Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032116\
Data File : BF085659.D
Acq On : 22 Mar 2016 10:48
Operator : UM/SJ
Sample : H1799-02DL 50X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 12:50:46 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	6.84	152	111183	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	438883	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	175957	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	266001	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	212754	20.00	ng		-0.02
86) Perylene-d12	15.42	264	220489	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	15701	2.37	ng		-0.01
7) Phenol-d6	6.47	99	23456	2.76	ng		-0.02
23) Nitrobenzene-d5	7.41	82	13600	1.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	2446	1.42	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	29369	0.91	ng		-0.02
78) Terphenyl-d14	12.94	244	16076	1.82	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	3562	Below Cal		#	1
30) 1,2,4-Trichlorobenzene	8.07	180	13599	2.03	ng		98
31) Naphthalene	8.15	128	1347631	60.83	ng		100
33) 4-Chloroaniline	8.15	127	185695	20.45	ng	#	35
37) 2-Methylnaphthalene	8.94	142	361712	26.79	ng		97
45) 1,1'-Biphenyl	9.30	154	83273	5.49	ng		93
48) Acenaphthylene	9.74	152	49628	2.77	ng	#	93
51) Acenaphthene	9.91	154	101107	8.98	ng		99
54) Dibenzofuran	10.08	168	27674	2.02	ng	#	82
57) Fluorene	10.42	166	118478	10.37	ng		100
70) Phenanthrene	11.38	178	418729	29.85	ng		99
71) Anthracene	11.44	178	130497	8.87	ng		97
74) Fluoranthene	12.57	202	122915	8.37	ng		91
77) Pyrene	12.80	202	208283	13.63	ng		99
80) Benzo(a)anthracene	13.98	228	61272	4.96	ng	#	93
82) Chrysene	13.98	228	61272	5.16	ng		97
87) Benzo(b)fluoranthene	15.02	252	50018	3.48	ng		96
88) Benzo(k)fluoranthene	15.02	252	50018	4.22	ng	#	94
89) Benzo(a)pyrene	15.36	252	47732	3.91	ng		97

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

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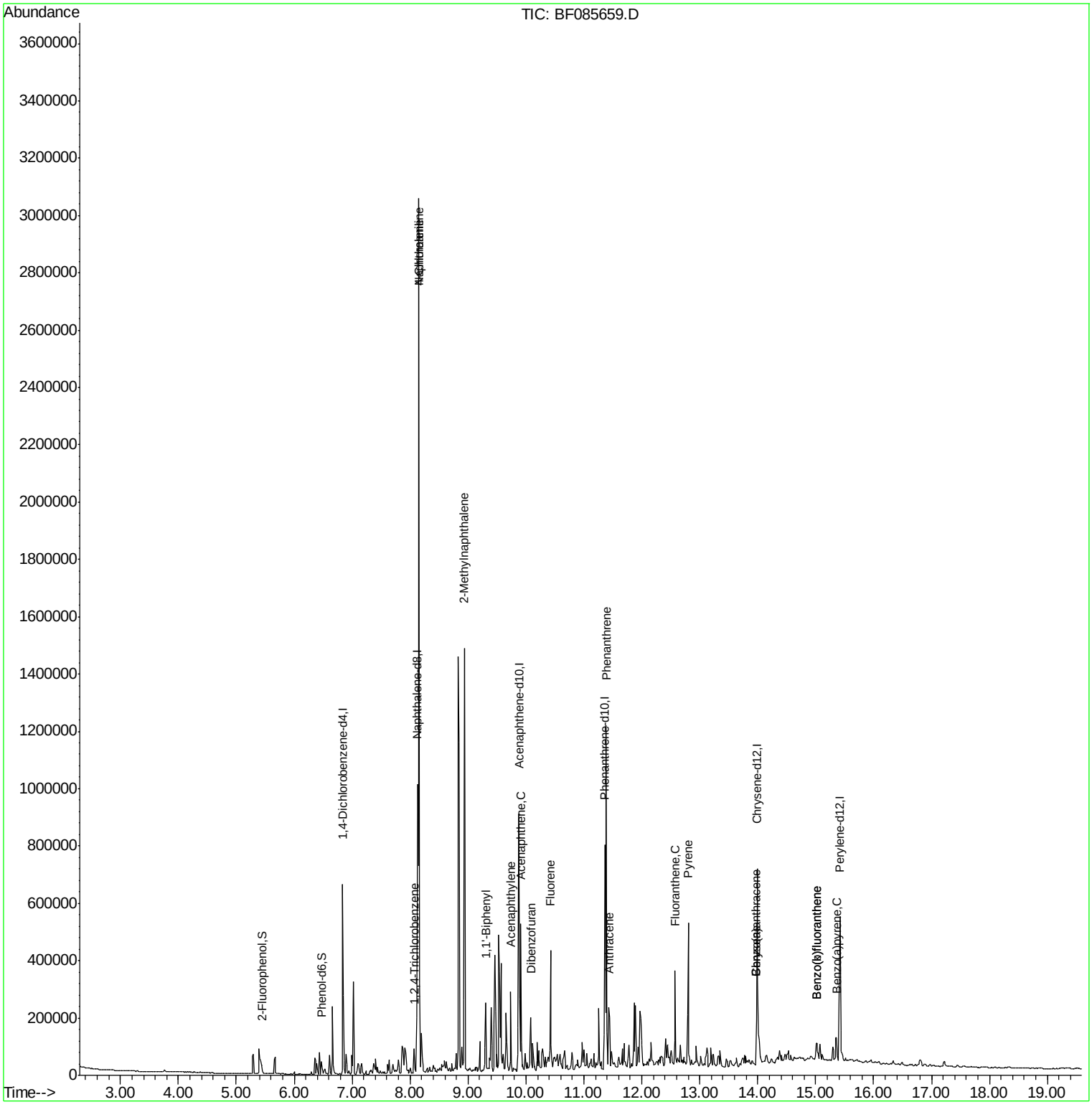
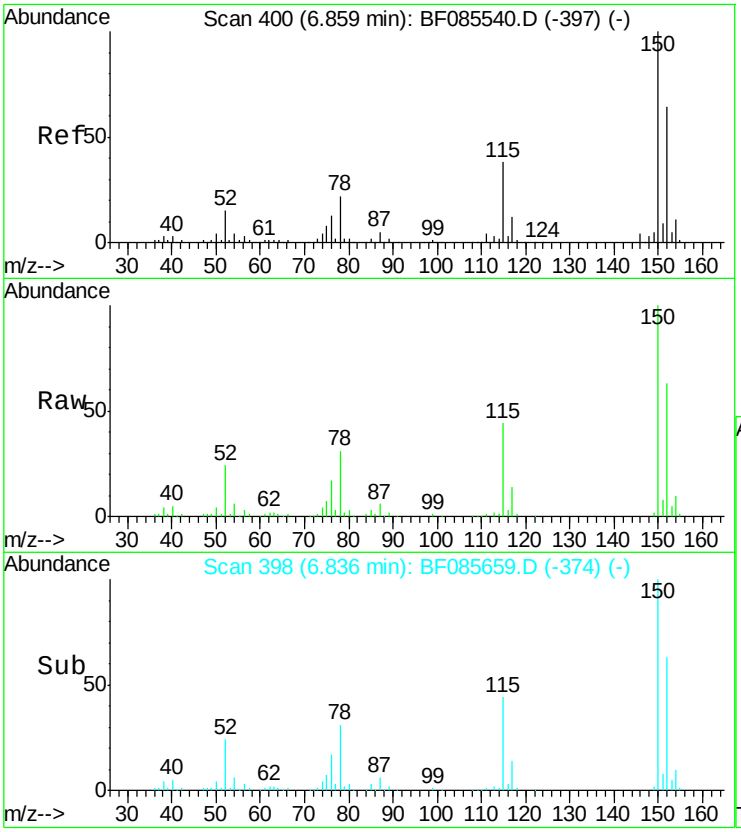


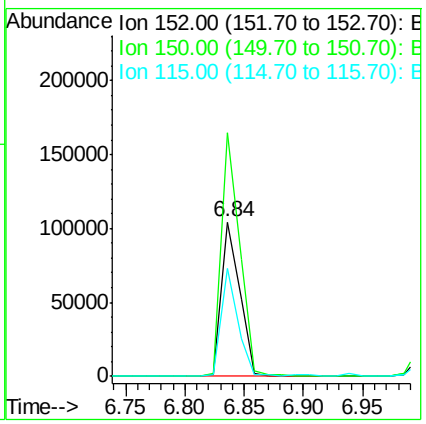


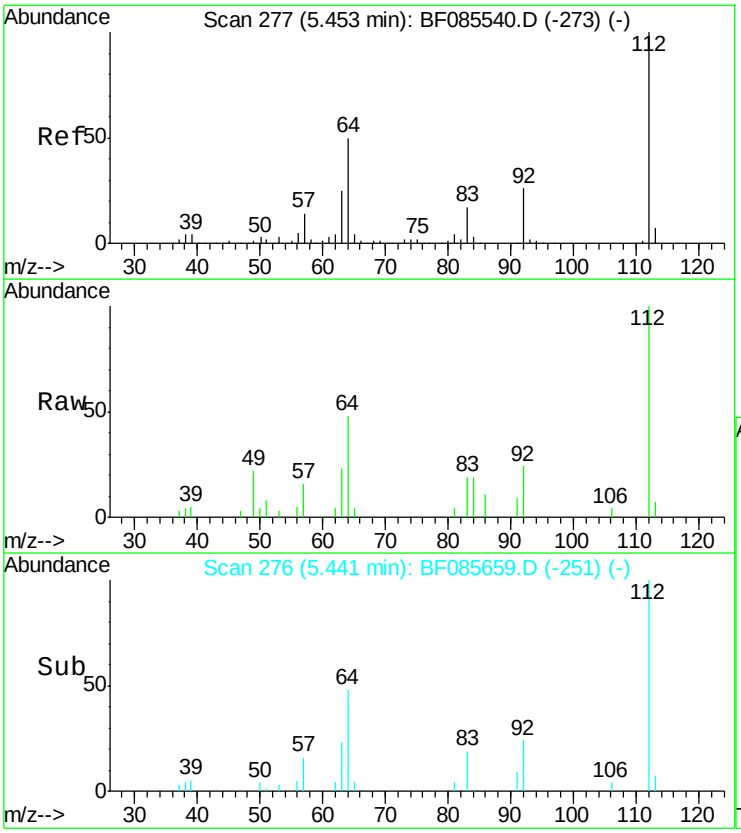
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111183

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	70.2	47.0	70.6

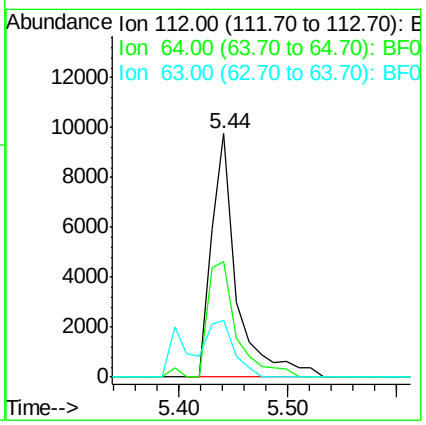


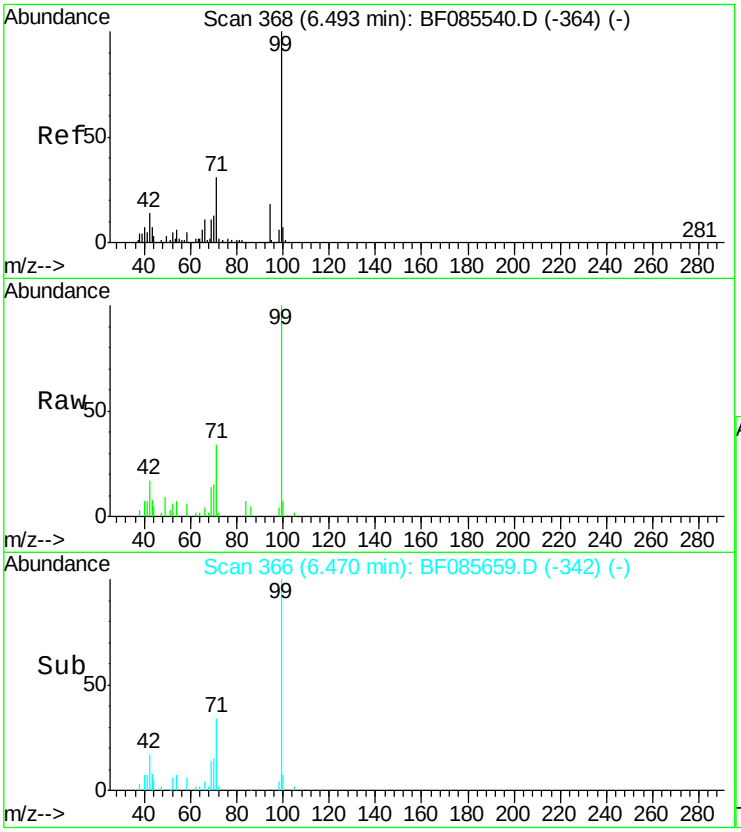


#5
2-Fluorophenol
Concen: 2.37 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:112 Resp: 15701

Ion	Ratio	Lower	Upper
112	100		
64	47.6	39.9	59.9
63	23.5	20.2	30.2



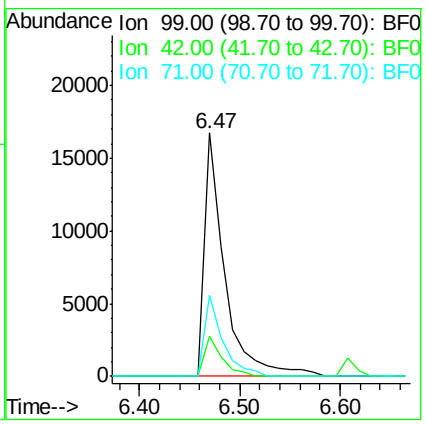


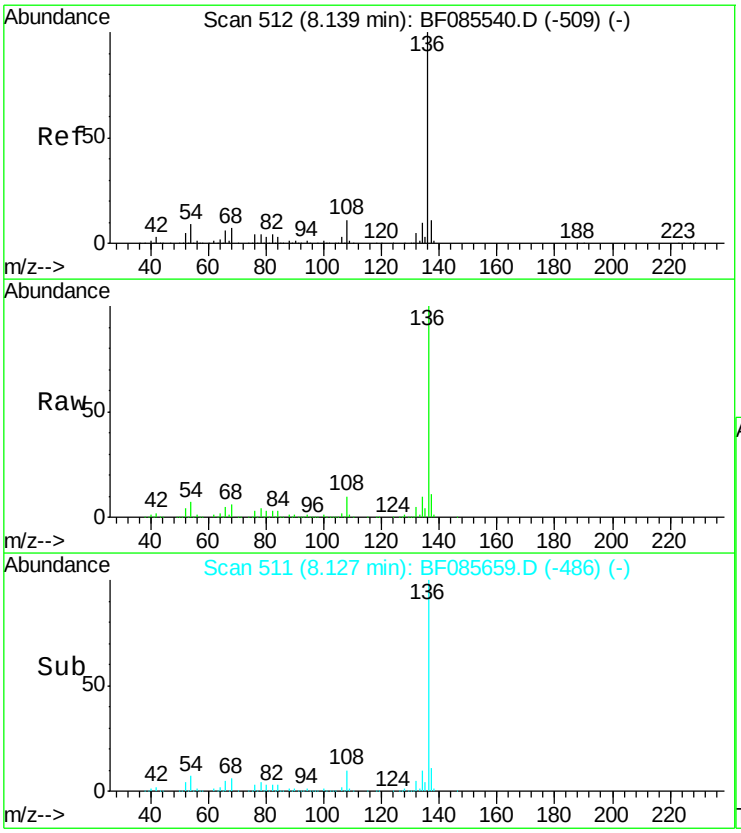
#7
Phenol-d6
Concen: 2.76 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 23456

Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.1	16.7
71	33.5	24.9	37.3

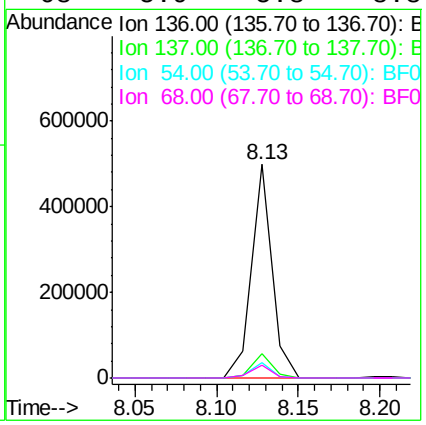


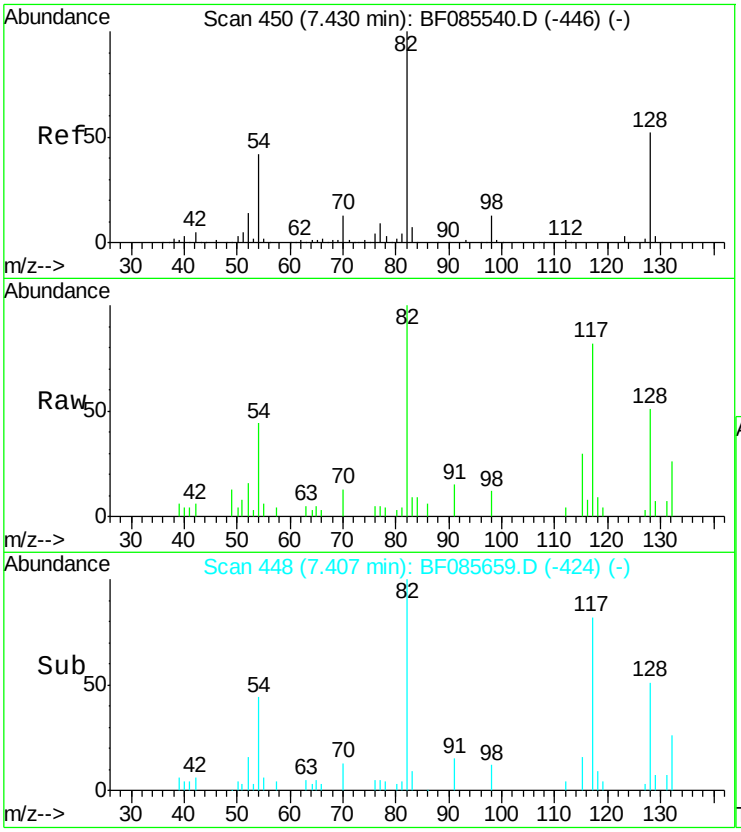


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:136 Resp: 438883

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.1	7.4	11.0#
68	5.9	5.8	8.8



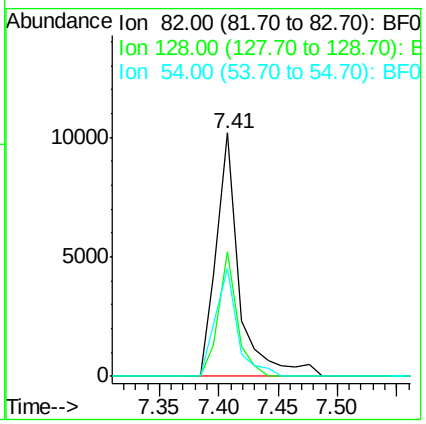


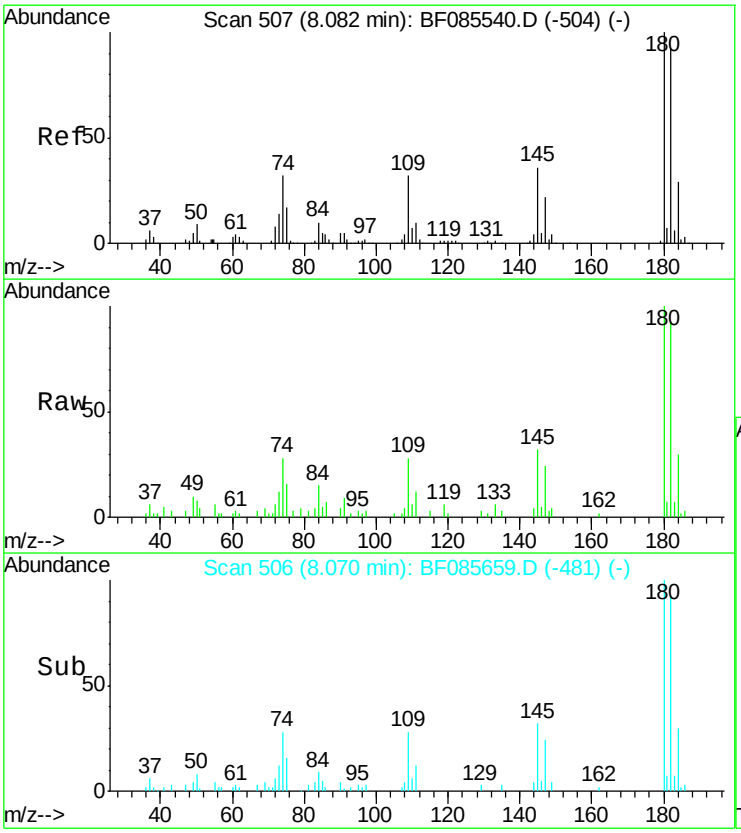
#23
Nitrobenzene-d5
Concen: 1.80 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 13600

Ion	Ratio	Lower	Upper
82	100		
128	51.1	41.8	62.8
54	44.5	33.4	50.0

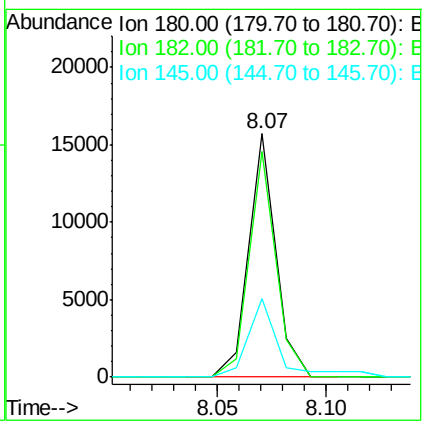


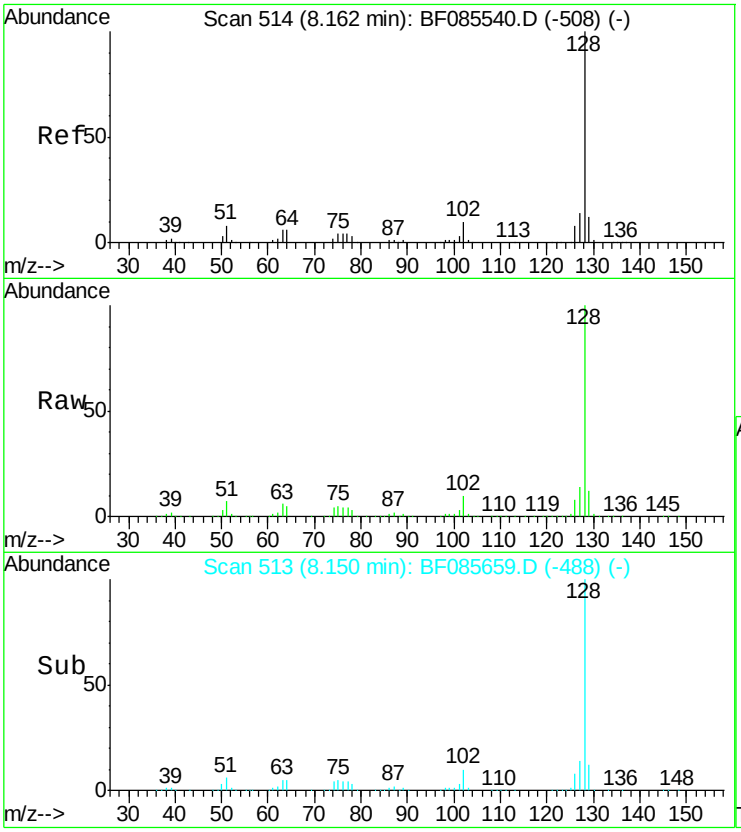


#30
1,2,4-Trichlorobenzene
Concen: 2.03 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:180 Resp: 13599

Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.8	110.8
145	32.2	28.4	42.6



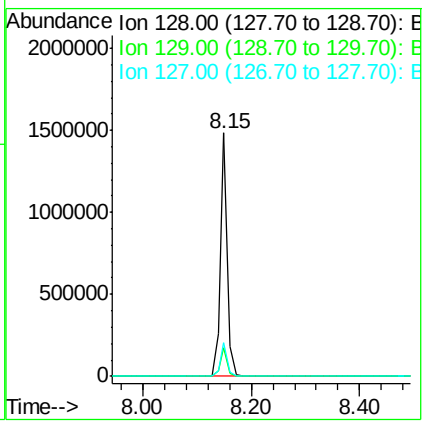


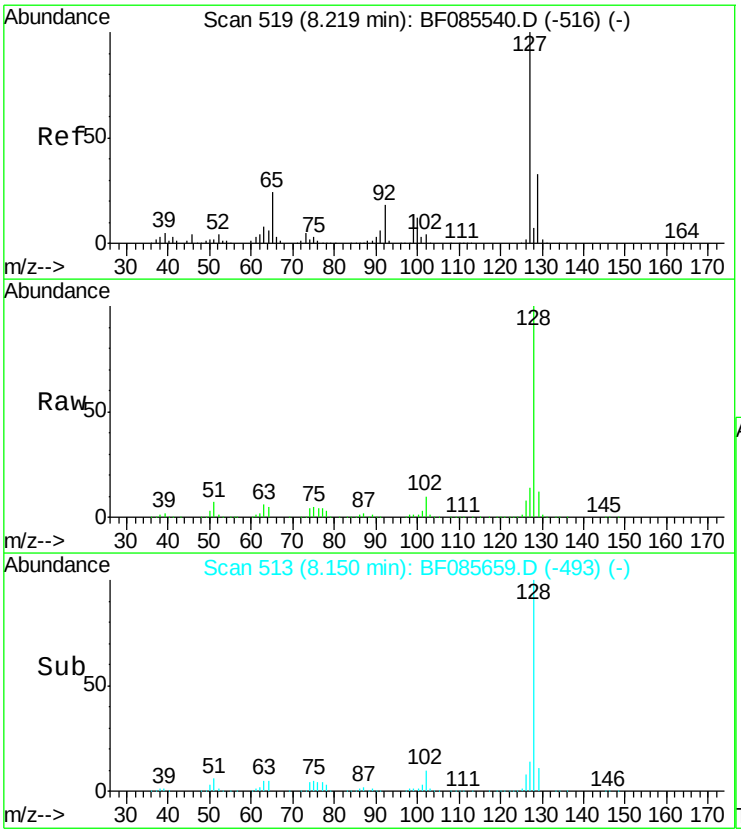
#31
Naphthalene
Concen: 60.83 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1347631

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	14.1	11.0	16.6

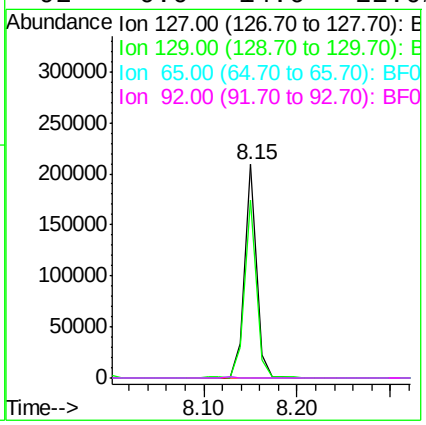


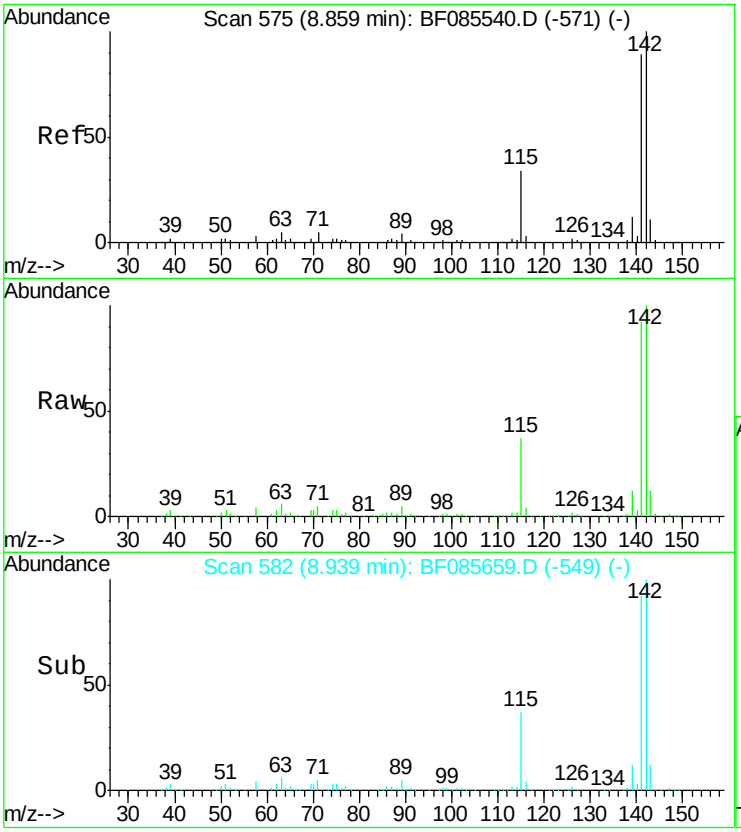


#33
4-Chloroaniline
Concen: 20.45 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:127 Resp: 185695

Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



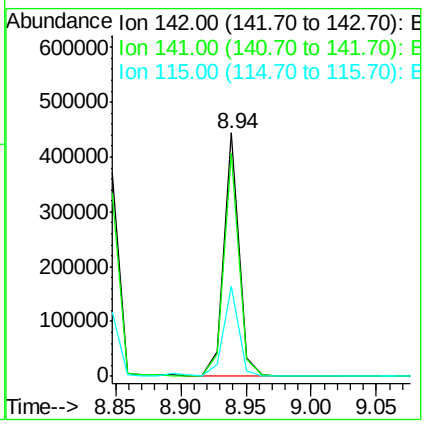


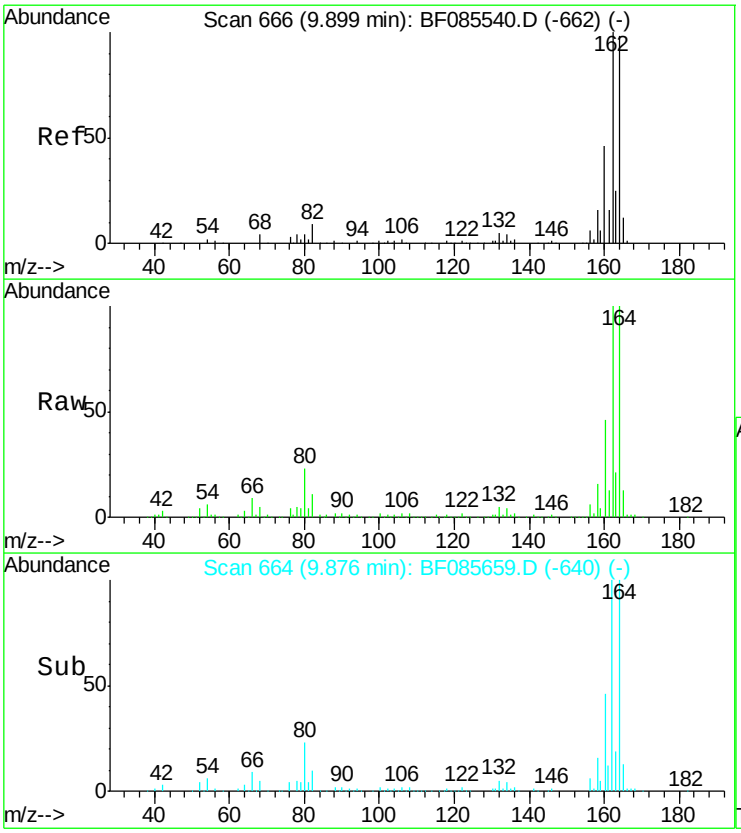
#37
2-Methylnaphthalene
Concen: 26.79 ng
RT: 8.94 min Scan# 582
Delta R.T. 0.08 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 361712

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.6	107.4
115	36.8	26.8	40.2

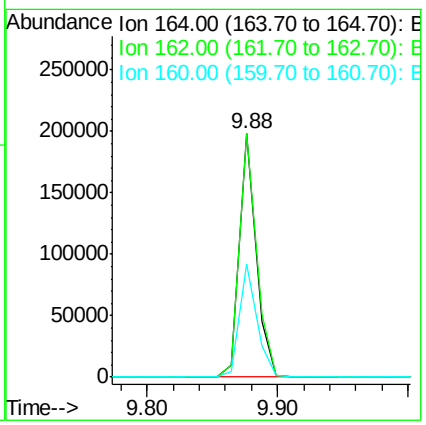


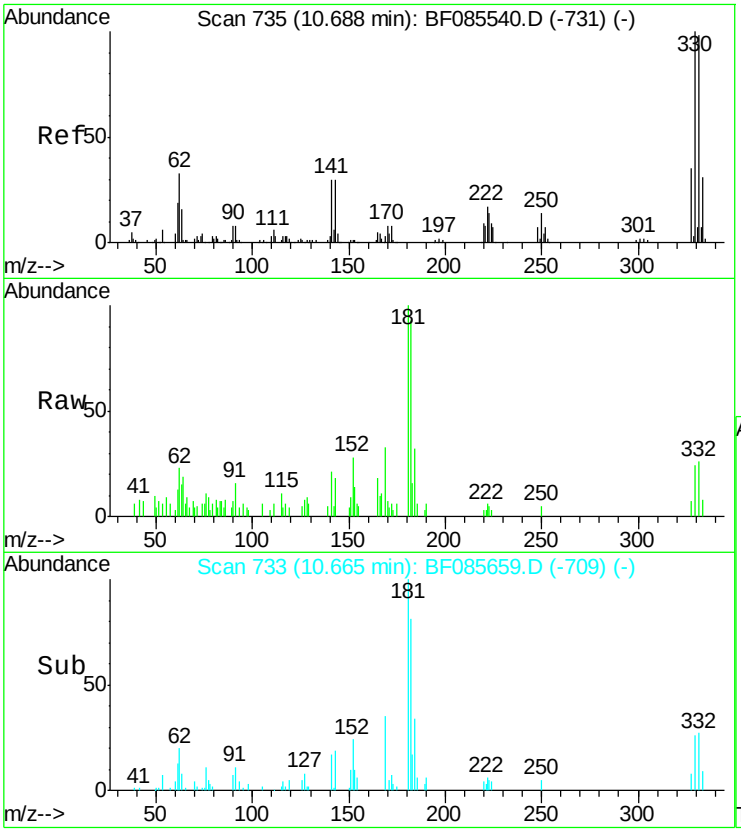


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:164 Resp: 175957

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.1	123.1
160	46.3	37.4	56.2



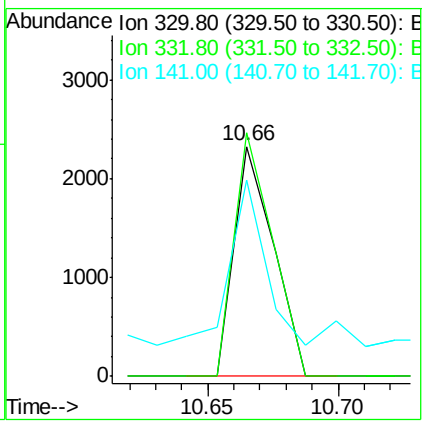


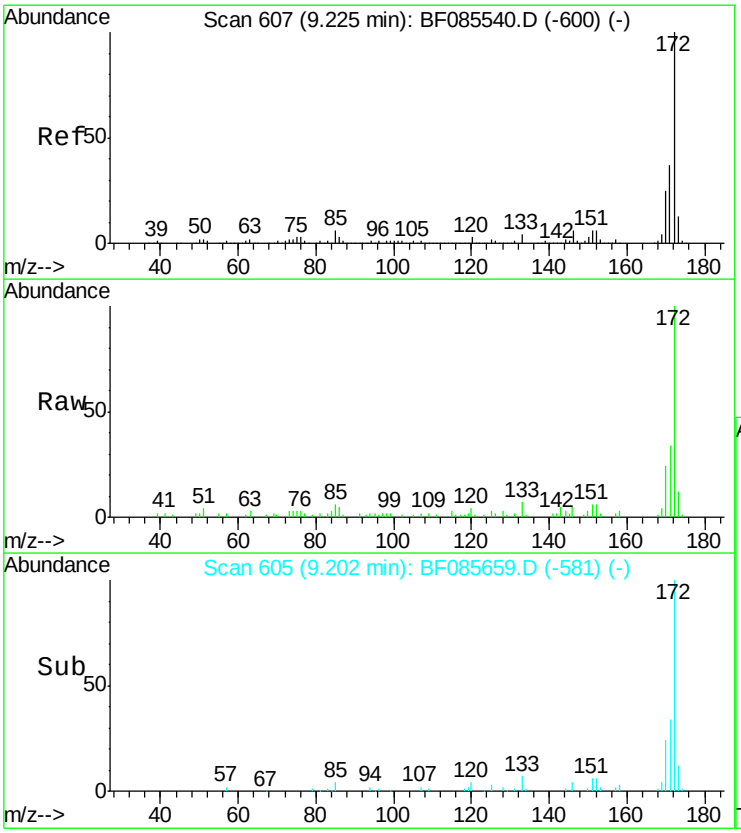
#41
2,4,6-Tribromophenol
Concen: 1.42 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2446

Ion	Ratio	Lower	Upper
330	100		
332	103.9	78.2	117.2
141	184.2	31.5	47.3#

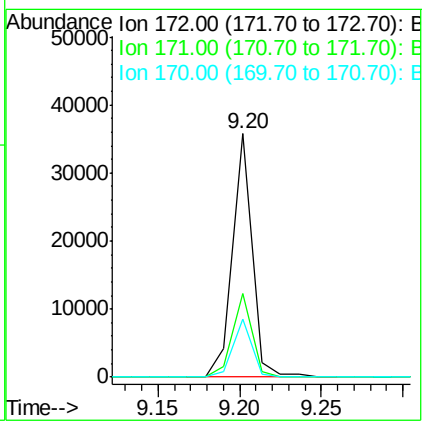


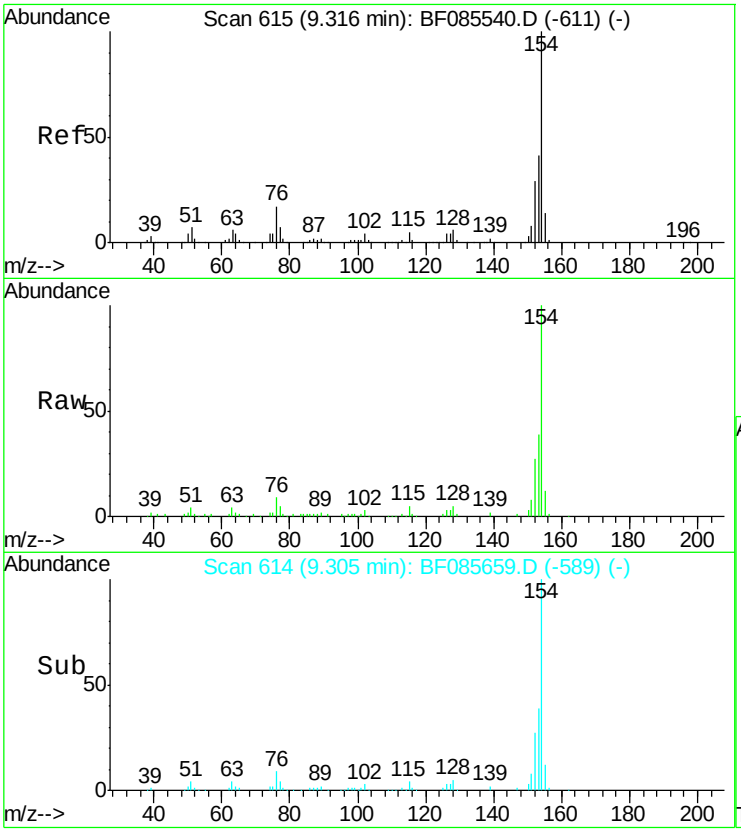


#44
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:172 Resp: 29369

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.2
170	24.1	19.8	29.6



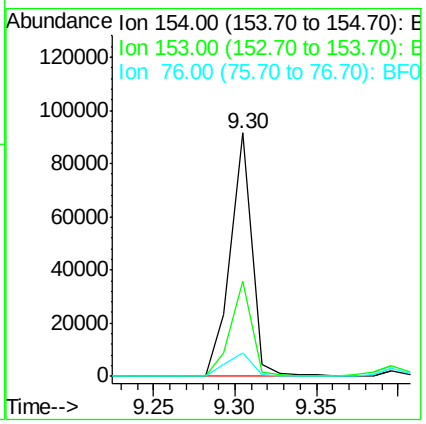


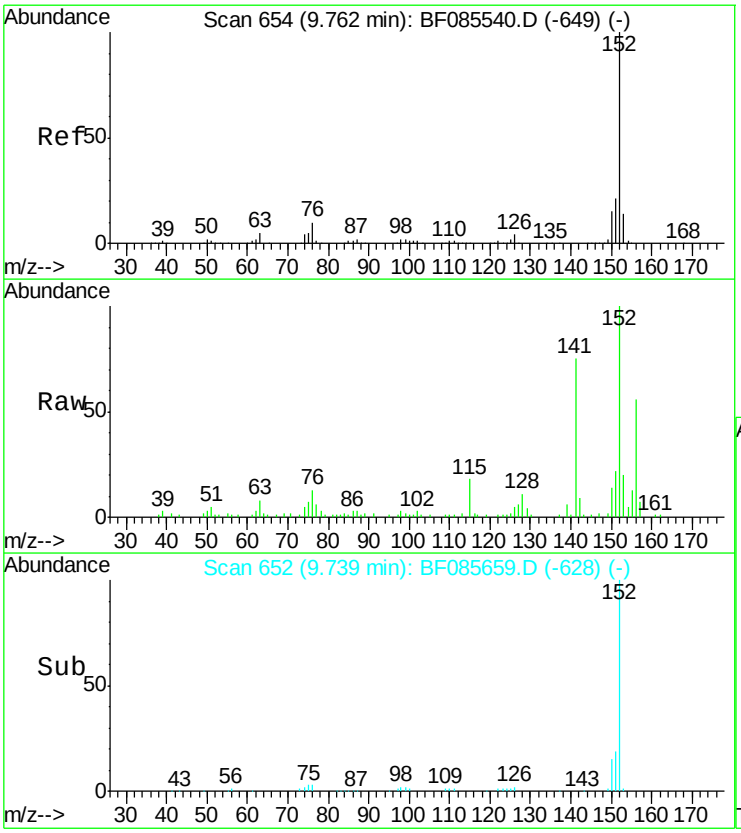
#45
1,1'-Biphenyl
Concen: 5.49 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 83273

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.8	60.8
76	9.4	0.0	36.7

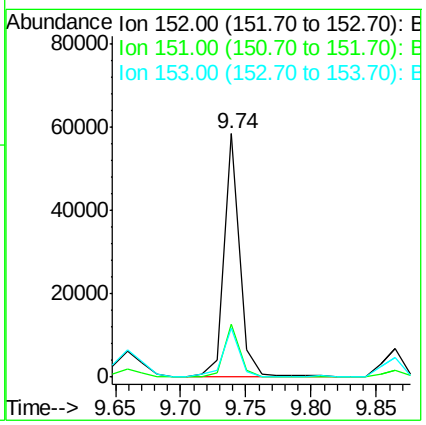


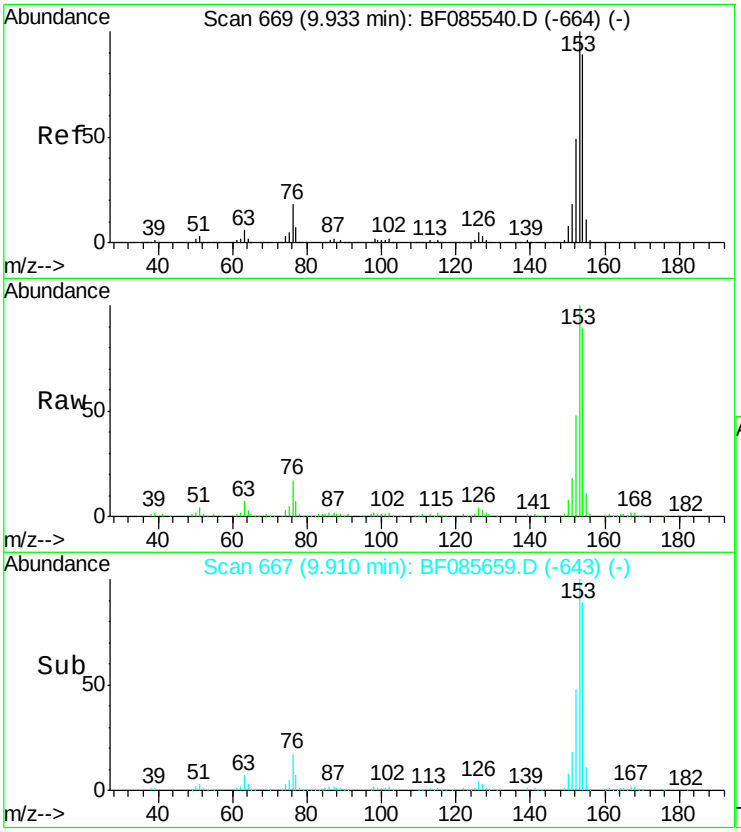


#48
Acenaphthylene
Concen: 2.77 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:152 Resp: 49628

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	20.2	10.9	16.3#



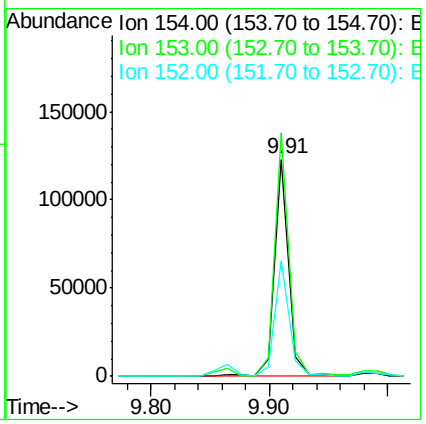


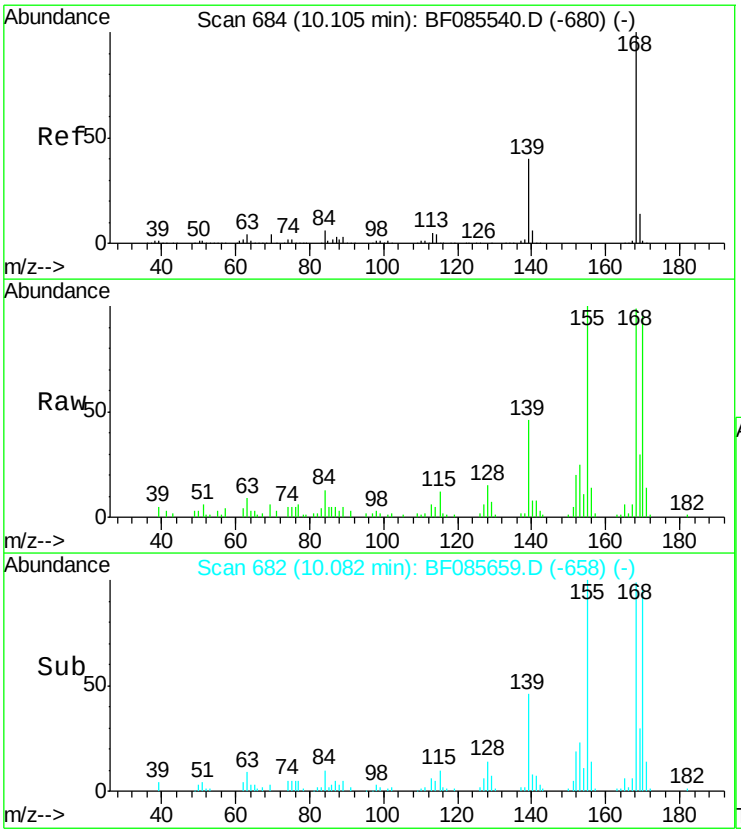
#51
Acenaphthene
Concen: 8.98 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 101107

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	53.4	44.2	66.2

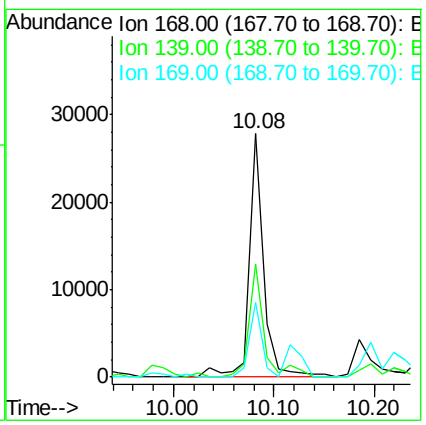


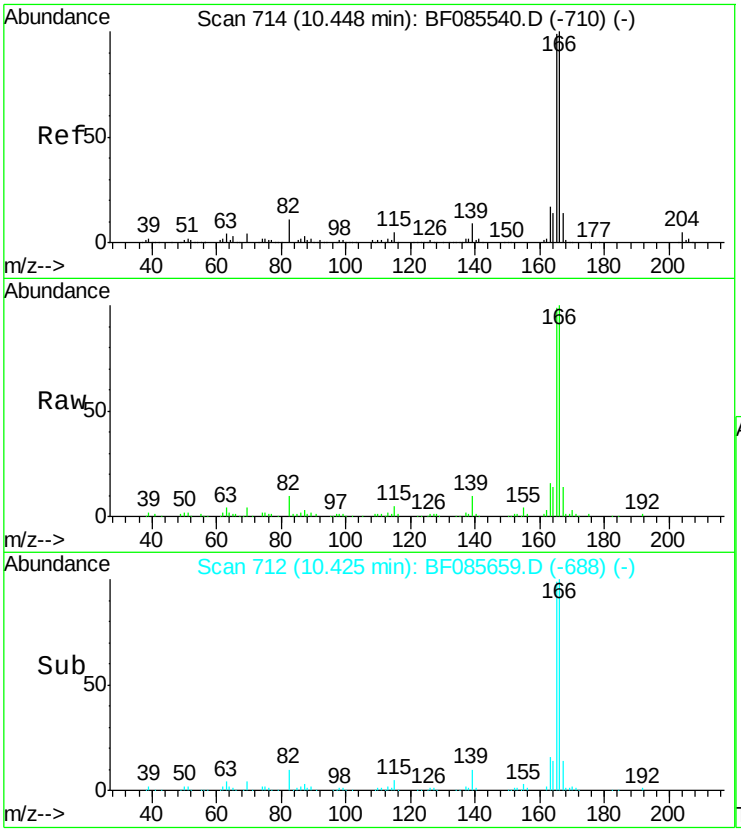


#54
Dibenzofuran
Concen: 2.02 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:168 Resp: 27674

Ion	Ratio	Lower	Upper
168	100		
139	46.4	31.9	47.9
169	30.4	11.0	16.6#



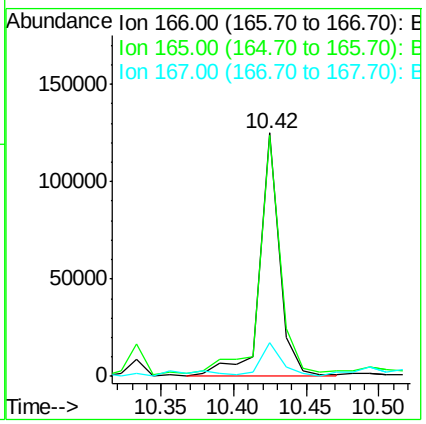


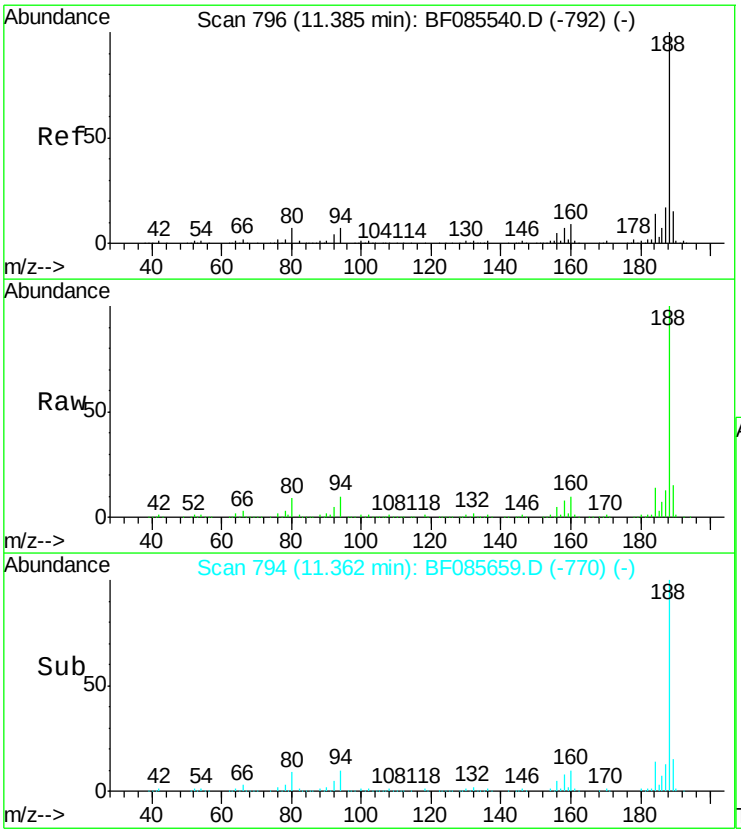
#57
Fluorene
Concen: 10.37 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 118478

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.0
167	14.0	11.0	16.4

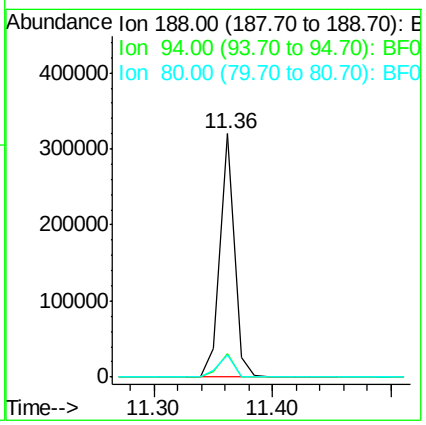


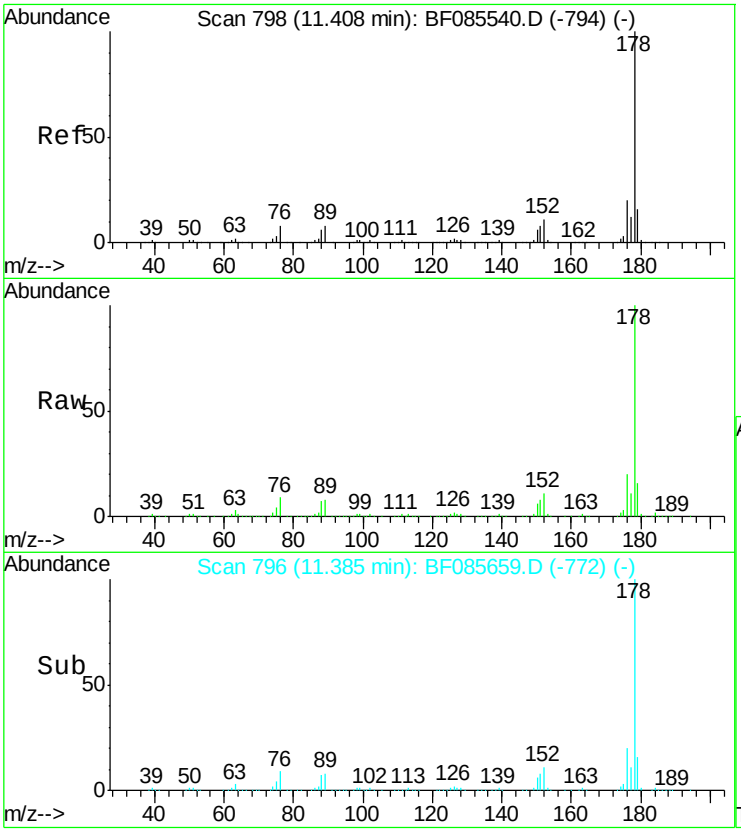


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:188 Resp: 266001

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	9.3	5.5	8.3#

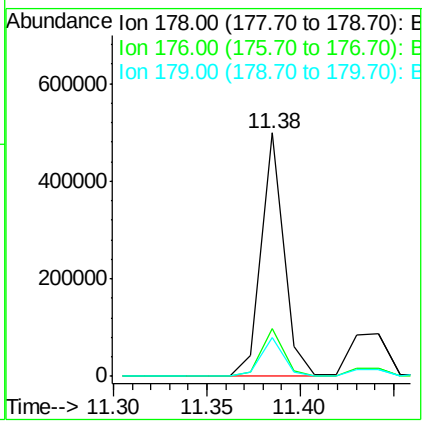




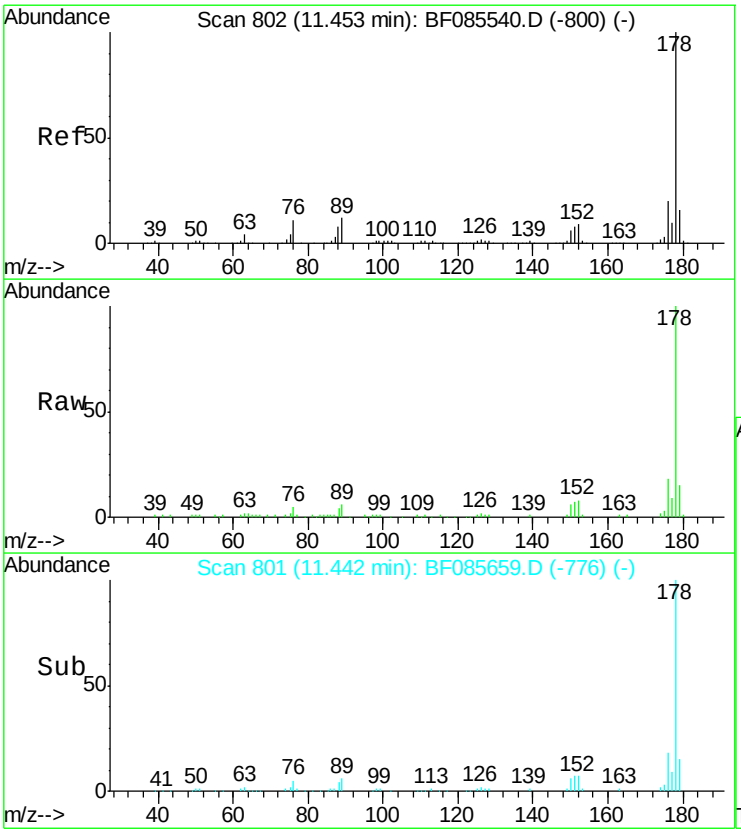
#70
Phenanthrene
Concen: 29.85 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:178 Resp: 418729

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.7	12.6	18.8



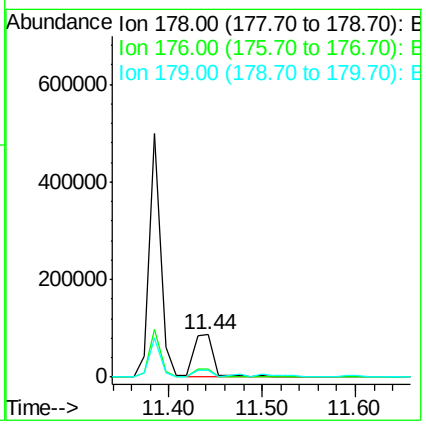
Instrument :
BNA_F
ClientSampleId :

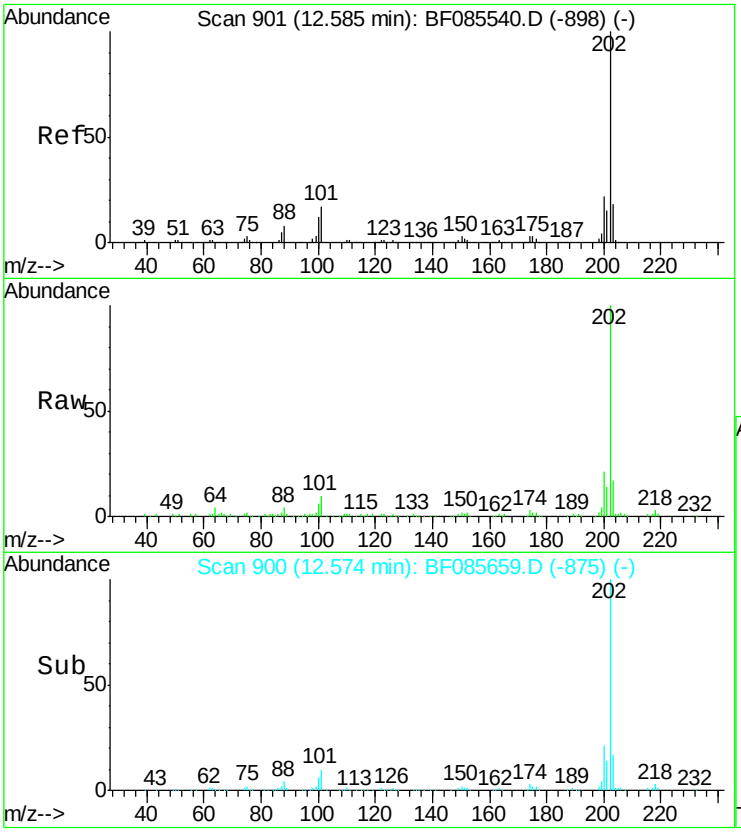


#71
Anthracene
Concen: 8.87 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:178 Resp: 130497

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.3	13.0	19.4



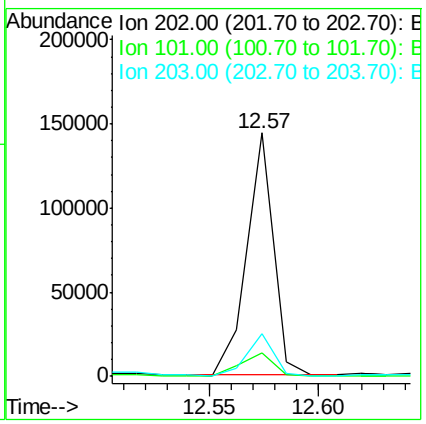


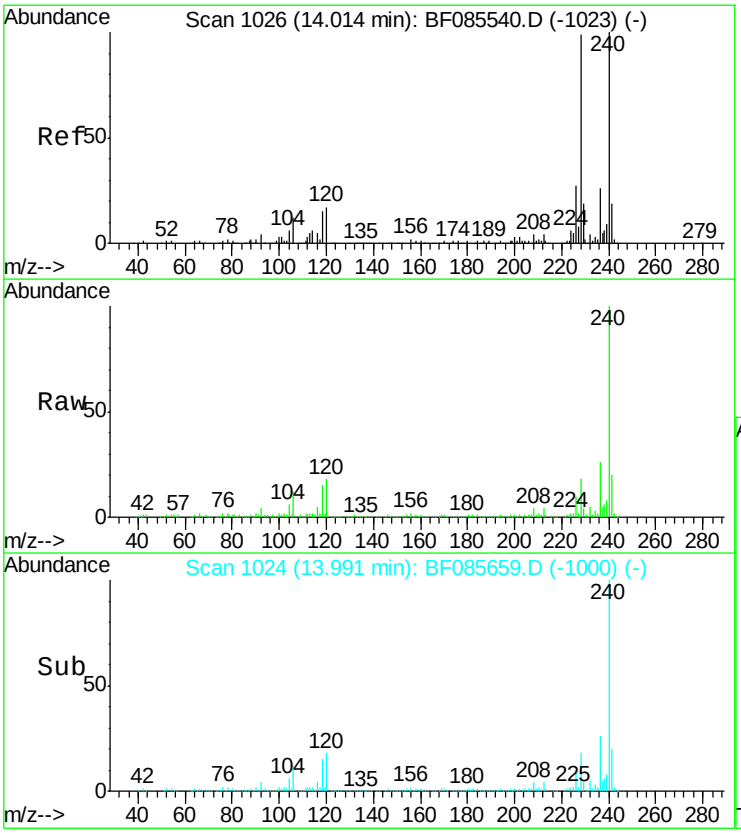
#74
Fluoranthene
Concen: 8.37 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 122915

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	36.6
203	17.4	0.0	38.1

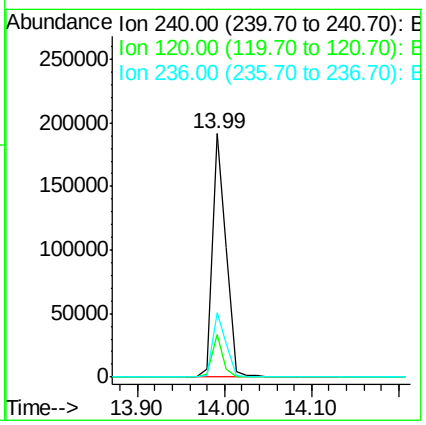


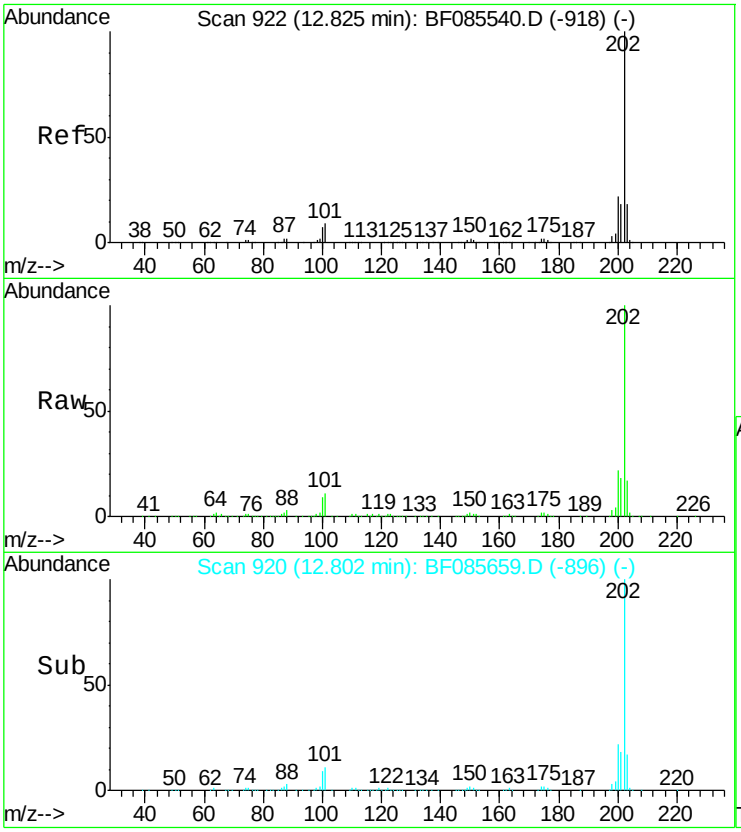


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:240 Resp: 212754

Ion	Ratio	Lower	Upper
240	100		
120	17.8	13.8	20.8
236	26.3	20.6	30.8



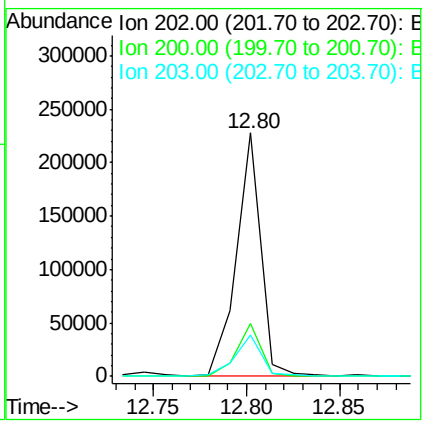


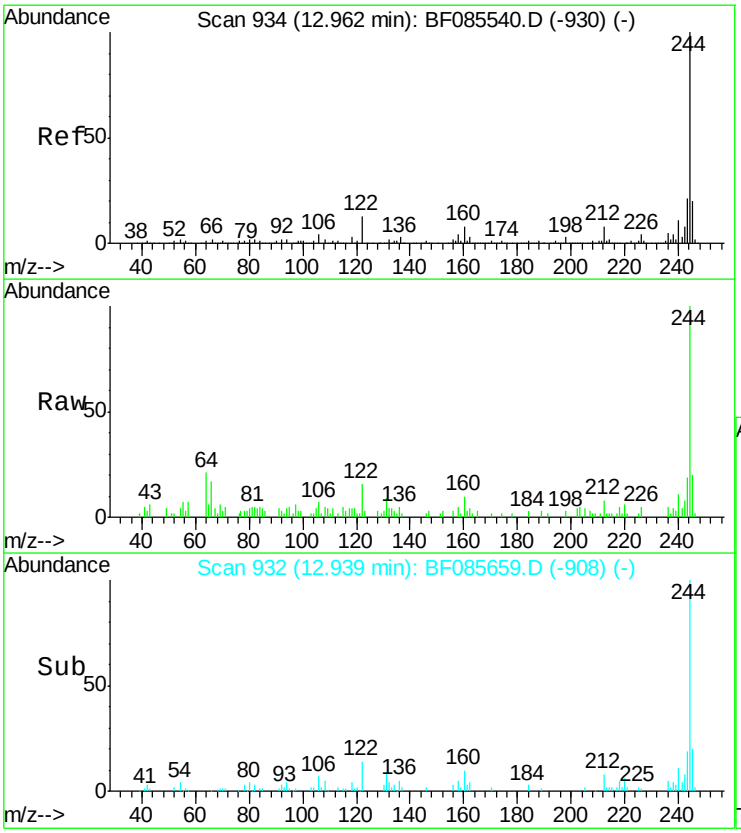
#77
Pyrene
Concen: 13.63 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 208283

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.0	14.0	21.0

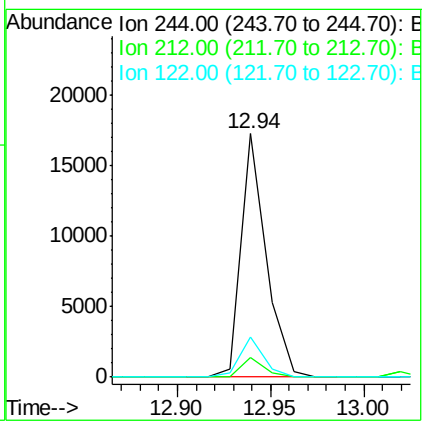


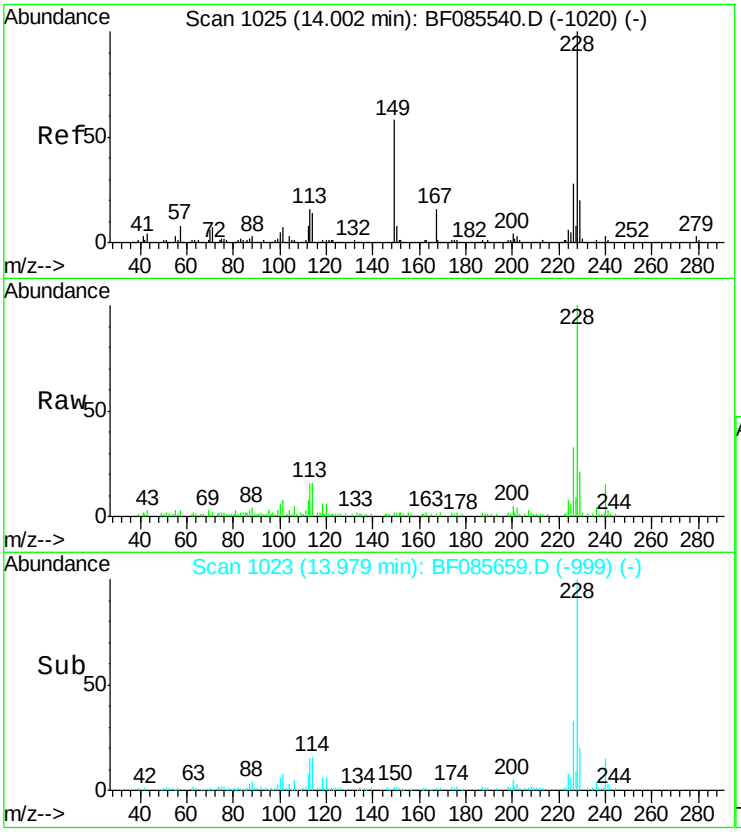


#78
Terphenyl-d14
Concen: 1.82 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:244 Resp: 16076

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	16.5	10.2	15.4#



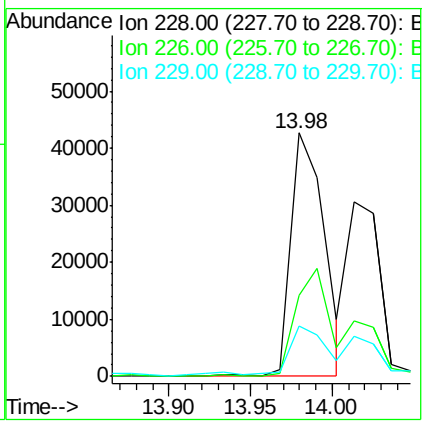


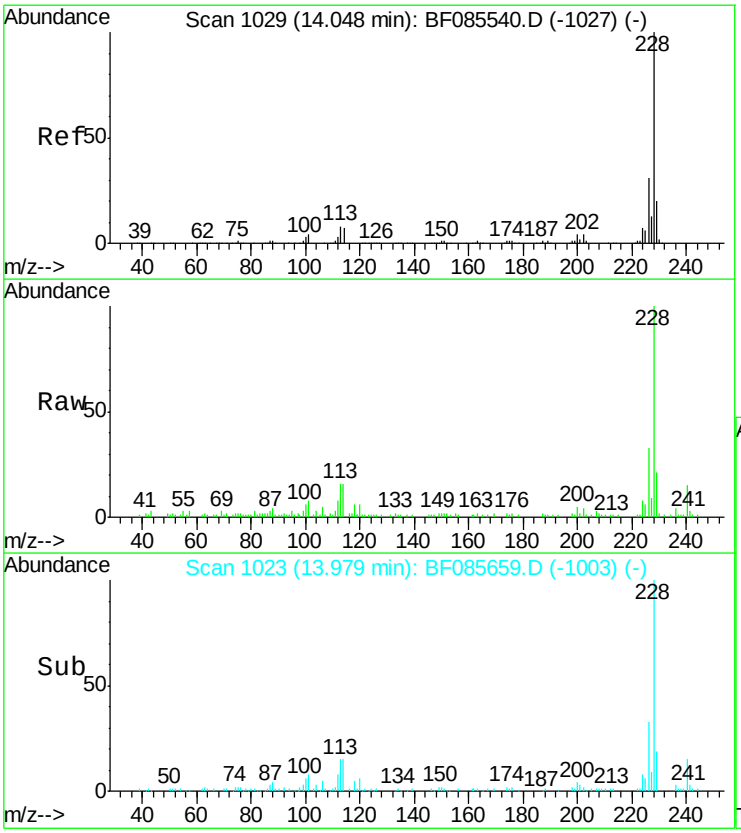
#80
Benzo(a)anthracene
Concen: 4.96 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61272

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.1	33.1#
229	20.7	16.2	24.4

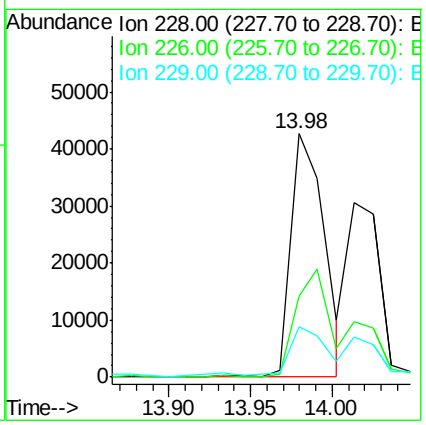


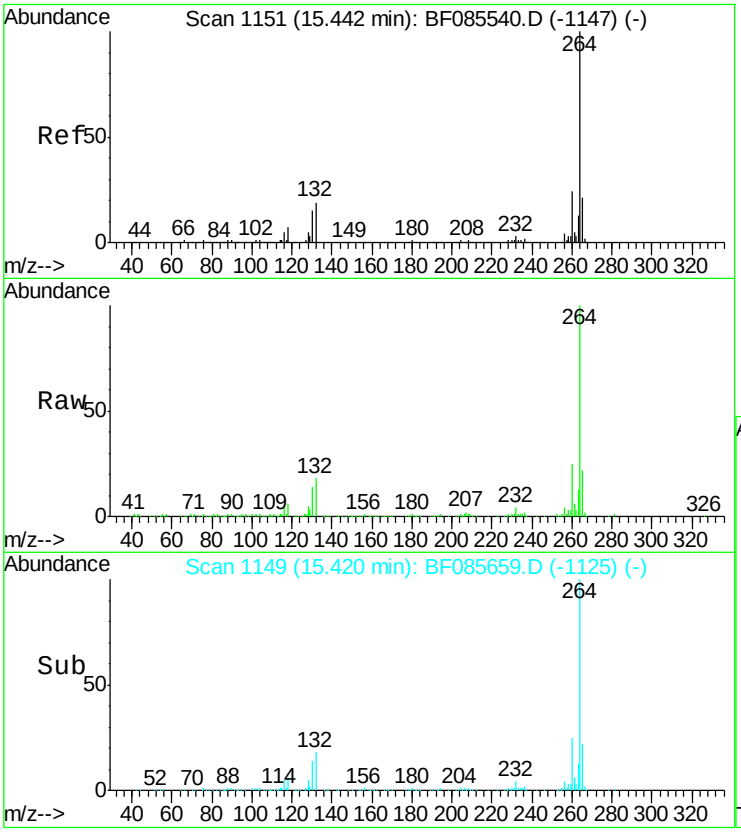


#82
Chrysene
Concen: 5.16 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.07 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:228 Resp: 61272

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	20.7	15.7	23.5



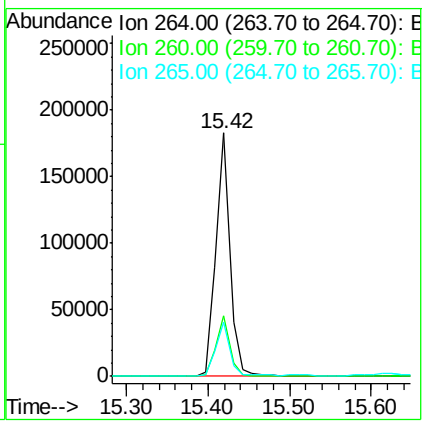


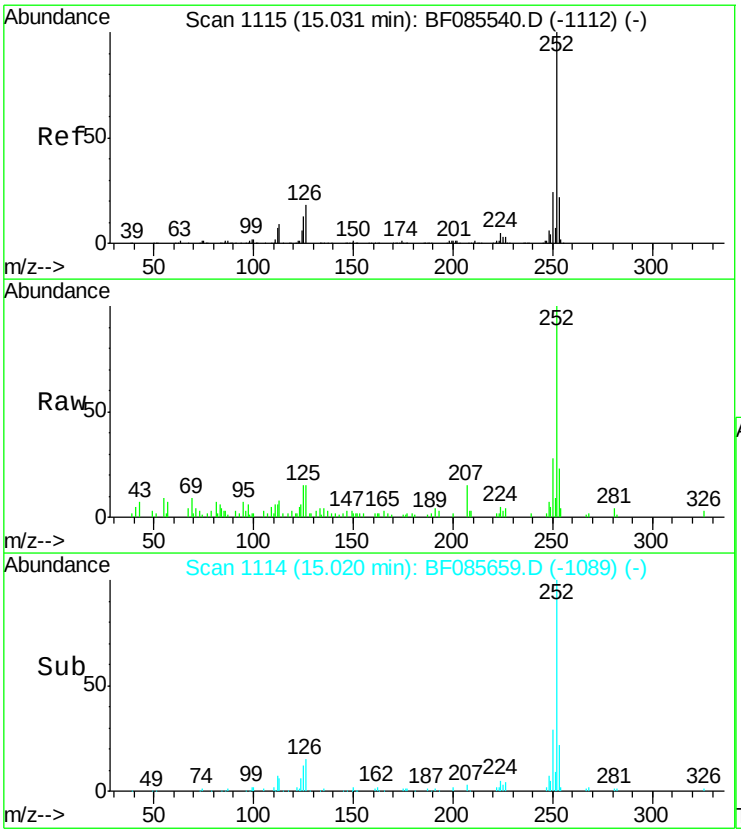
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 220489

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.3	17.2	25.8

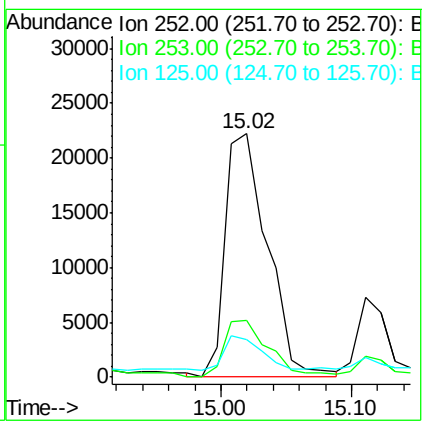


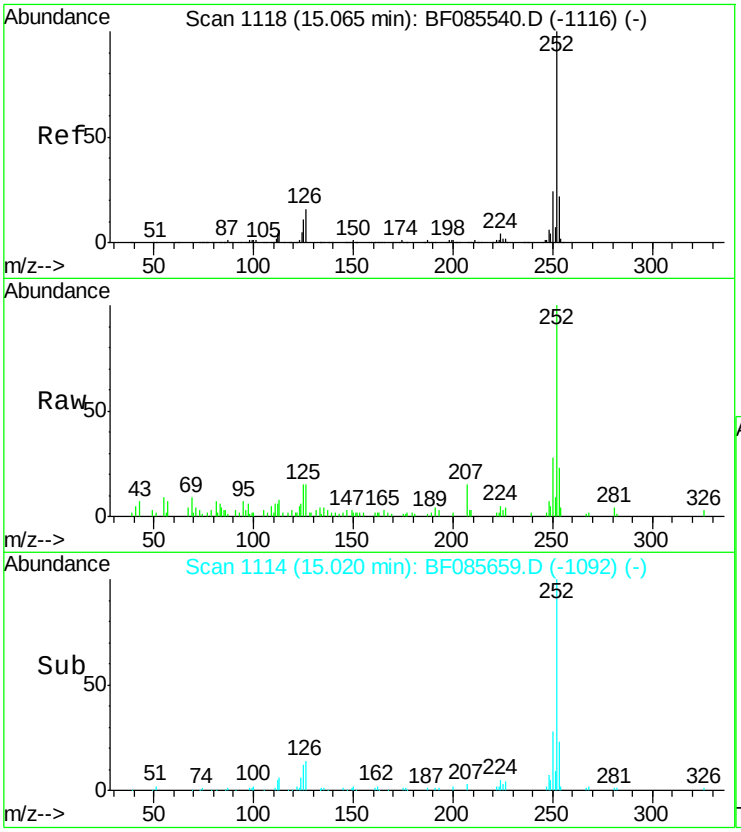


#87
Benzo(b)fluoranthene
Concen: 3.48 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:252 Resp: 50018

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	15.2	10.3	15.5



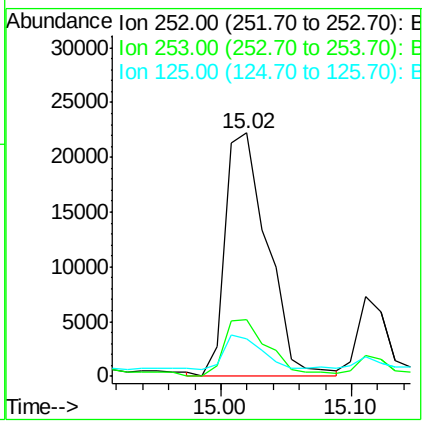


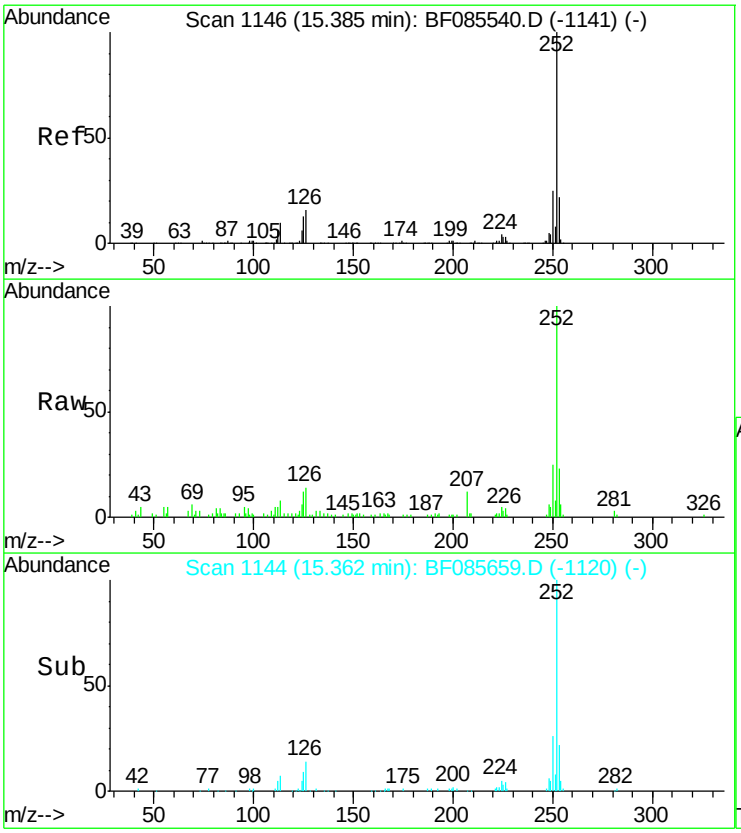
#88
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50018

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	15.2	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 3.91 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085659.D
Acq: 22 Mar 2016 10:48

Tgt Ion:252 Resp: 47732

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.6	10.3	15.5