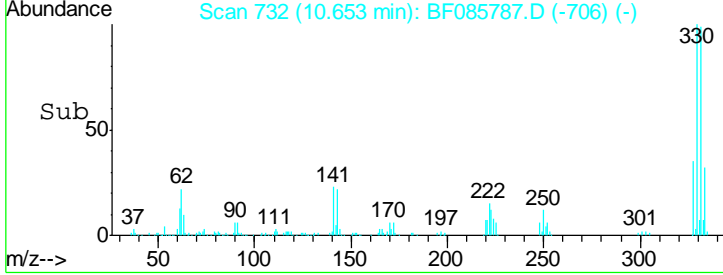
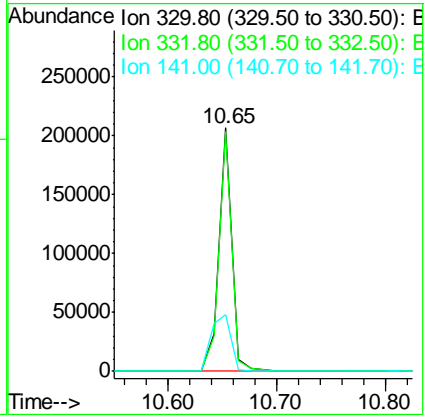
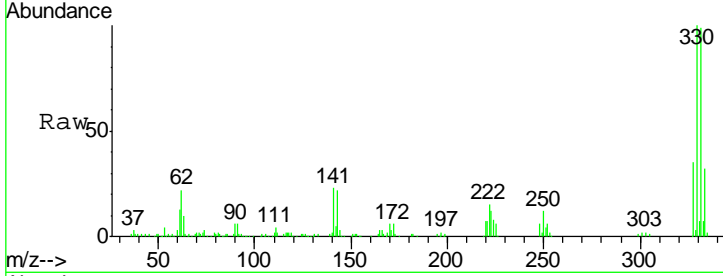




#41
 2,4,6-Tribromophenol
 Concen: 103.74 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

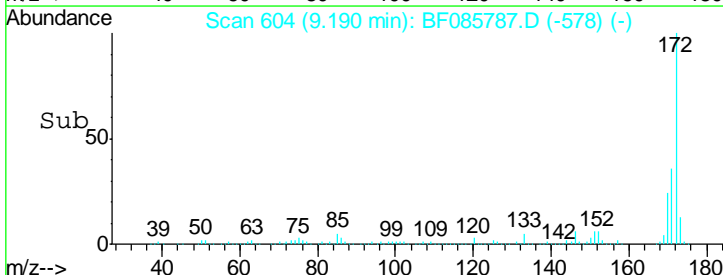
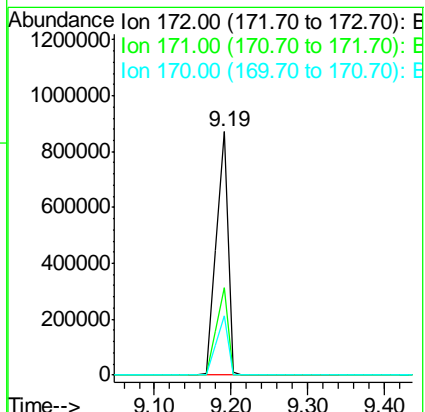
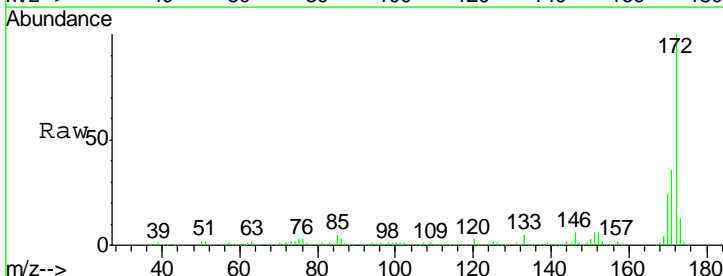
Instrument :
 BNA_F
ClientSampled :
 S-PG-A(0-6)

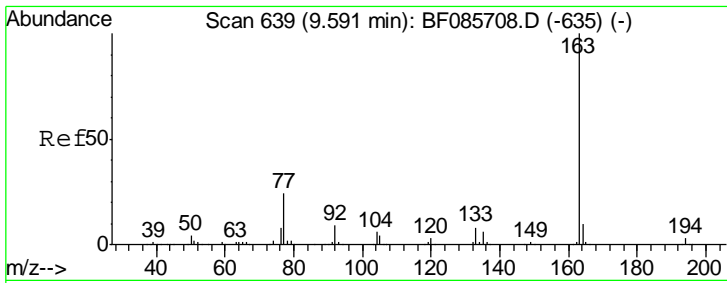
Tgt Ion	Resp	Lower	Upper
330	100		
332	98.0	78.2	117.2
141	36.6	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 87.61 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	19.8	29.6

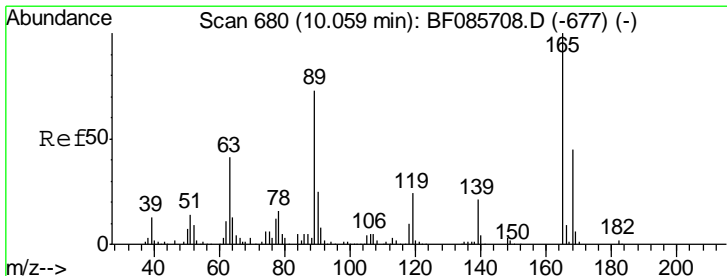
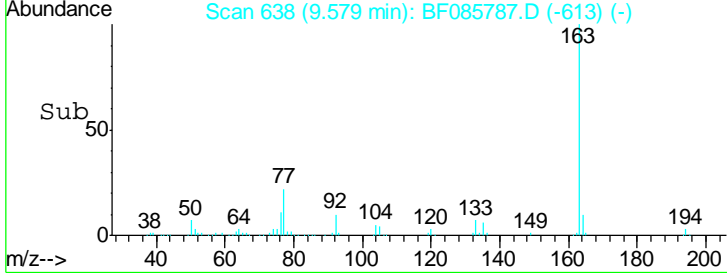
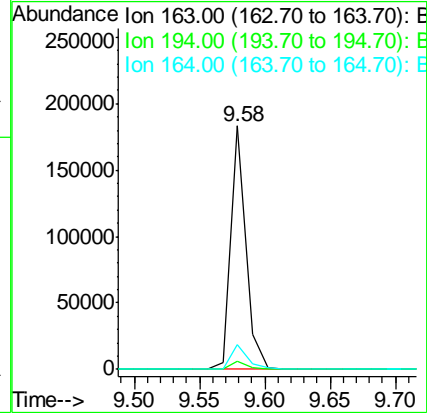
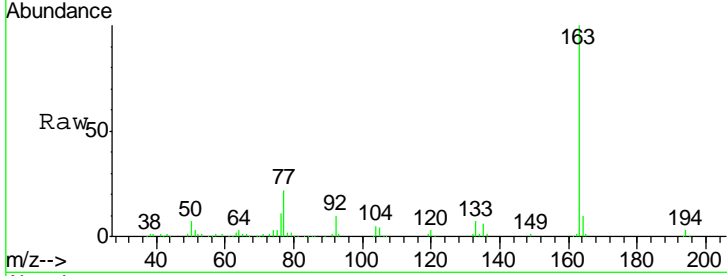




#49
 Dimethylphthalate
 Concen: 11.18 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

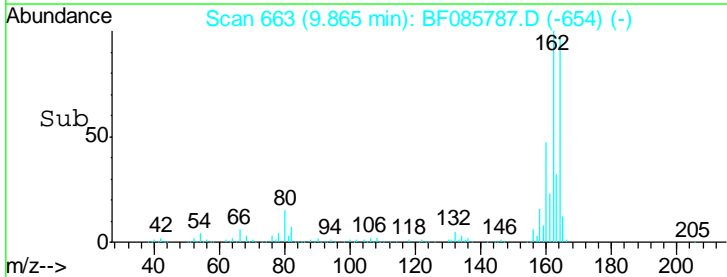
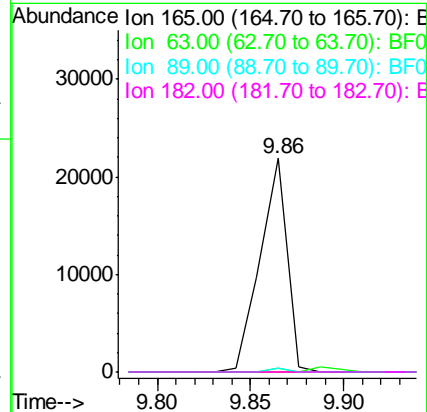
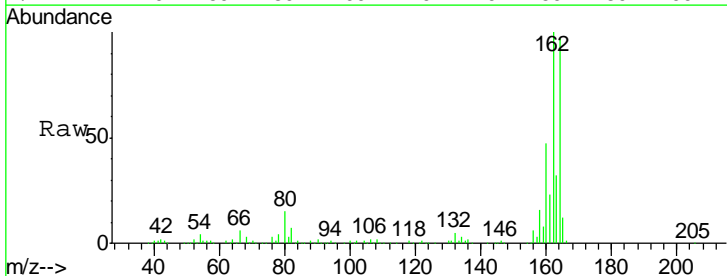
Instrument :
 BNA_F
ClientSampled :
 S-PG-A(0-6)

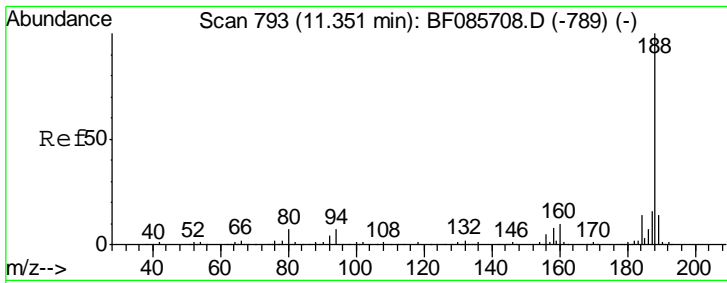
Tgt Ion	Resp	Lower	Upper
163	149626		
194	3.4	2.9	4.3
164	10.0	8.3	12.5



#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
165	22275		
63	1.9	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

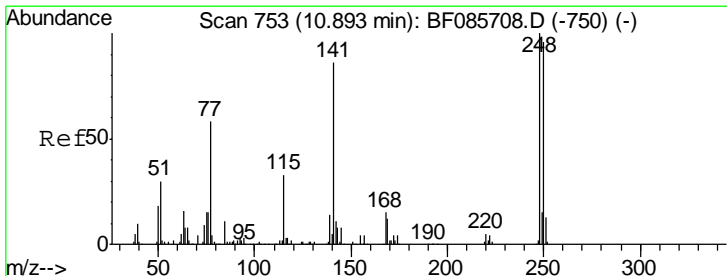
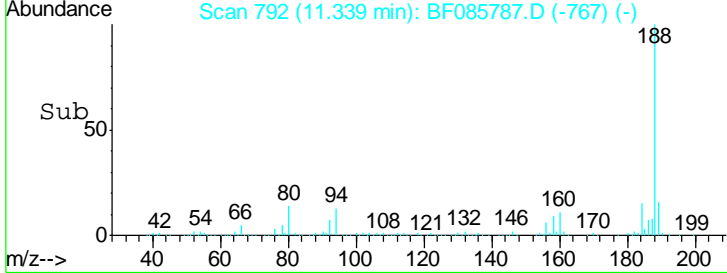
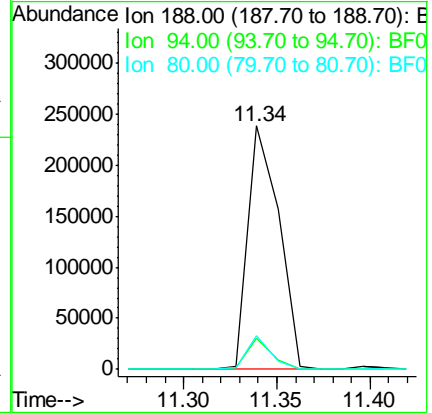
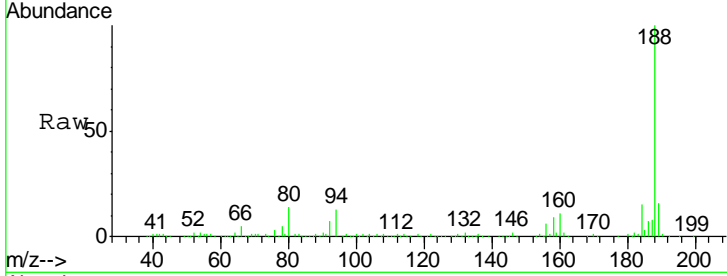




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

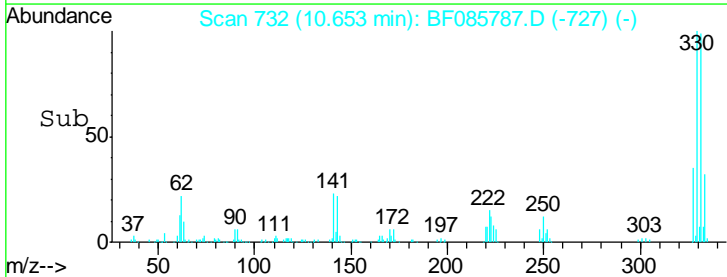
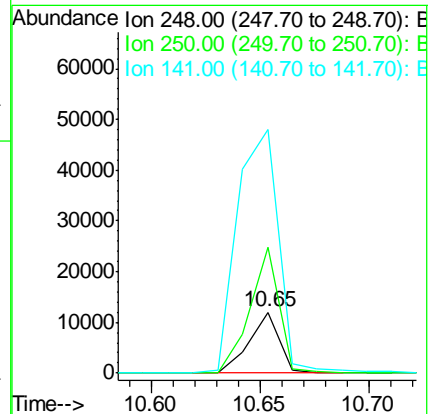
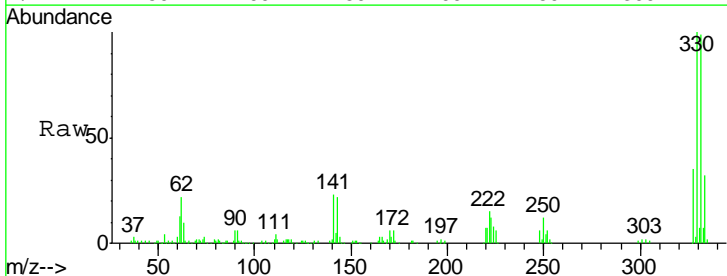
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

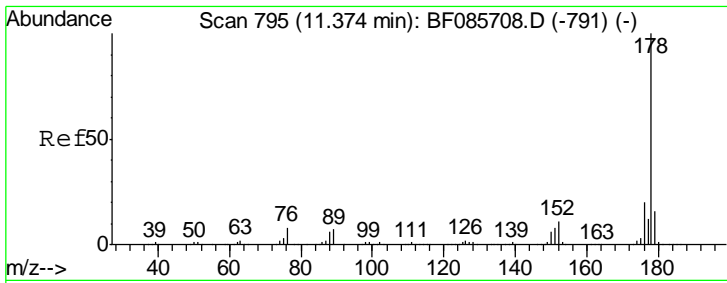
Tgt Ion	Resp	Lower	Upper
188	100		
94	12.9	5.4	8.0#
80	14.0	5.5	8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.01 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
248	100		
250	206.9	77.4	116.0#
141	400.2	63.6	95.4#

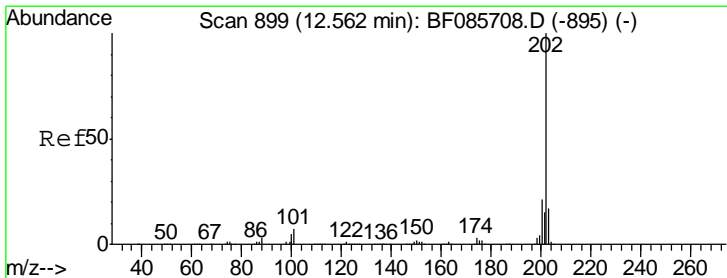
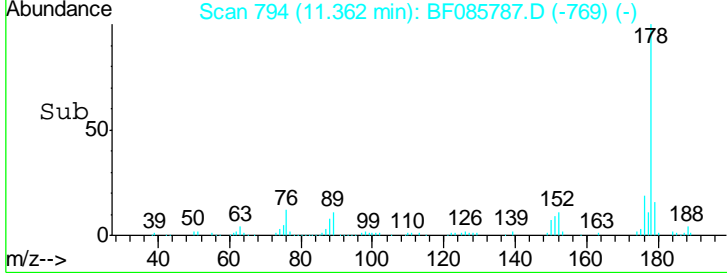
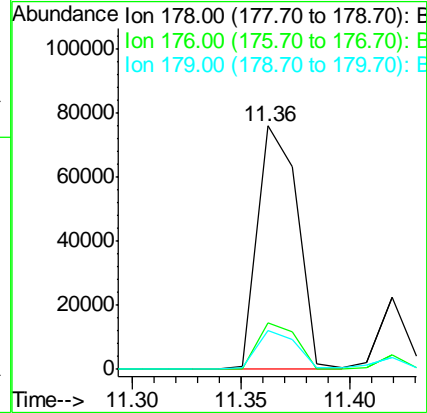
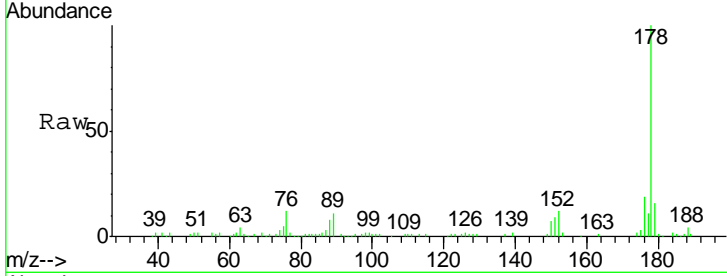




#70
 Phenanthrene
 Concen: 6.89 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

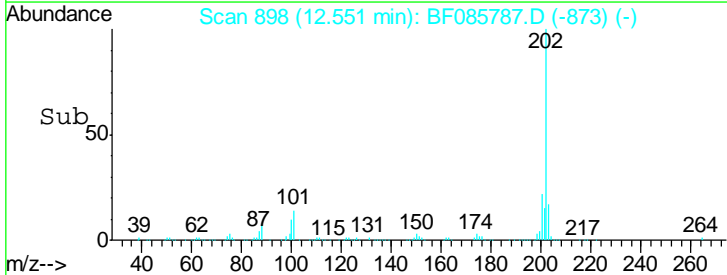
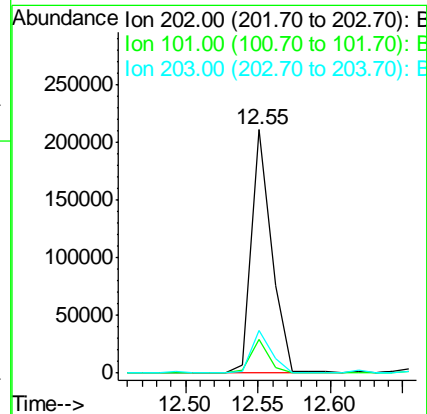
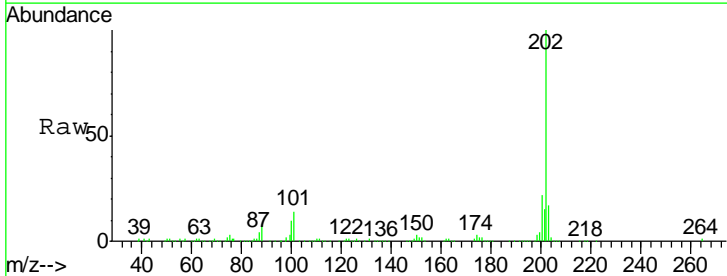
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

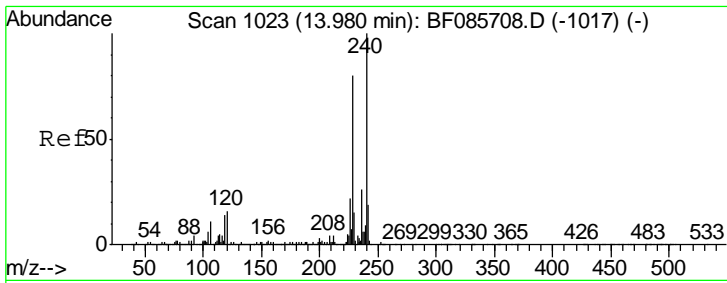
Tgt Ion	Resp	Lower	Upper
178	97810		
176	19.1	16.3	24.5
179	15.8	12.6	18.8



#74
 Fluoranthene
 Concen: 13.48 ng
 RT: 12.55 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
202	203490		
101	13.9	0.0	36.6
203	17.5	0.0	38.1

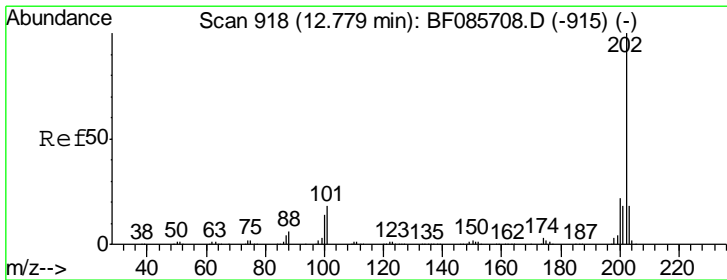
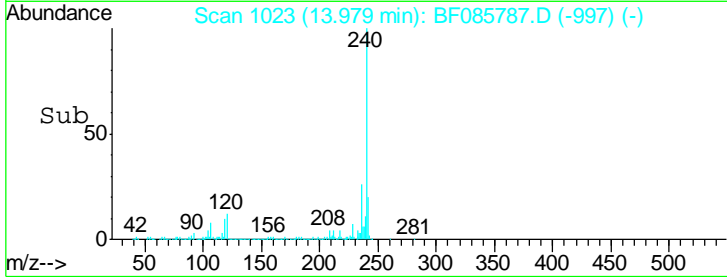
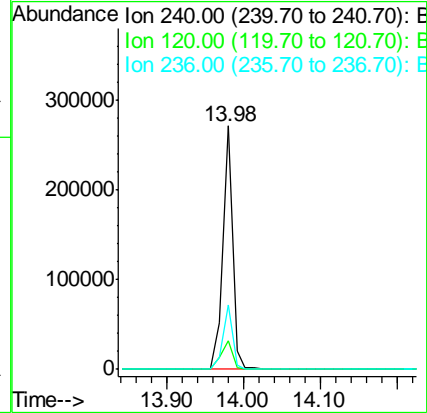
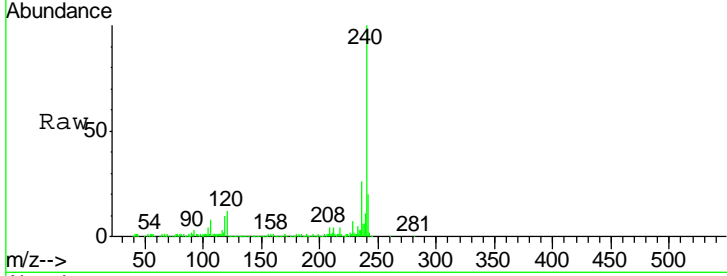




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

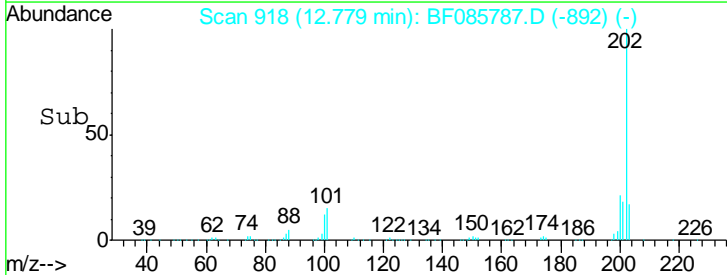
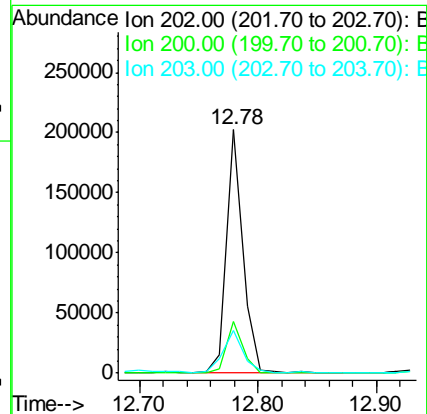
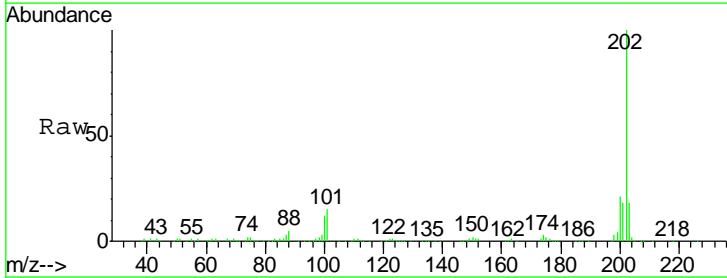
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

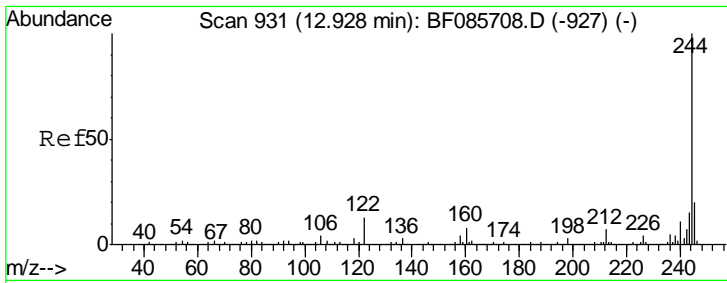
Tgt Ion	Resp	Lower	Upper
240	100		
120	11.7	13.8	20.8#
236	26.5	20.6	30.8



#77
 Pyrene
 Concen: 9.68 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.7	14.0	21.0

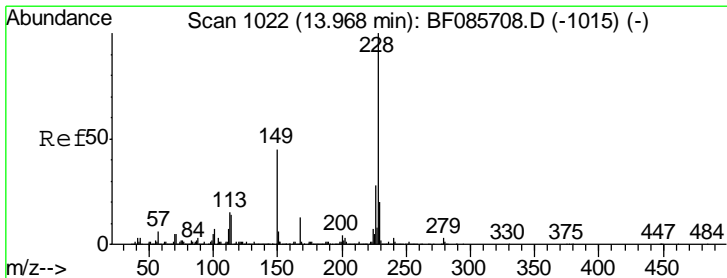
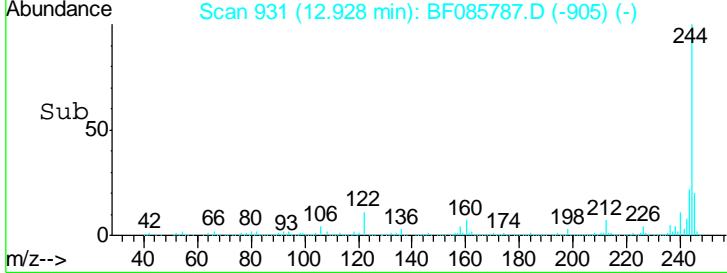
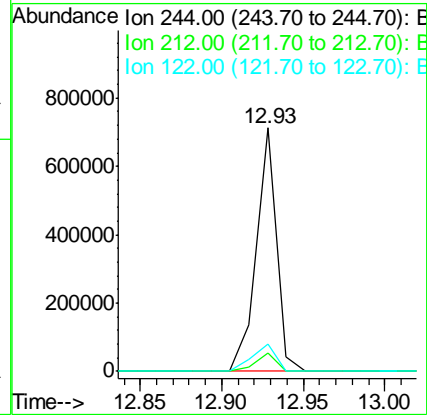
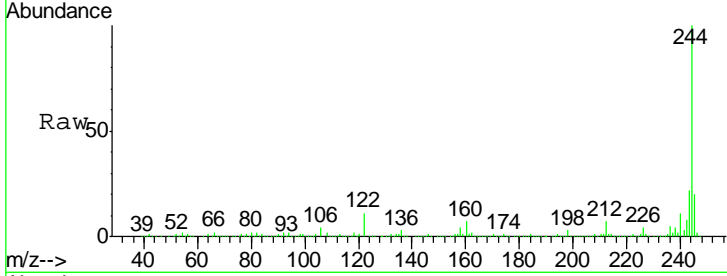




#78
 Terphenyl-d14
 Concen: 52.44 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

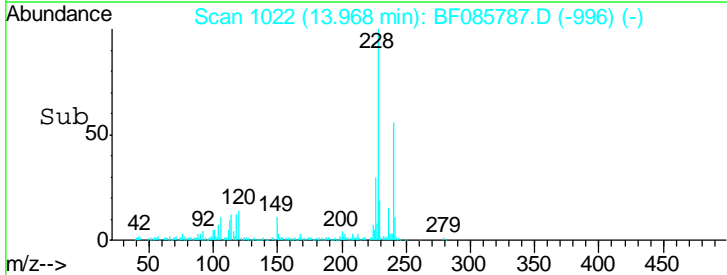
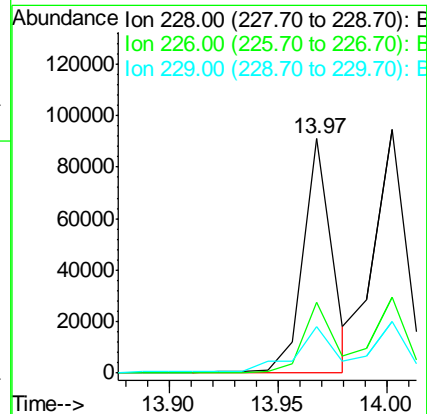
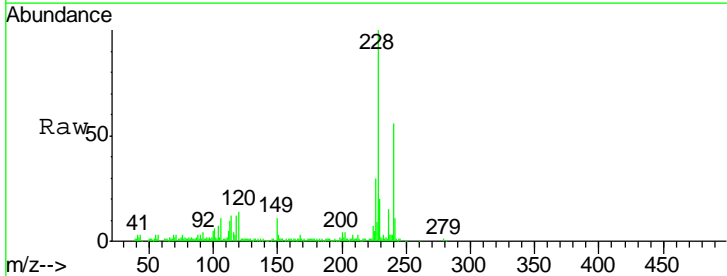
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

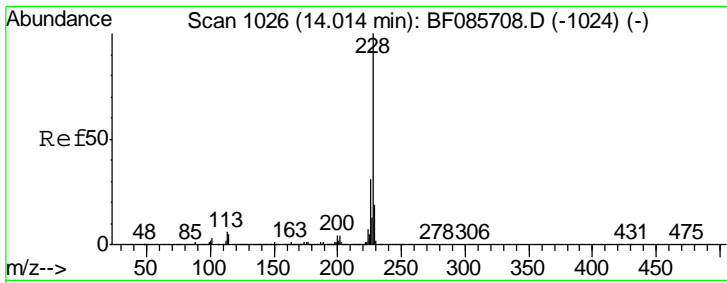
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.4	10.2	15.4



#80
 Benzo(a)anthracene
 Concen: 6.17 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	20.0	16.2	24.4

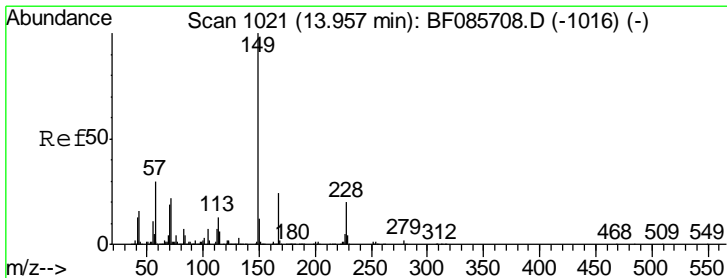
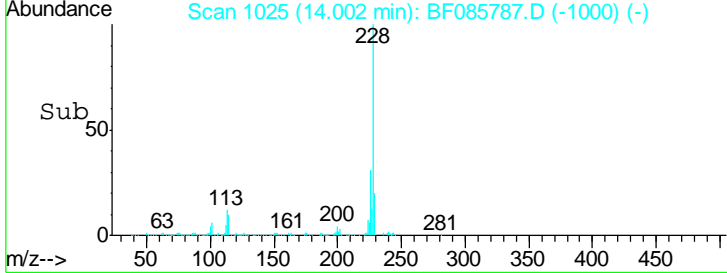
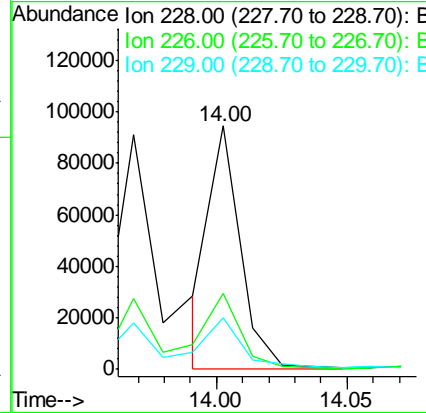
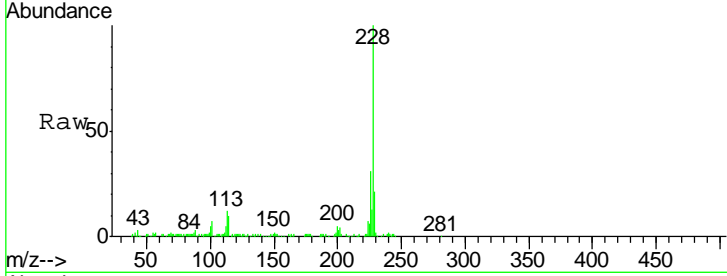




#82
 Chrysene
 Concen: 5.61 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

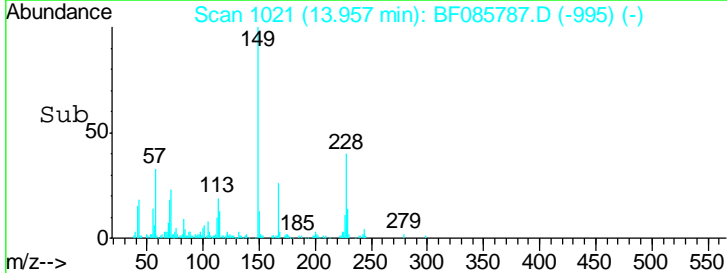
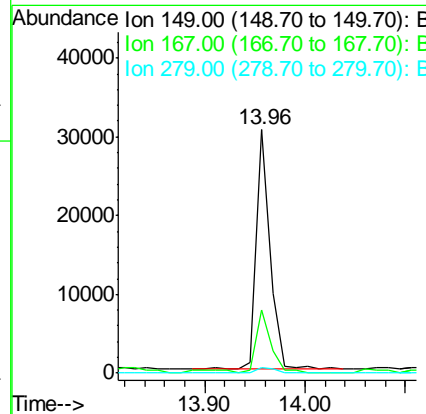
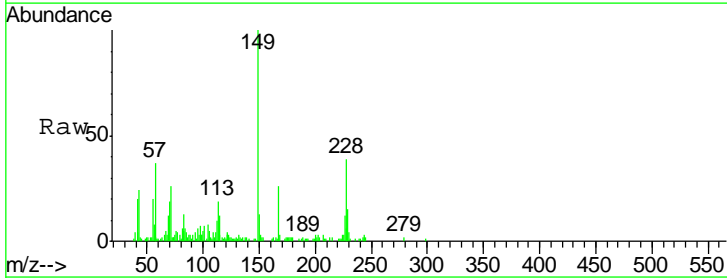
Instrument :
 BNA_F
 Client Sampled :
 S-PG-A(0-6)

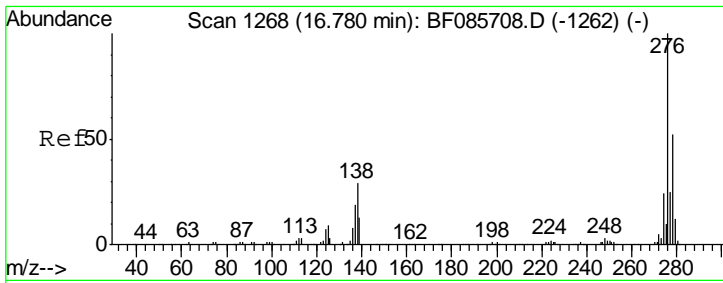
Tgt Ion	Resp	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.1	15.7	23.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.94 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
149	100		
167	25.9	19.4	29.2
279	2.4	1.5	2.3#

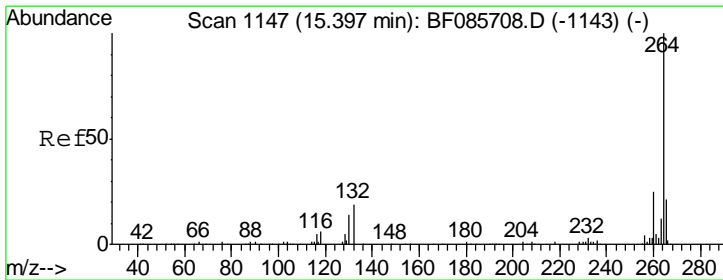
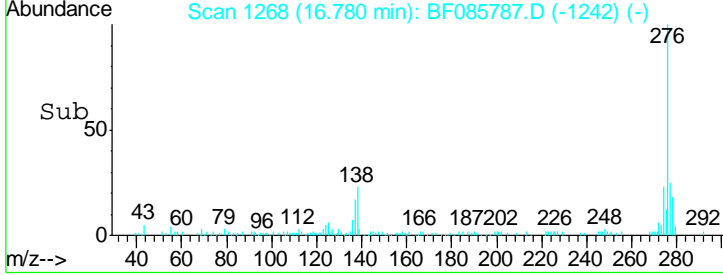
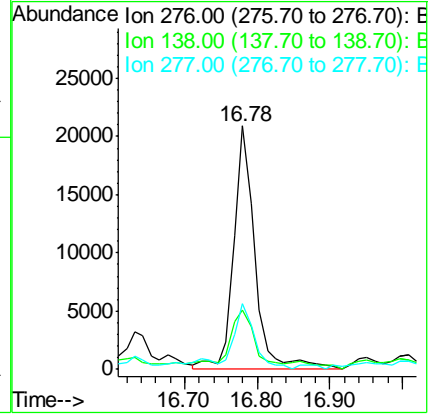
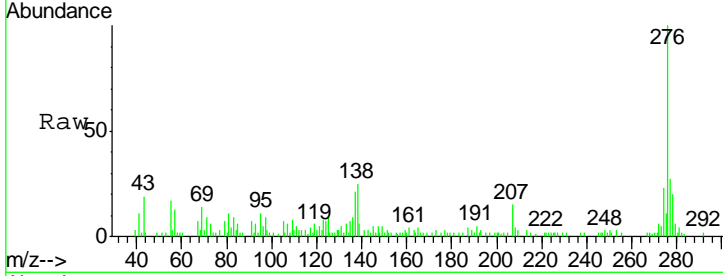




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.00 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

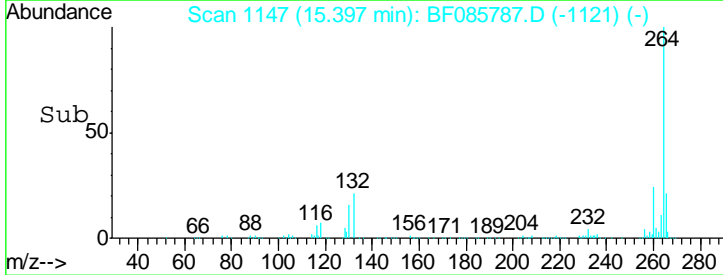
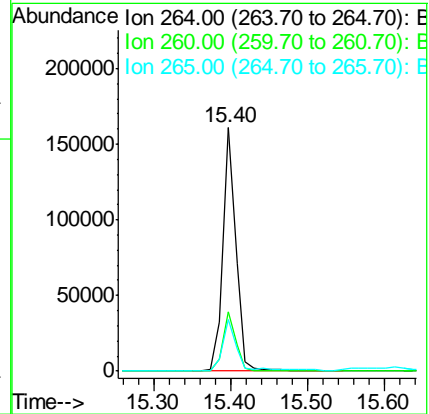
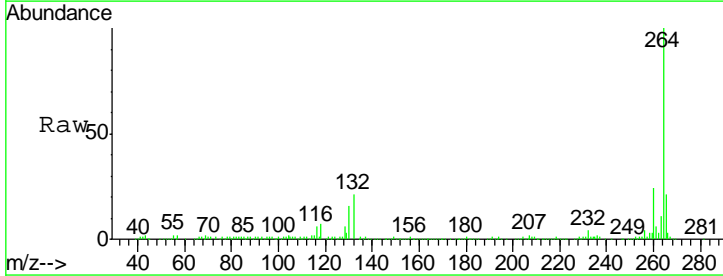
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

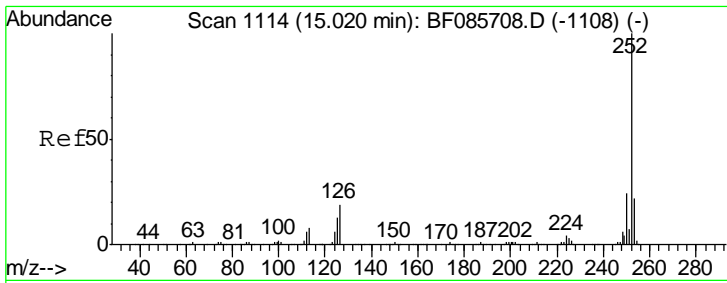
Tgt Ion	Resp	Lower	Upper
276	42598		
138	22.8	24.2	36.4#
277	25.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
264	192242		
260	24.1	19.4	29.2
265	21.5	17.2	25.8

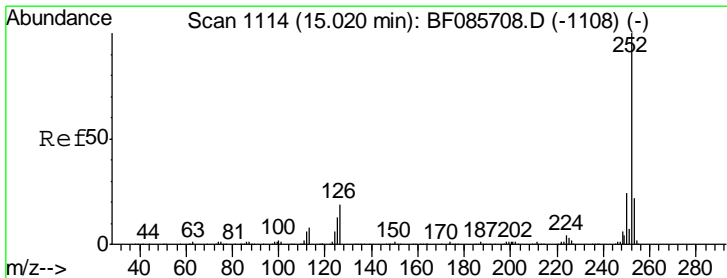
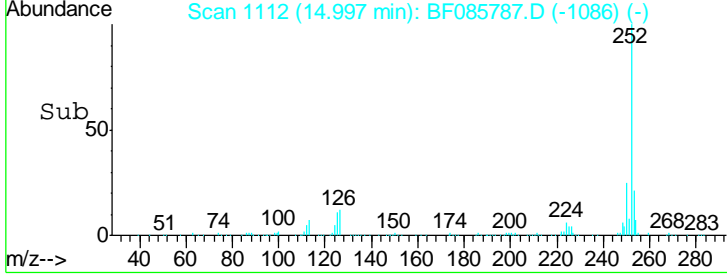
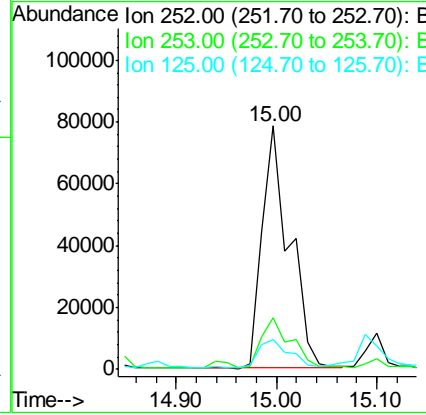
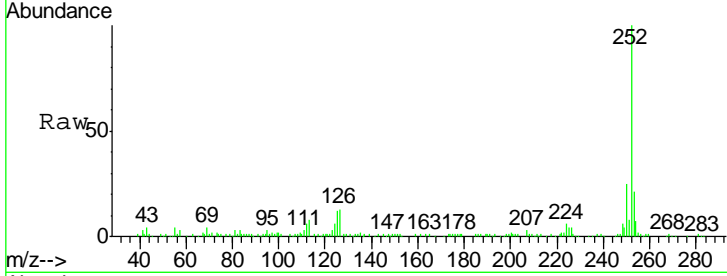




#87
 Benzo(b)fluoranthene
 Concen: 12.25 ng
 RT: 15.00 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

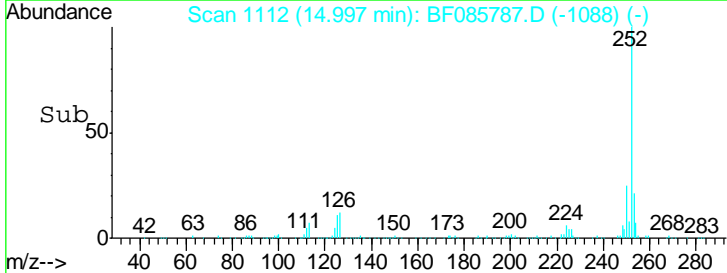
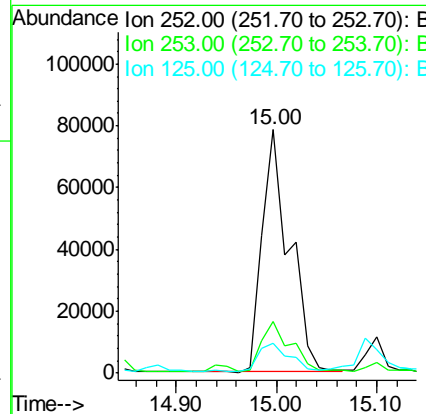
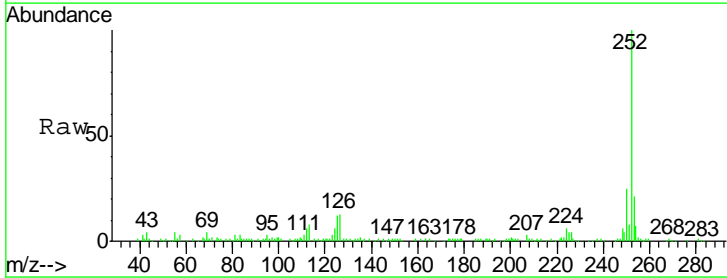
Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

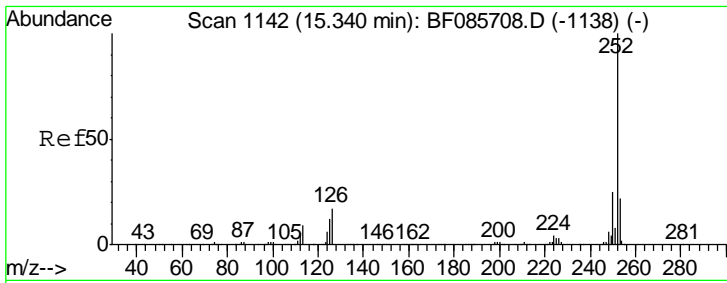
Tgt Ion	Resp	Lower	Upper
252	148300		
253	21.3	17.6	26.4
125	12.4	10.3	15.5



#88
 Benzo(k)fluoranthene
 Concen: 13.58 ng
 RT: 15.00 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
252	148300		
253	21.3	17.8	26.6
125	12.4	7.7	11.5#

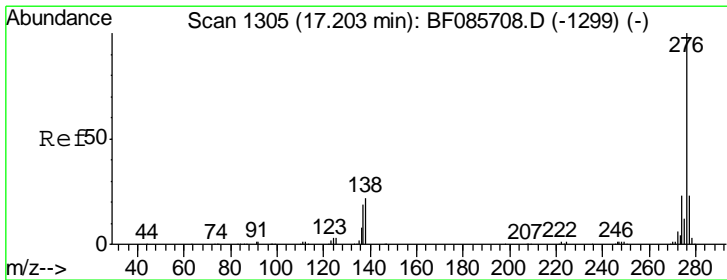
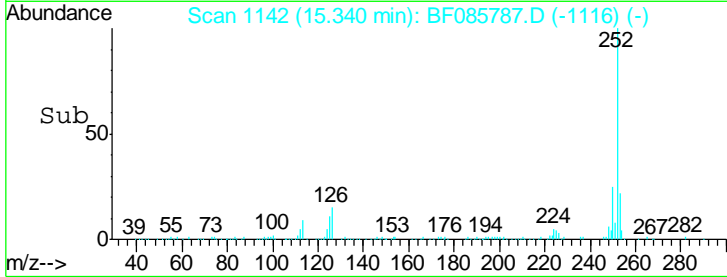
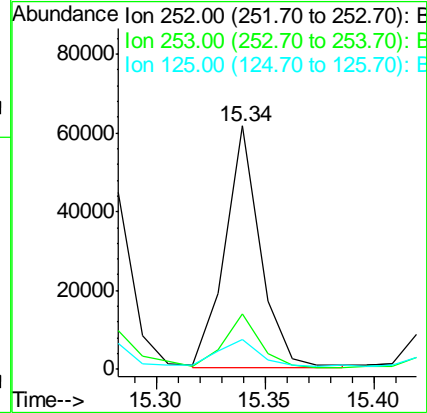
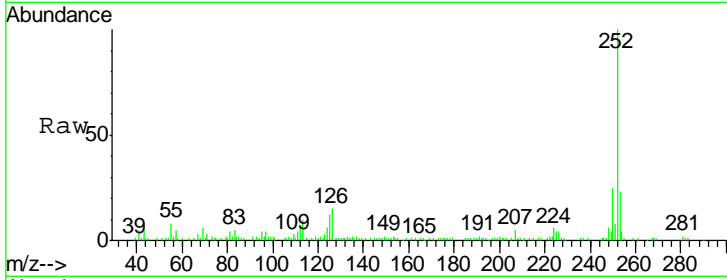




#89
 Benzo(a)pyrene
 Concen: 6.37 ng
 RT: 15.34 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 S-PG-A(0-6)

Tgt Ion	Resp	Lower	Upper
252	68501		
253	22.8	17.4	26.0
125	12.0	10.3	15.5



#91
 Benzo(g,h,i)perylene
 Concen: 3.89 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Resp	Lower	Upper
276	39320		
277	25.2	18.8	28.2
138	23.5	22.6	34.0

