Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088798.D
Acq On : 8 Jul 2016 00:34
Operator : UM/SJ
Sample : H3889-09 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9

Quant Time: Jul 08 01:45:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88443	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	311472	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	136660	20.00	ng		-0.03
63) Phenanthrene-d10	11.27	188	203692	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	140136	20.00	ng		0.00
86) Perylene-d12	15.30	264	170703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	23981	4.06	ng		-0.05
7) Phenol-d6	6.36	99	34949	4.58	ng		-0.05
23) Nitrobenzene-d5	7.30	82	19034	3.20	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	4614	3.64	ng		-0.05
44) 2-Fluorobiphenyl	9.11	172	35590	4.11	ng		-0.03
78) Terphenyl-d14	12.85	244	27490	4.37	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.04	128	249314	16.24	ng		98
33) 4-Chloroaniline	8.04	127	32055	4.69	ng	#	32
37) 2-Methylnaphthalene	8.74	142	87272	8.83	ng		97
45) 1,1'-Biphenyl	9.20	154	33420	2.95	ng		99
50) 2,6-Dinitrotoluene	9.78	165	21991	10.19	ng	#	40
51) Acenaphthene	9.82	154	612251	70.66	ng		98
54) Dibenzofuran	9.99	168	420217	37.05	ng		95
55) 4-Nitrophenol	9.82	139	5340	2.56	ng	#	49
56) 2,4-Dinitrotoluene	9.94	165	7552	2.68	ng	#	55
57) Fluorene	10.33	166	533833	61.08	ng		98
61) 4-Nitroaniline	10.33	138	6361	2.41	ng	#	22
70) Phenanthrene	11.31	178	4161045	373.70	ng		98
71) Anthracene	11.35	178	872481	78.80	ng		100
72) Carbazole	11.50	167	756943	72.64	ng		99
74) Fluoranthene	12.50	202	4989867	442.05	ng		97
77) Pyrene	12.50	202	5015135	422.08	ng		97
80) Benzo(a)anthracene	13.91	228	3130205	346.89	ng		95
82) Chrysene	13.95	228	1781299	199.53	ng		96
83) Bis(2-ethylhexyl)phthalate	13.90	149	14039	2.32	ng	#	74
85) Indeno(1,2,3-cd)pyrene	16.66	276	1165480	169.68	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	3851525	359.68	ng	#	94
88) Benzo(k)fluoranthene	14.94	252	3851525	413.16	ng		96
89) Benzo(a)pyrene	15.27	252	1713560	189.00	ng		94
90) Dibenzo(a,h)anthracene	16.66	278	403379	53.28	ng		94
91) Benzo(g,h,i)perylene	17.06	276	983659	125.56	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088798.D
Acq On : 8 Jul 2016 00:34
Operator : UM/SJ
Sample : H3889-09 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-9

Quant Time: Jul 08 01:45:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
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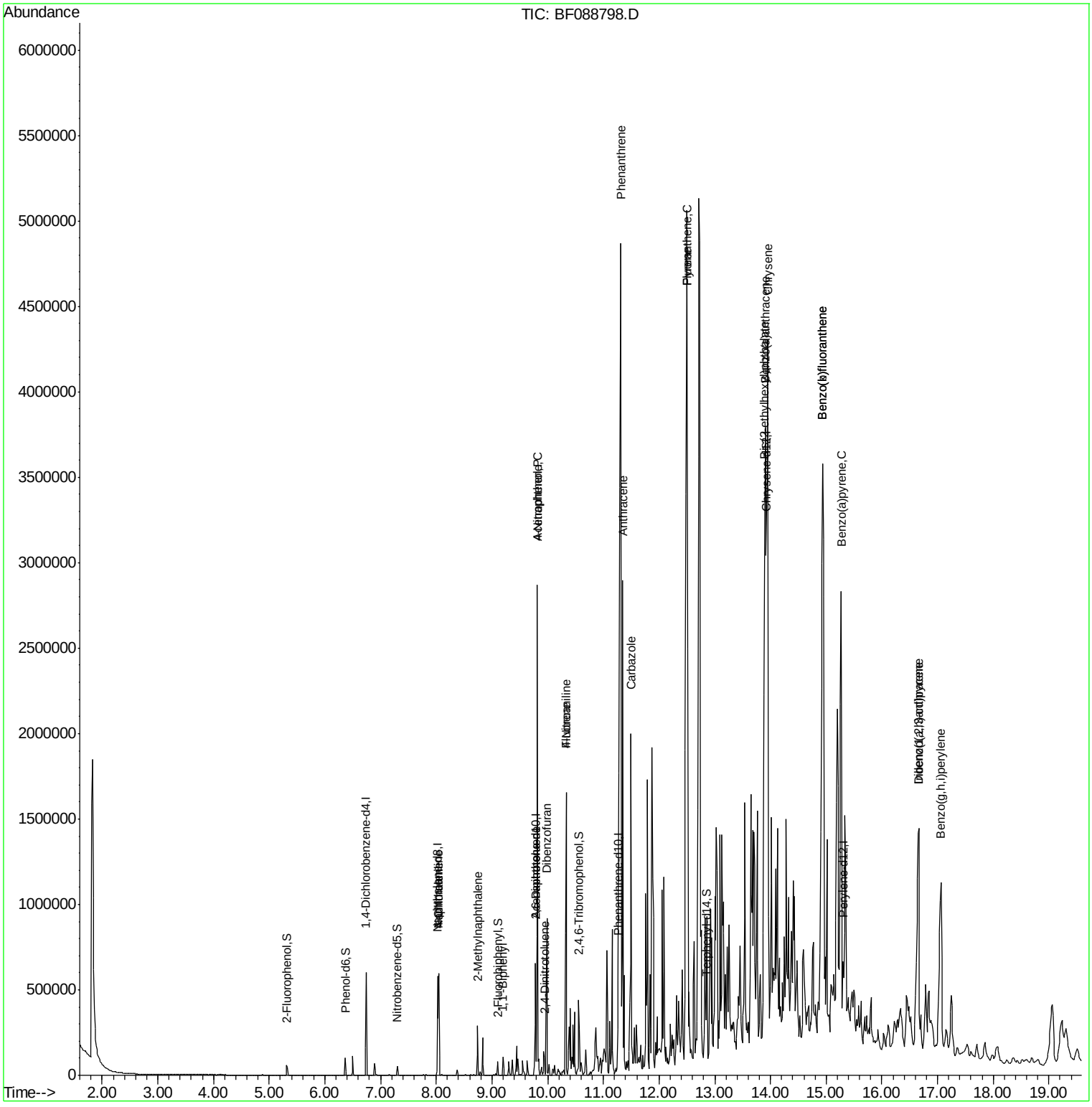
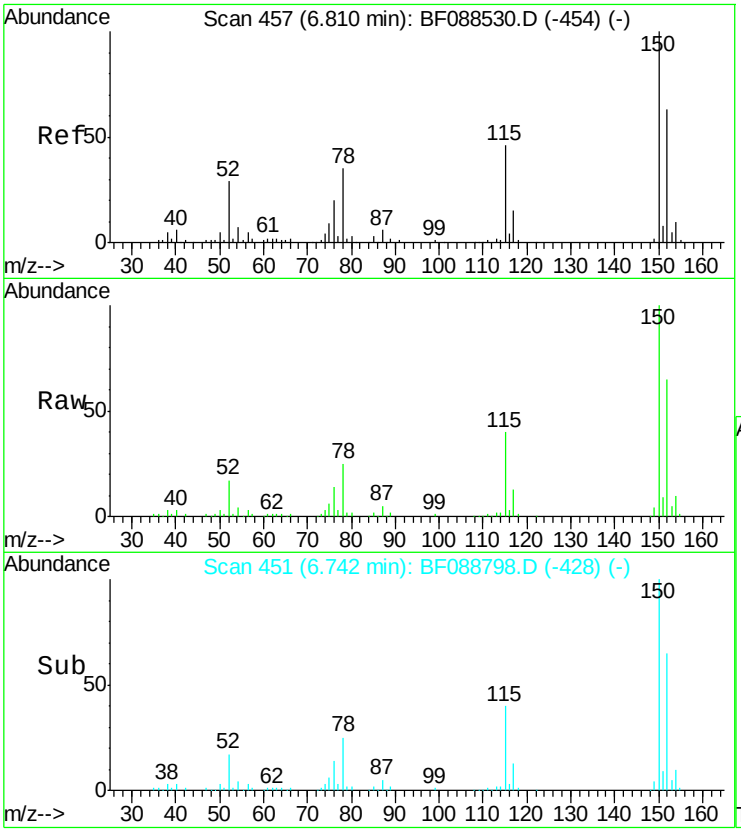


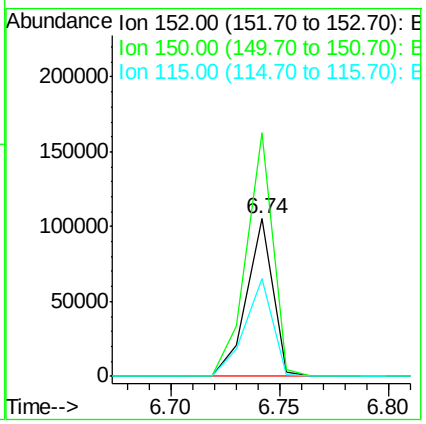


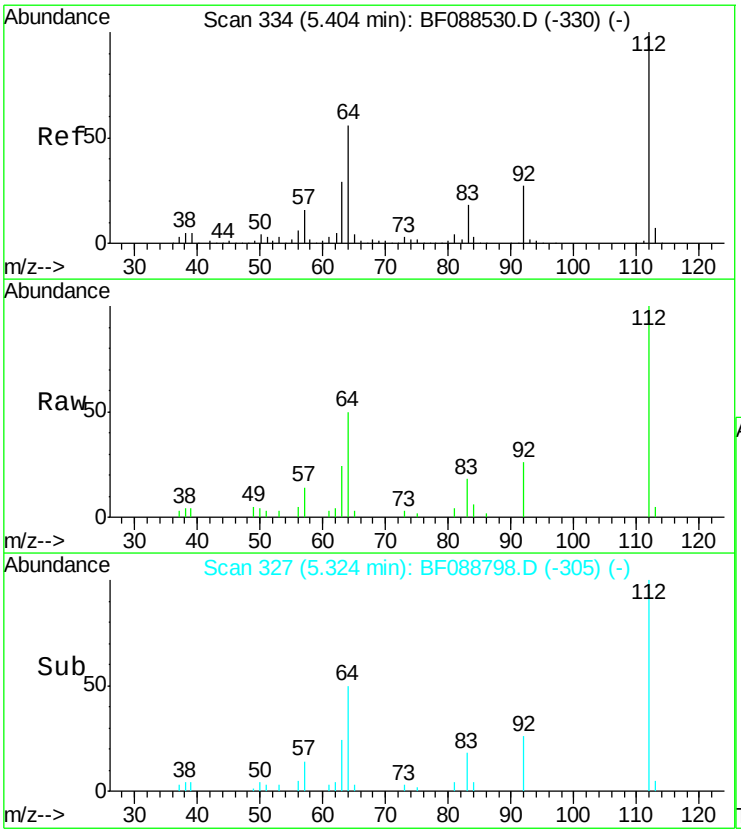
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:152 Resp: 88443

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	62.2	39.6	59.4#

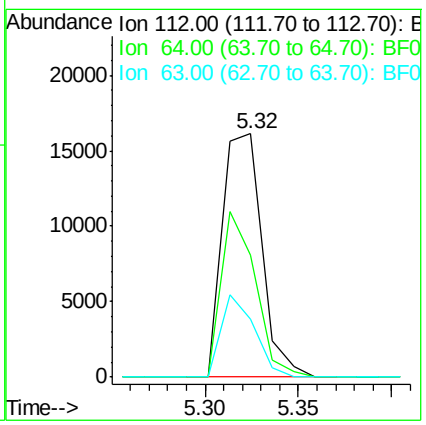


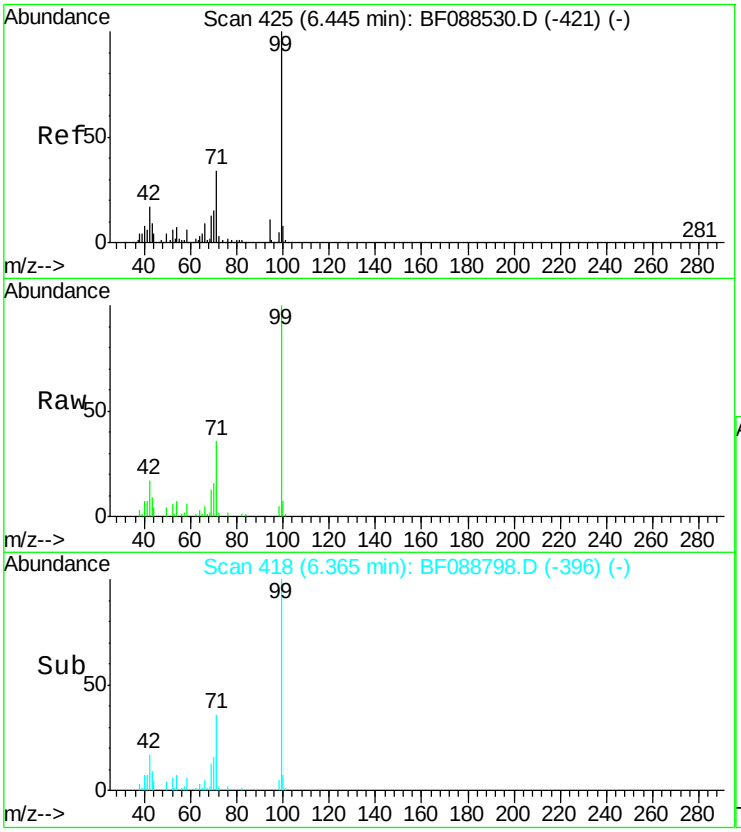


#5
2-Fluorophenol
Concen: 4.06 ng
RT: 5.32 min Scan# 327
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:112 Resp: 23981

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.2	63.2
63	24.1	21.8	32.8



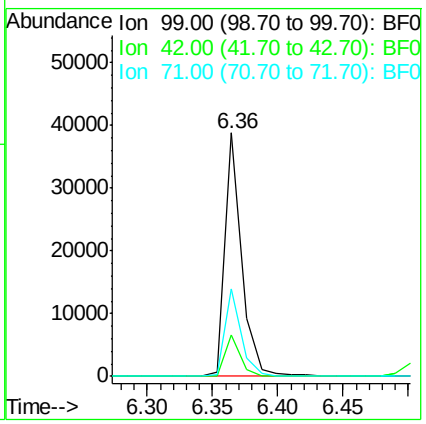


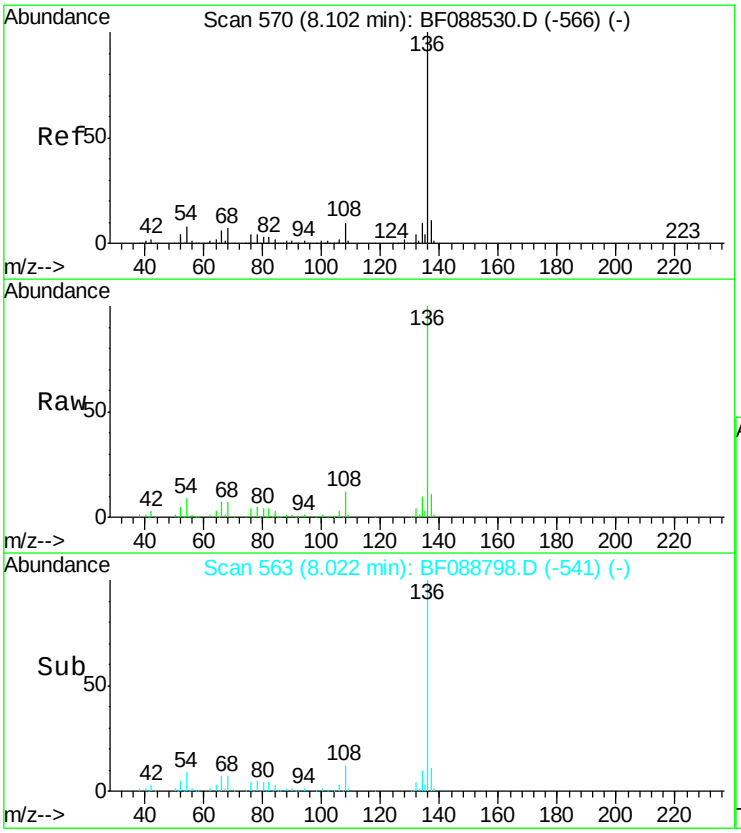
#7
Phenol-d6
Concen: 4.58 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion: 99 Resp: 34949

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.2	18.2
71	35.8	23.4	35.0#

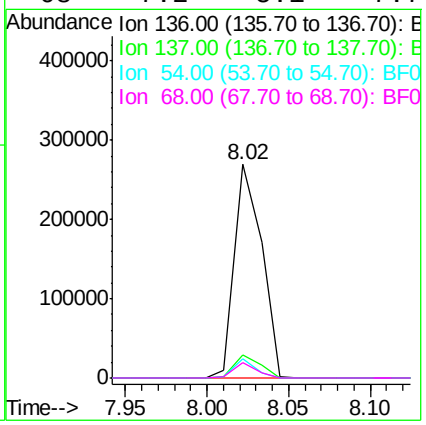


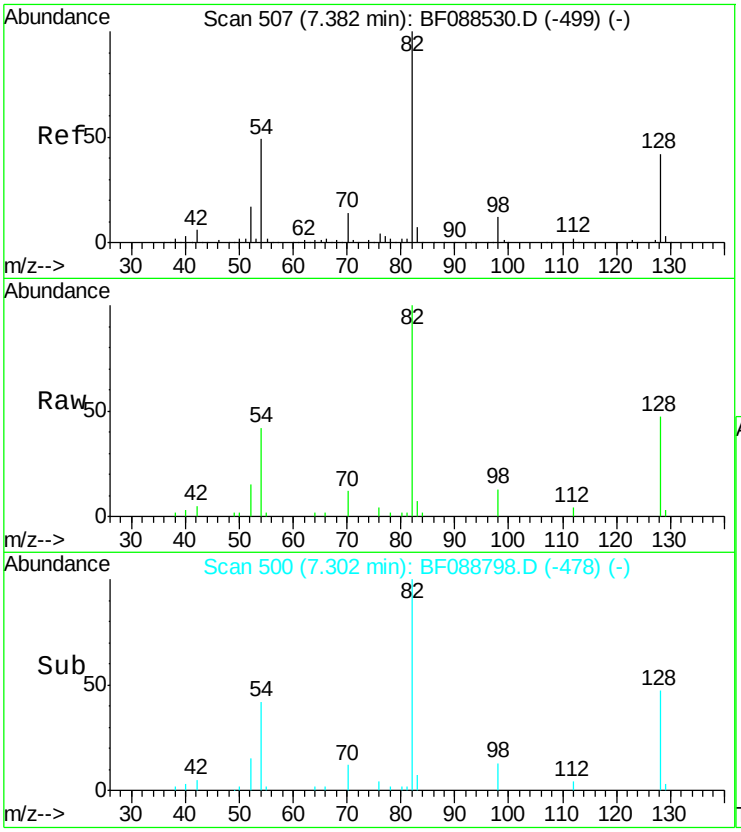


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:136 Resp: 311472

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	6.6	10.0
68	7.2	5.1	7.7



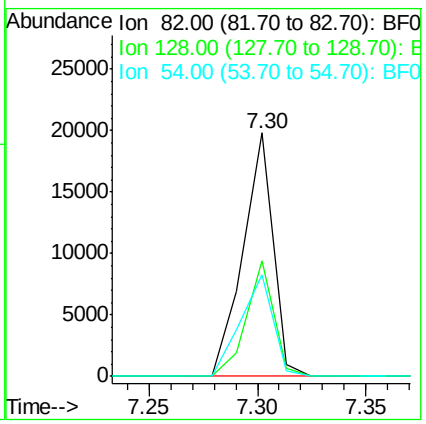


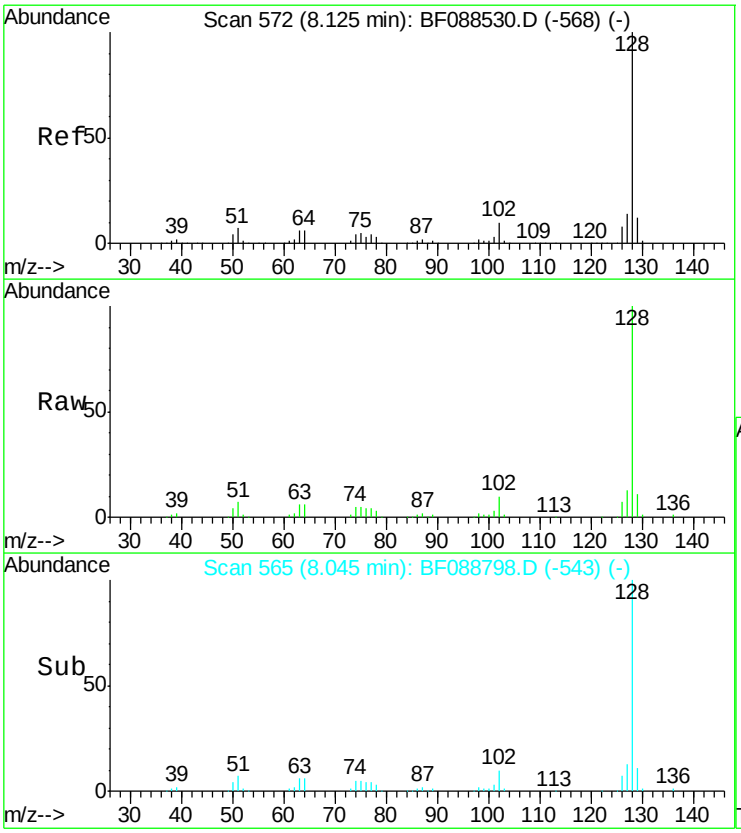
#23
Nitrobenzene-d5
Concen: 3.20 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion: 82 Resp: 19034

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.9	53.9
54	41.8	40.9	61.3

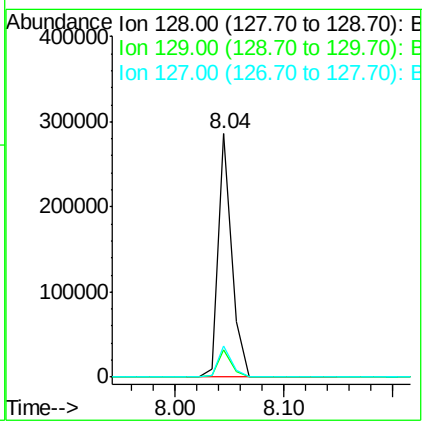


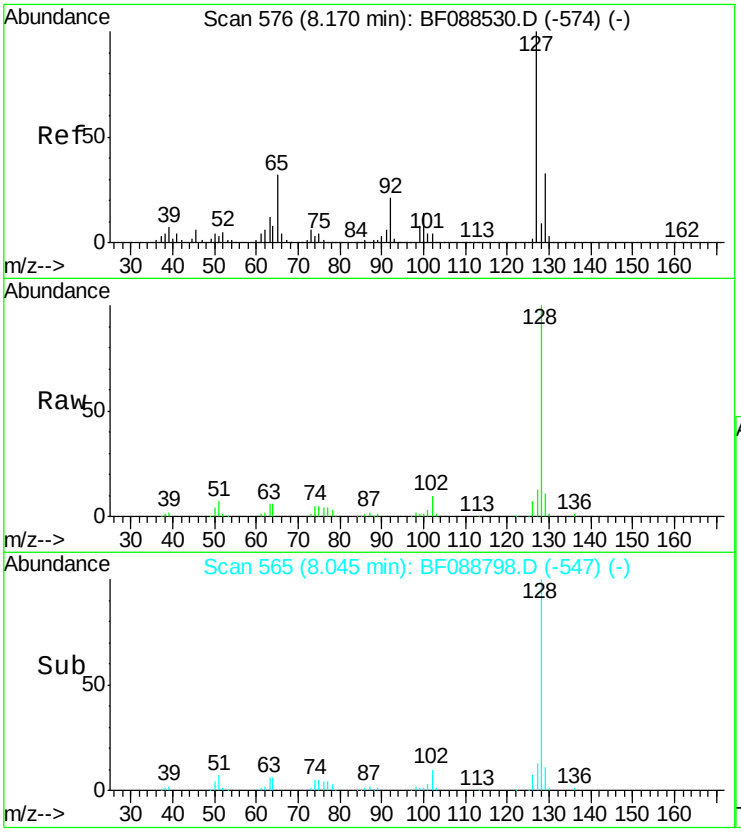


#31
Naphthalene
Concen: 16.24 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:128 Resp: 249314

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.0	10.9	16.3



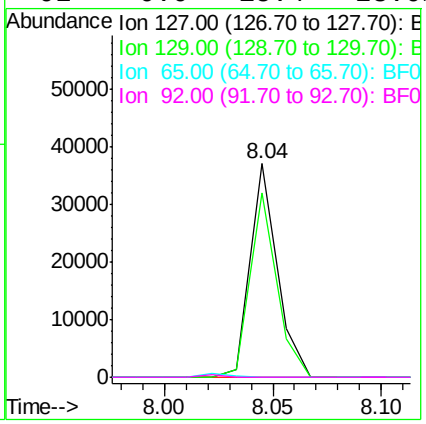


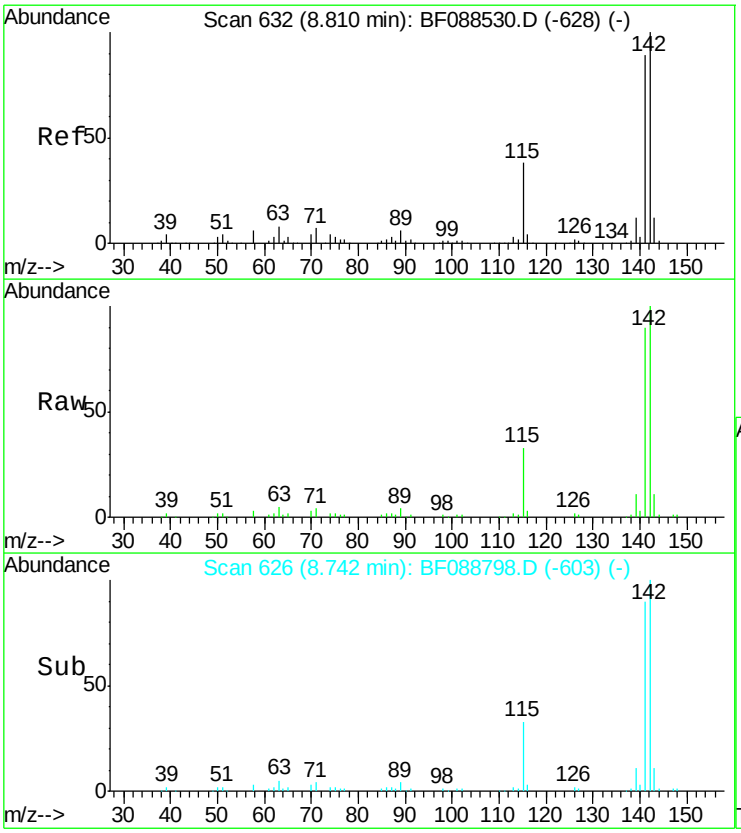
#33
4-Chloroaniline
Concen: 4.69 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.09 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:127 Resp: 32055

Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

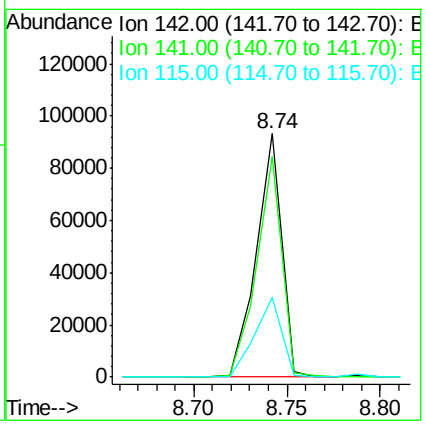


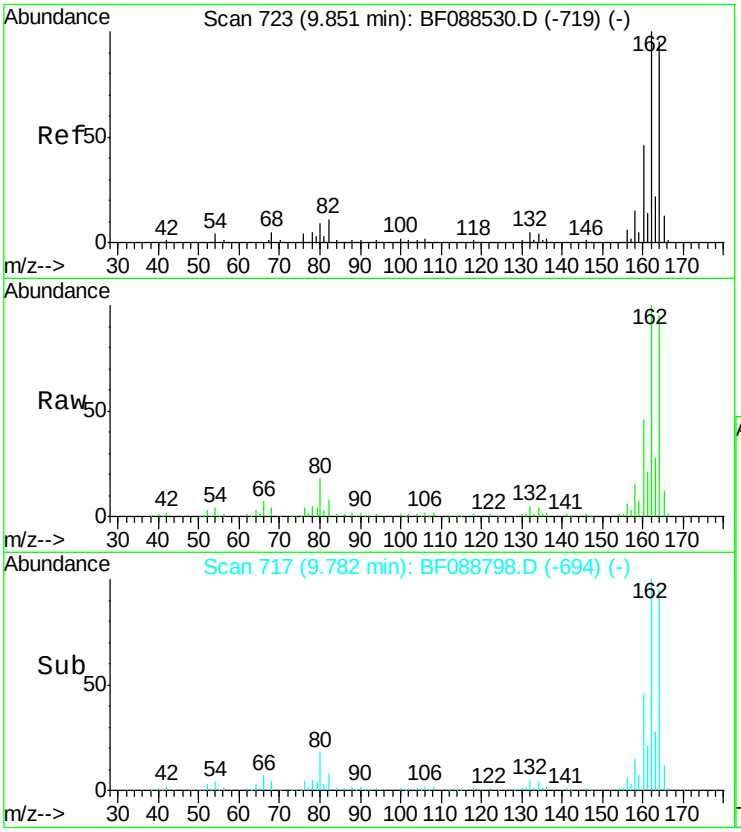


#37
2-Methylnaphthalene
Concen: 8.83 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:142 Resp: 87272

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	32.9	22.6	33.8



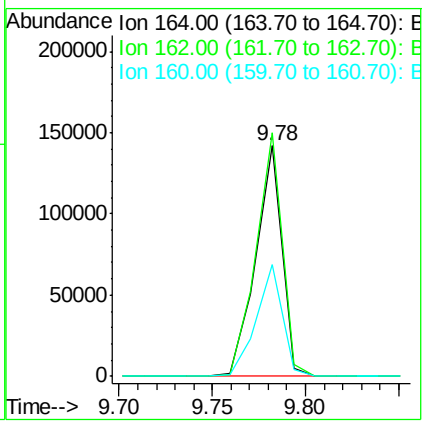


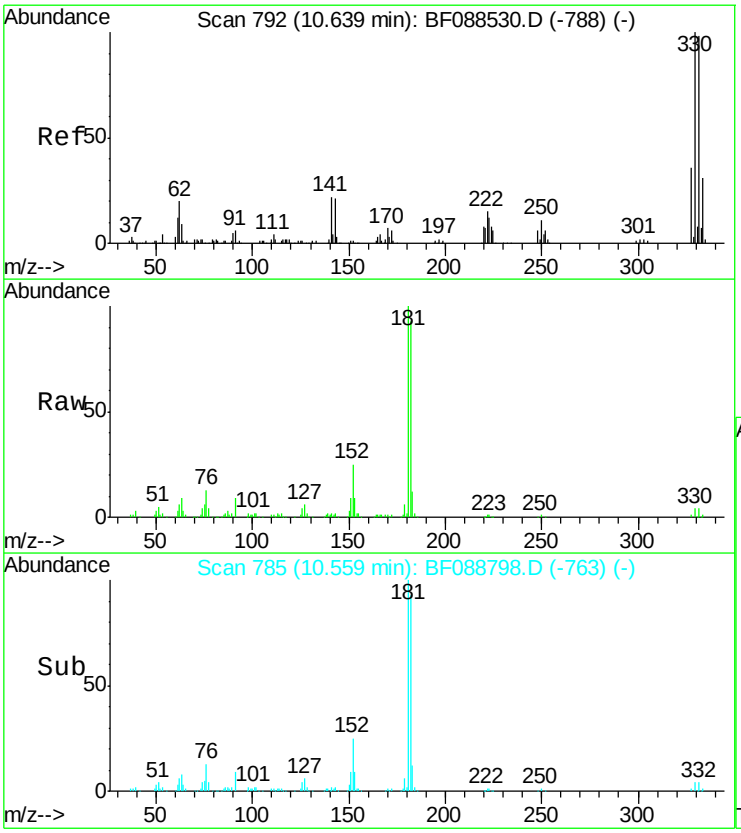
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:164 Resp: 136660

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	48.5	39.5	59.3

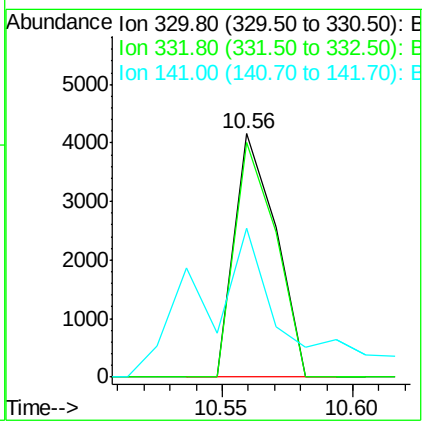


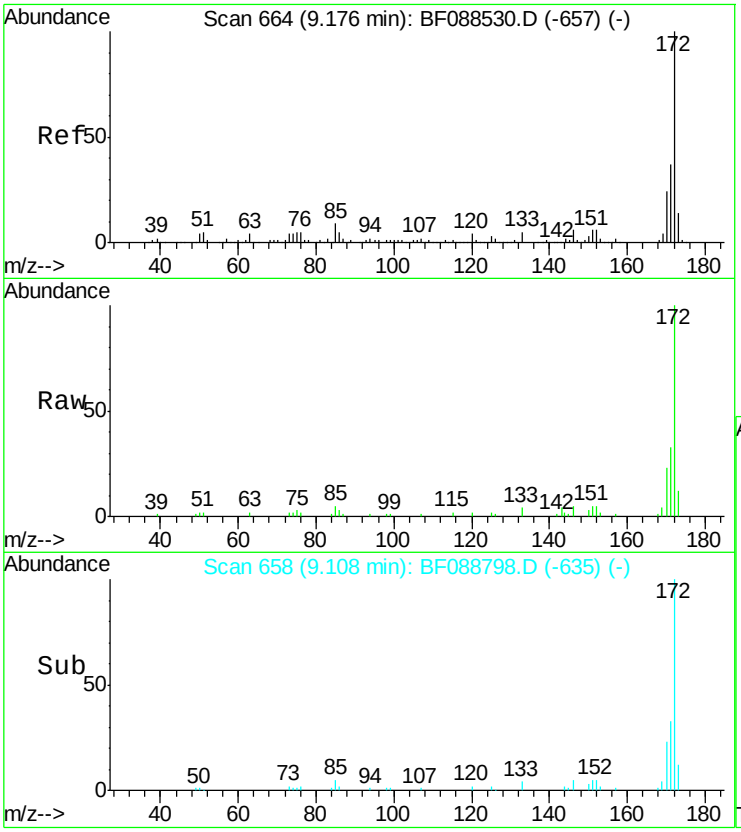


#41
2,4,6-Tribromophenol
Concen: 3.64 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:330 Resp: 4614

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	125.1	0.0	0.0#



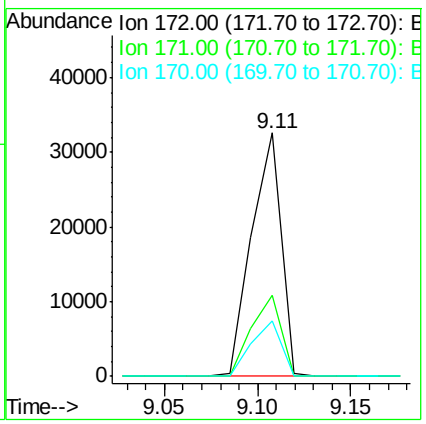


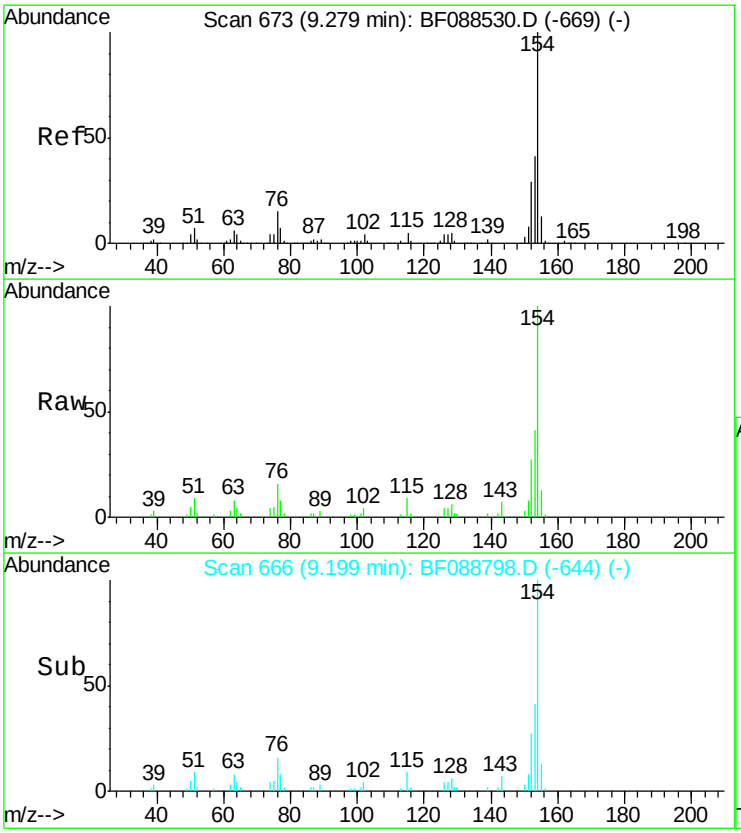
#44
2-Fluorobiphenyl
Concen: 4.11 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:172 Resp: 35590

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.6	43.0
170	22.8	19.2	28.8

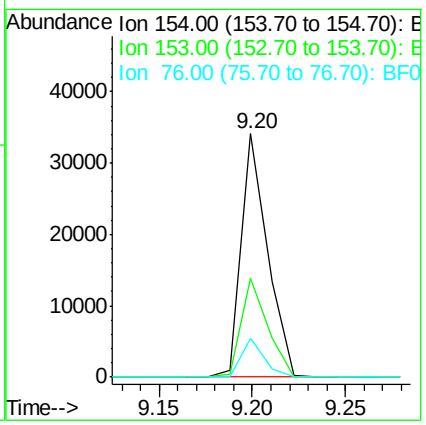


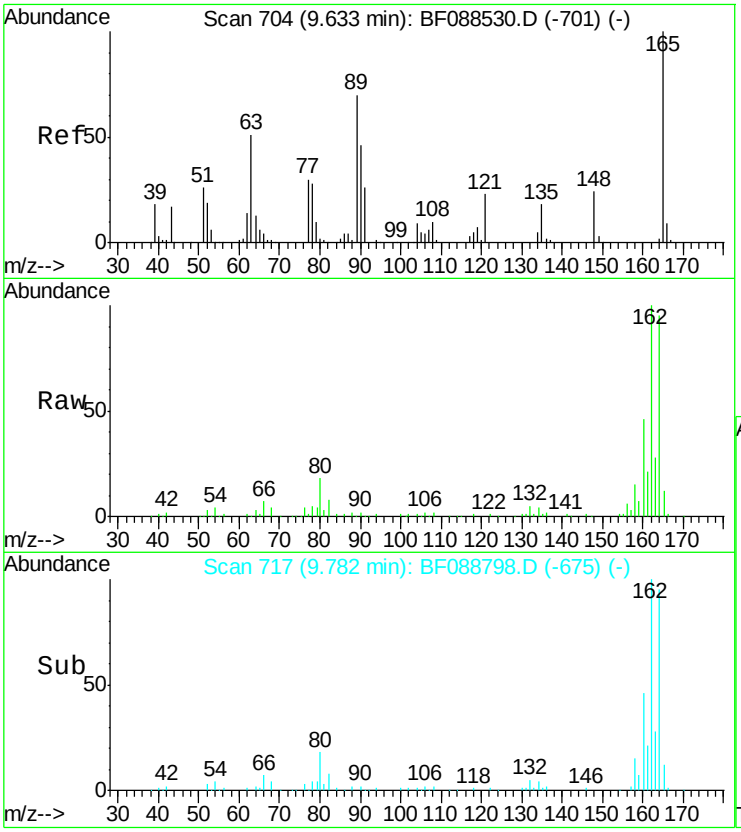


#45
1,1'-Biphenyl
Concen: 2.95 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:154 Resp: 33420

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	16.0	0.0	35.1



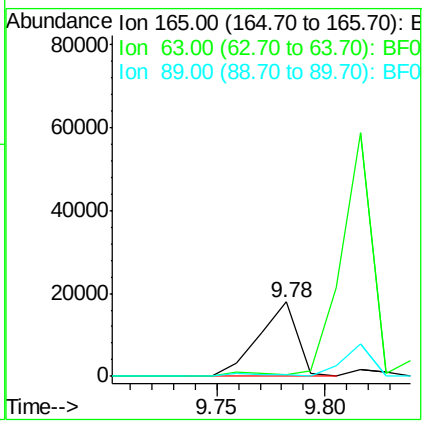


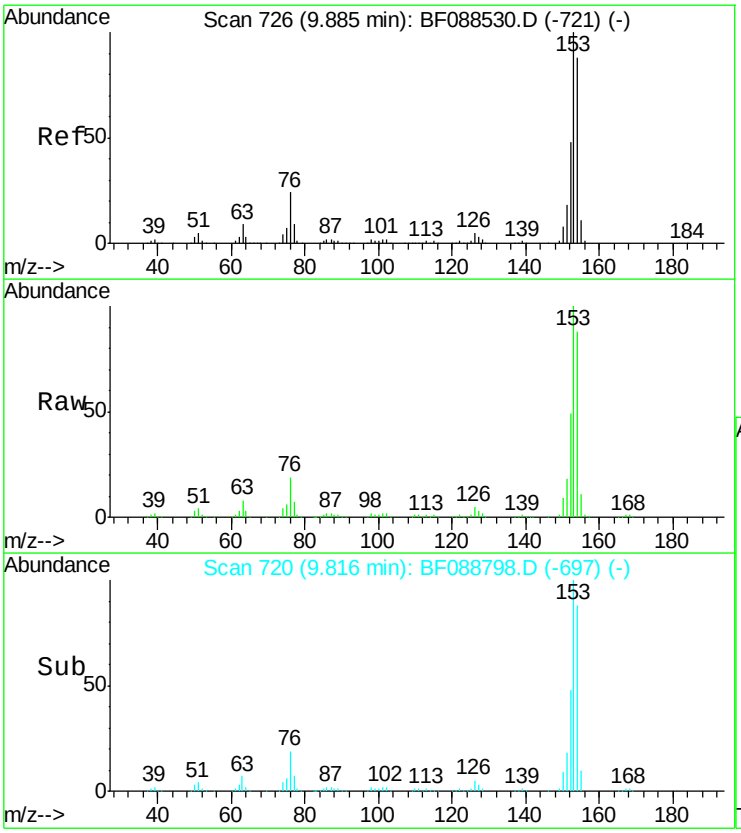
#50
2,6-Dinitrotoluene
Concen: 10.19 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.18 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:165 Resp: 21991

Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.1	42.1#
89	1.8	32.2	48.2#

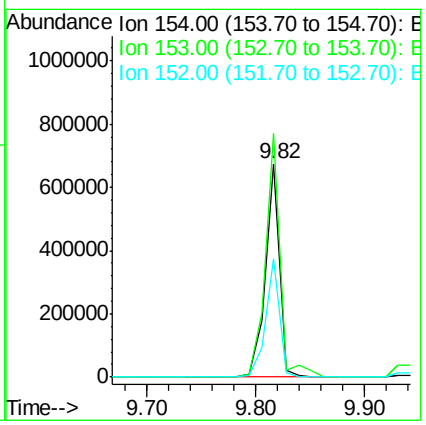


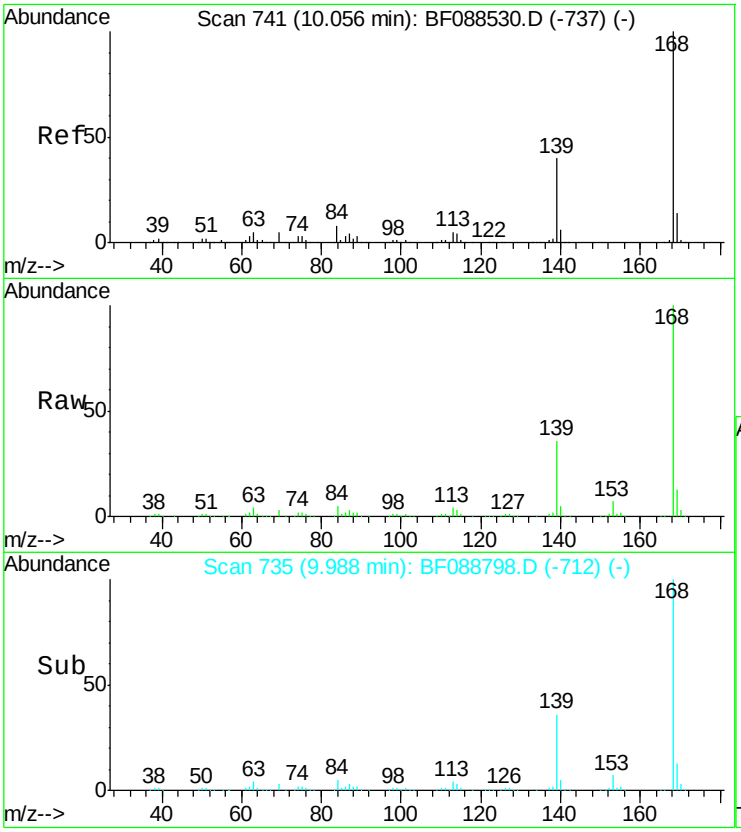


#51
Acenaphthene
Concen: 70.66 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:154 Resp: 612251

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	55.4	42.7	64.1



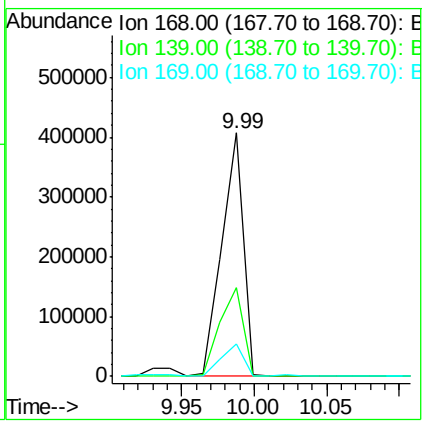


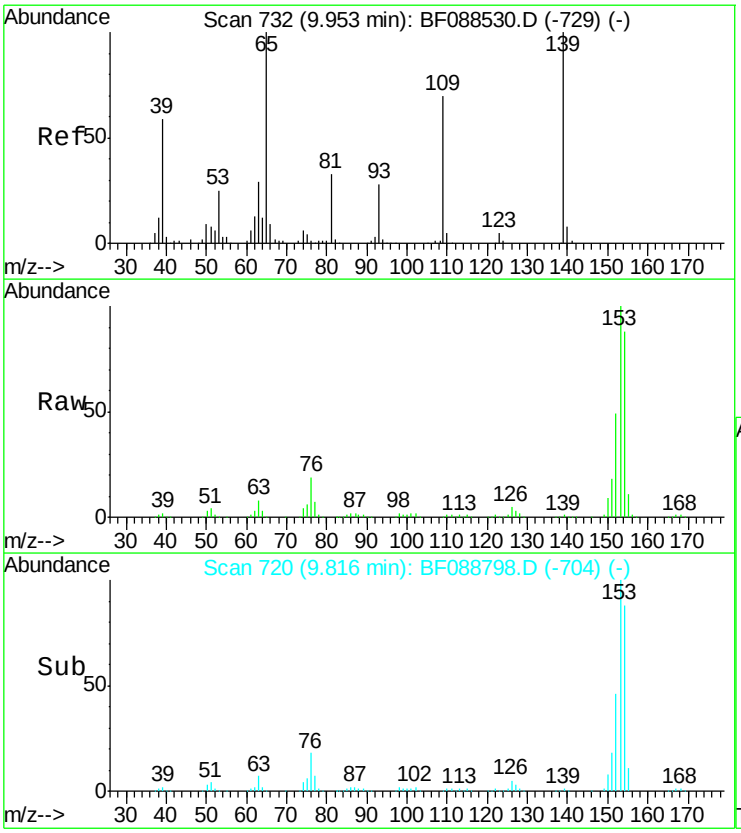
#54
Dibenzofuran
Concen: 37.05 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:168 Resp: 420217

Ion	Ratio	Lower	Upper
168	100		
139	36.4	26.4	39.6
169	13.3	10.4	15.6

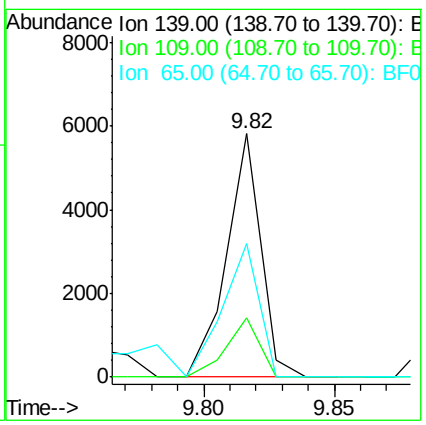


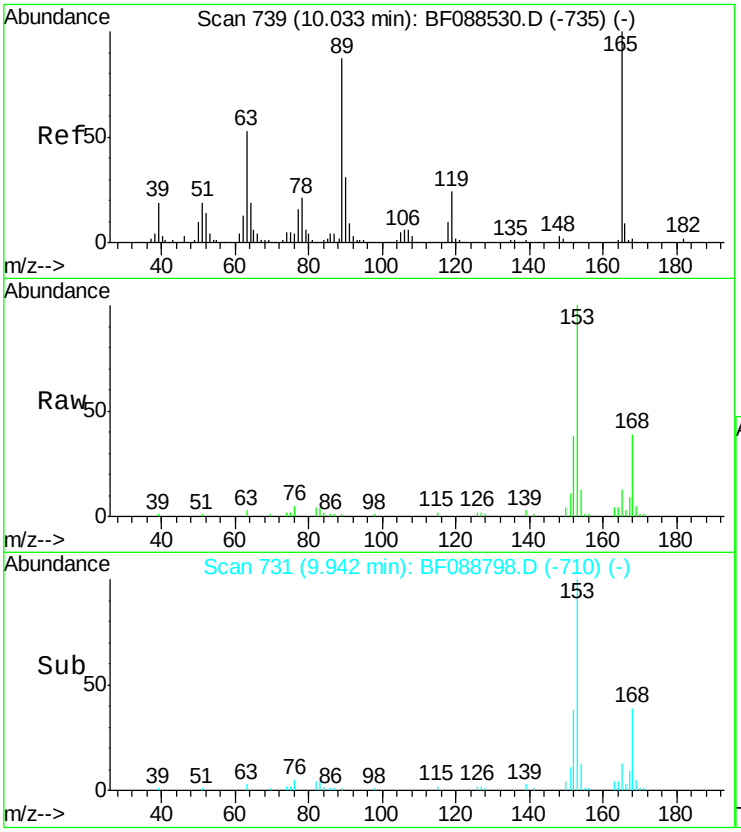


#55
4-Nitrophenol
Concen: 2.56 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.11 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:139 Resp: 5340

Ion	Ratio	Lower	Upper
139	100		
109	24.1	48.9	88.9#
65	55.0	84.9	124.9#



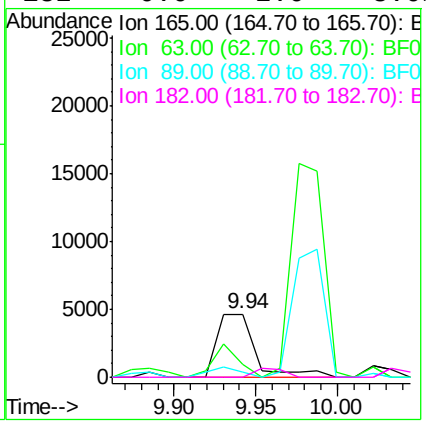


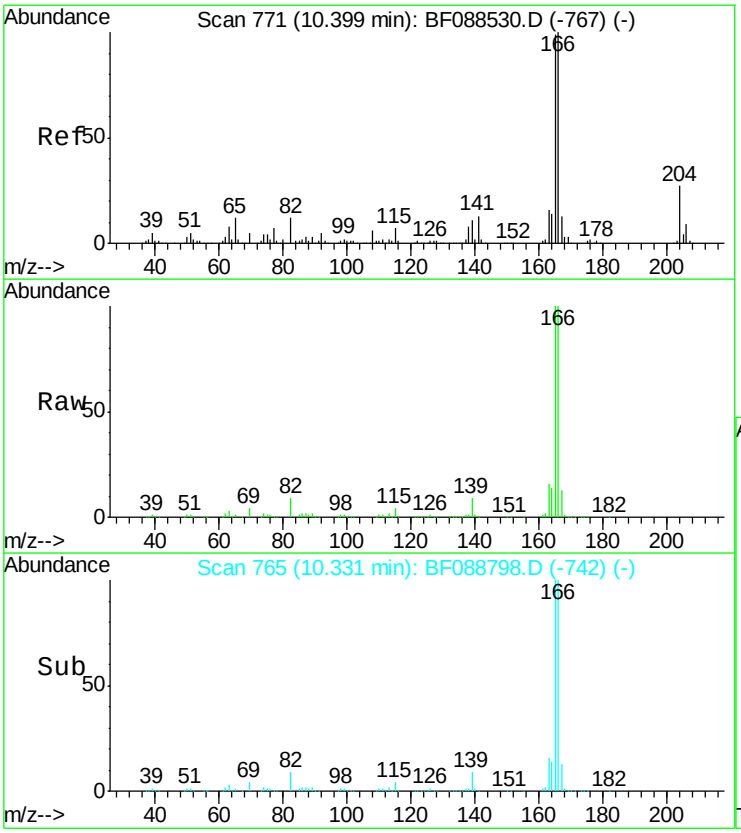
#56
2,4-Dinitrotoluene
Concen: 2.68 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:165 Resp: 7552

Ion	Ratio	Lower	Upper
165	100		
63	20.2	22.0	33.0#
89	7.4	41.1	61.7#
182	0.0	2.0	3.0#

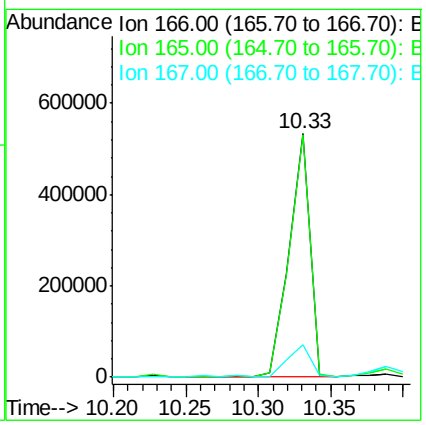


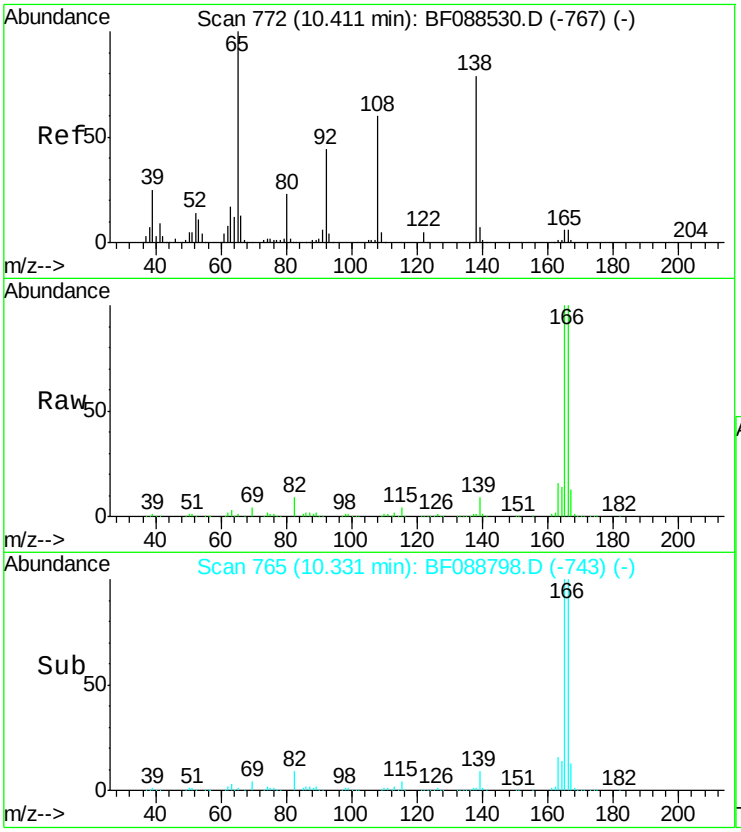


#57
Fluorene
Concen: 61.08 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:166 Resp: 533833

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.3	11.2	16.8



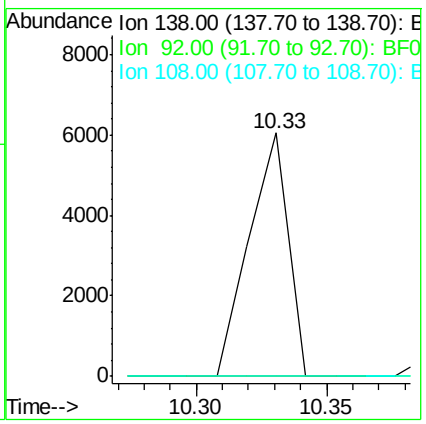


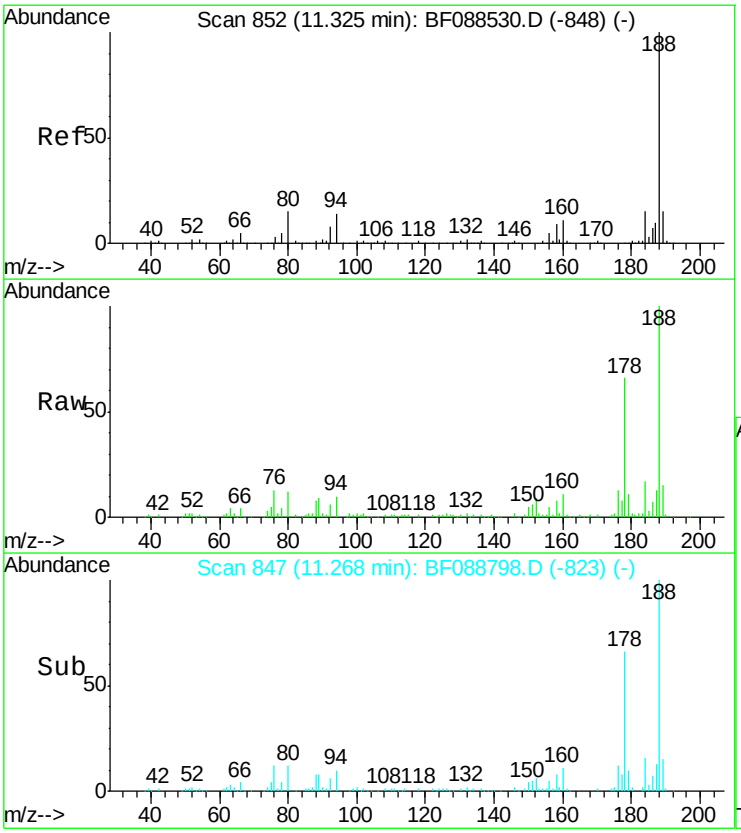
#61
4-Nitroaniline
Concen: 2.41 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:138 Resp: 6361

Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.3	67.3#
108	0.0	46.7	86.7#

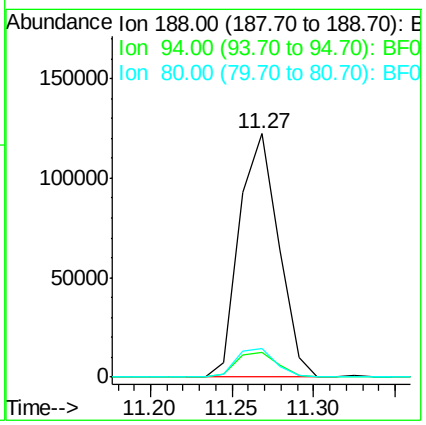


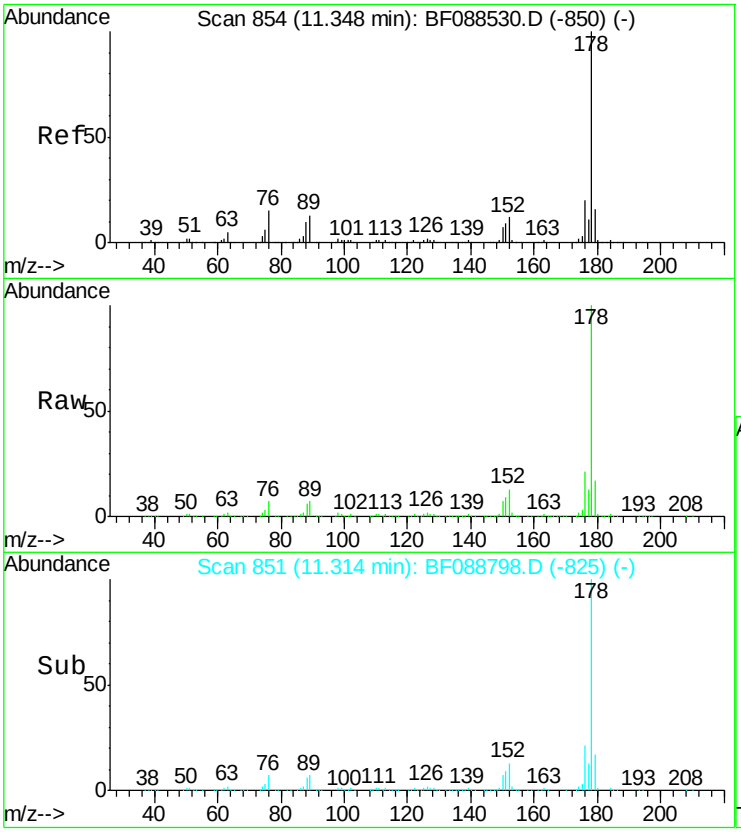


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:188 Resp: 203692

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	11.6	10.0	15.0



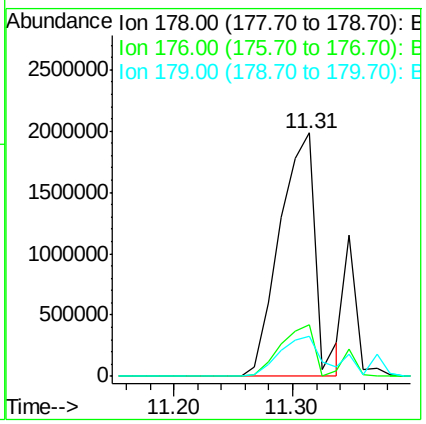


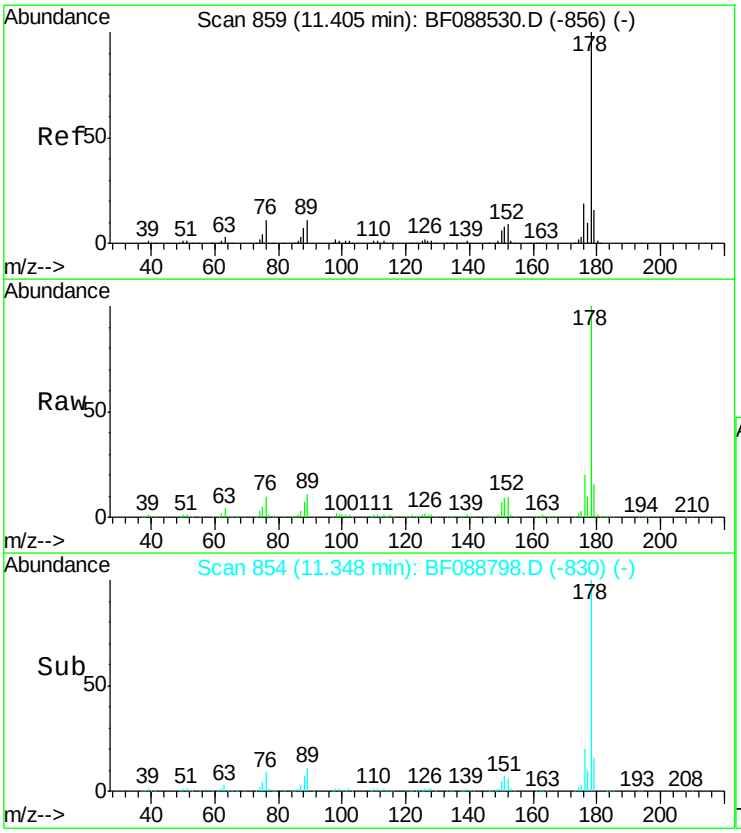
#70
Phenanthrene
Concen: 373.70 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:178 Resp: 4161045

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.8	23.6
179	16.6	13.0	19.4

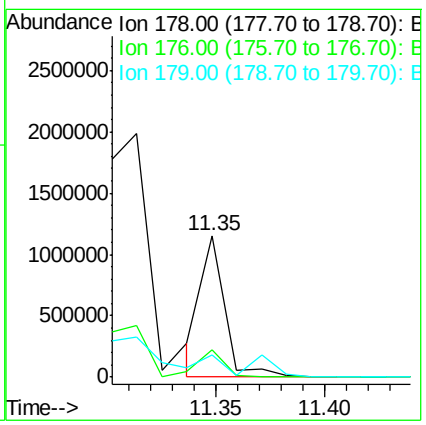


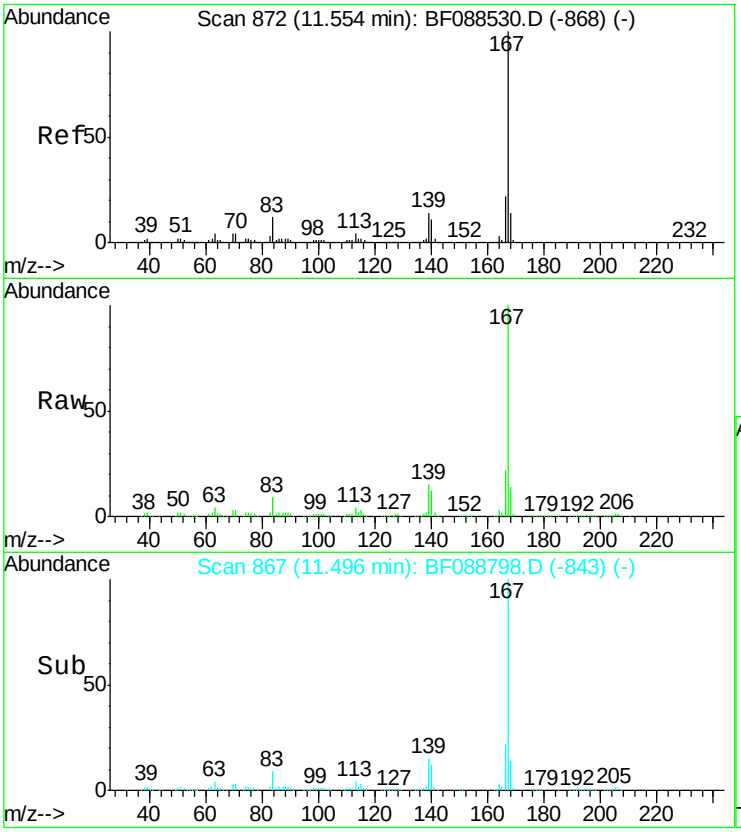


#71
Anthracene
Concen: 78.80 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:178 Resp: 872481

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.1	12.8	19.2



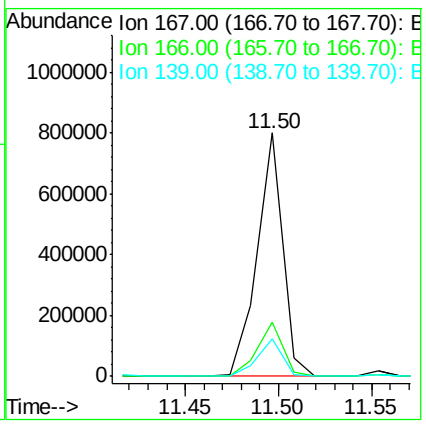


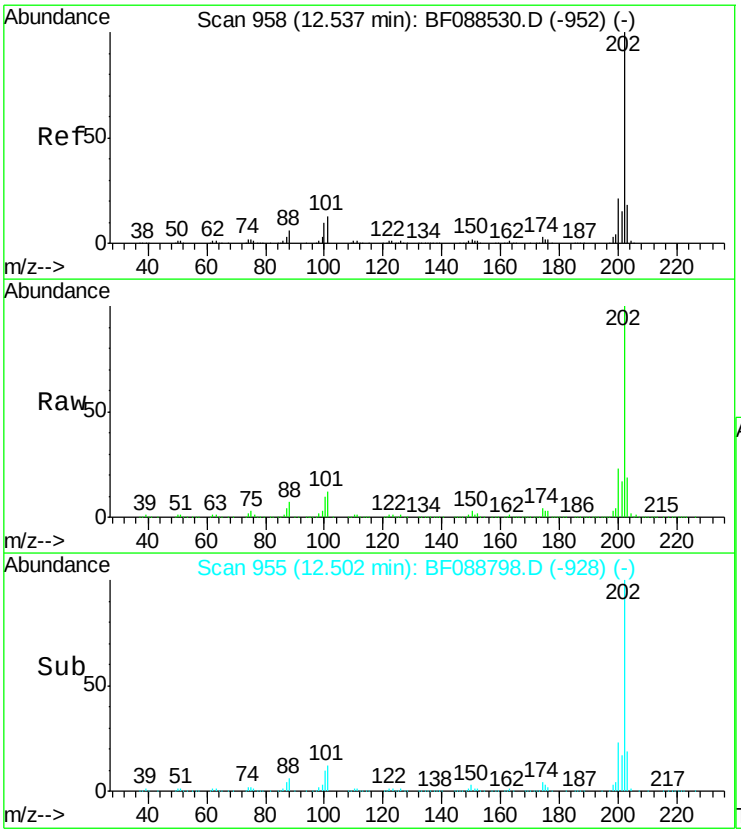
#72
Carbazole
Concen: 72.64 ng
RT: 11.50 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:167 Resp: 756943

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	15.2	11.2	16.8

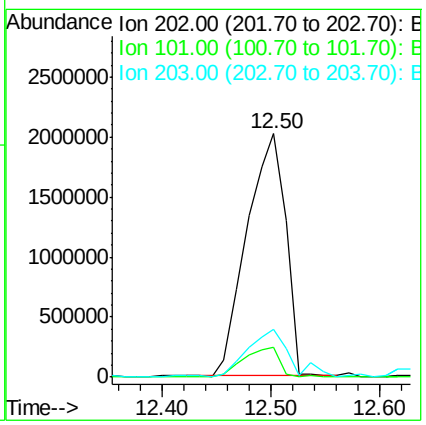


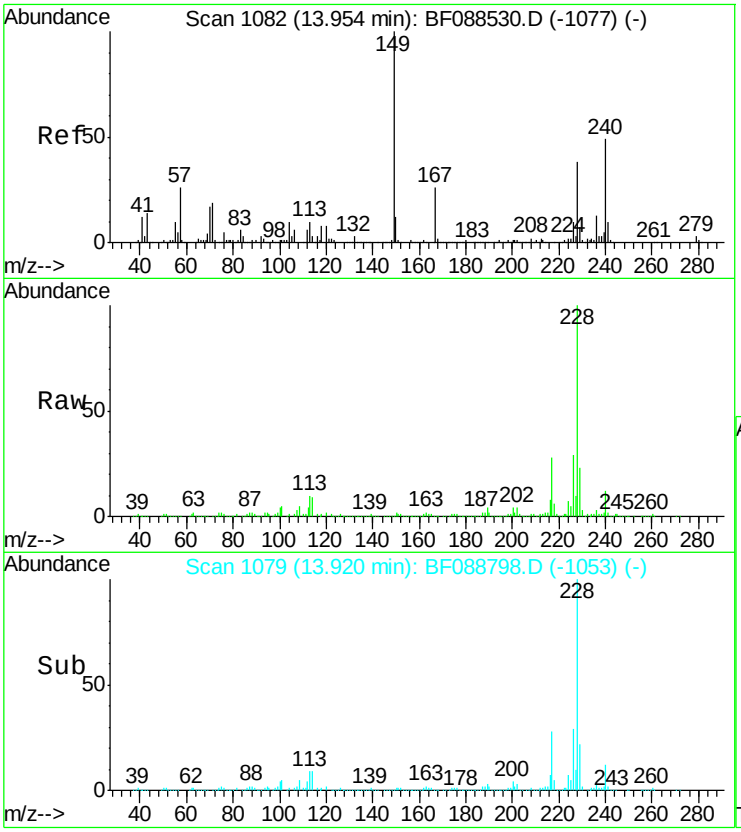


#74
Fluoranthene
Concen: 442.05 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:202 Resp: 4989867

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.1
203	19.4	0.0	38.1



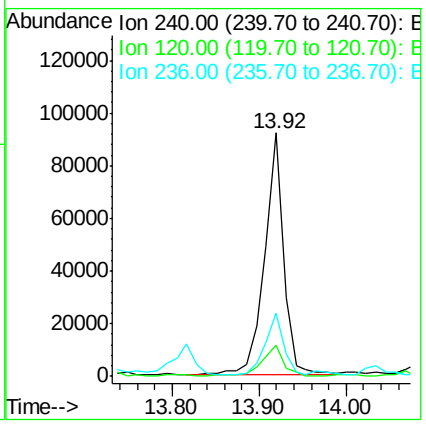


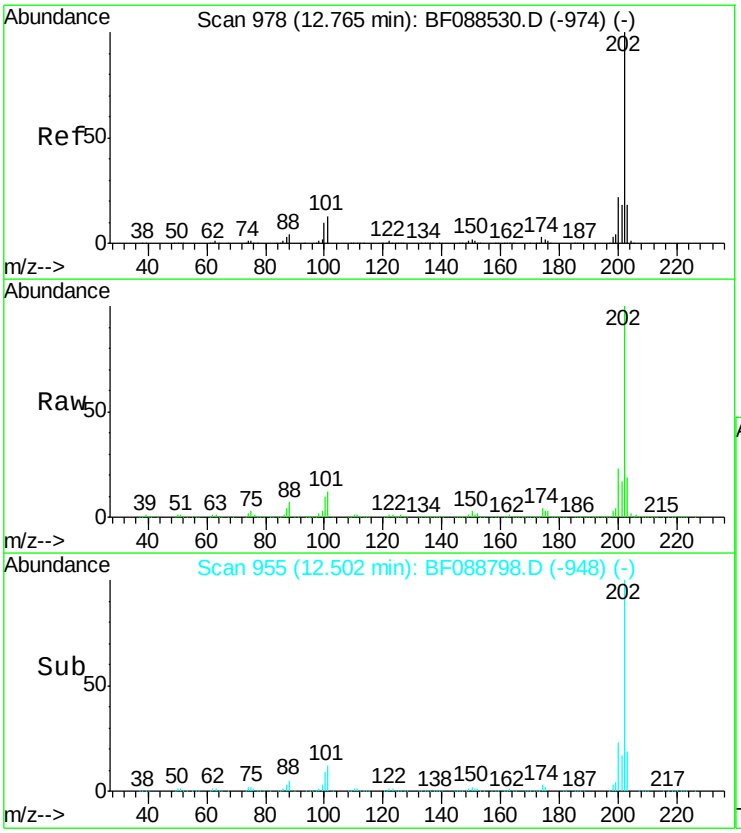
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:240 Resp: 140136

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	26.0	20.2	30.2

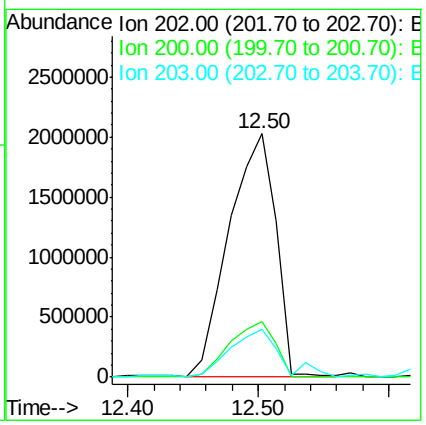


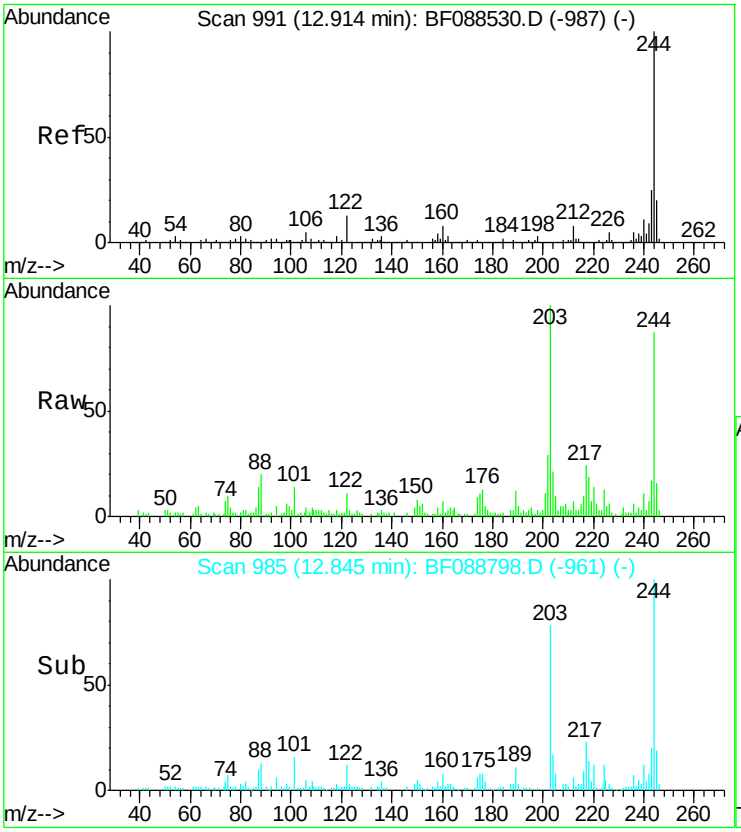


#77
Pyrene
Concen: 422.08 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.22 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:202 Resp: 5015135

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.4	26.2
203	19.4	14.5	21.7



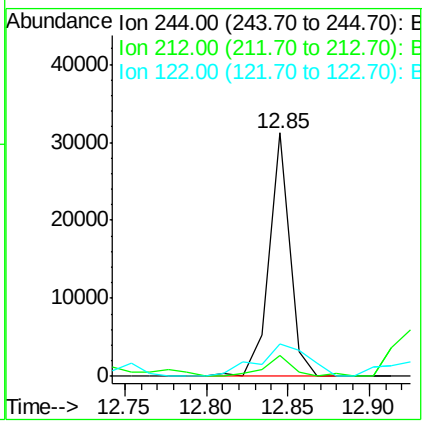


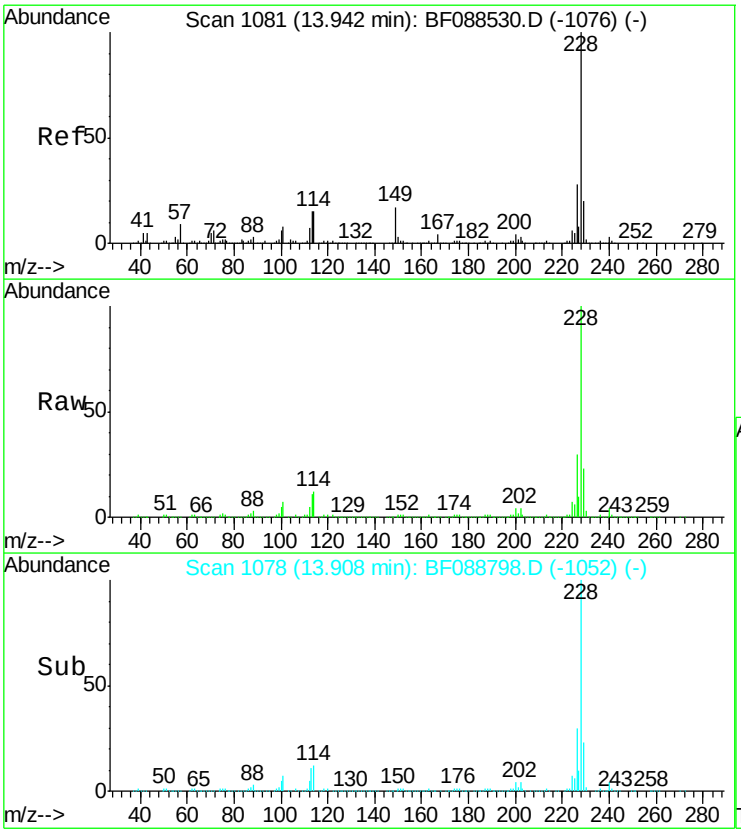
#78
Terphenyl-d14
Concen: 4.37 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:244 Resp: 27490

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	13.1	11.2	16.8

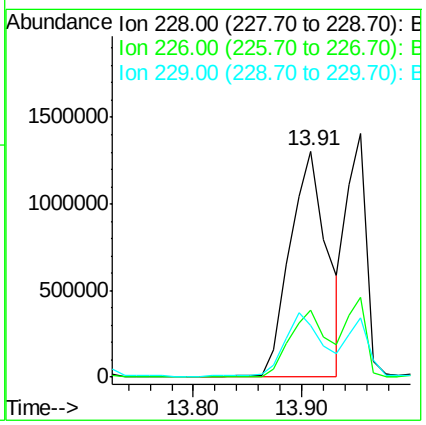


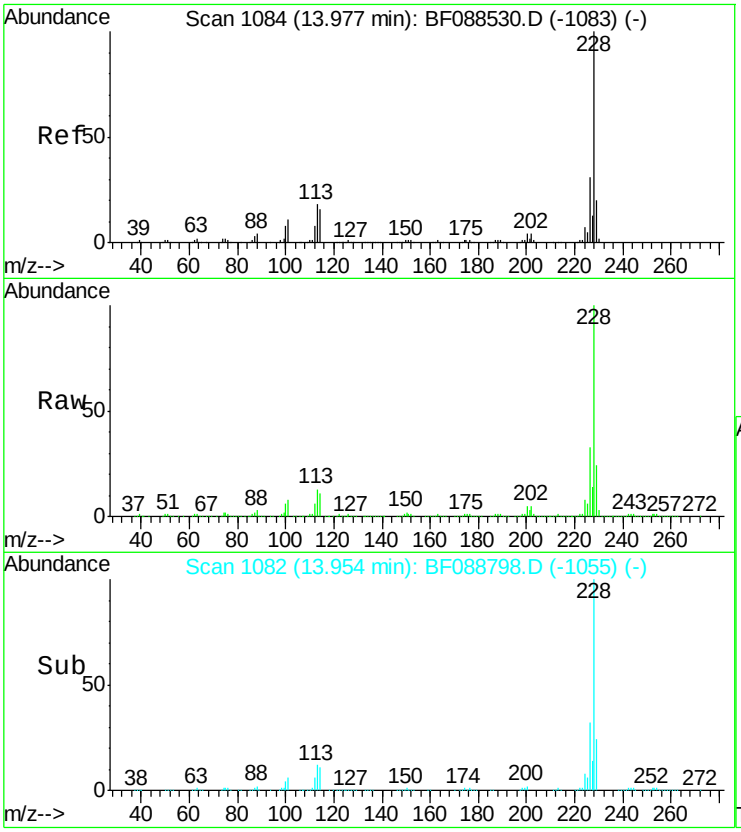


#80
Benzo(a)anthracene
Concen: 346.89 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:228 Resp: 3130205

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	22.8	16.0	24.0



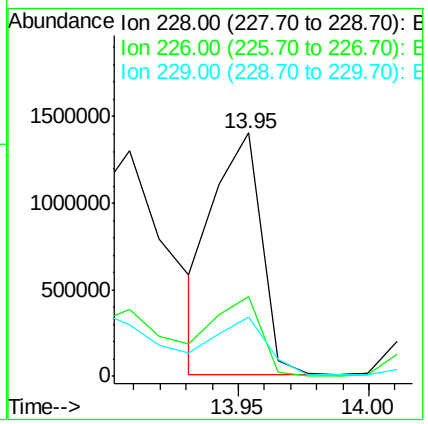


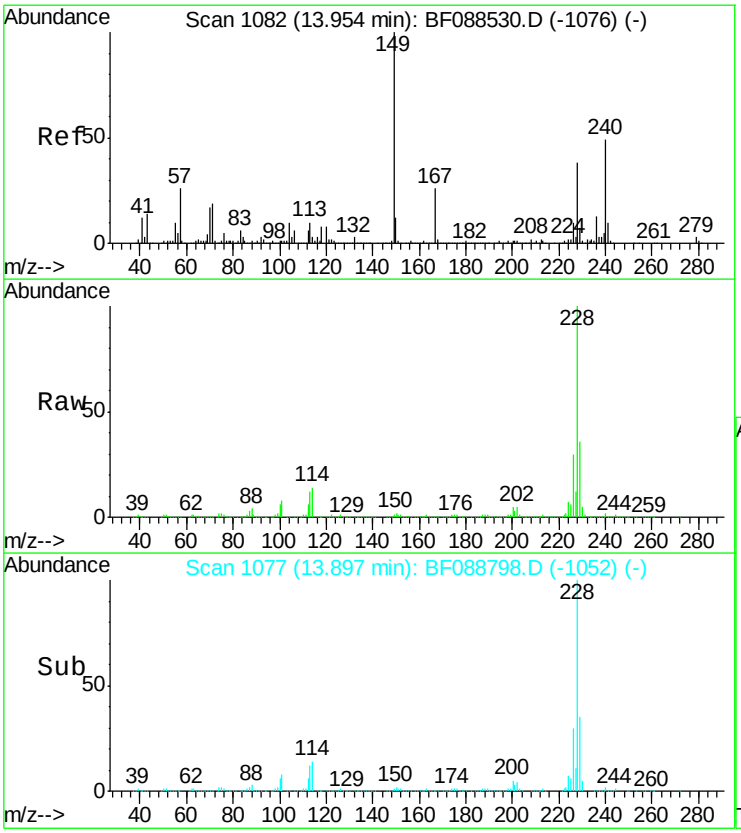
#82
Chrysene
Concen: 199.53 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:228 Resp: 1781299

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.2
229	24.4	16.3	24.5

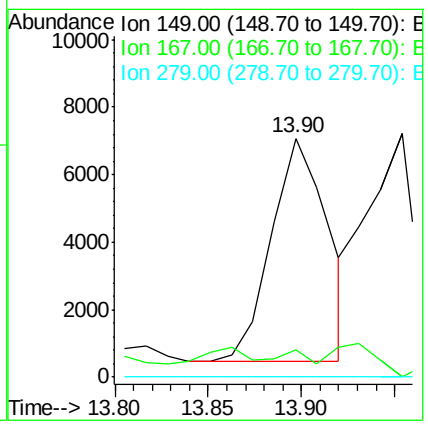


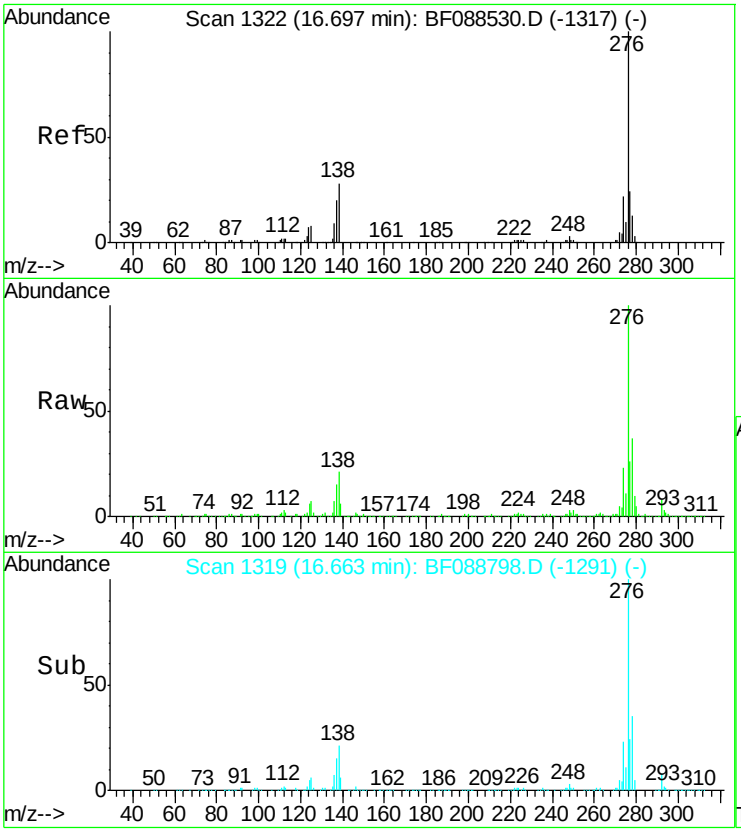


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.32 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:149 Resp: 14039

Ion	Ratio	Lower	Upper
149	100		
167	11.4	20.5	30.7#
279	0.0	2.0	3.0#



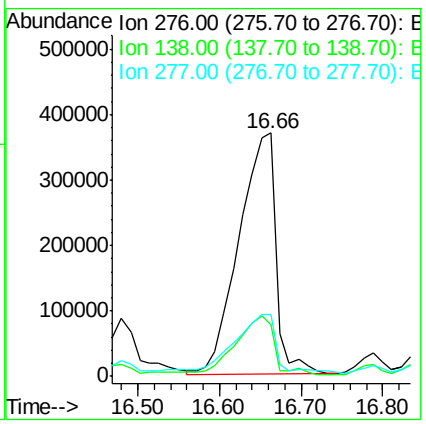


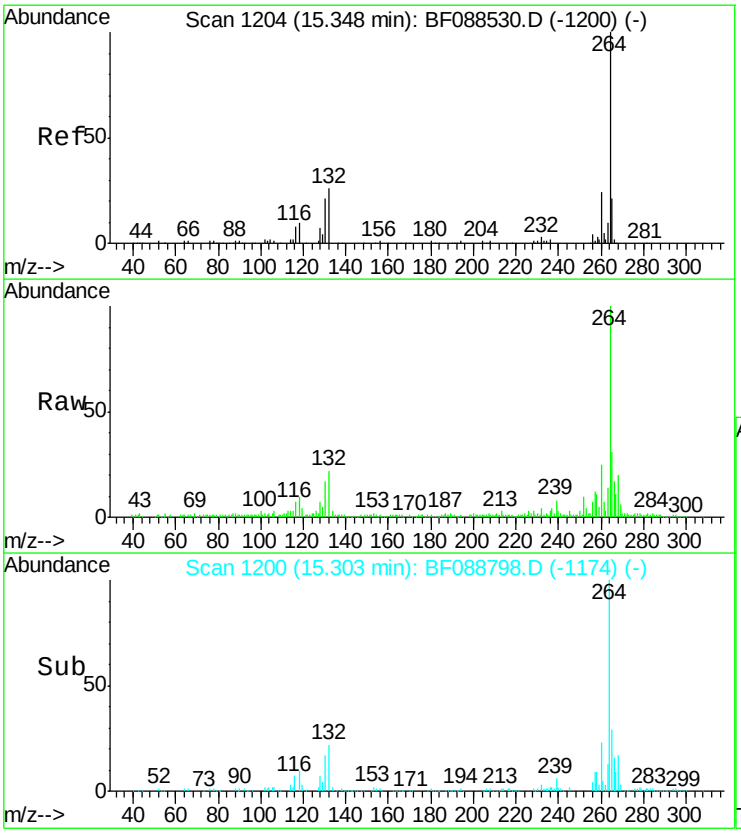
#85
Indeno(1,2,3-cd)pyrene
Concen: 169.68 ng
RT: 16.66 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:276 Resp: 1165480

Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
277	28.1	0.0	0.0#

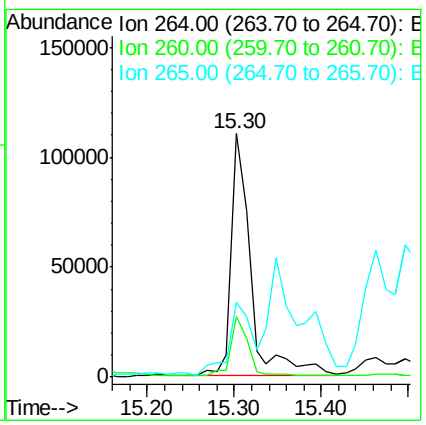


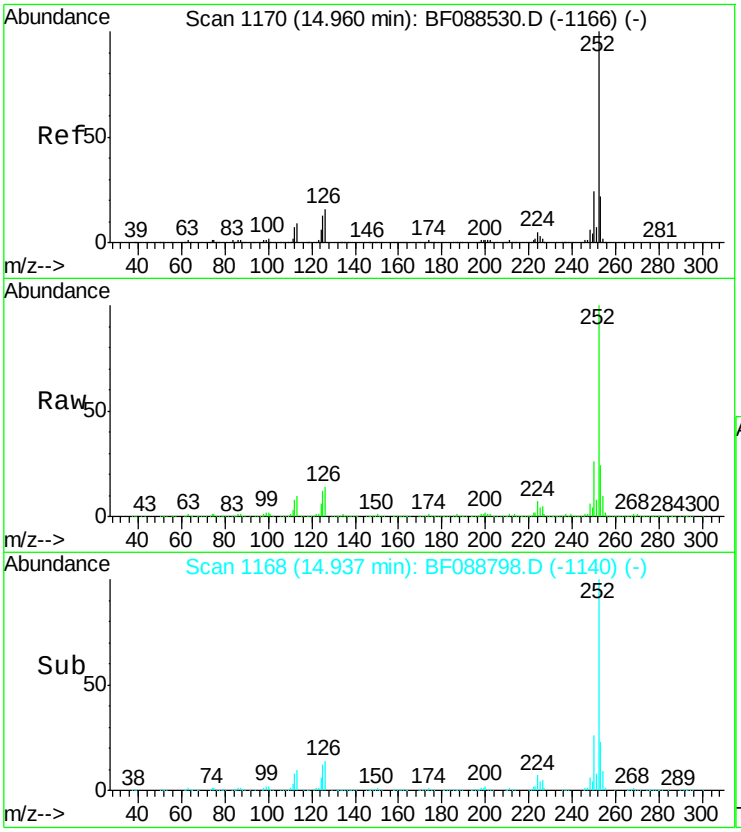


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:264 Resp: 170703

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	30.5	16.9	25.3#



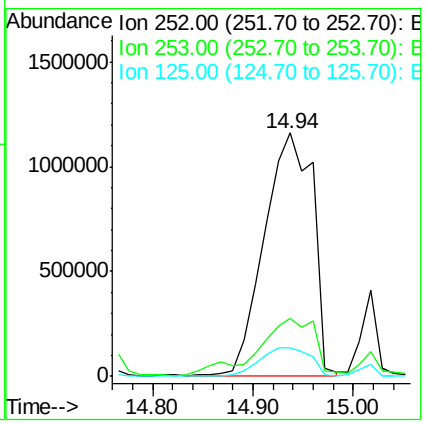


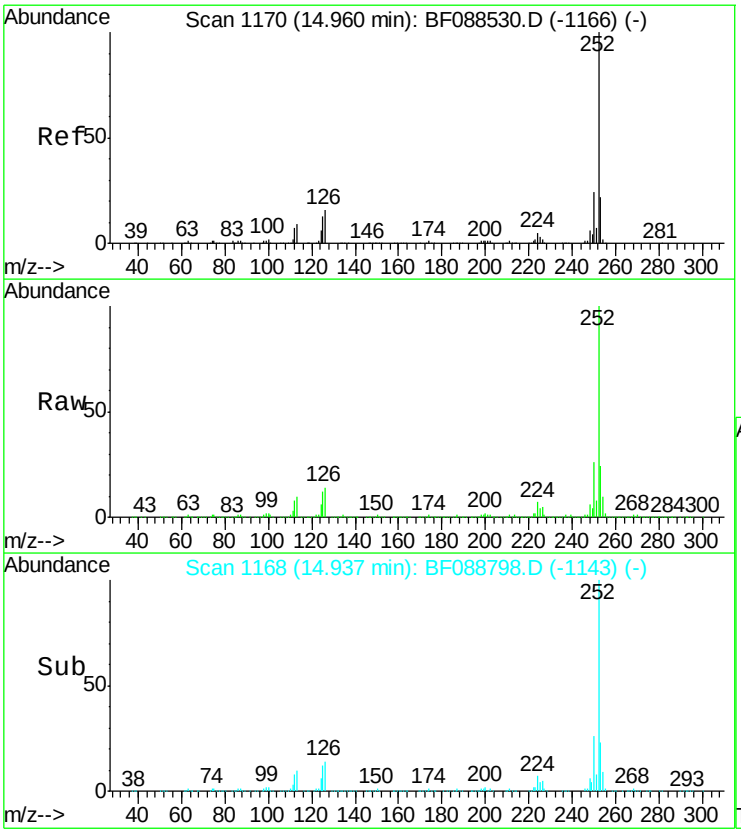
#87
Benzo(b)fluoranthene
Concen: 359.68 ng
RT: 14.94 min Scan# 1168
Delta R.T. 0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:252 Resp: 3851525

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	11.9	7.1	10.7#

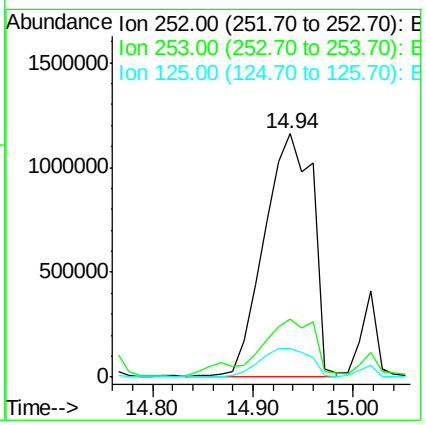


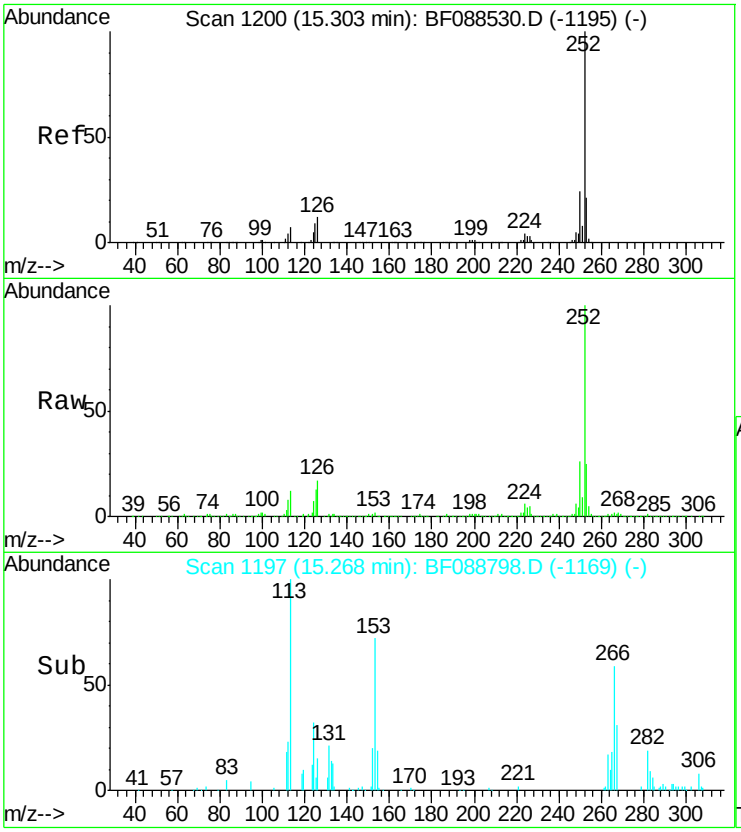


#88
Benzo(k)fluoranthene
Concen: 413.16 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:252 Resp: 3851525

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	11.9	11.2	16.8



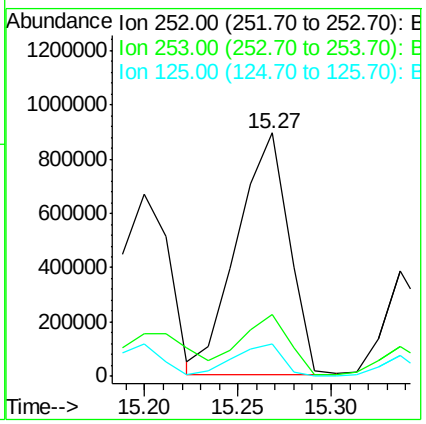


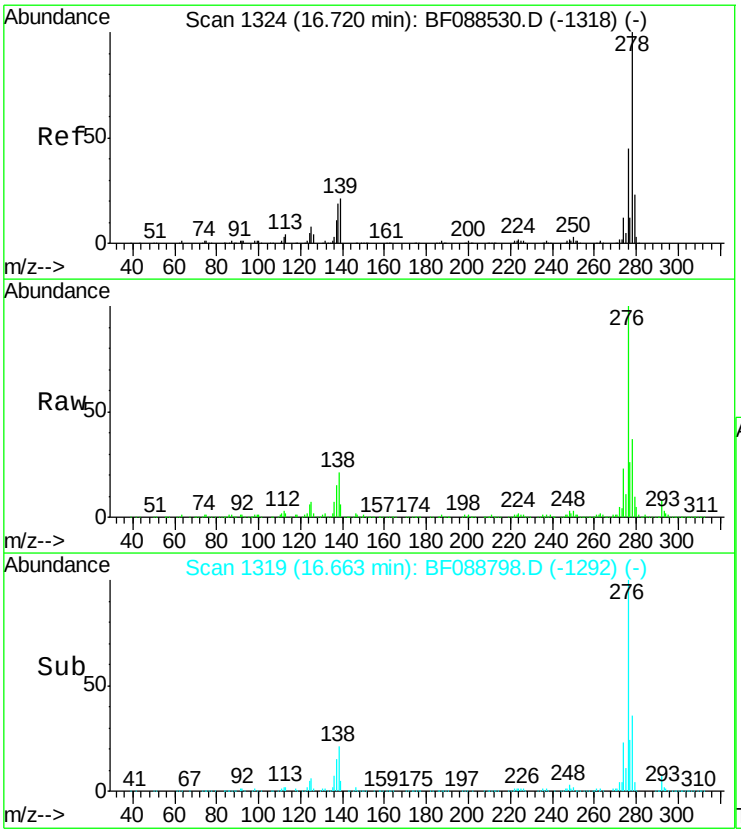
#89
Benzo(a)pyrene
Concen: 189.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:252 Resp: 1713560

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	13.4	12.5	18.7

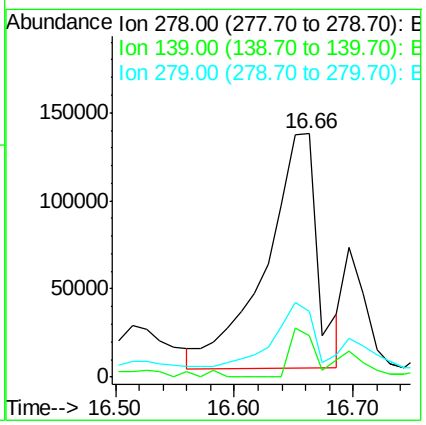


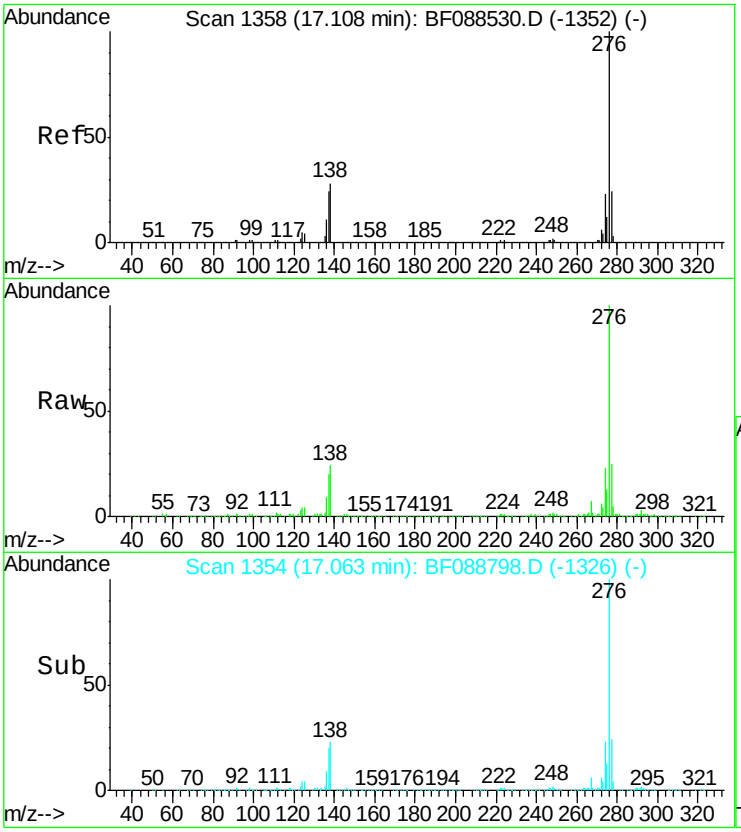


#90
Dibenzo(a,h)anthracene
Concen: 53.28 ng
RT: 16.66 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Tgt Ion:278 Resp: 403379

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.7	23.5
279	27.0	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 125.56 ng
RT: 17.06 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF088798.D
Acq: 8 Jul 2016 00:34

Instrument :
BNA_F
ClientSampleId :
SS-9

Tgt Ion:276 Resp: 983659

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	23.6	21.4	32.2