Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
Data File : BF085842.D
Acq On : 29 Mar 2016 10:19
Operator : UM/SJ
Sample : H1834-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 11:12:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111726	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	416588	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	186769	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	307478	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	185265	20.00	ng		0.00
86) Perylene-d12	15.40	264	211348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	896651	133.66	ng		0.01
7) Phenol-d6	6.46	99	1101860	129.18	ng		0.00
23) Nitrobenzene-d5	7.38	82	738037	99.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	243738	137.35	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1087176	97.25	ng		-0.01
78) Terphenyl-d14	12.93	244	801761	89.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	18683	3.64	ng		84
15) Benzyl Alcohol	6.97	79	12653	2.22	ng	#	44
19) n-Nitroso-di-n-propylamine	7.38	70	101319	19.84	ng	#	77
49) Dimethylphthalate	9.58	163	426836	30.12	ng		98
51) Acenaphthene	9.89	154	36318	3.15	ng		98
57) Fluorene	10.40	166	43385	3.50	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	15196	4.83	ng	#	1
70) Phenanthrene	11.36	178	532635	33.74	ng		99
71) Anthracene	11.42	178	133014	8.03	ng		98
72) Carbazole	11.57	167	86189	6.19	ng		99
73) Di-n-butylphthalate	11.90	149	44268	2.32	ng		99
74) Fluoranthene	12.55	202	592107	35.28	ng		94
77) Pyrene	12.78	202	582963	38.28	ng		99
80) Benzo(a)anthracene	13.97	228	315356	29.85	ng		96
82) Chrysene	13.97	228	315356	29.64	ng		95
85) Indeno(1,2,3-cd)pyrene	16.78	276	129674	15.78	ng		94
87) Benzo(b)fluoranthene	14.99	252	405590	30.46	ng		98
88) Benzo(k)fluoranthene	14.99	252	405590	33.79	ng	#	95
89) Benzo(a)pyrene	15.34	252	243600	20.61	ng	#	95
90) Dibenzo(a,h)anthracene	16.78	278	33312	3.03	ng	#	81
91) Benzo(g,h,i)perylene	17.19	276	130324	11.72	ng		97

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

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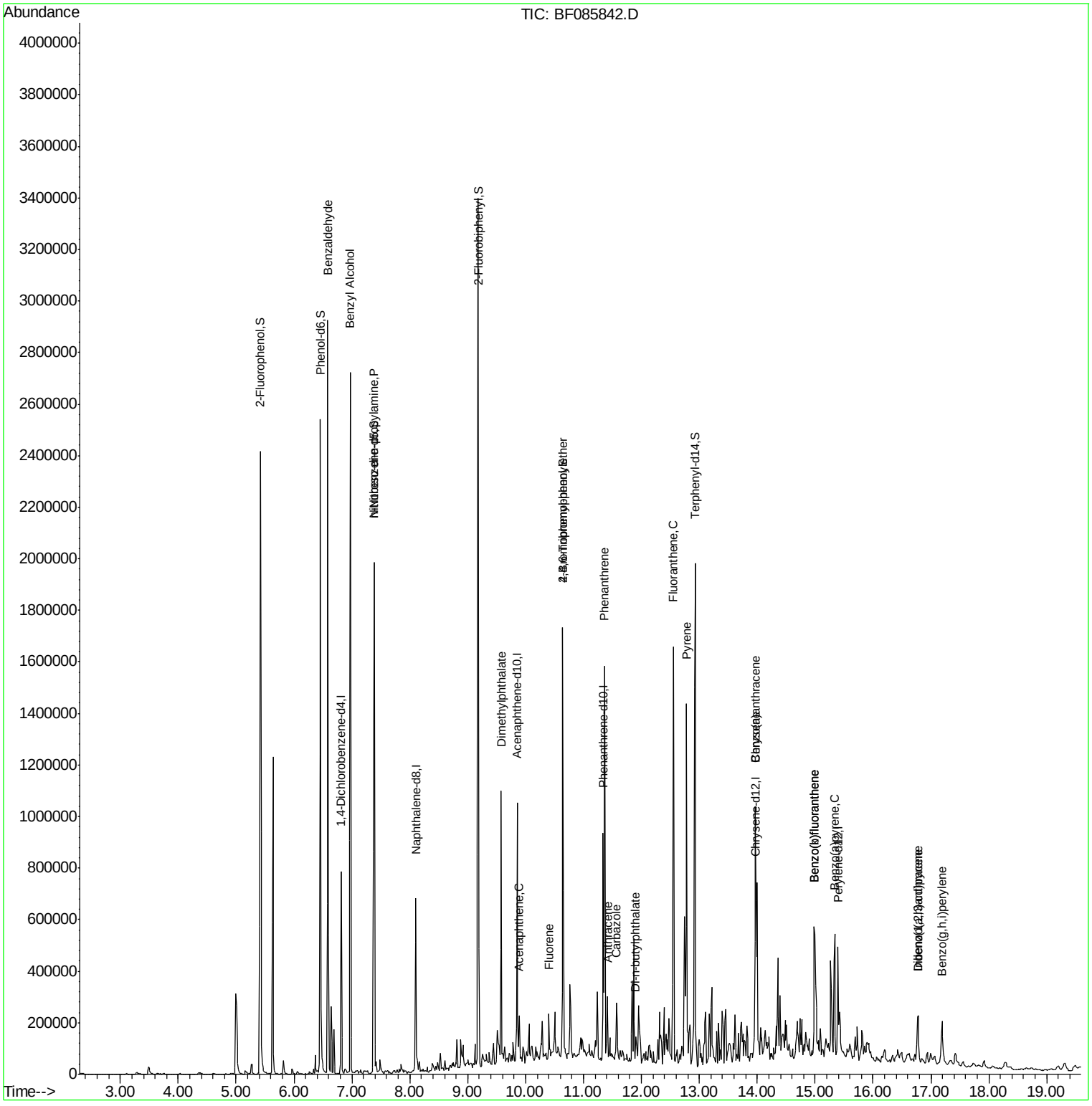
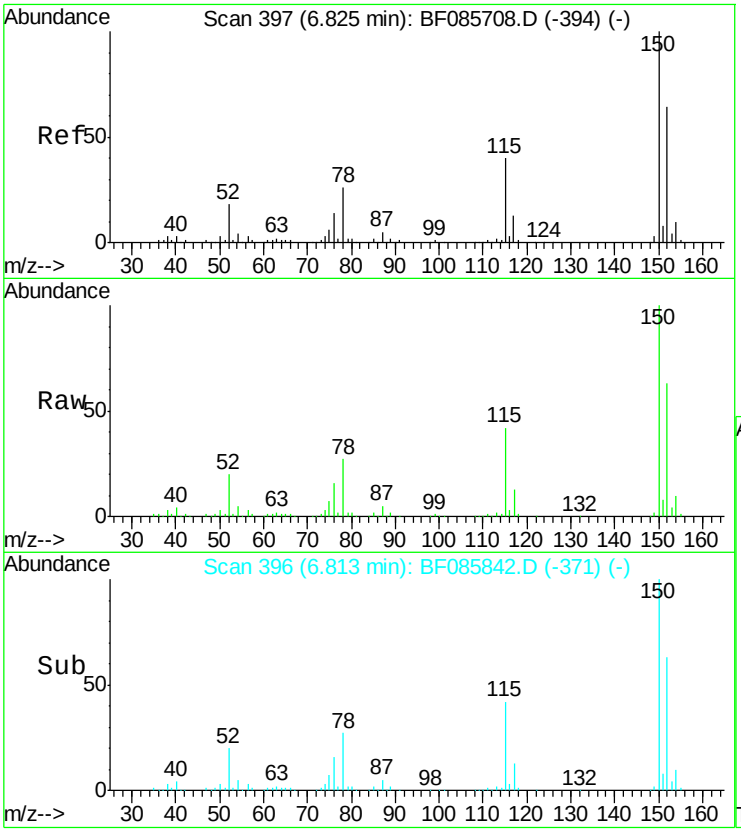


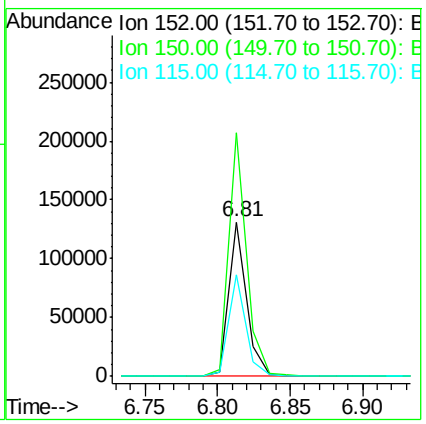


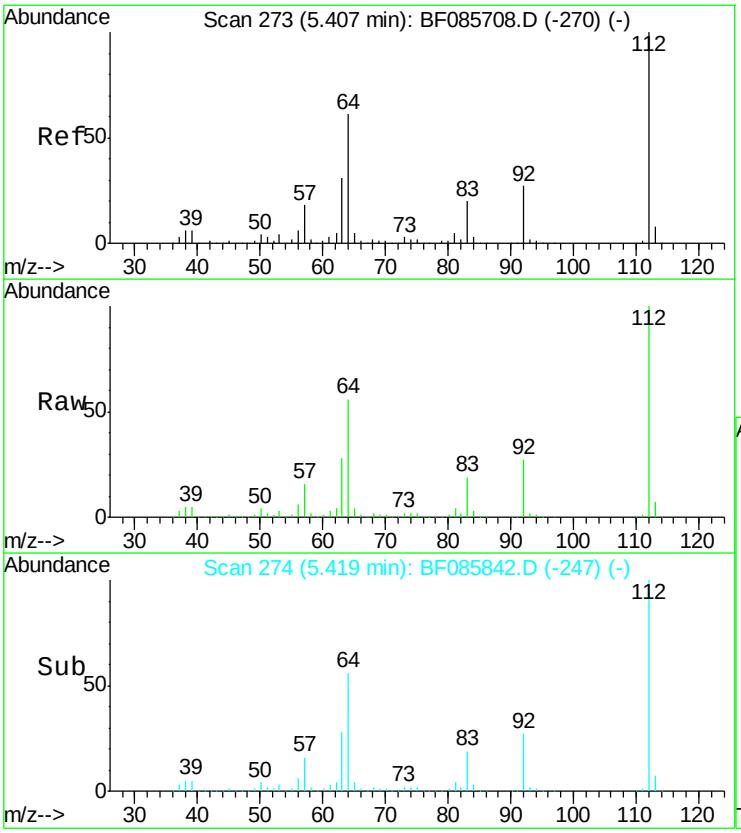
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111726

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.2
115	65.8	47.0	70.6

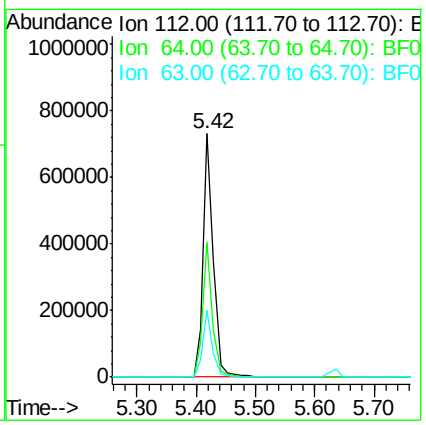


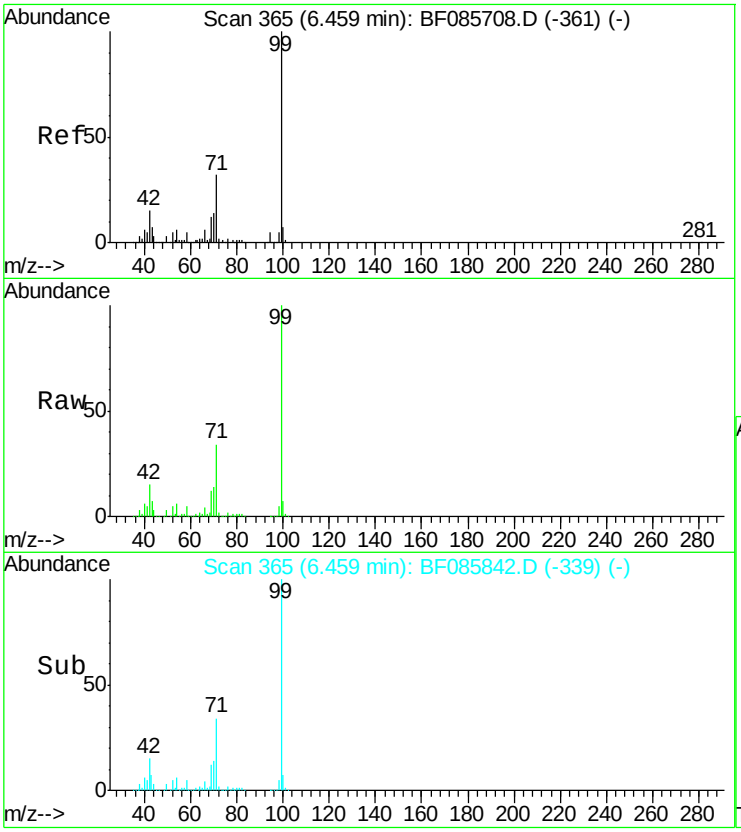


#5
2-Fluorophenol
Concen: 133.66 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:112 Resp: 896651

Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	27.8	20.2	30.2



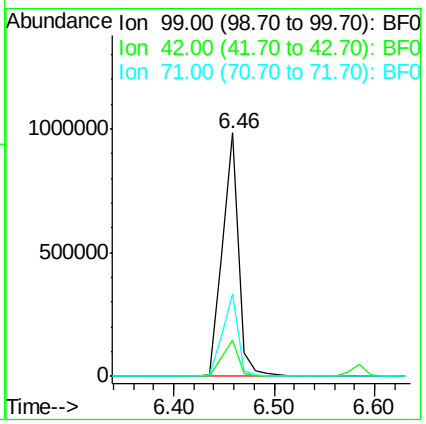


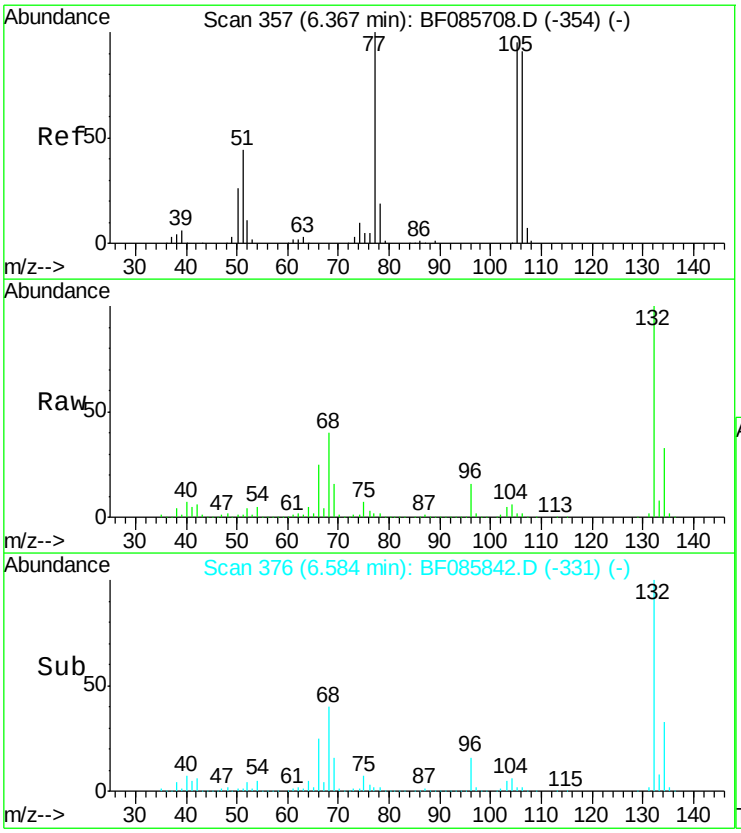
#7
Phenol-d6
Concen: 129.18 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1101860

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.1	16.7
71	33.6	24.9	37.3

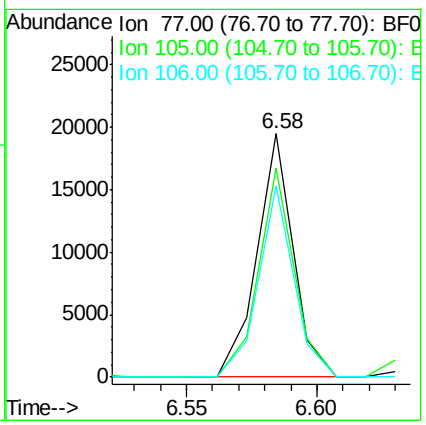


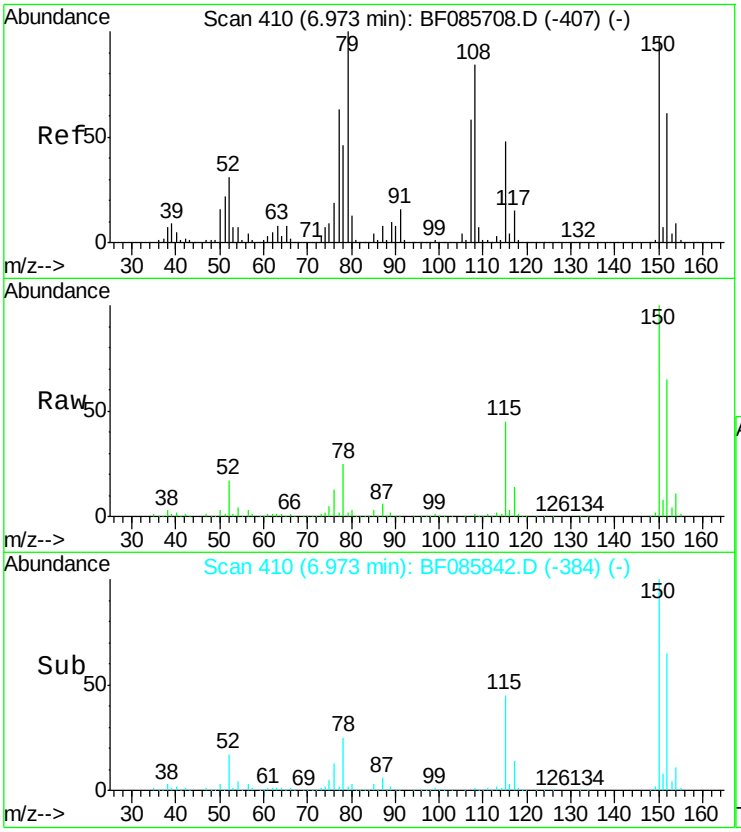


#9
Benzaldehyde
Concen: 3.64 ng
RT: 6.58 min Scan# 376
Delta R.T. 0.22 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion: 77 Resp: 18683

Ion	Ratio	Lower	Upper
77	100		
105	85.6	80.1	120.1
106	78.3	75.0	115.0



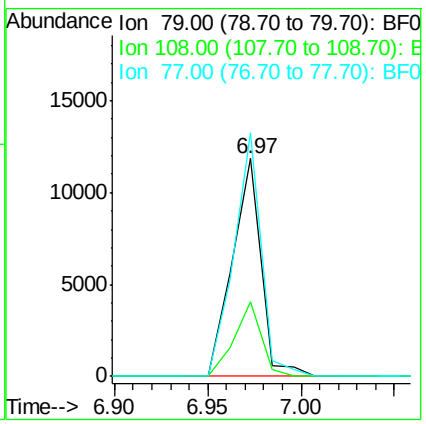


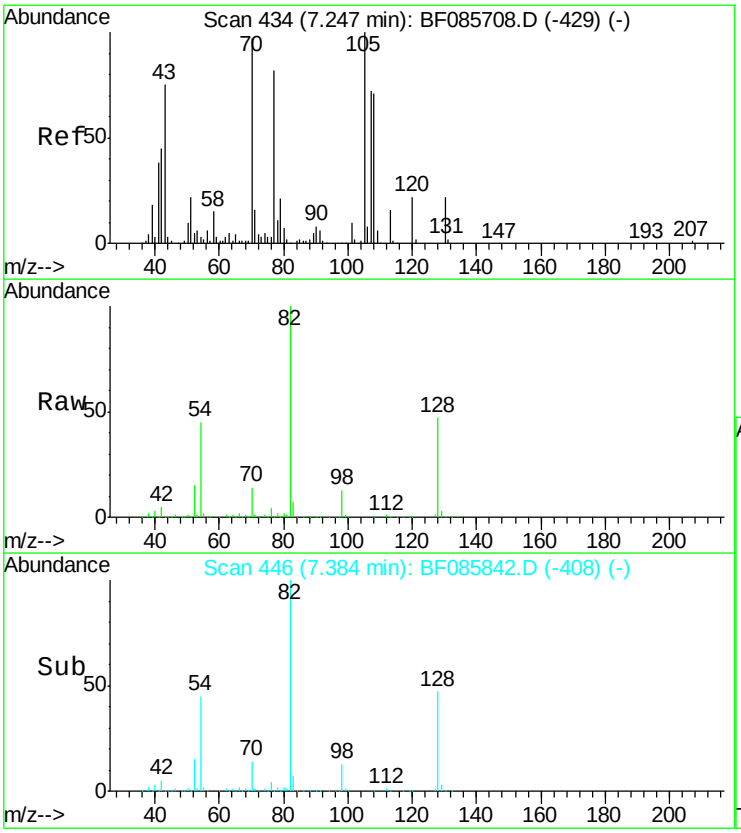
#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 12653

Ion	Ratio	Lower	Upper
79	100		
108	34.2	61.8	92.6#
77	111.9	49.6	74.4#

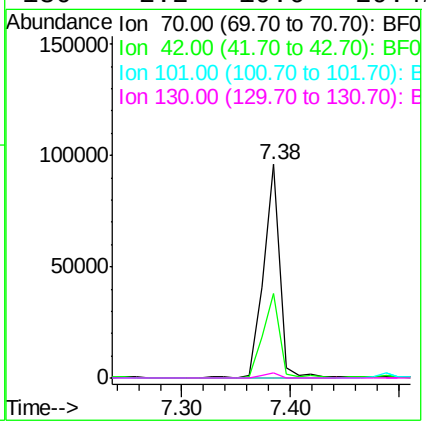


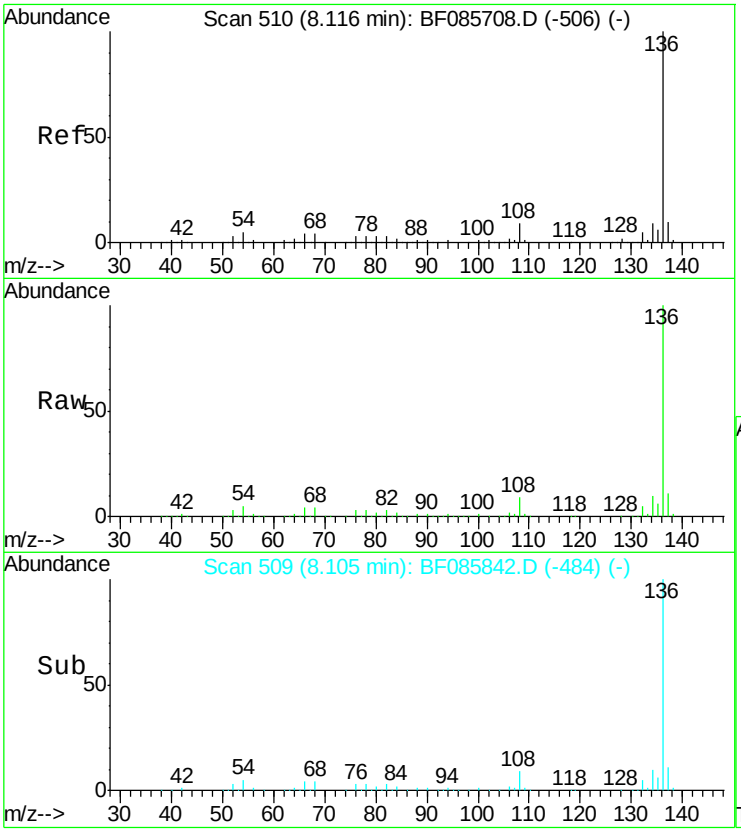


#19
n-Nitroso-di-n-propylamine
Concen: 19.84 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion: 70 Resp: 101319

Ion	Ratio	Lower	Upper
70	100		
42	39.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#



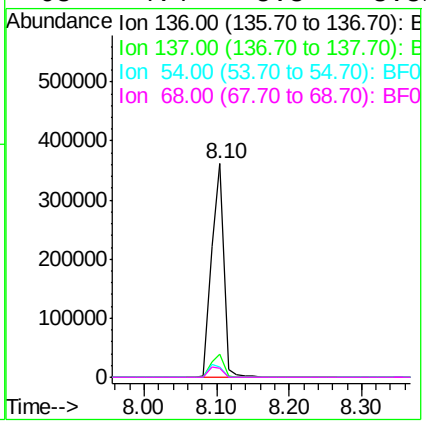


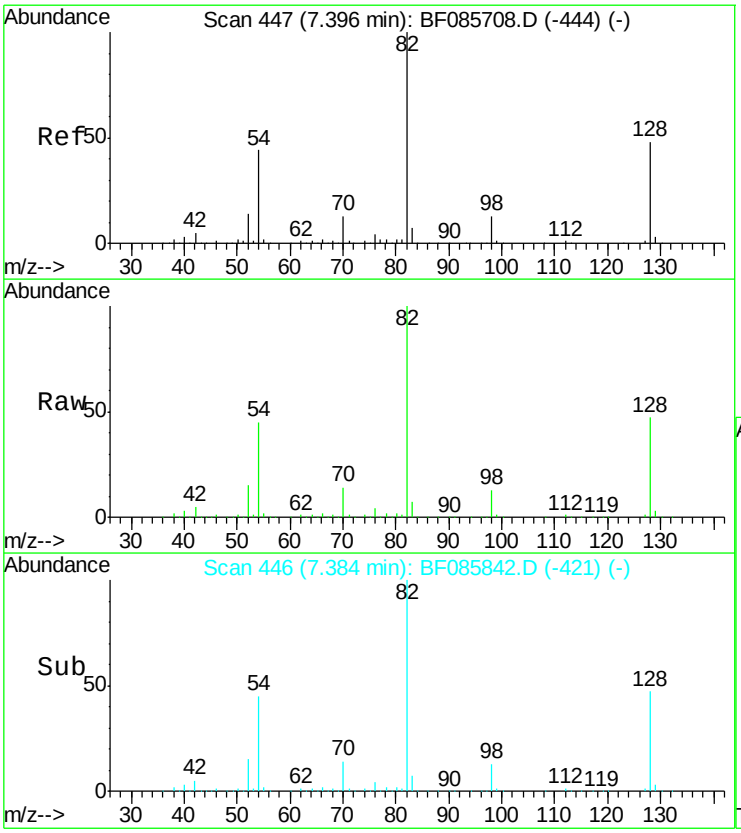
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 416588

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#

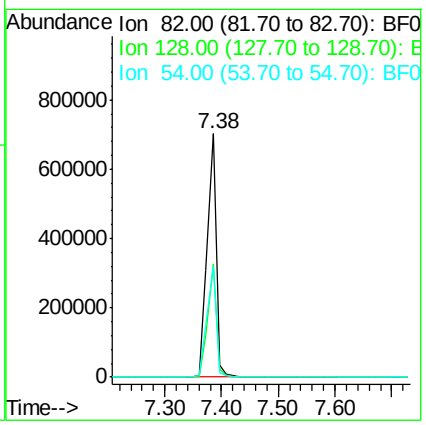


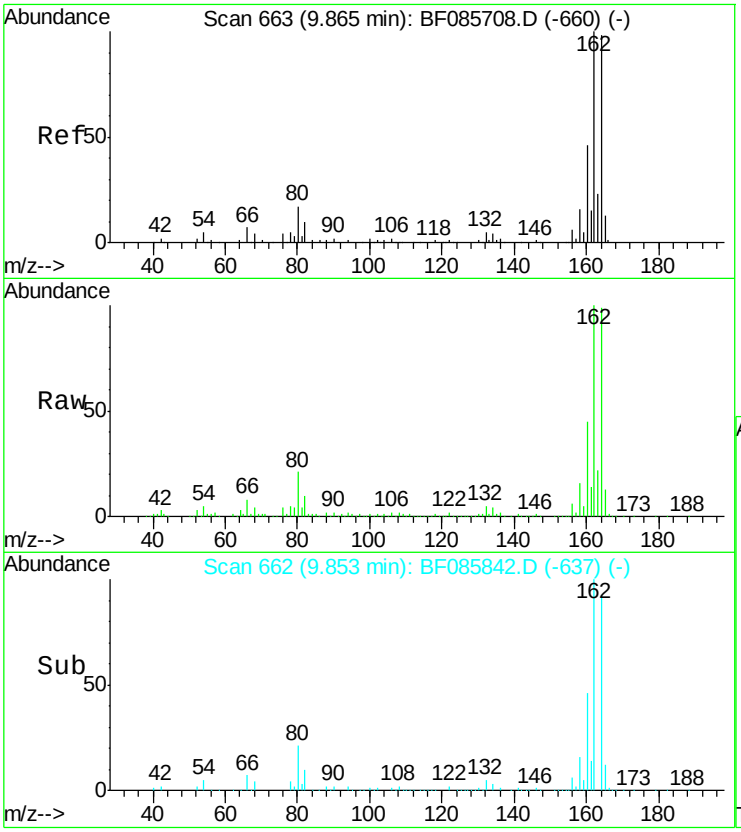


#23
Nitrobenzene-d5
Concen: 99.77 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion: 82 Resp: 738037

Ion	Ratio	Lower	Upper
82	100		
128	46.6	41.8	62.8
54	45.2	33.4	50.0



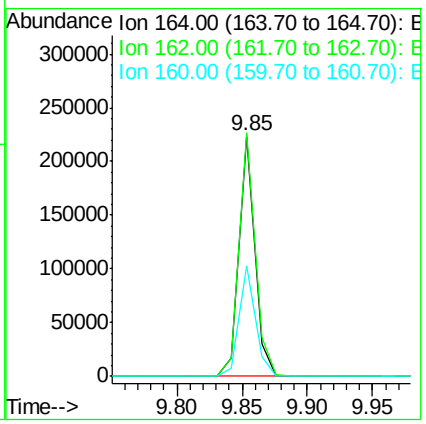


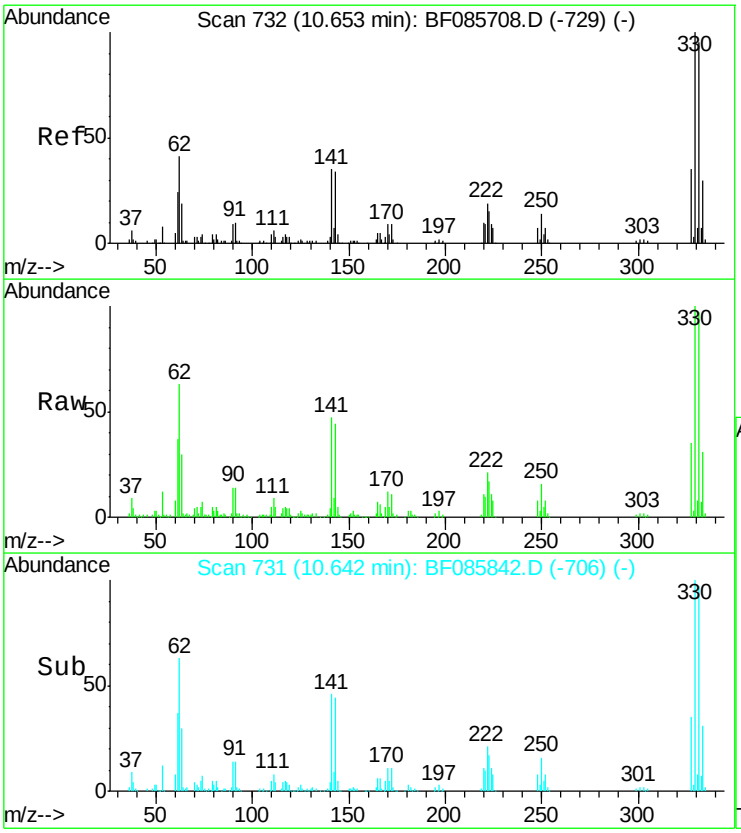
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 186769

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	46.0	37.4	56.2

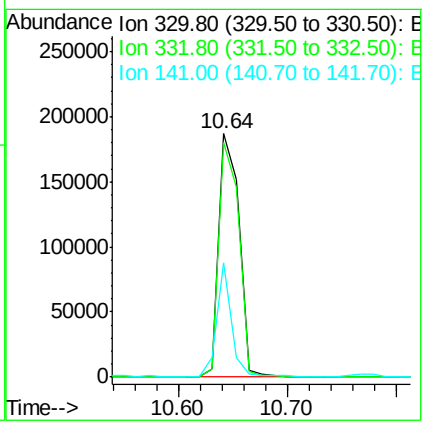


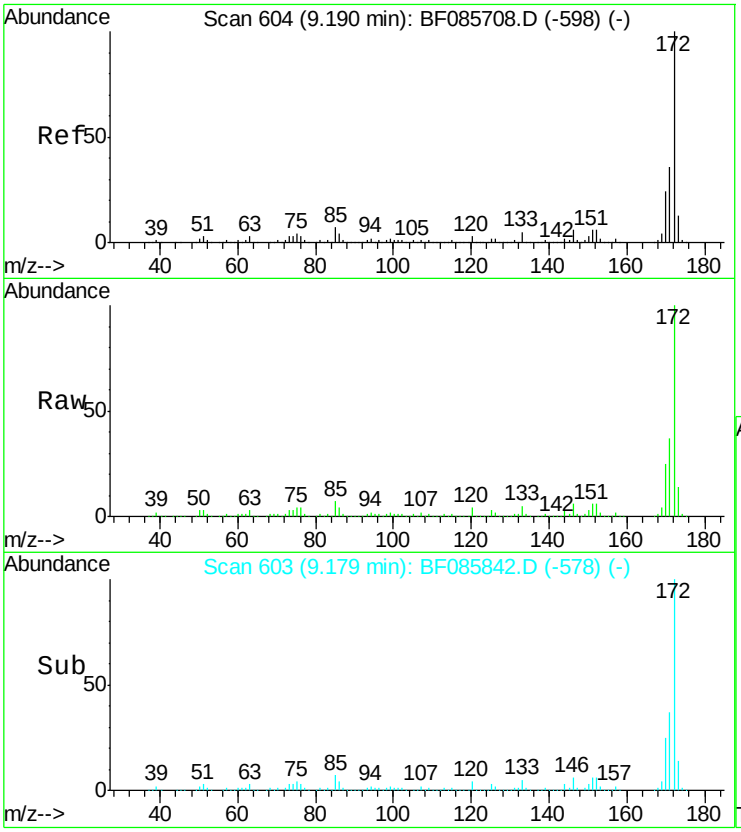


#41
2,4,6-Tribromophenol
Concen: 137.35 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:330 Resp: 243738

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	34.1	31.5	47.3



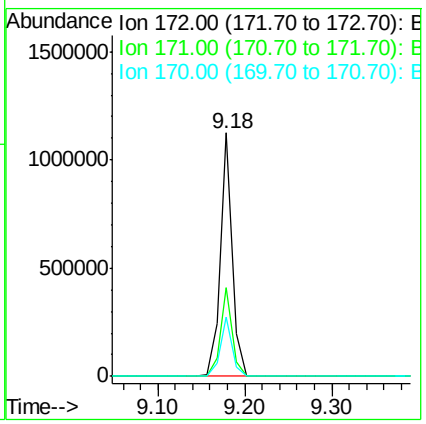


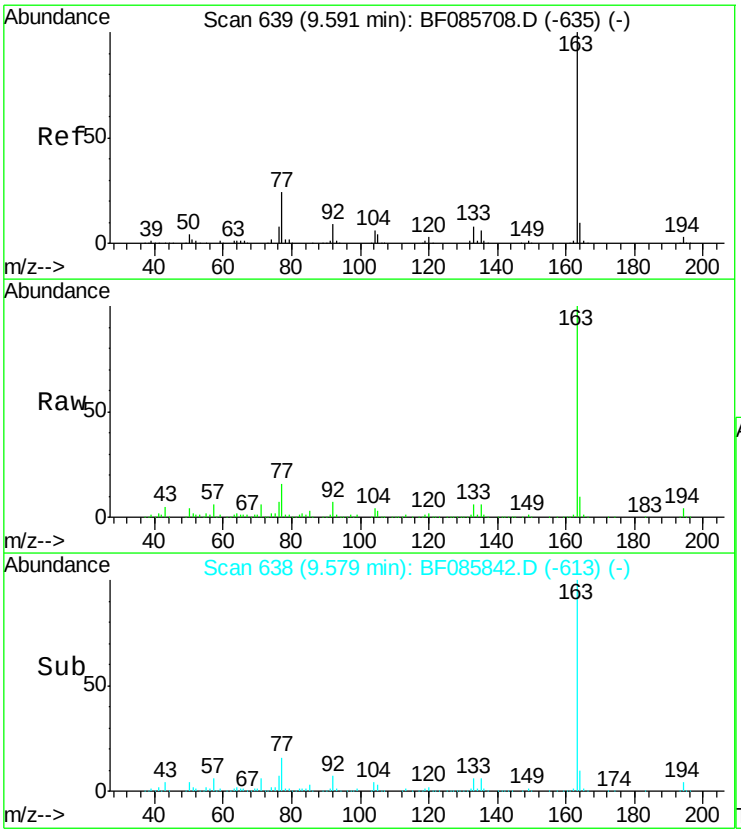
#44
2-Fluorobiphenyl
Concen: 97.25 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1087176

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6

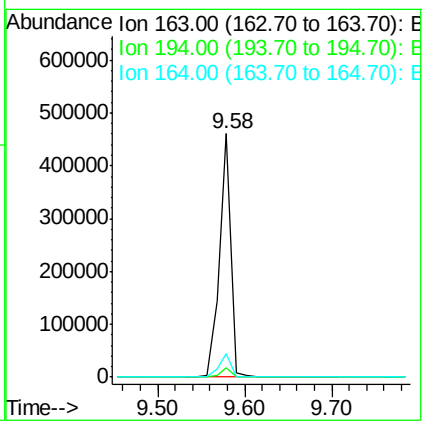


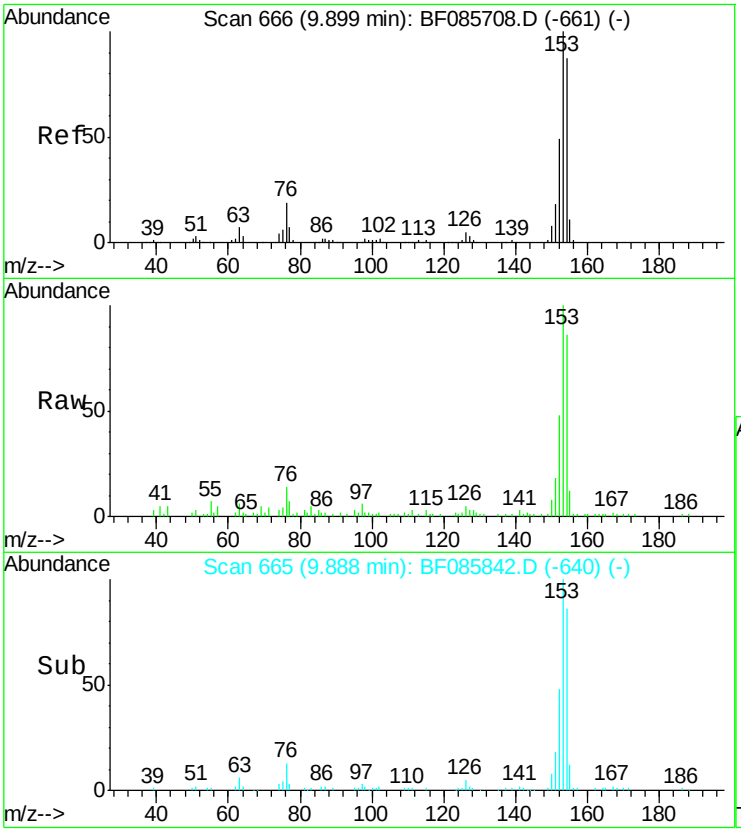


#49
Dimethylphthalate
Concen: 30.12 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:163 Resp: 426836

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.6	8.3	12.5



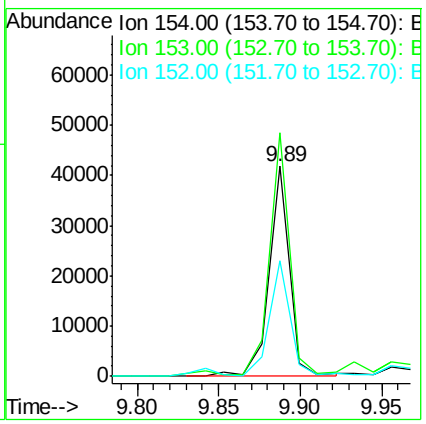


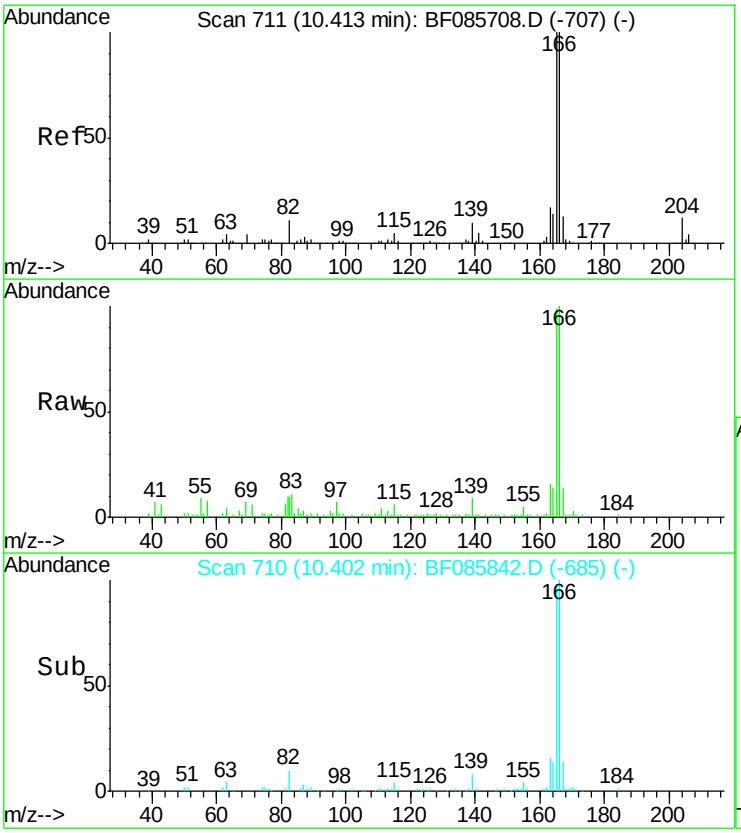
#51
Acenaphthene
Concen: 3.15 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 36318

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.1	135.1
152	55.3	44.2	66.2

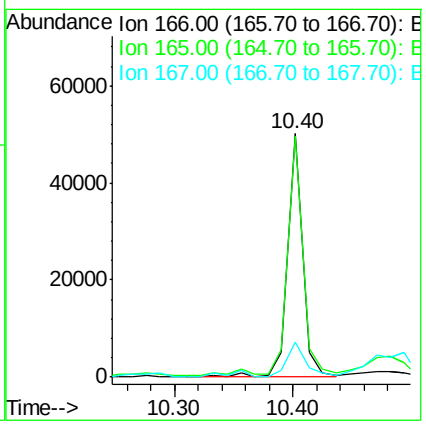


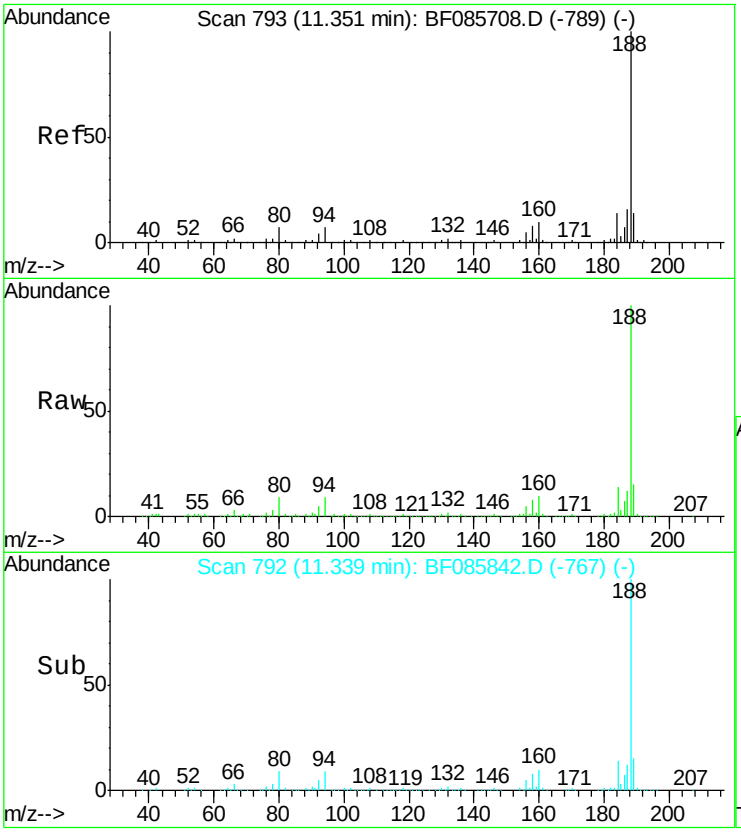


#57
Fluorene
Concen: 3.50 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:166 Resp: 43385

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	14.2	11.0	16.4



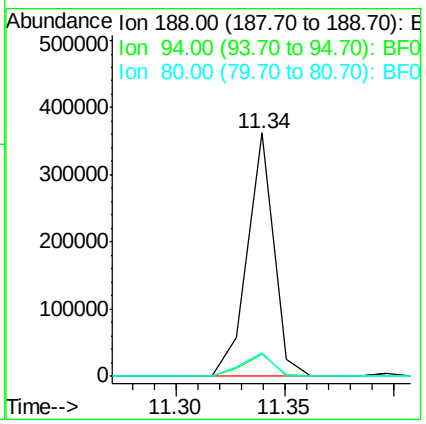


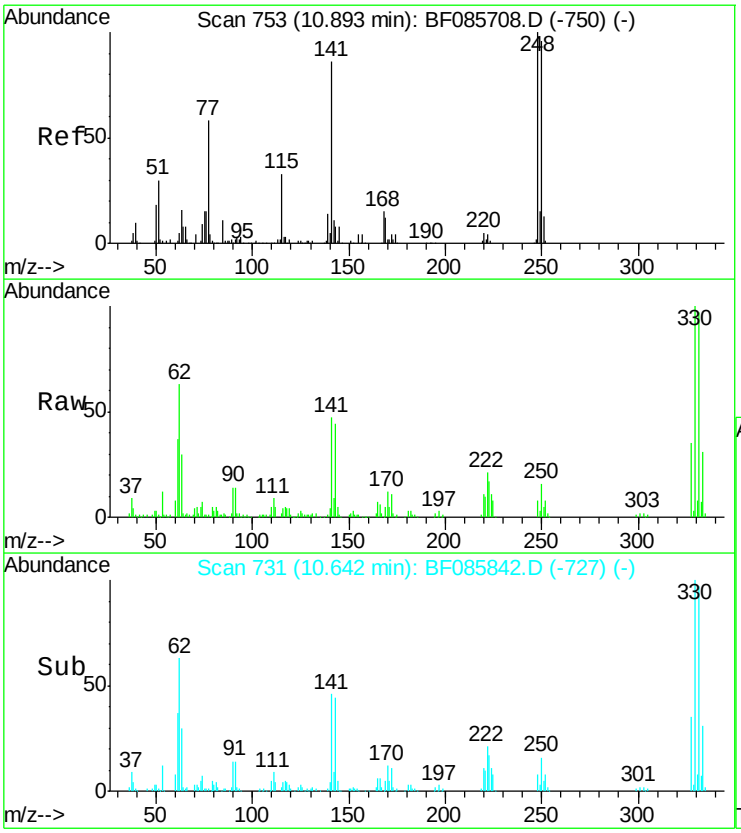
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 307478

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.4	8.0#
80	9.4	5.5	8.3#

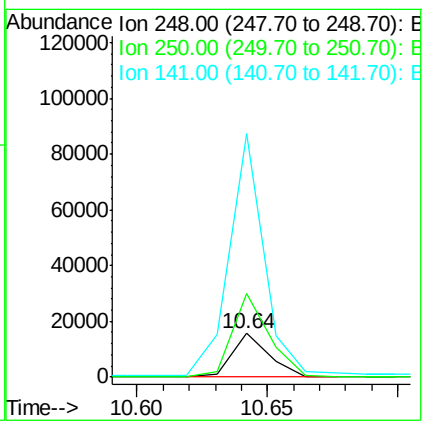


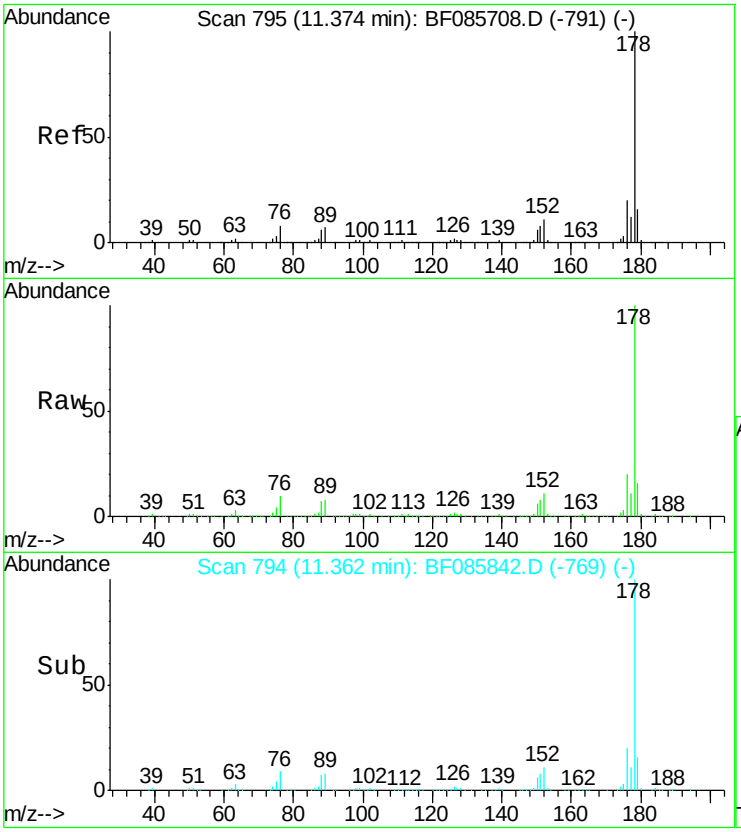


#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:248 Resp: 15196

Ion	Ratio	Lower	Upper
248	100		
250	192.0	77.4	116.0#
141	558.5	63.6	95.4#



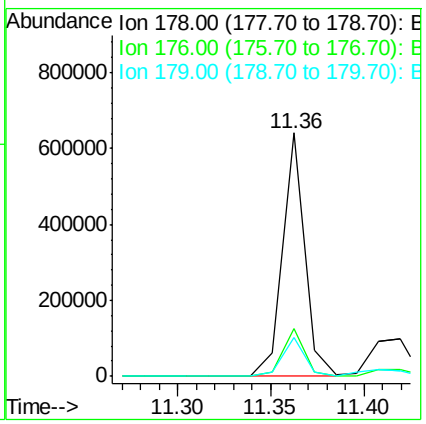


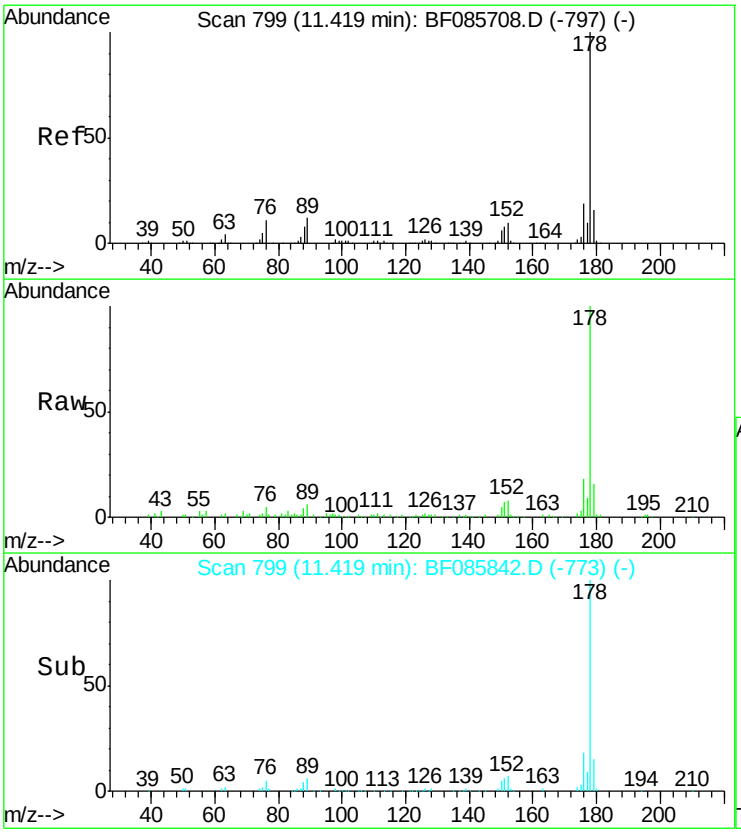
#70
Phenanthrene
Concen: 33.74 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 532635

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.7	12.6	18.8

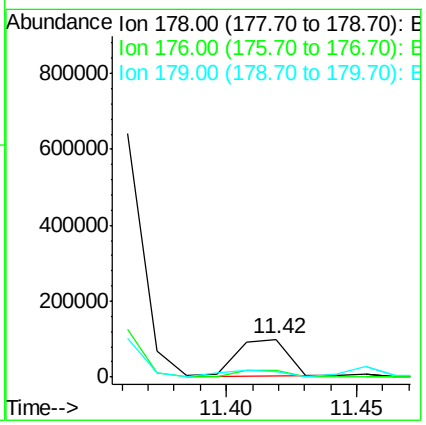


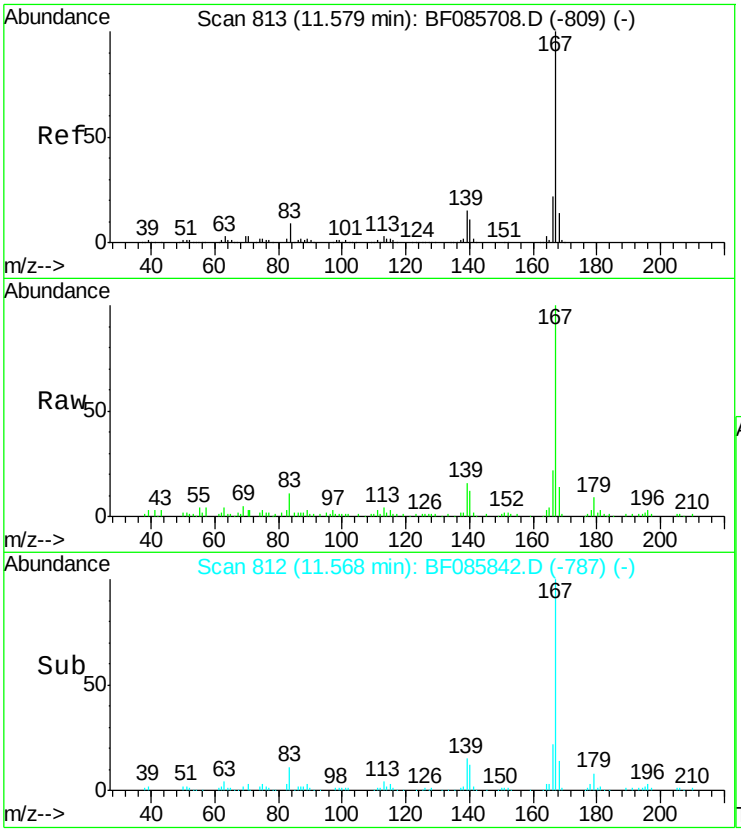


#71
Anthracene
Concen: 8.03 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:178 Resp: 133014

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.6	13.0	19.4



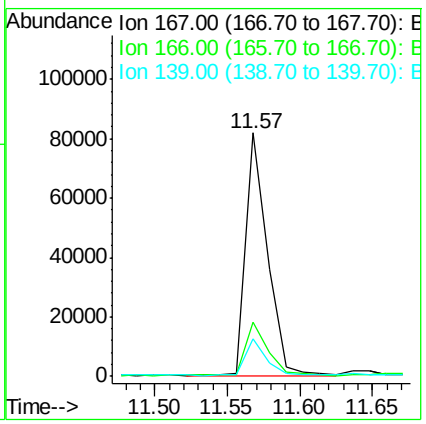


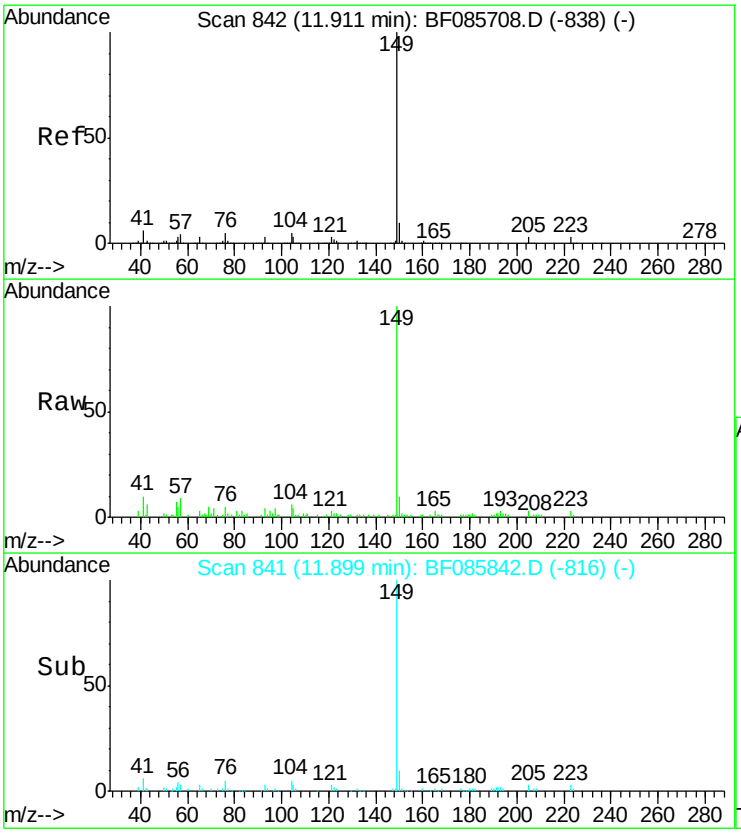
#72
Carbazole
Concen: 6.19 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 86189

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	15.7	11.6	17.4

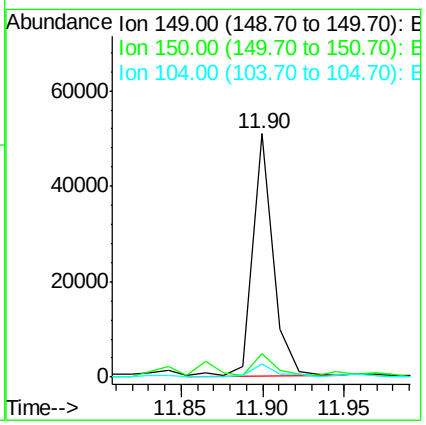


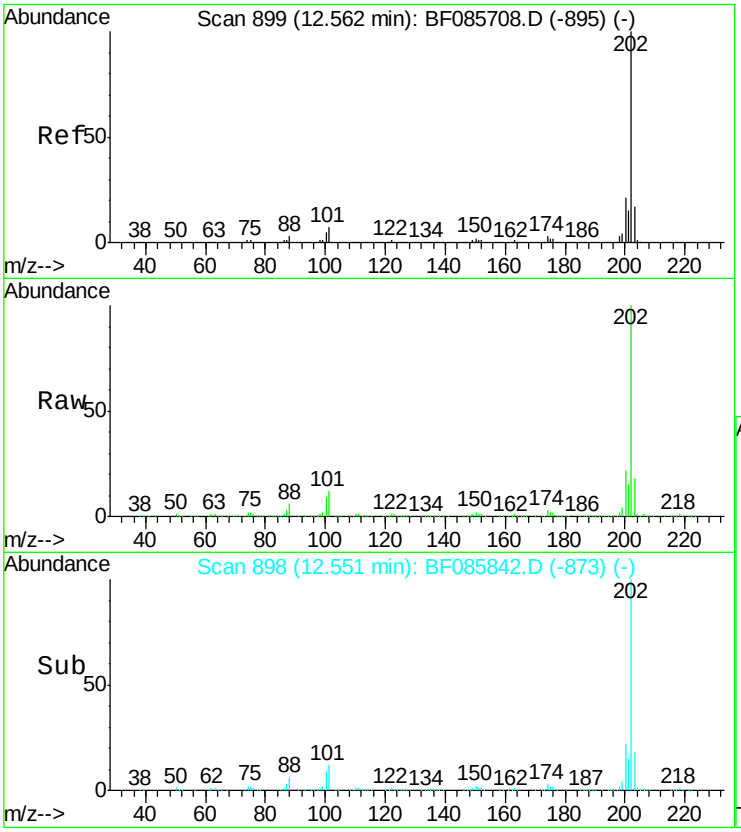


#73
Di-n-butylphthalate
Concen: 2.32 ng
RT: 11.90 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:149 Resp: 44268

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.6	3.8	5.8



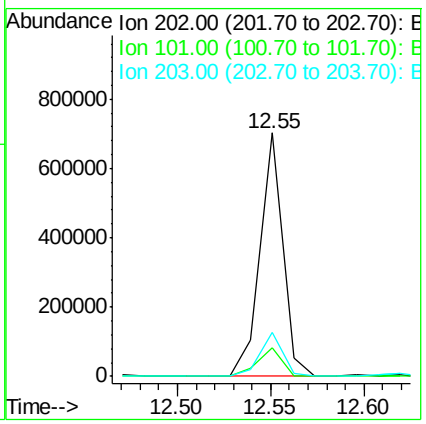


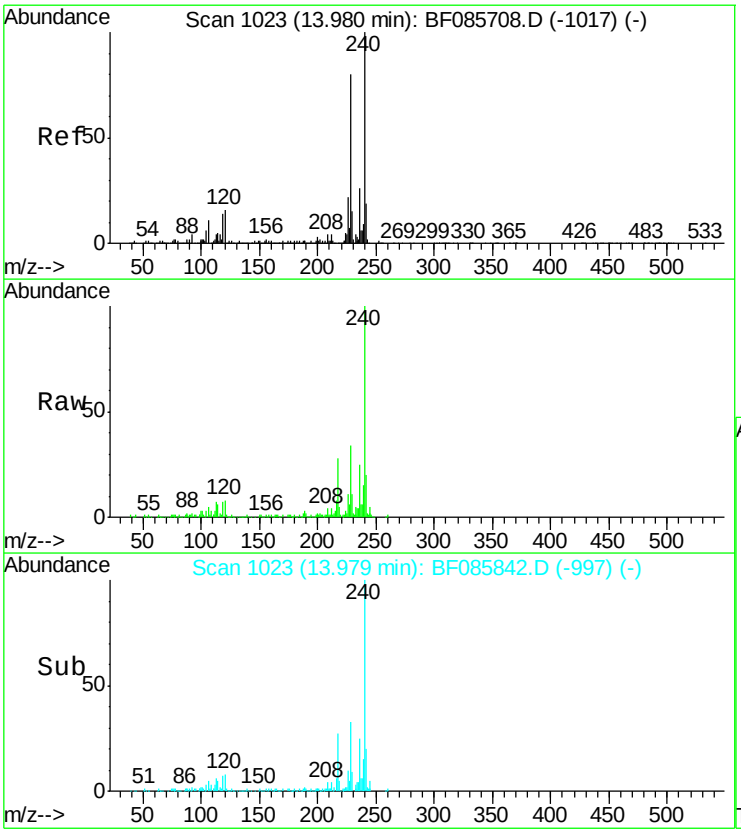
#74
Fluoranthene
Concen: 35.28 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 592107

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	36.6
203	17.9	0.0	38.1

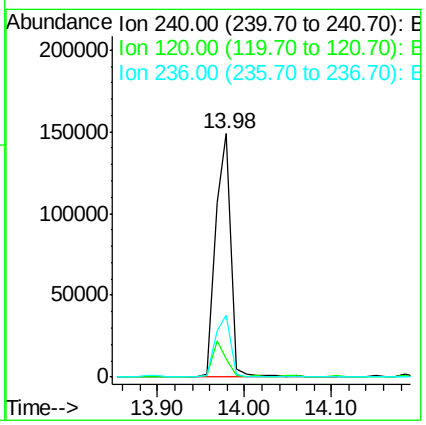


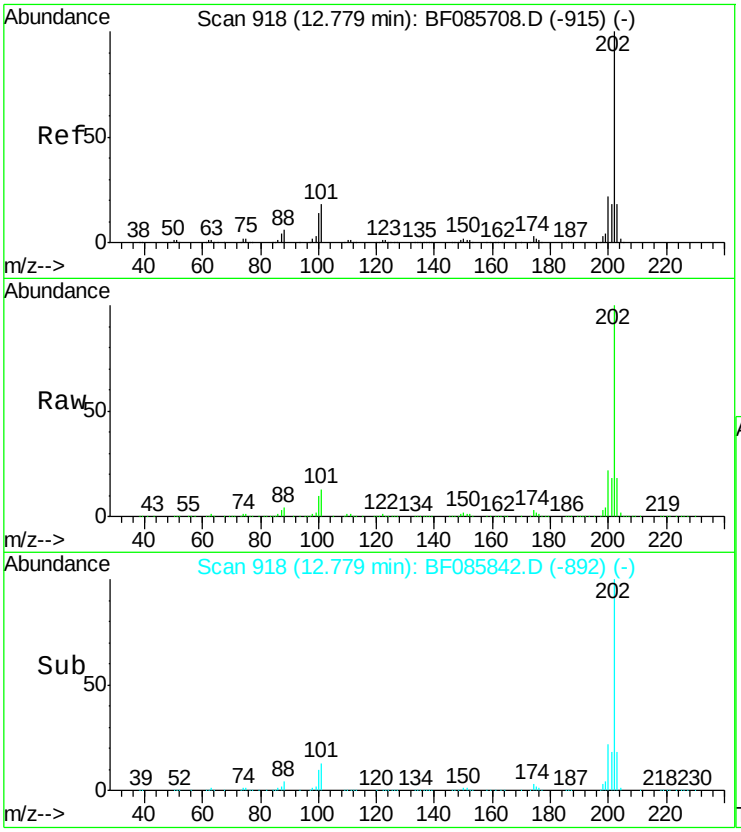


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:240 Resp: 185265

Ion	Ratio	Lower	Upper
240	100		
120	7.8	13.8	20.8#
236	25.3	20.6	30.8



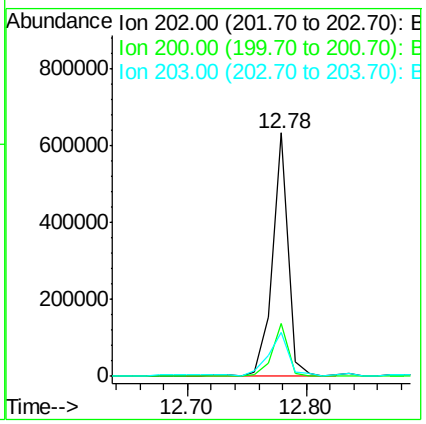


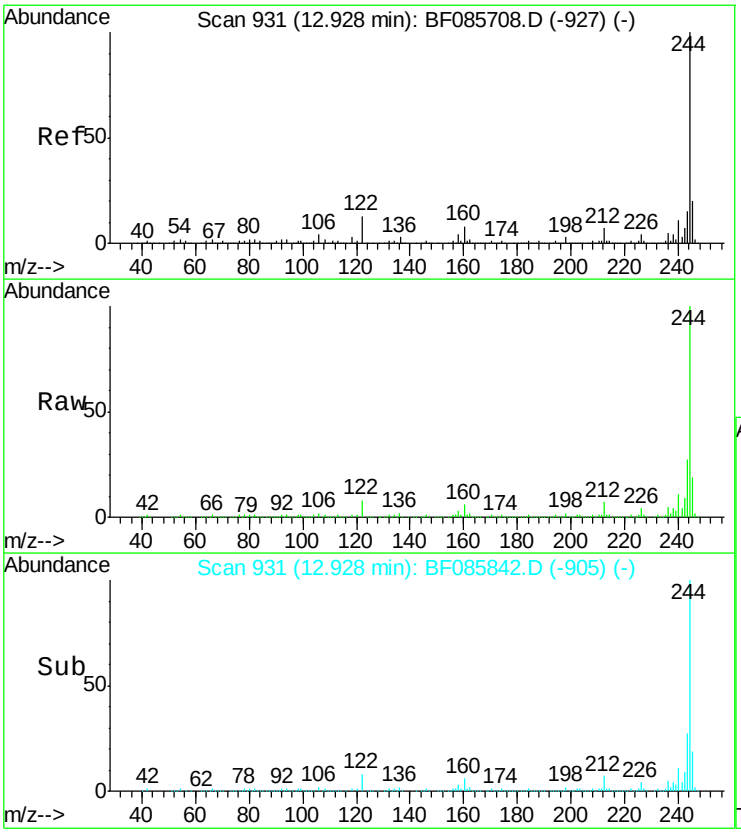
#77
Pyrene
Concen: 38.28 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 582963

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.0	21.0

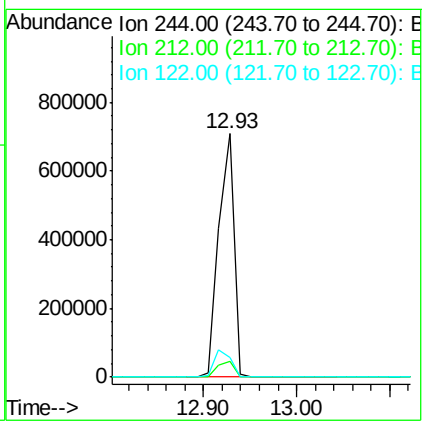


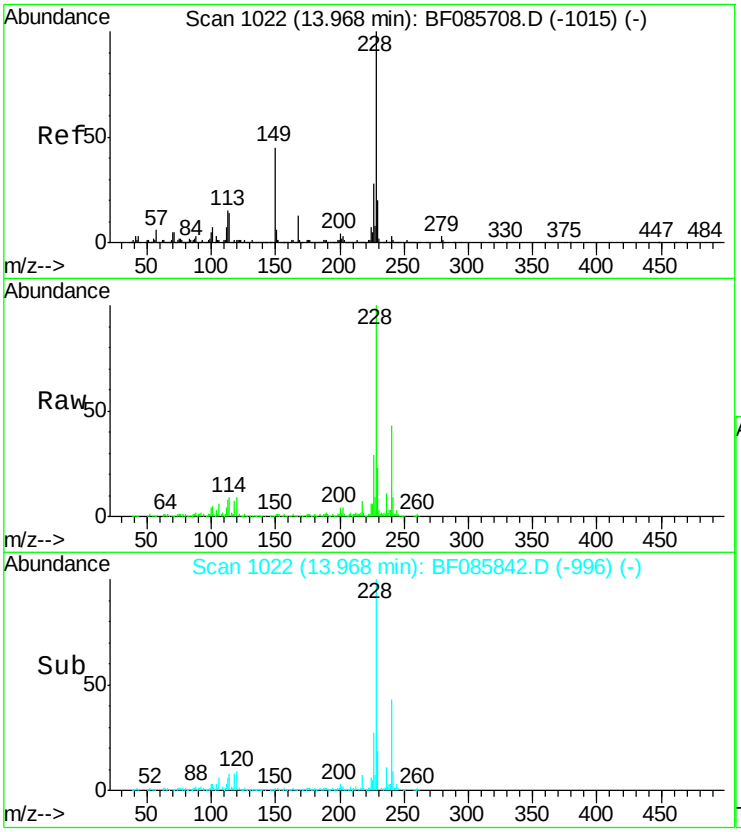


#78
Terphenyl-d14
Concen: 89.00 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:244 Resp: 801761

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	7.8	10.2	15.4#



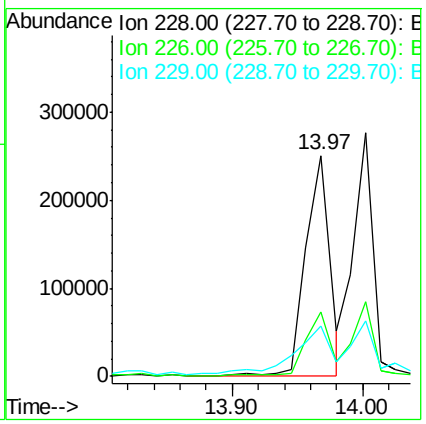


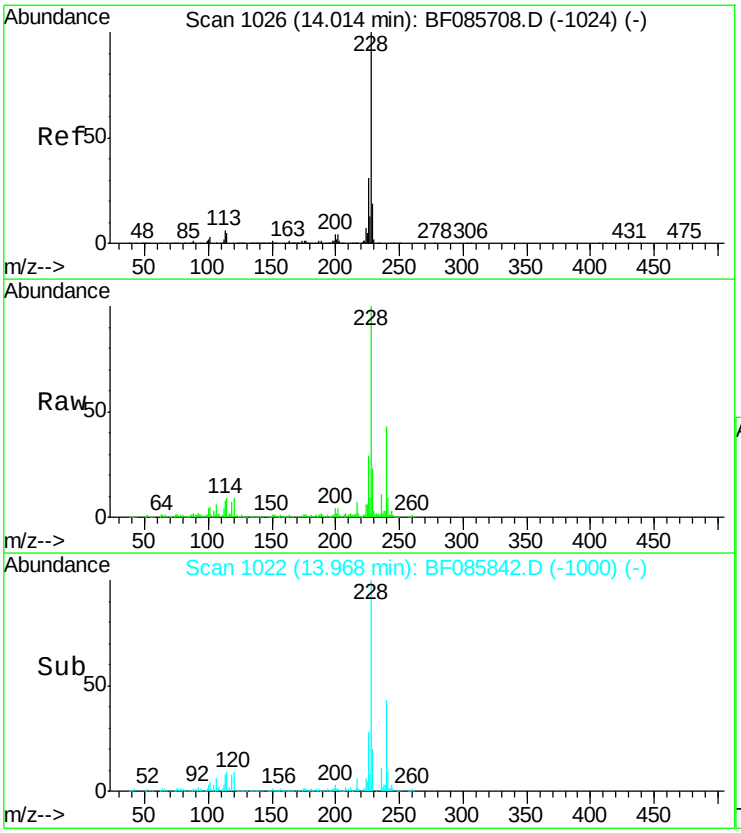
#80
Benzo(a)anthracene
Concen: 29.85 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 315356

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	22.7	16.2	24.4

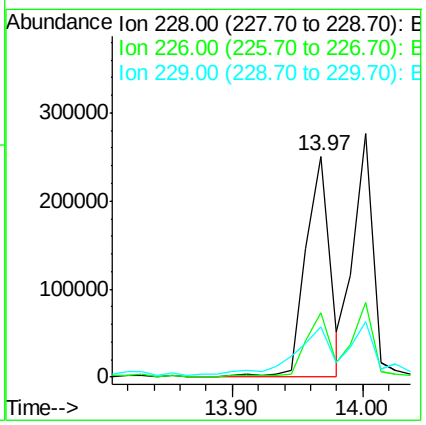


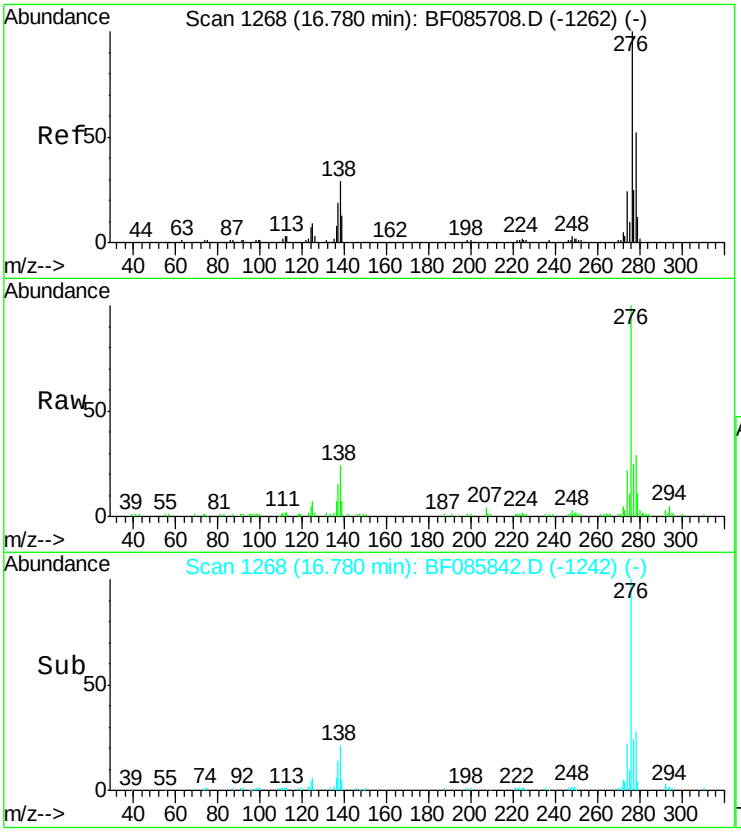


#82
Chrysene
Concen: 29.64 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:228 Resp: 315356

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	22.7	15.7	23.5



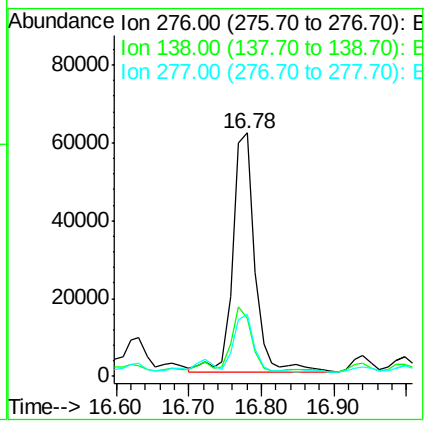


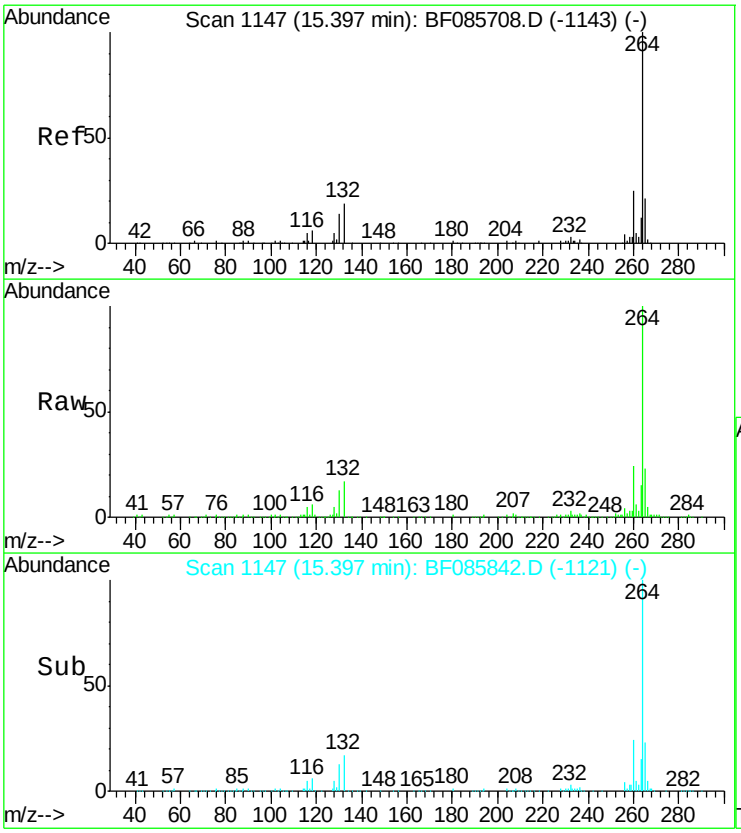
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.78 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 129674

Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.2	36.4
277	21.6	20.0	30.0

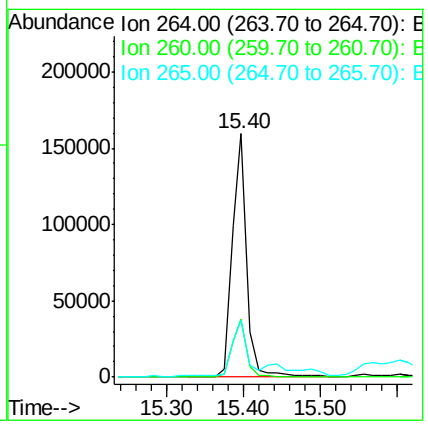


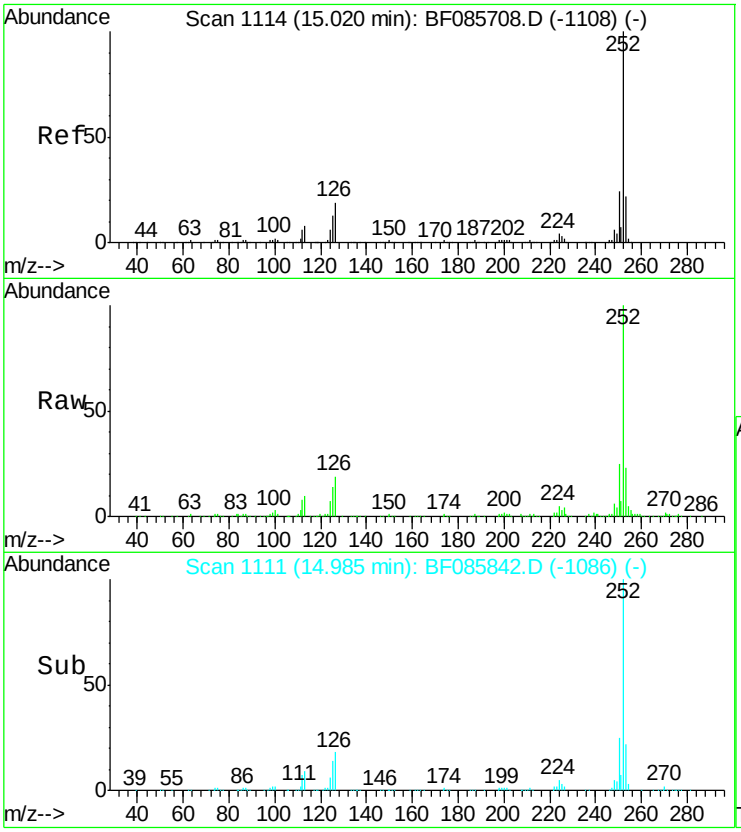


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:264 Resp: 211348

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	23.2	17.2	25.8



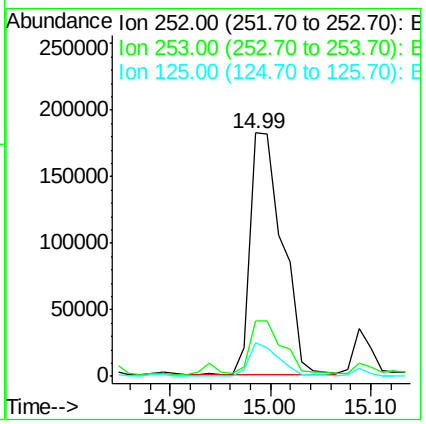


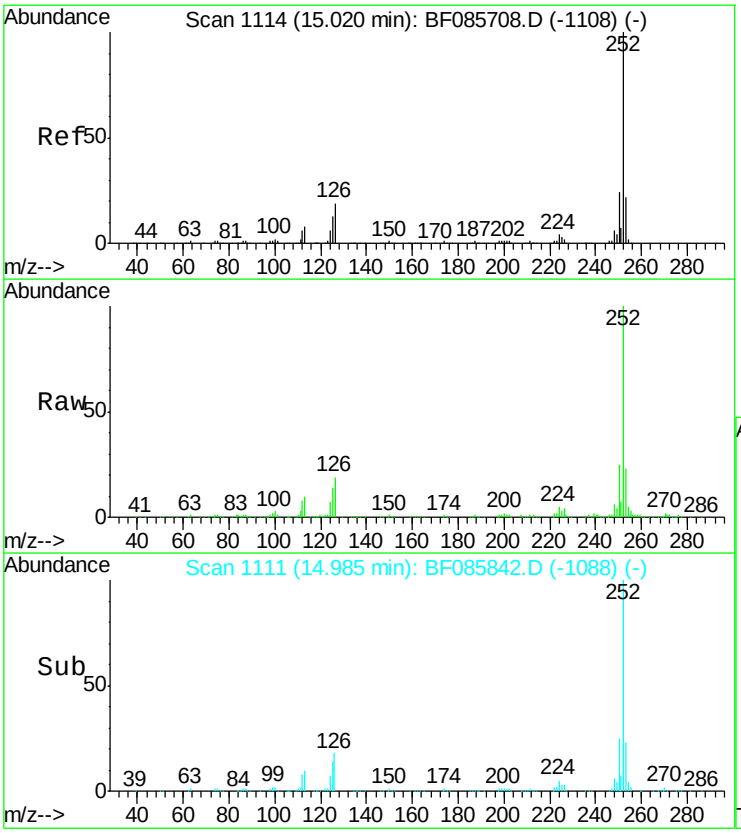
#87
Benzo(b)fluoranthene
Concen: 30.46 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 405590

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	14.0	10.3	15.5

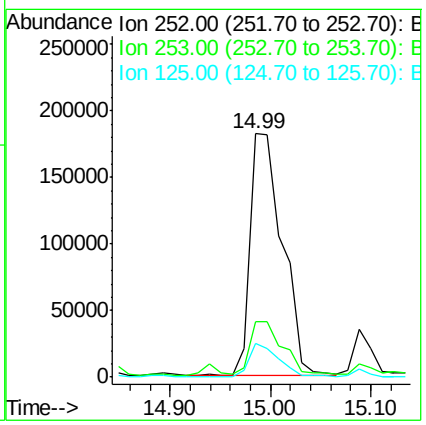


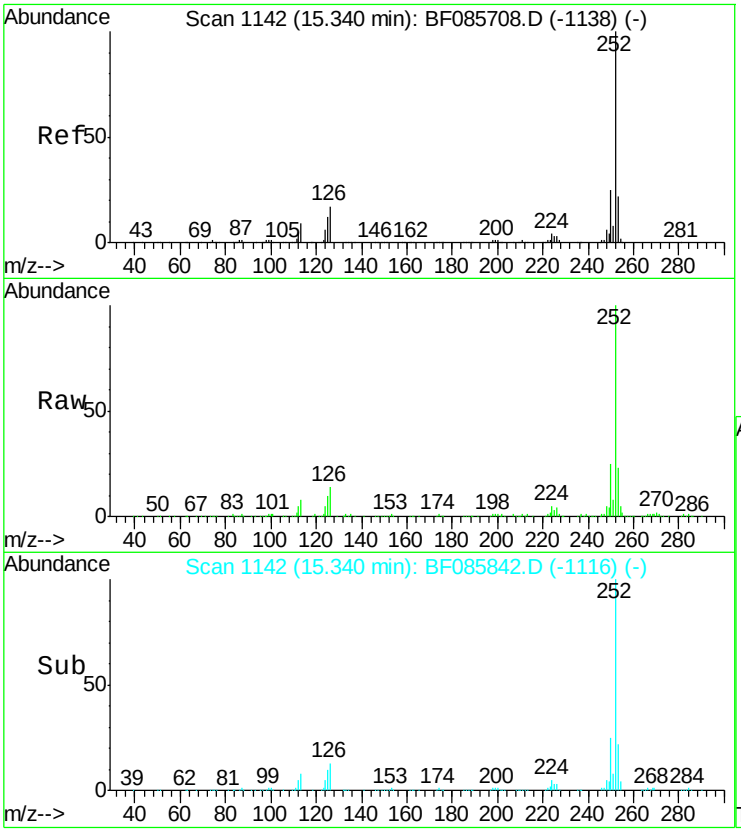


#88
Benzo(k)fluoranthene
Concen: 33.79 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:252 Resp: 405590

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.0	7.7	11.5#



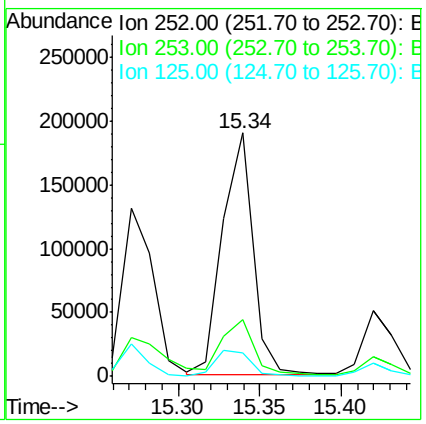


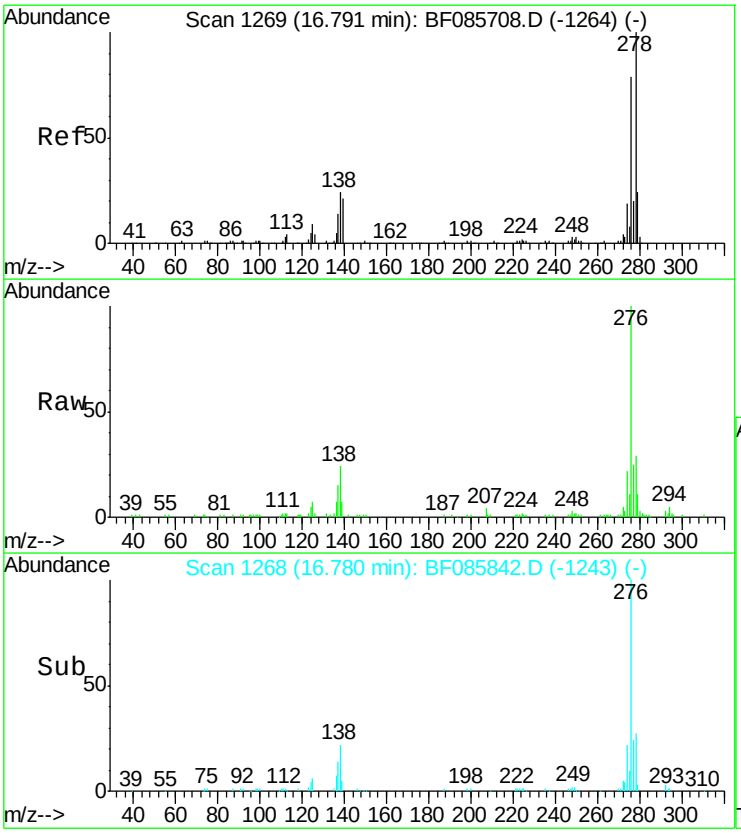
#89
Benzo(a)pyrene
Concen: 20.61 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 243600

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	9.8	10.3	15.5#

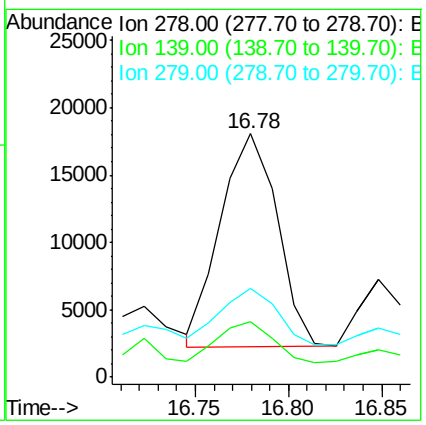


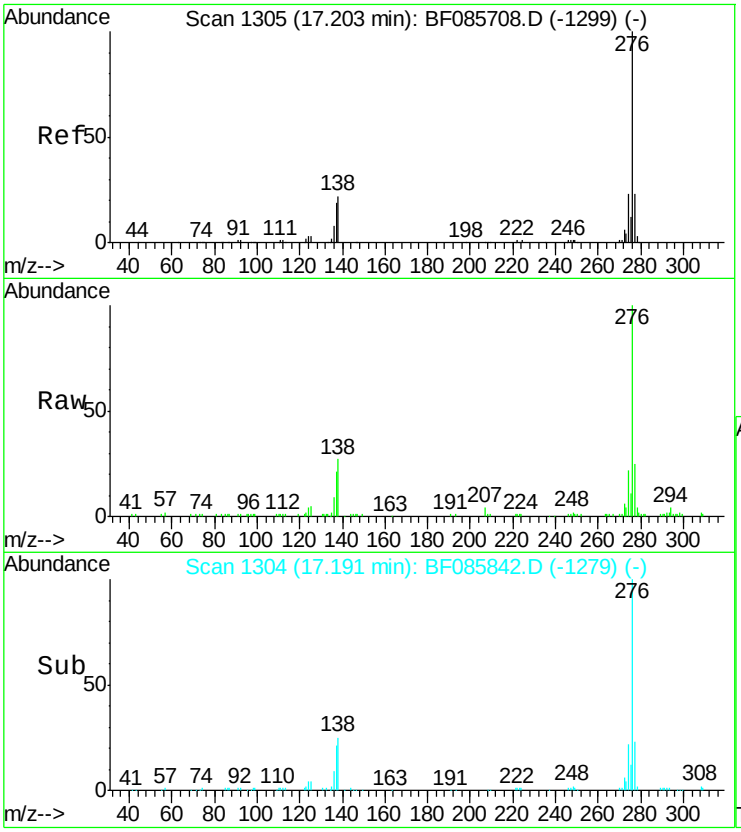


#90
Dibenzo(a,h)anthracene
Concen: 3.03 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Tgt Ion:278 Resp: 33312

Ion	Ratio	Lower	Upper
278	100		
139	22.7	14.4	21.6#
279	36.6	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 11.72 ng
RT: 17.19 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF085842.D
Acq: 29 Mar 2016 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 130324

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	26.7	22.6	34.0