Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085612.D
Acq On : 20 Mar 2016 11:44
Operator : UM/SJ
Sample : H1796-09DL 100X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB09(6-8)DL

Quant Time: Mar 21 00:23:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128926	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	538707	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	233053	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	406202	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	264742	20.00	ng		0.00
86) Perylene-d12	15.44	264	246165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	4298	0.56	ng		0.00
7) Phenol-d6	6.48	99	9373	0.95	ng		-0.01
23) Nitrobenzene-d5	7.42	82	5438	0.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	1905	0.83	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	18730	-1.00	ng		-0.01
78) Terphenyl-d14	12.96	244	13385	1.22	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	999949	36.77	ng		99
33) 4-Chloroaniline	8.16	127	133630	11.99	ng	#	34
37) 2-Methylnaphthalene	8.85	142	262353	15.83	ng		97
45) 1,1'-Biphenyl	9.32	154	85814	4.27	ng		93
48) Acenaphthylene	9.75	152	315690	13.28	ng		99
50) 2,6-Dinitrotoluene	9.89	165	38061	10.25	ng	#	19
51) Acenaphthene	9.92	154	35558	2.38	ng		98
54) Dibenzofuran	10.09	168	62572	3.45	ng	#	90
57) Fluorene	10.44	166	256111	16.92	ng		99
70) Phenanthrene	11.41	178	1188267	55.48	ng		100
71) Anthracene	11.45	178	380266	16.93	ng		98
74) Fluoranthene	12.59	202	403709	18.00	ng		97
77) Pyrene	12.81	202	608524	32.01	ng		99
80) Benzo(a)anthracene	14.04	228	129995	8.46	ng		93
82) Chrysene	14.04	228	129995	8.79	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	44639	3.61	ng		97
87) Benzo(b)fluoranthene	15.03	252	153686	9.57	ng		97
88) Benzo(k)fluoranthene	15.03	252	153686	11.61	ng	#	95
89) Benzo(a)pyrene	15.37	252	136031	9.99	ng		96
91) Benzo(g,h,i)perylene	17.25	276	54945	5.00	ng		98

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
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AOU2-SB09(6-8)DL

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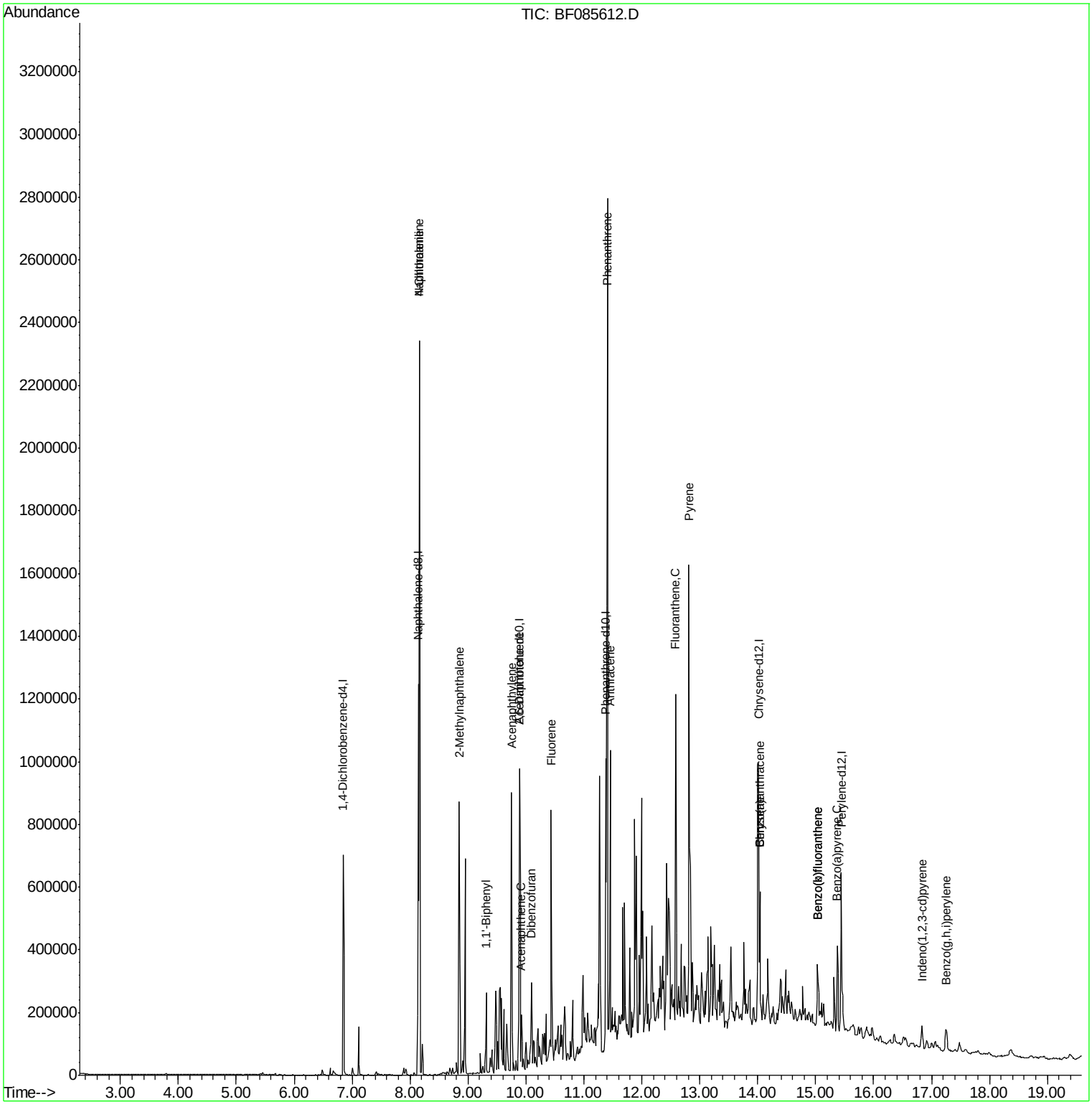
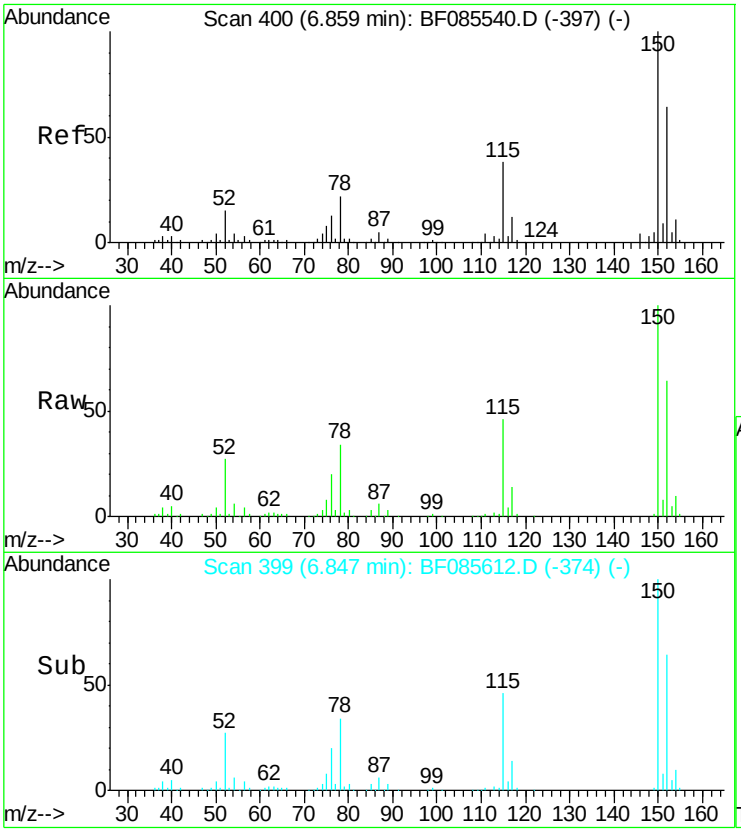


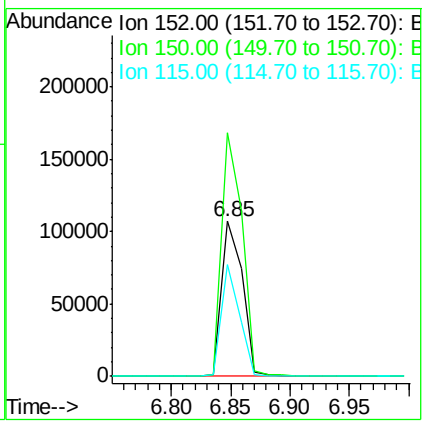


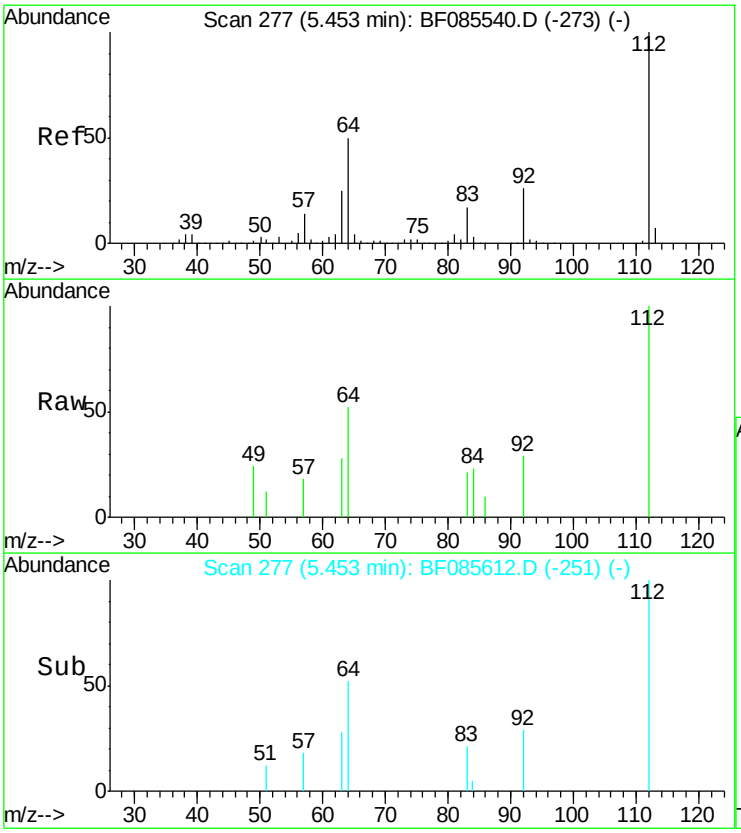
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:152 Resp: 128926

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	72.3	47.0	70.6#

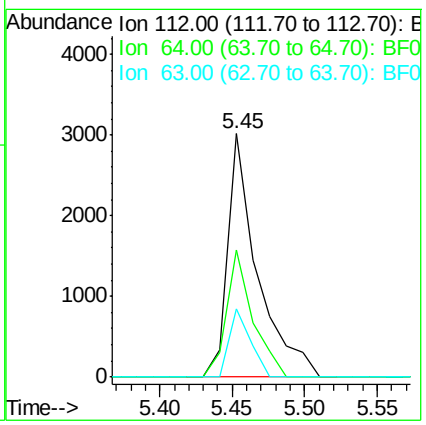


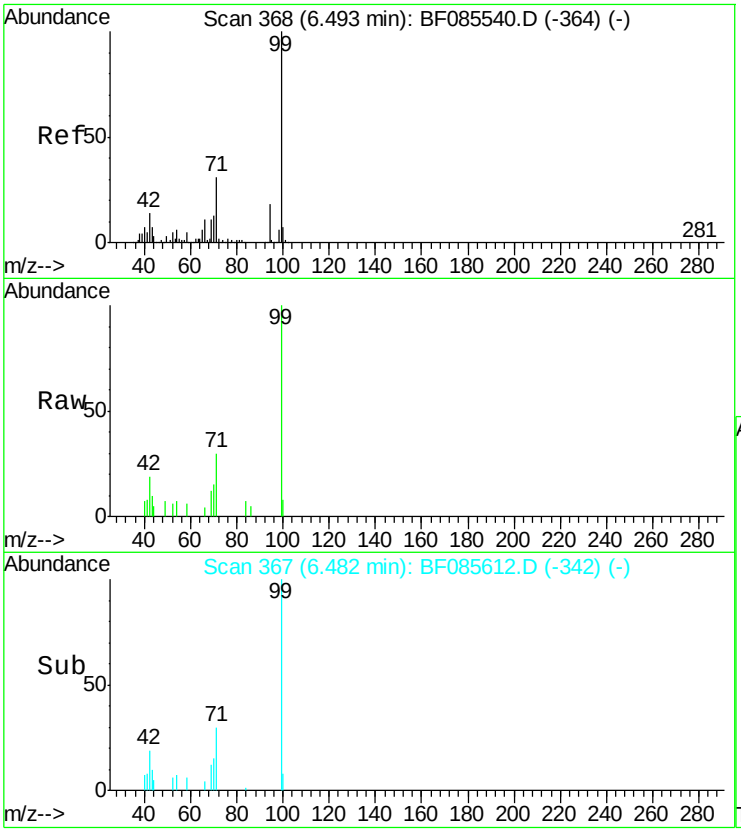


#5
2-Fluorophenol
Concen: 0.56 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:112 Resp: 4298

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.9	59.9
63	28.2	20.2	30.2



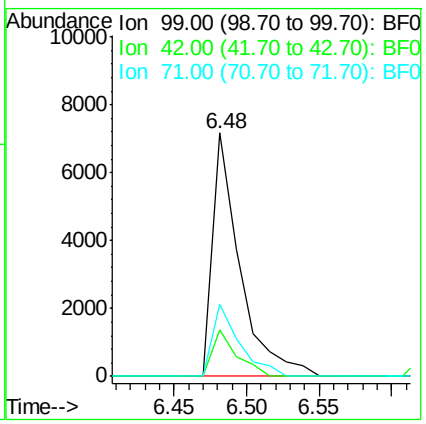


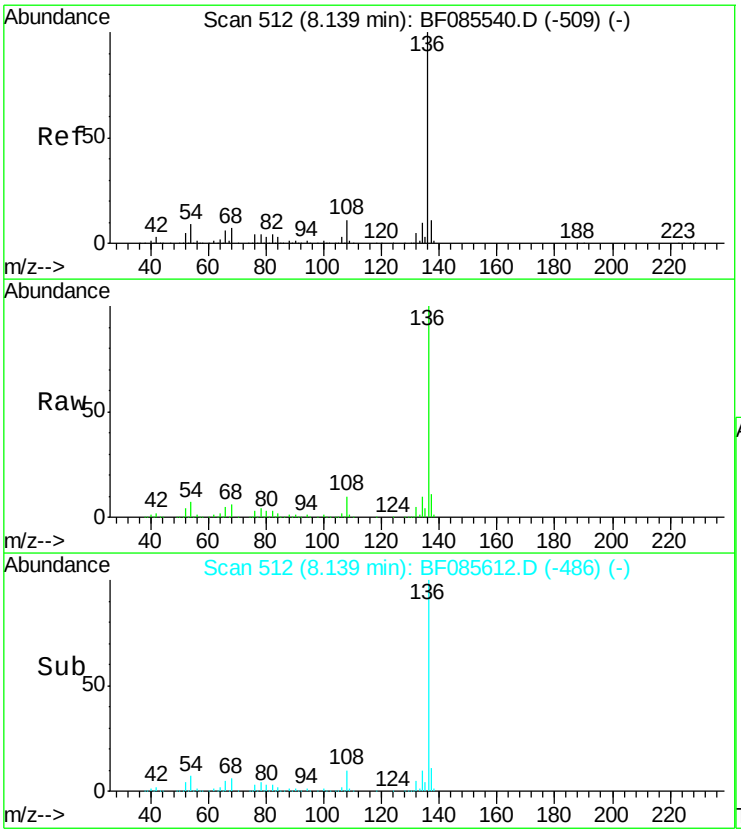
#7
Phenol-d6
Concen: 0.95 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion: 99 Resp: 9373

Ion	Ratio	Lower	Upper
99	100		
42	19.3	11.1	16.7#
71	29.5	24.9	37.3

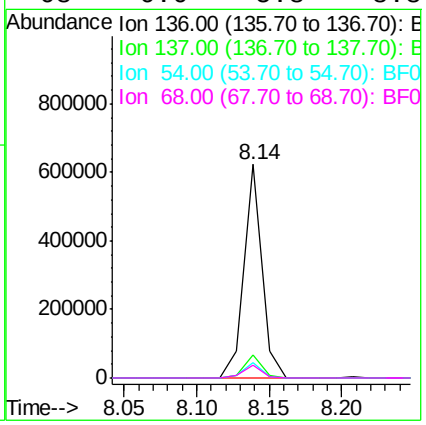


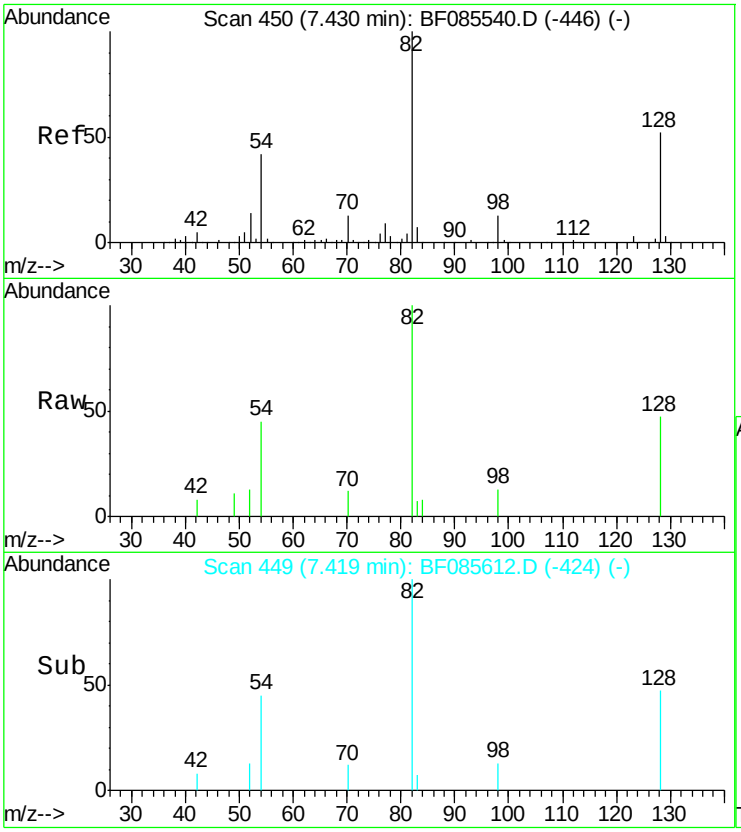


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:136 Resp: 538707

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	7.4	11.0#
68	6.0	5.8	8.8



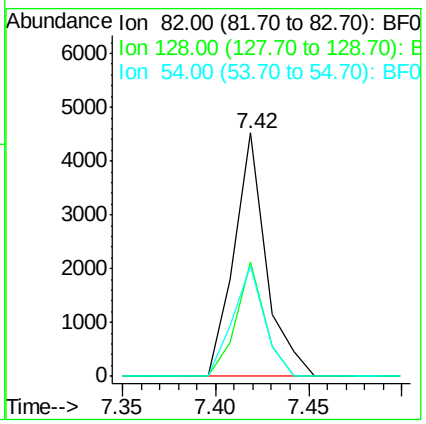


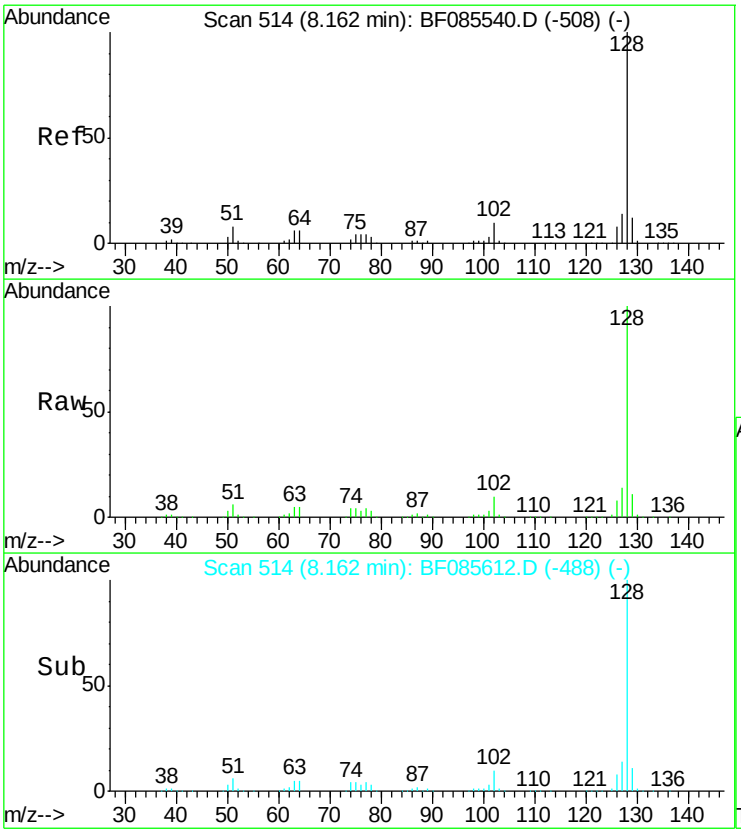
#23
Nitrobenzene-d5
Concen: 0.59 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion: 82 Resp: 5438

Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	45.3	33.4	50.0

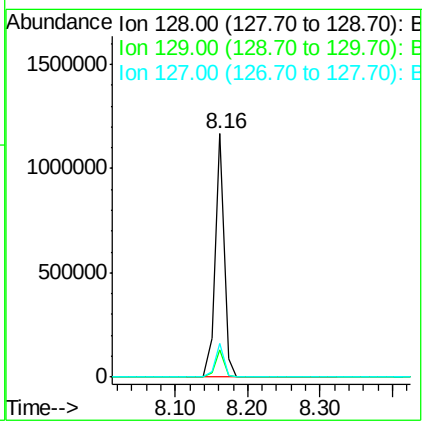


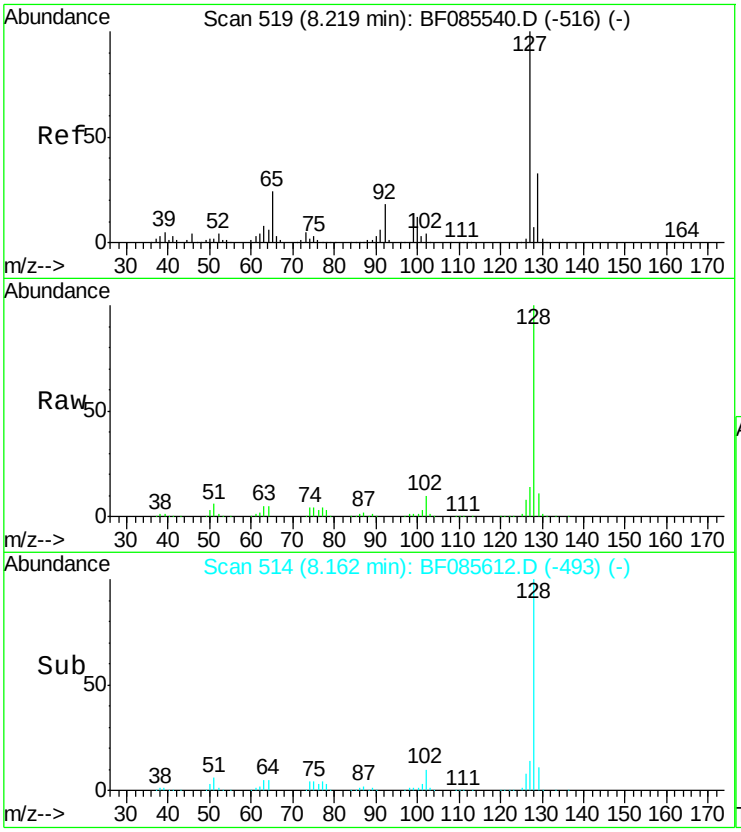


#31
Naphthalene
Concen: 36.77 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:128 Resp: 999949

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.6	11.0	16.6



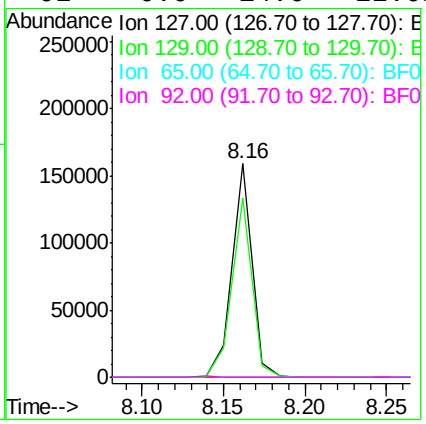


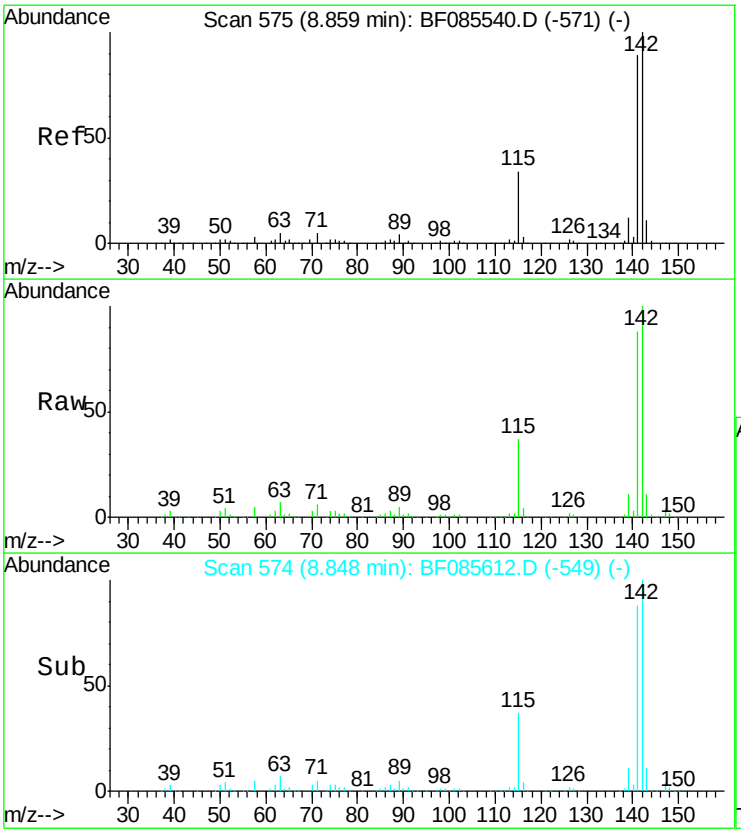
#33
4-Chloroaniline
Concen: 11.99 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:127 Resp: 133630

Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#

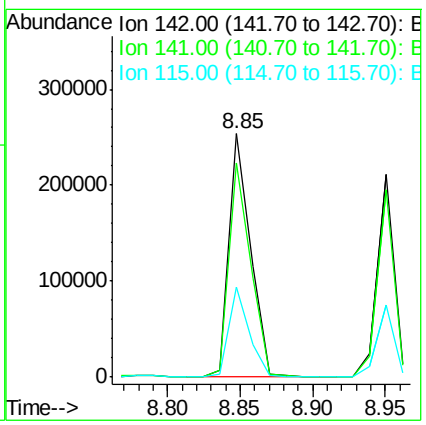


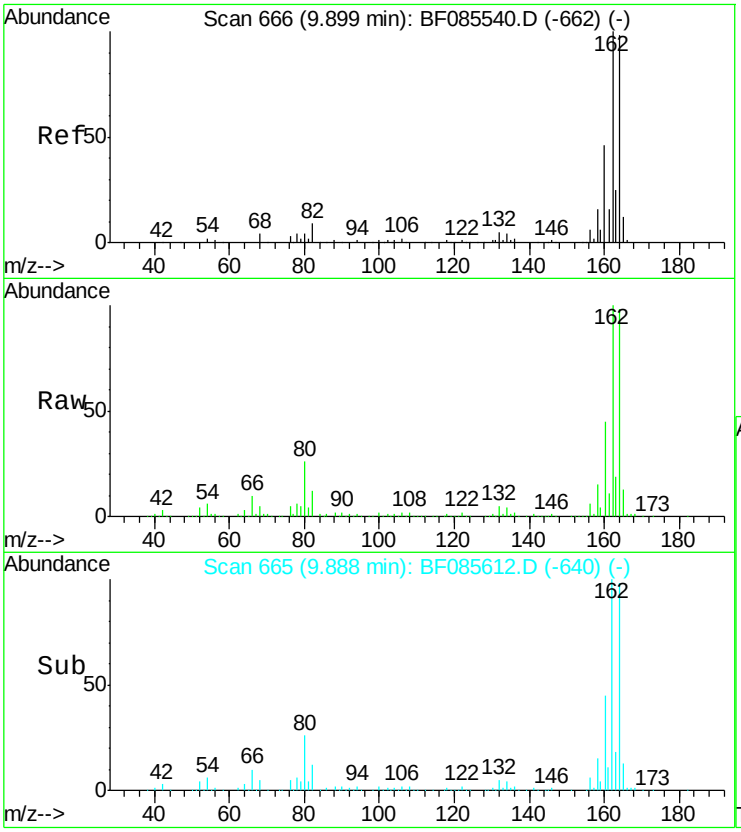


#37
2-Methylnaphthalene
Concen: 15.83 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:142 Resp: 262353

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	37.1	26.8	40.2



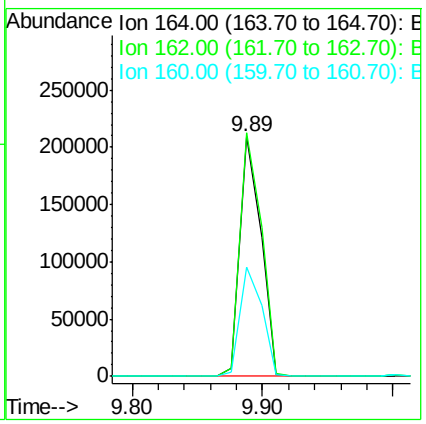


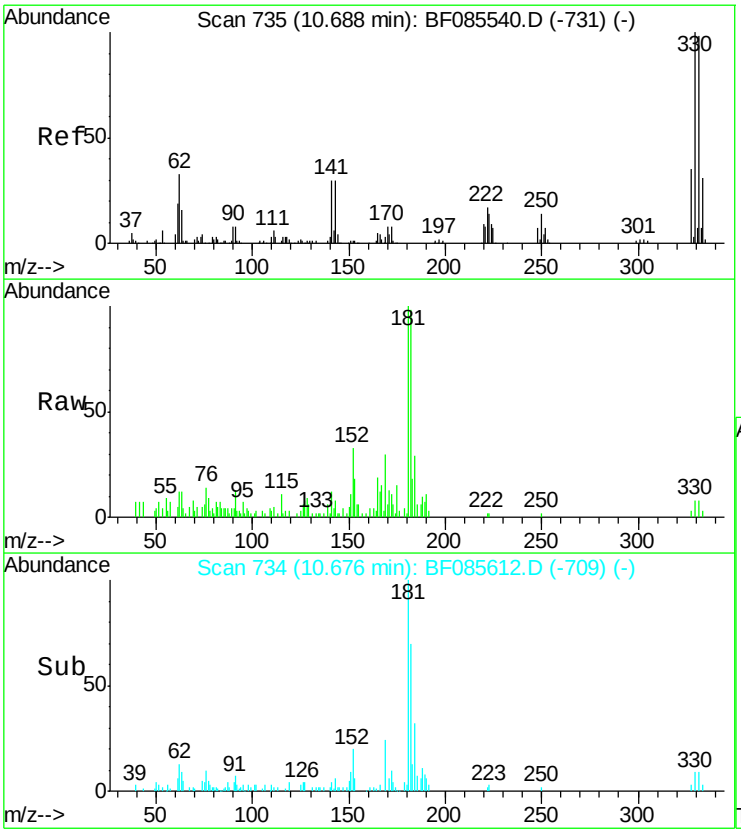
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:164 Resp: 233053

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	45.7	37.4	56.2

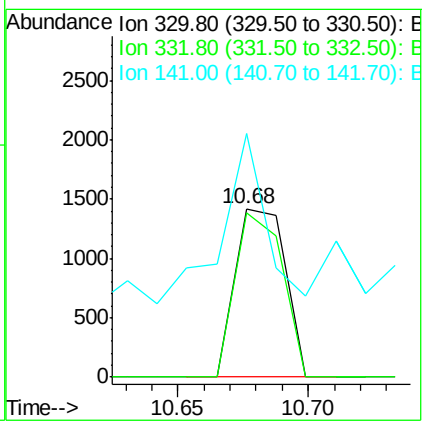


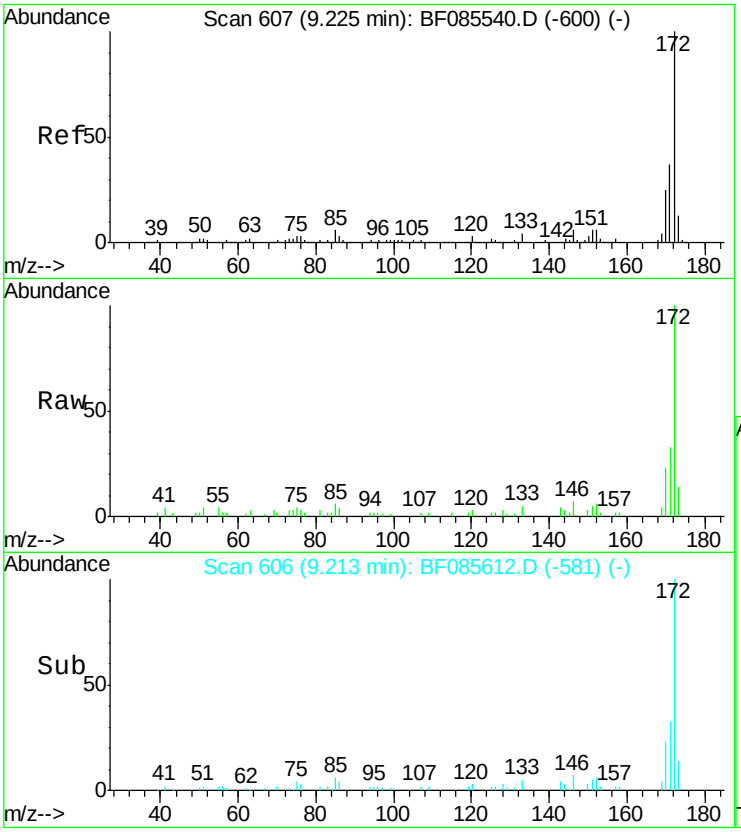


#41
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:330 Resp: 1905

Ion	Ratio	Lower	Upper
330	100		
332	92.9	78.2	117.2
141	87.8	31.5	47.3#



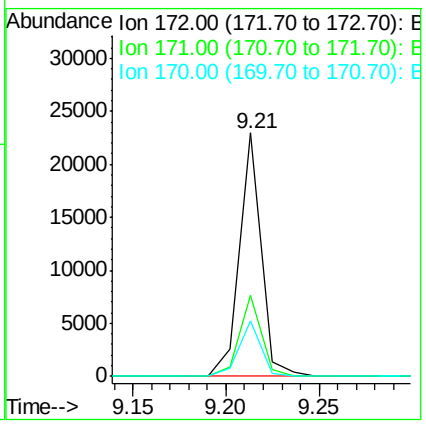


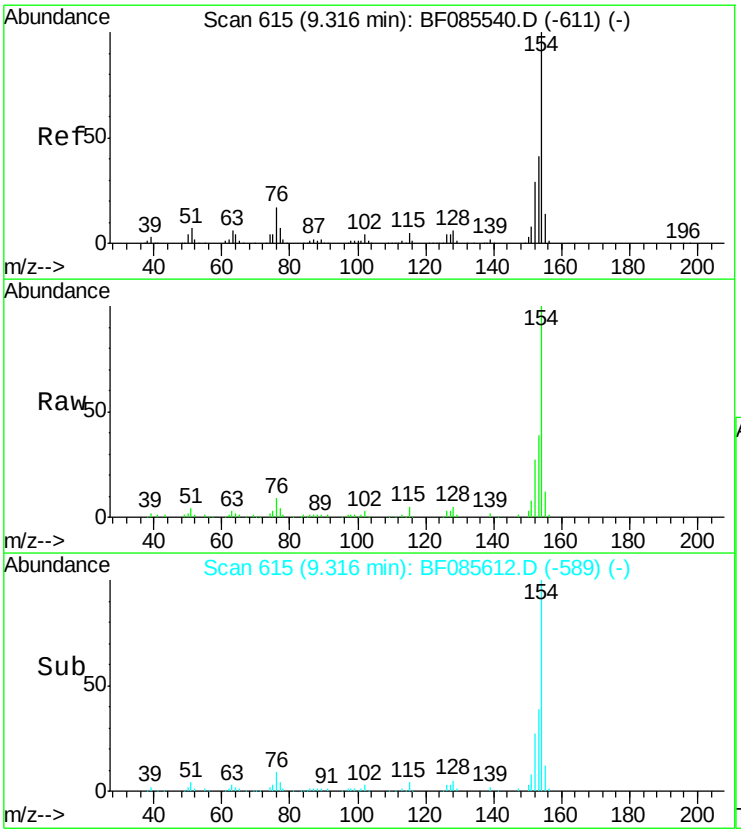
#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:172 Resp: 18730

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.4	44.2
170	22.8	19.8	29.6

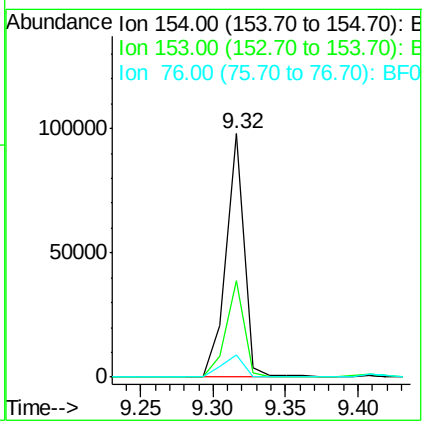


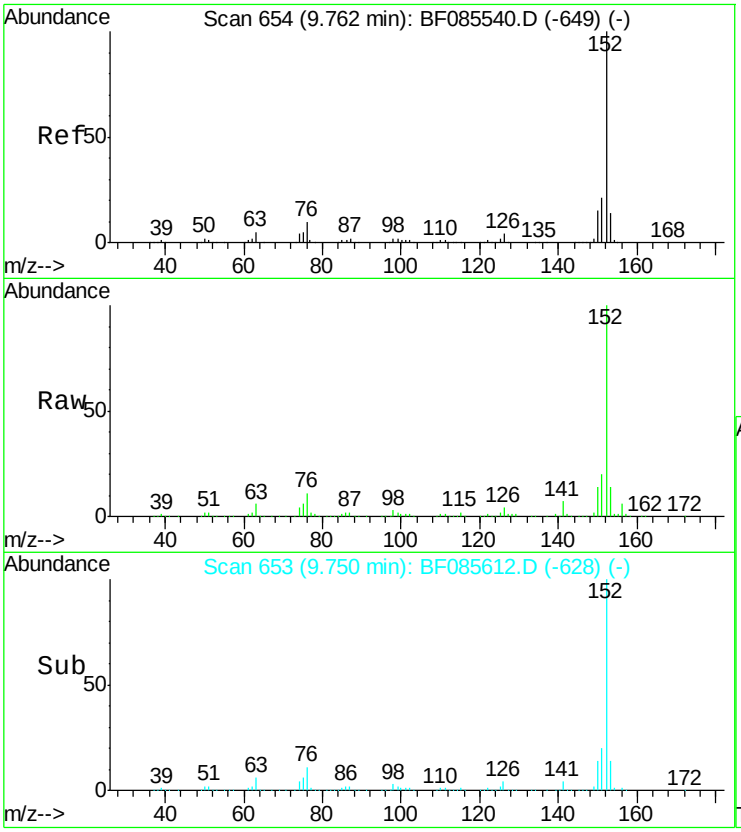


#45
1,1'-Biphenyl
Concen: 4.27 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:154 Resp: 85814

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.8	60.8
76	9.2	0.0	36.7



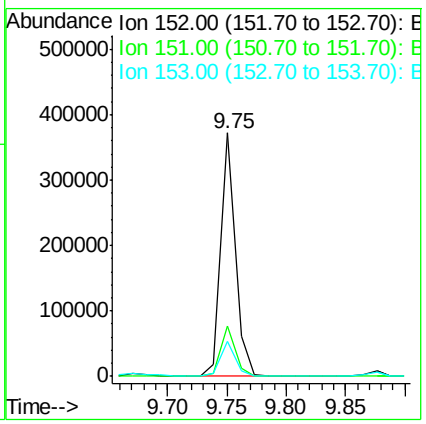


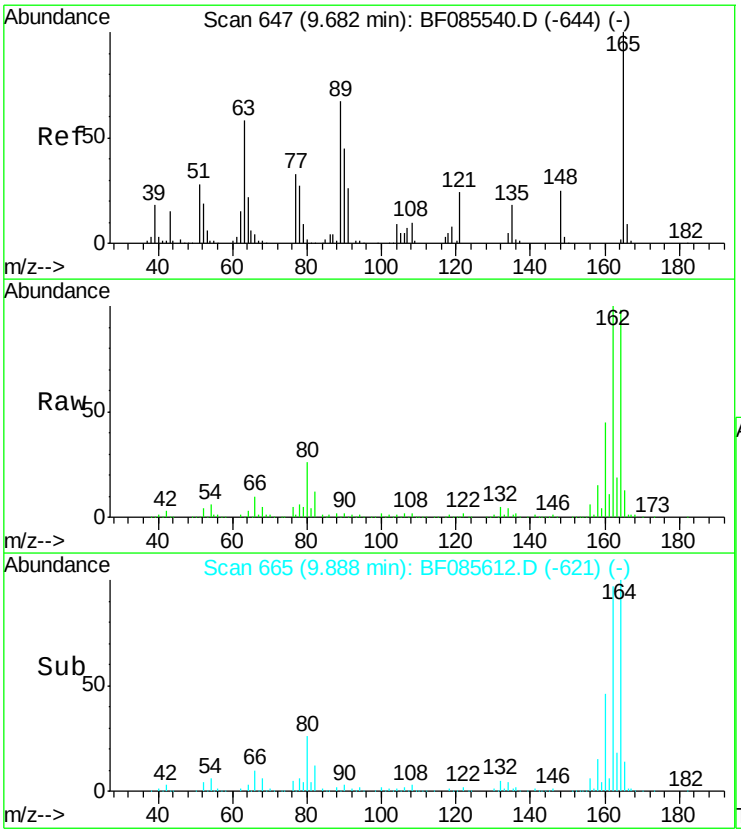
#48
Acenaphthylene
Concen: 13.28 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:152 Resp: 315690

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.4	10.9	16.3

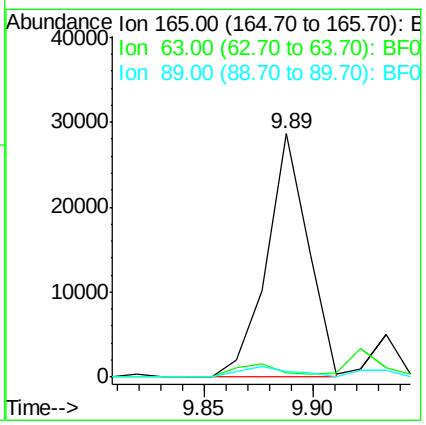


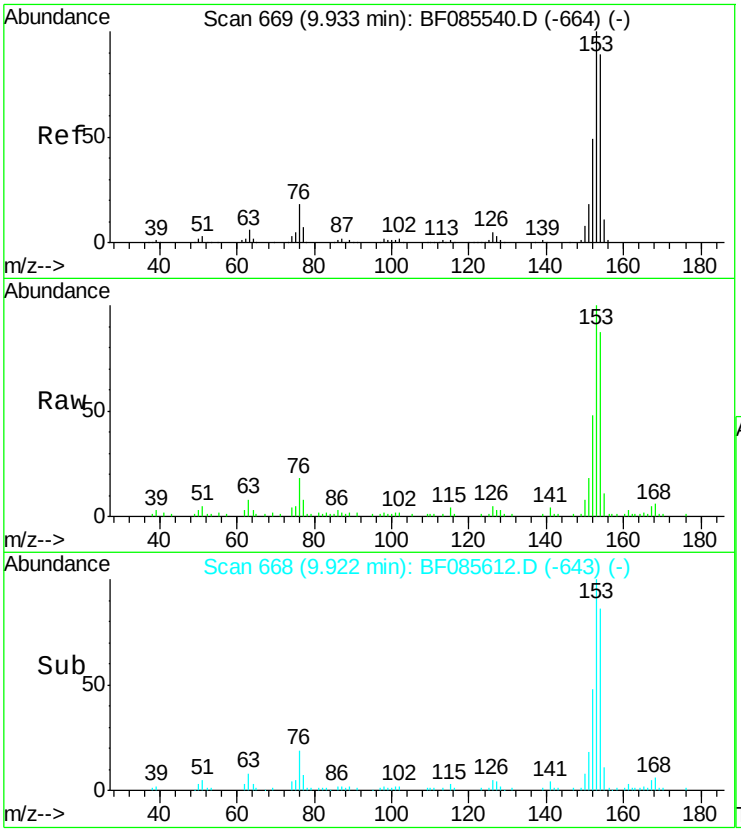


#50
2,6-Dinitrotoluene
Concen: 10.25 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:165 Resp: 38061

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	2.2	53.7	80.5#



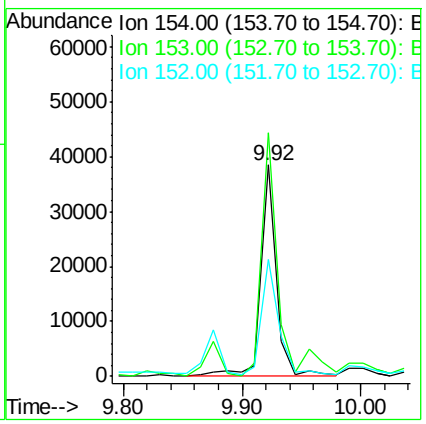


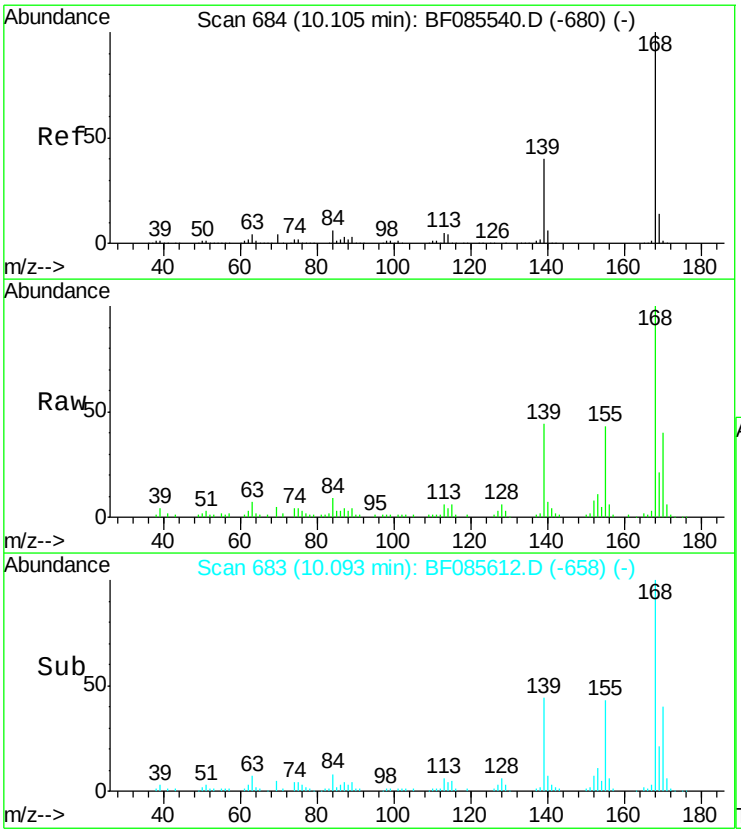
#51
Acenaphthene
Concen: 2.38 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:154 Resp: 35558

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.1	135.1
152	55.6	44.2	66.2

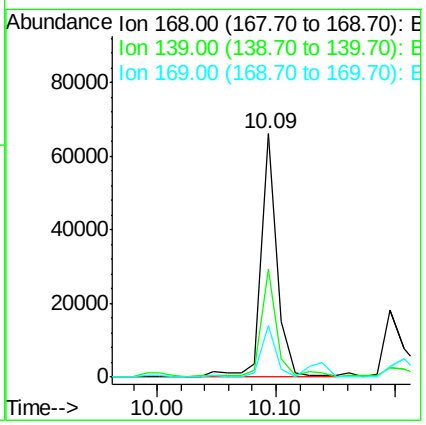


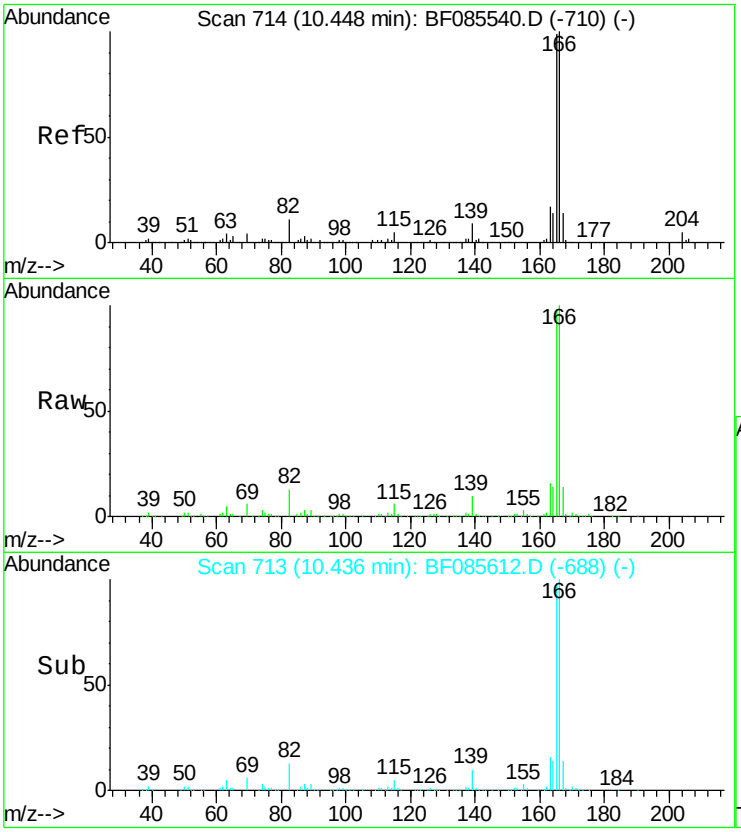


#54
Dibenzofuran
Concen: 3.45 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:168 Resp: 62572

Ion	Ratio	Lower	Upper
168	100		
139	44.5	31.9	47.9
169	21.0	11.0	16.6#



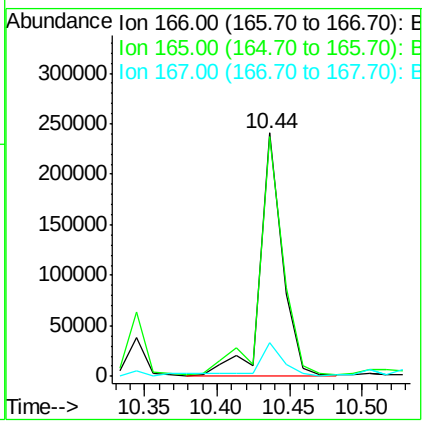


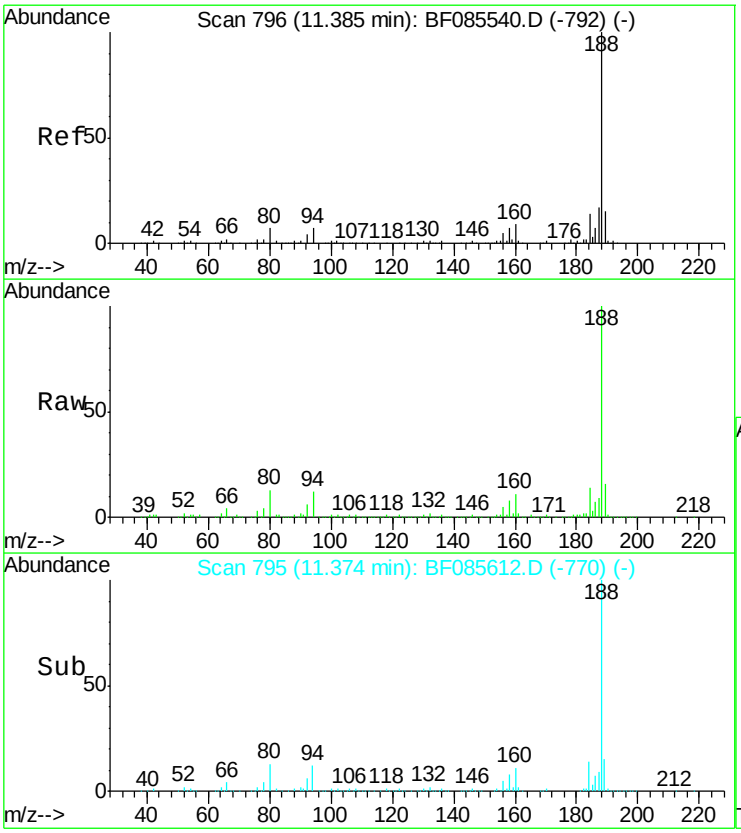
#57
Fluorene
Concen: 16.92 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:166 Resp: 256111

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	14.1	11.0	16.4

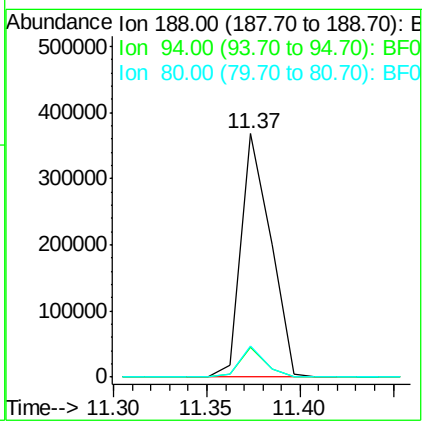


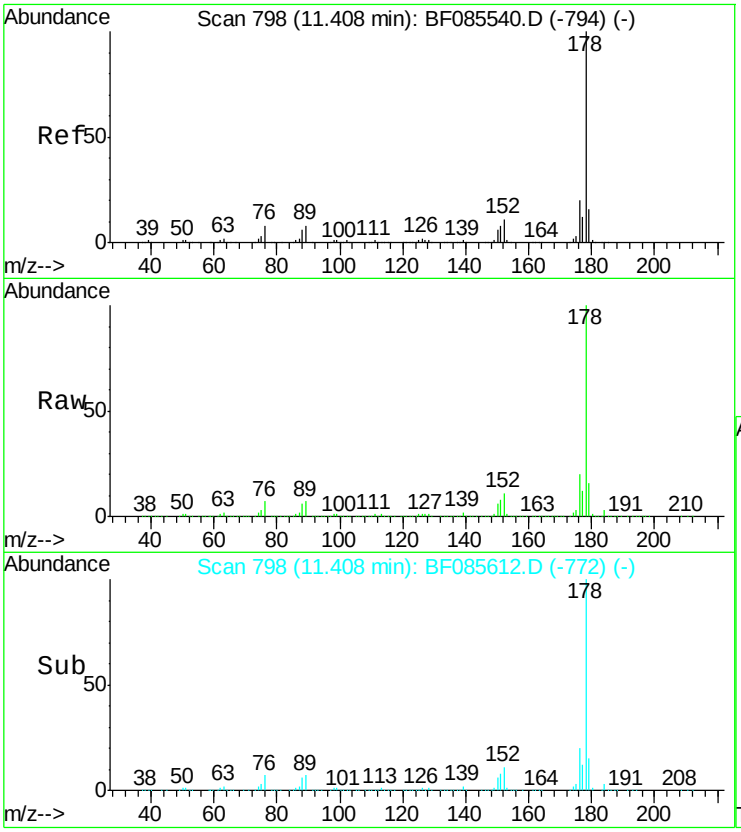


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:188 Resp: 406202

Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	12.7	5.5	8.3#



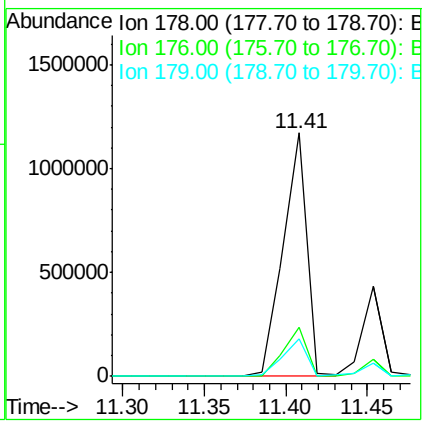


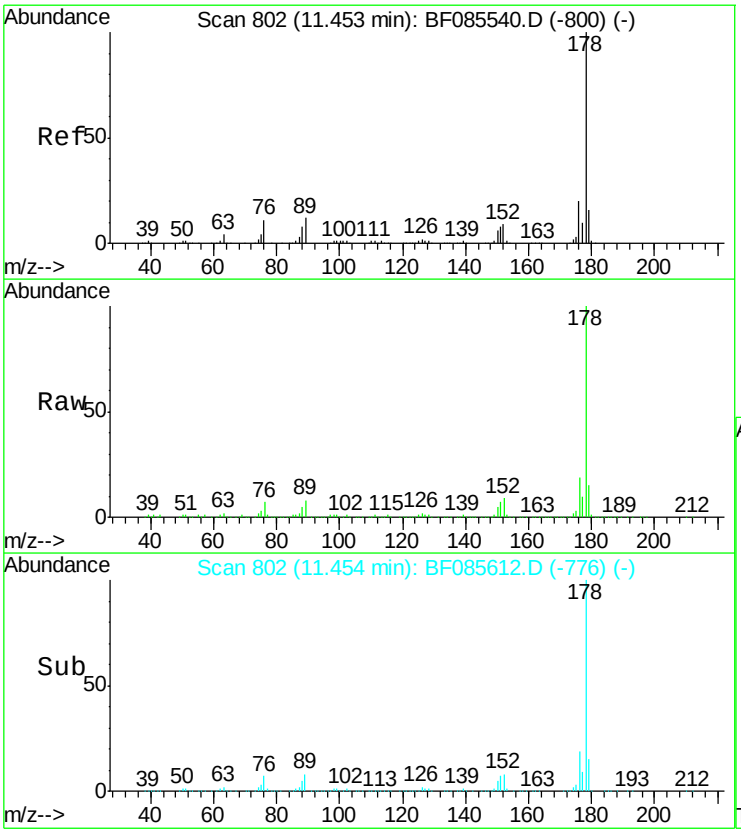
#70
Phenanthrene
Concen: 55.48 ng
RT: 11.41 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:178 Resp: 1188267

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.6	12.6	18.8

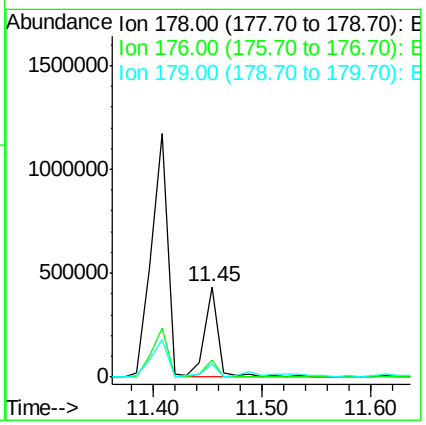


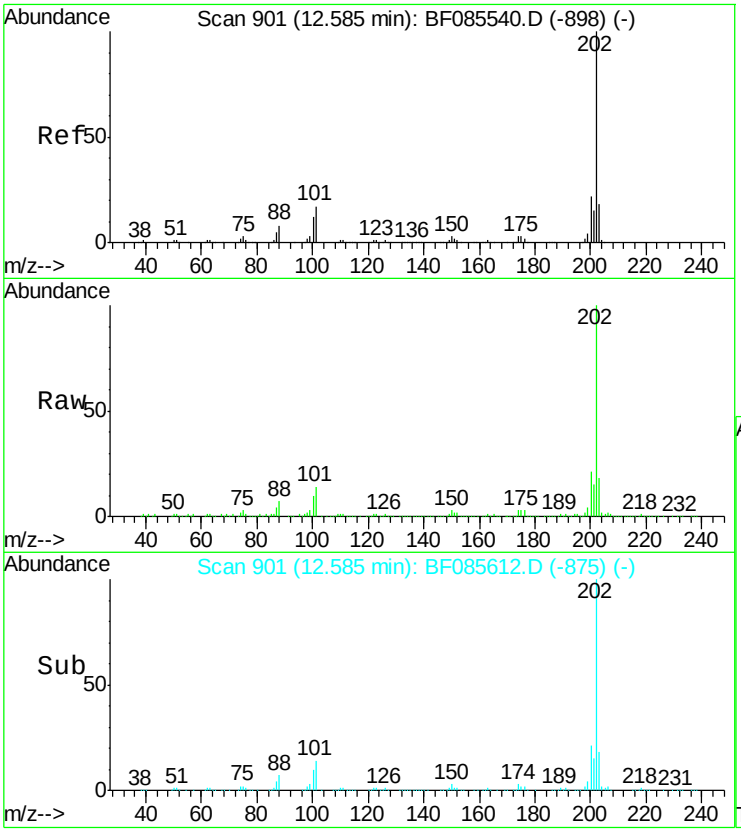


#71
Anthracene
Concen: 16.93 ng
RT: 11.45 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:178 Resp: 380266

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.4	13.0	19.4



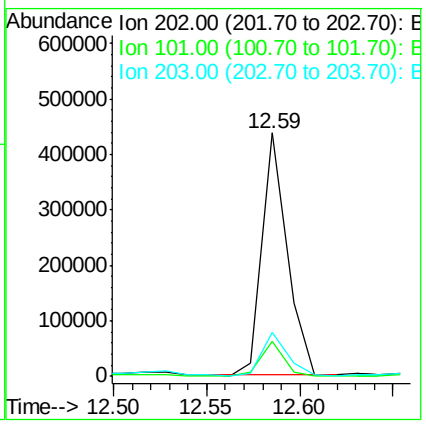


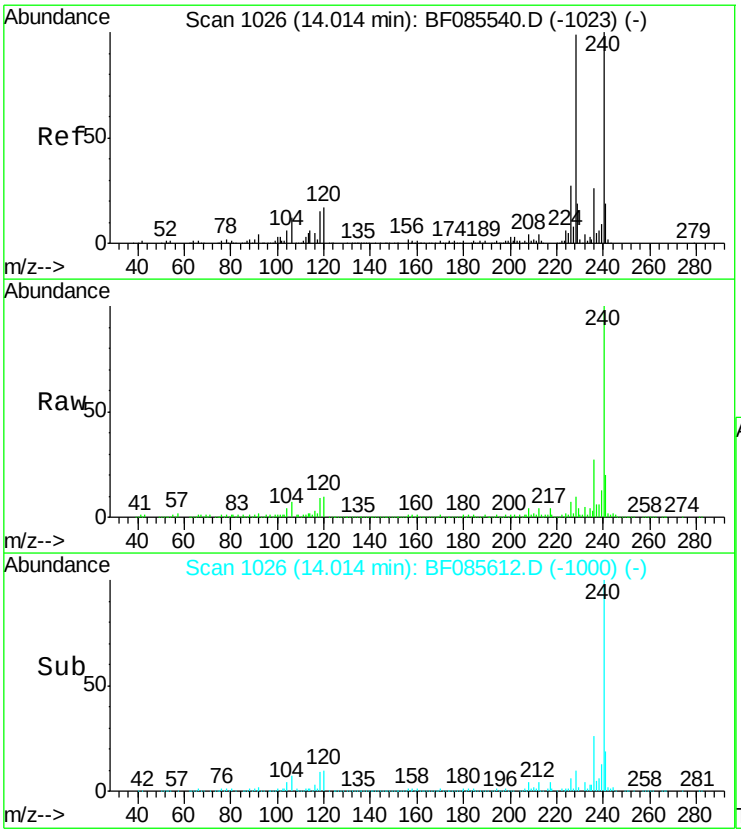
#74
Fluoranthene
Concen: 18.00 ng
RT: 12.59 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:202 Resp: 403709

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	36.6
203	18.1	0.0	38.1

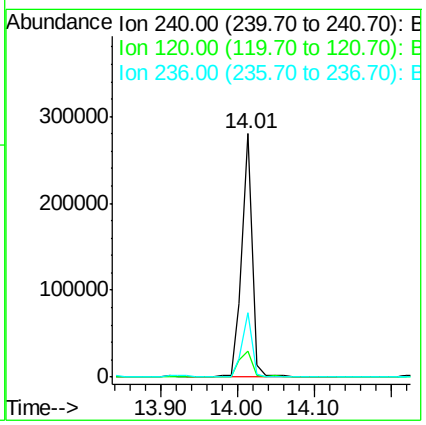


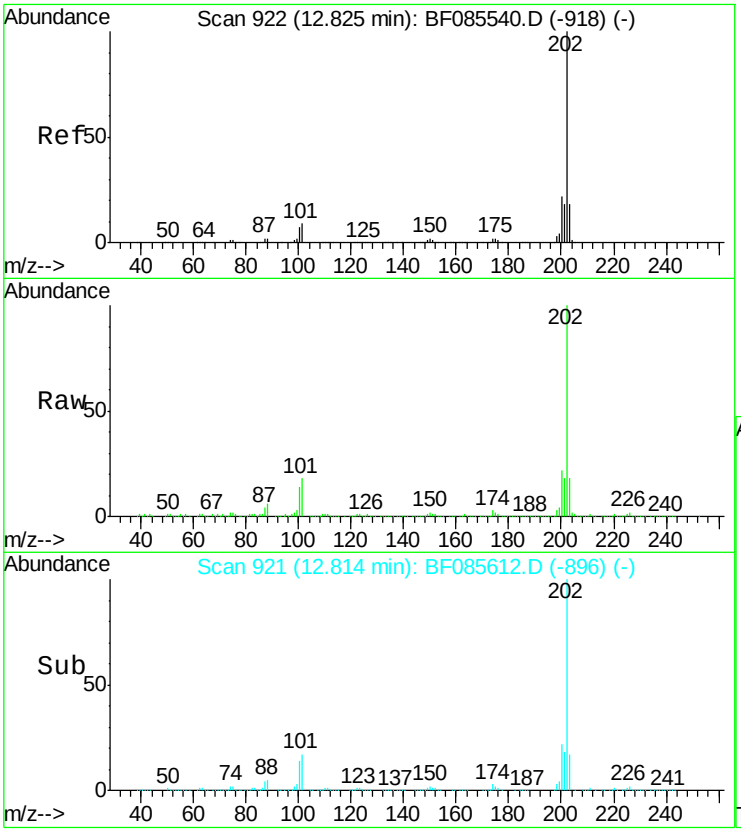


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:240 Resp: 264742

Ion	Ratio	Lower	Upper
240	100		
120	10.5	13.8	20.8#
236	26.7	20.6	30.8



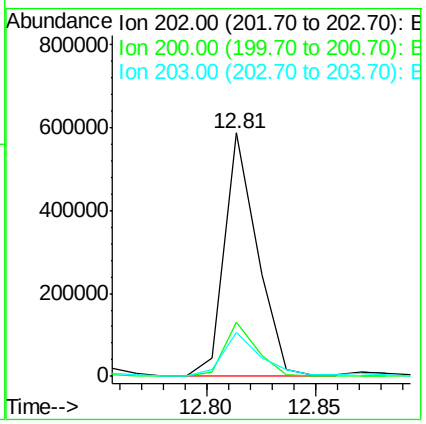


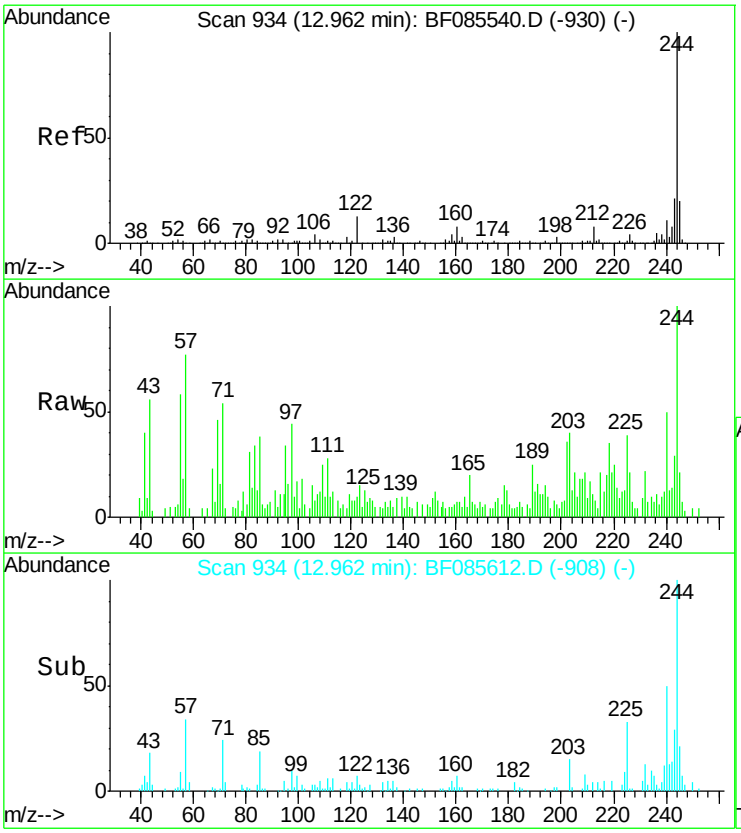
#77
Pyrene
Concen: 32.01 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:202 Resp: 608524

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0

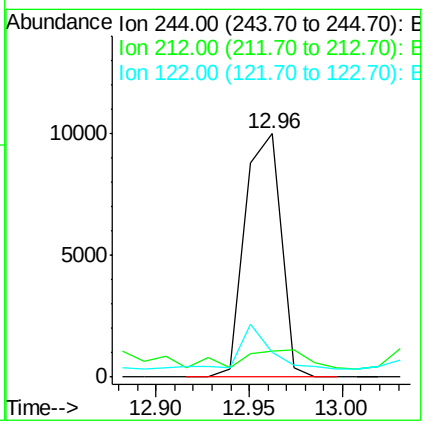


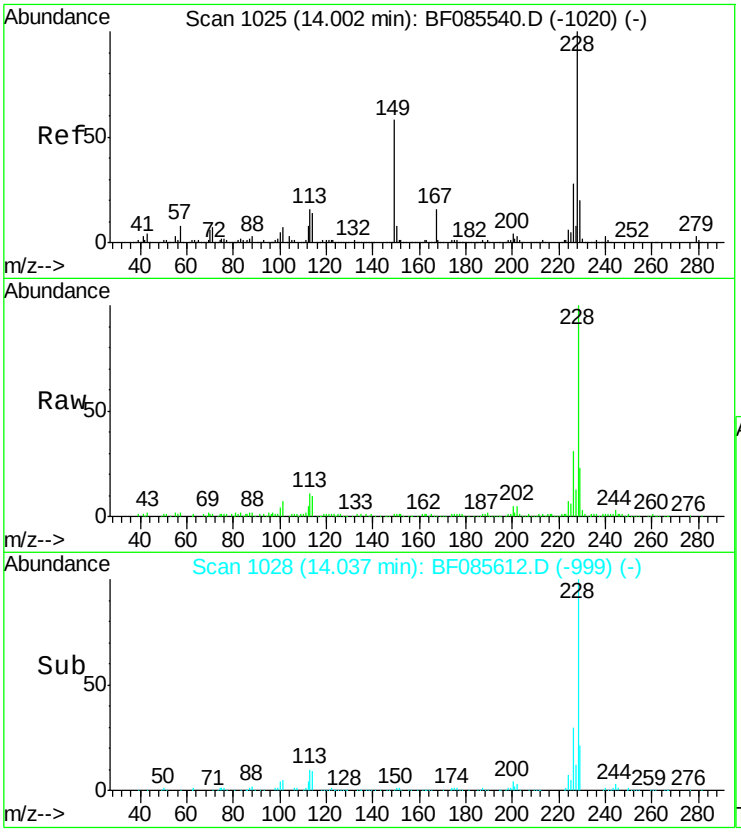


#78
Terphenyl-d14
Concen: 1.22 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:244 Resp: 13385

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.1	9.1#
122	10.1	10.2	15.4#



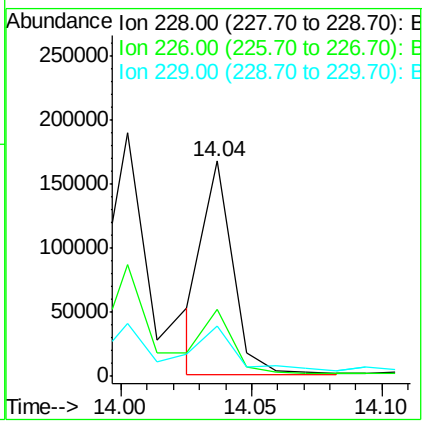


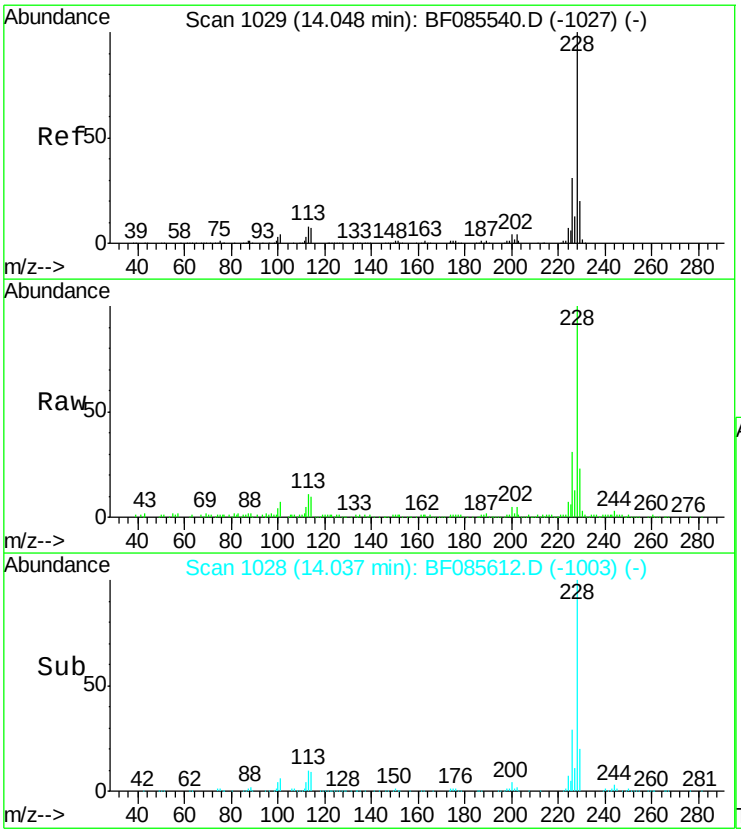
#80
Benzo(a)anthracene
Concen: 8.46 ng
RT: 14.04 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:228 Resp: 129995

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.1	33.1
229	23.2	16.2	24.4

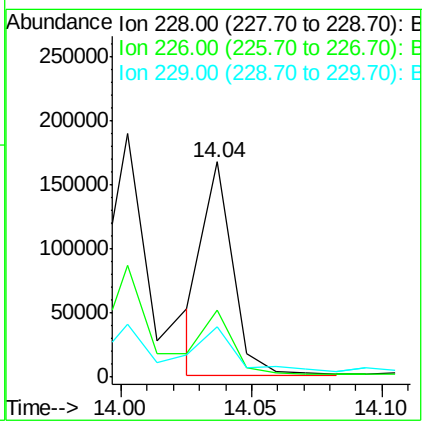


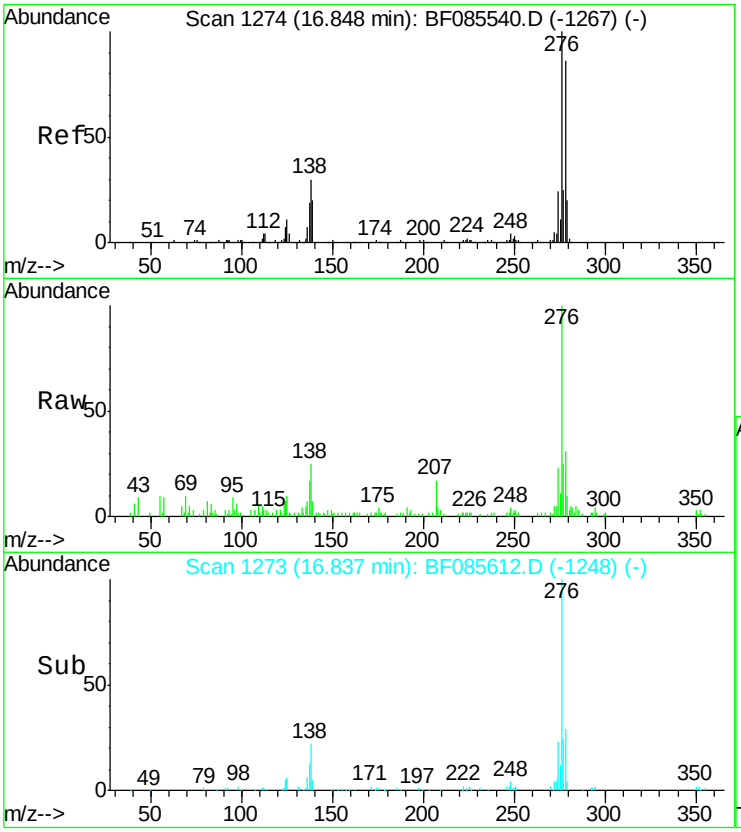


#82
Chrysene
Concen: 8.79 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:228 Resp: 129995

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.2	15.7	23.5



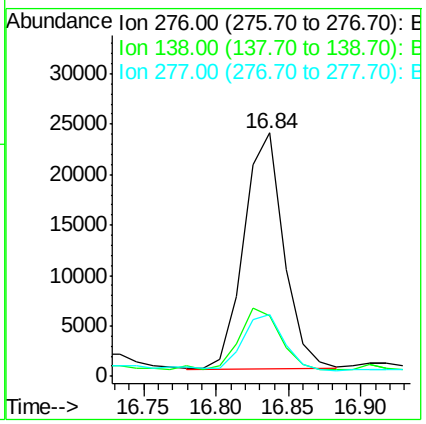


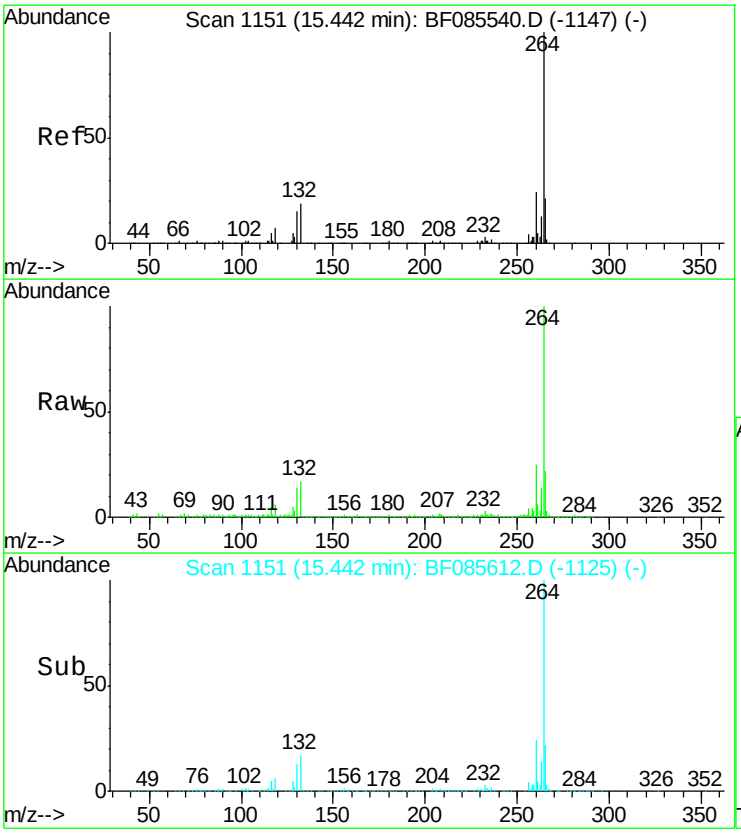
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.61 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:276 Resp: 44639

Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.2	36.4
277	24.2	20.0	30.0

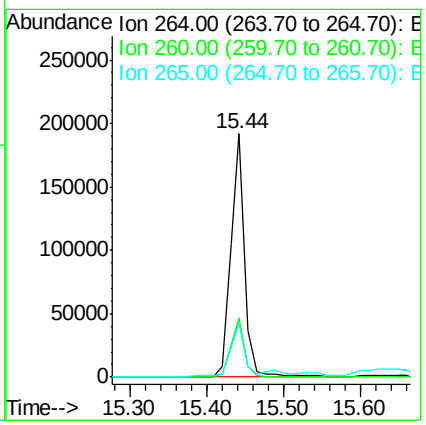


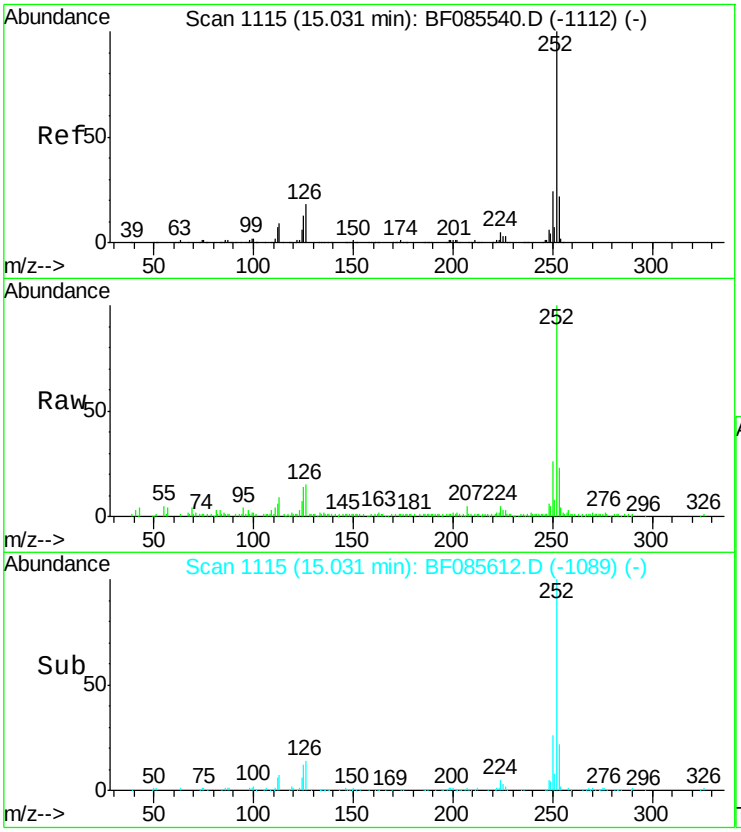


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:264 Resp: 246165

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.3	17.2	25.8



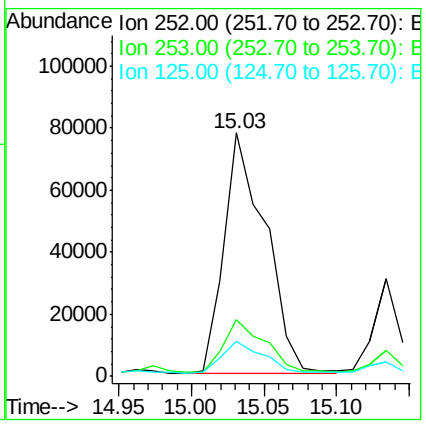


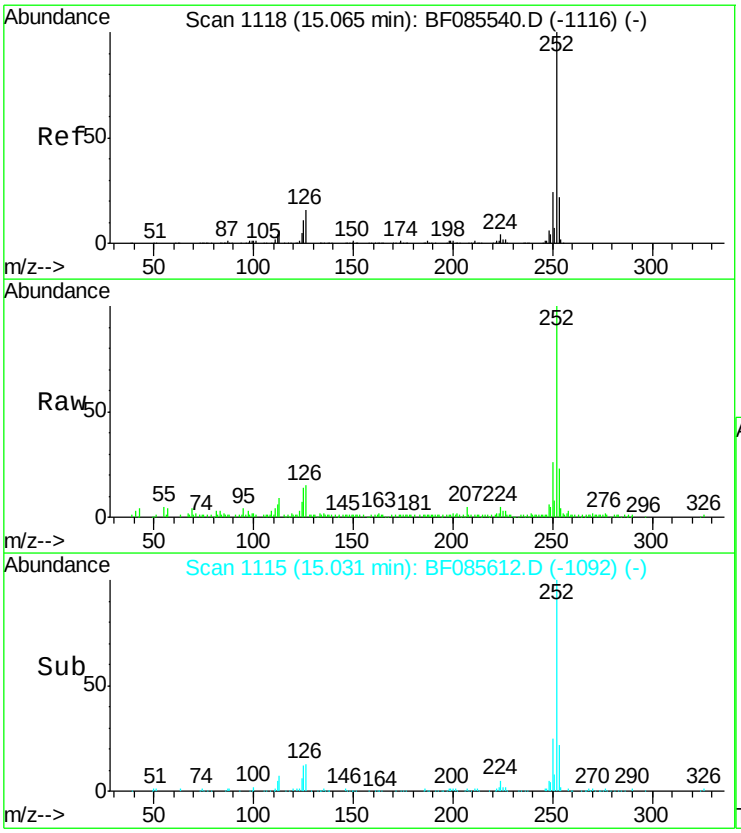
#87
Benzo(b)fluoranthene
Concen: 9.57 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:252 Resp: 153686

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	14.1	10.3	15.5

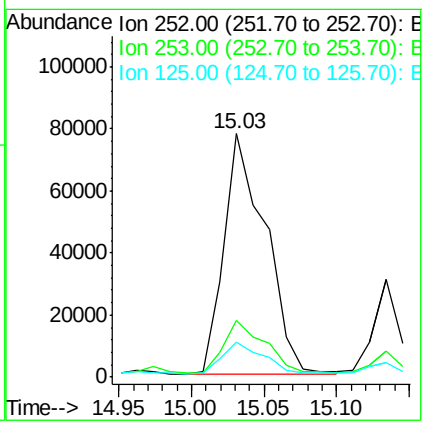


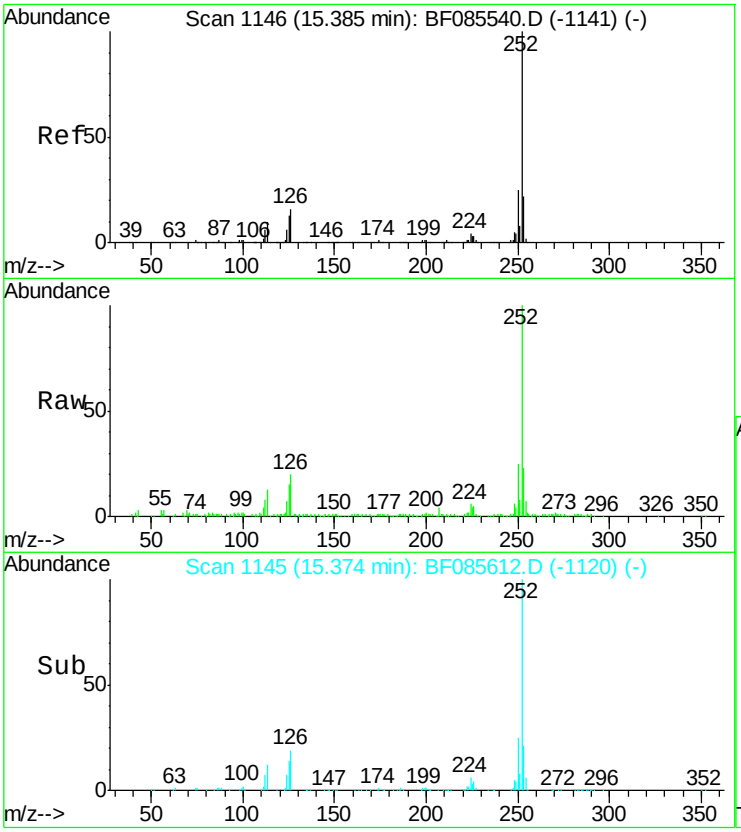


#88
Benzo(k)fluoranthene
Concen: 11.61 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:252 Resp: 153686

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	14.1	7.7	11.5#



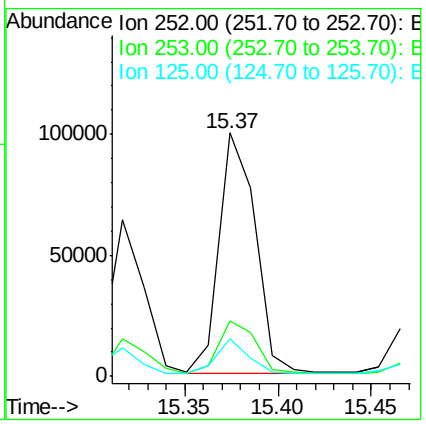


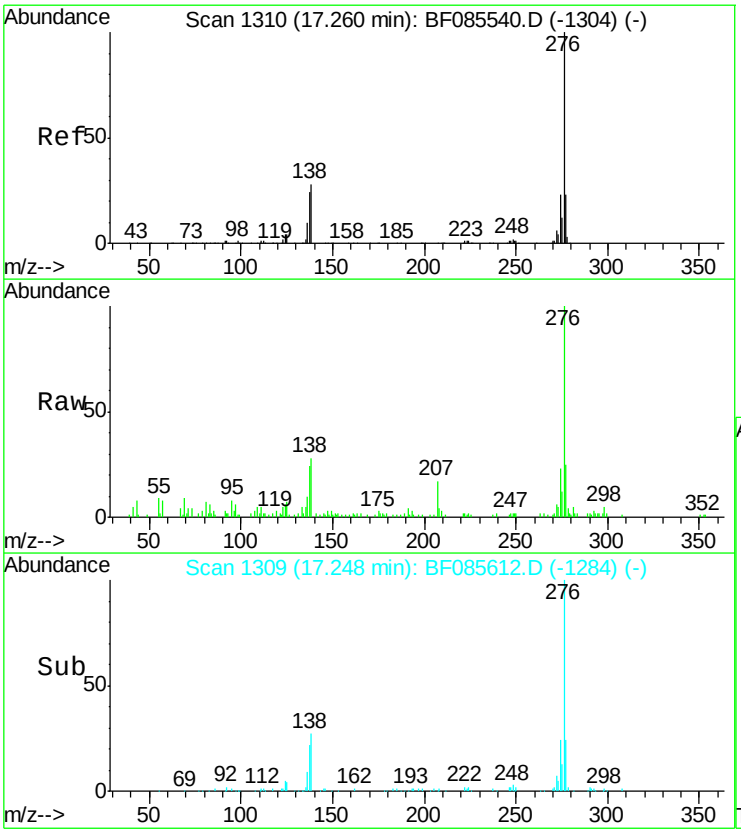
#89
Benzo(a)pyrene
Concen: 9.99 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)DL

Tgt Ion:252 Resp: 136031

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	15.2	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 5.00 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085612.D
Acq: 20 Mar 2016 11:44

Tgt Ion:276 Resp: 54945

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	28.4	22.6	34.0