Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 28 23:05:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	90860	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	362779	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	154056	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	237574	20.00	ng		0.00
75) Chrysene-d12	14.47	240	201464	20.00	ng		0.00
86) Perylene-d12	16.10	264	158150	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	684180	124.93	ng		0.02
7) Phenol-d6	5.40	99	848644	131.44	ng		0.00
23) Nitrobenzene-d5	6.42	82	498300	84.82	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	144466	119.89	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	885690	84.59	ng		0.00
78) Terphenyl-d14	13.19	244	587304	77.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	5.41	94	18660	2.35	ng		96
19) n-Nitroso-di-n-propylamine	6.42	70	64879	15.17	ng	#	76
31) Naphthalene	7.28	128	89420	5.13	ng		99
37) 2-Methylnaphthalene	8.12	142	56311	4.72	ng		97
48) Acenaphthylene	9.22	152	37145	2.38	ng		98
49) Dimethylphthalate	9.08	163	46115	4.02	ng		99
50) 2,6-Dinitrotoluene	9.40	165	20932	8.12	ng	#	36
53) 2,4-Dinitrophenol	9.76	184	306	5.96	ng	#	4
54) Dibenzofuran	9.65	168	31180	2.30	ng		96
70) Phenanthrene	11.25	178	132454	9.90	ng		97
71) Anthracene	11.31	178	67990	4.91	ng		97
74) Fluoranthene	12.71	202	239664	17.28	ng		97
77) Pyrene	12.98	202	262107	18.62	ng		97
80) Benzo(a)anthracene	14.46	228	137029	11.70	ng		95
82) Chrysene	14.50	228	159874	14.94	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	67705	6.65	ng		96
87) Benzo(b)fluoranthene	15.70	252	315372	32.60	ng		97
88) Benzo(k)fluoranthene	15.70	252	315372	34.45	ng		96
89) Benzo(a)pyrene	16.05	252	108267	12.03	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	21948	2.94	ng	#	85
91) Benzo(g,h,i)perylene	17.77	276	64522	8.48	ng		97

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

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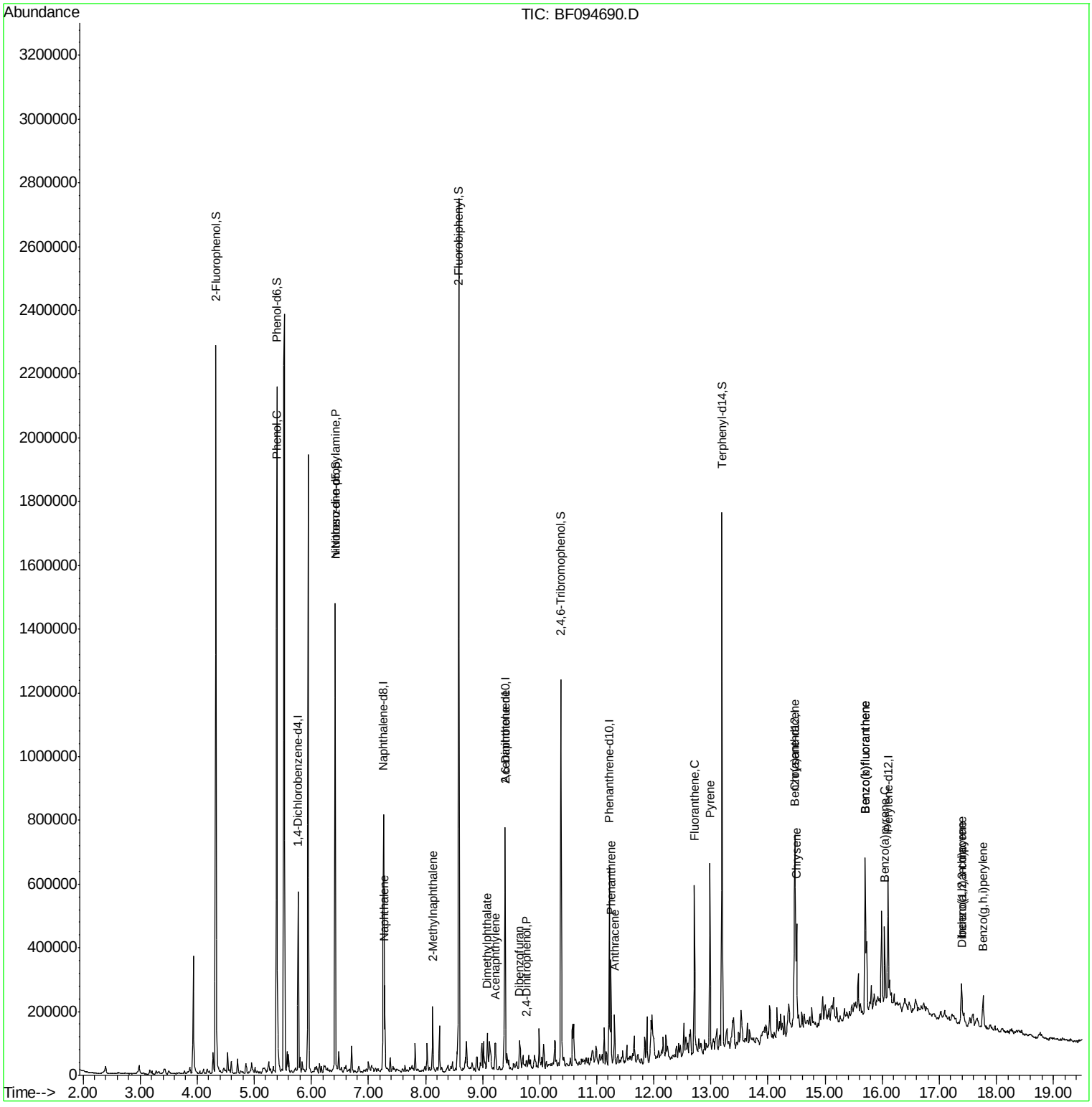
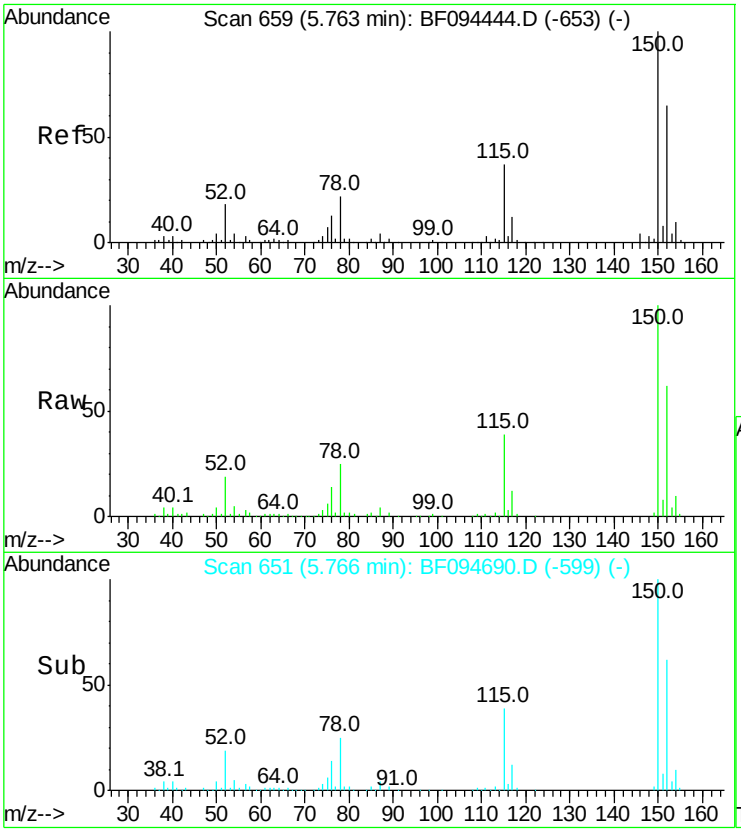


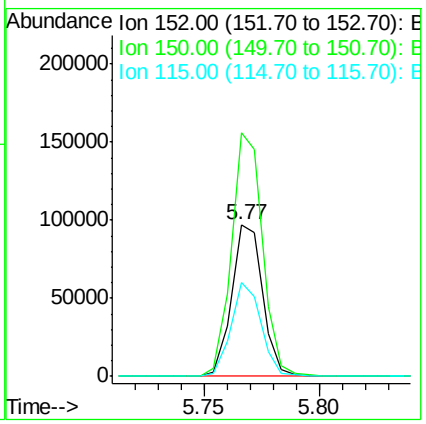


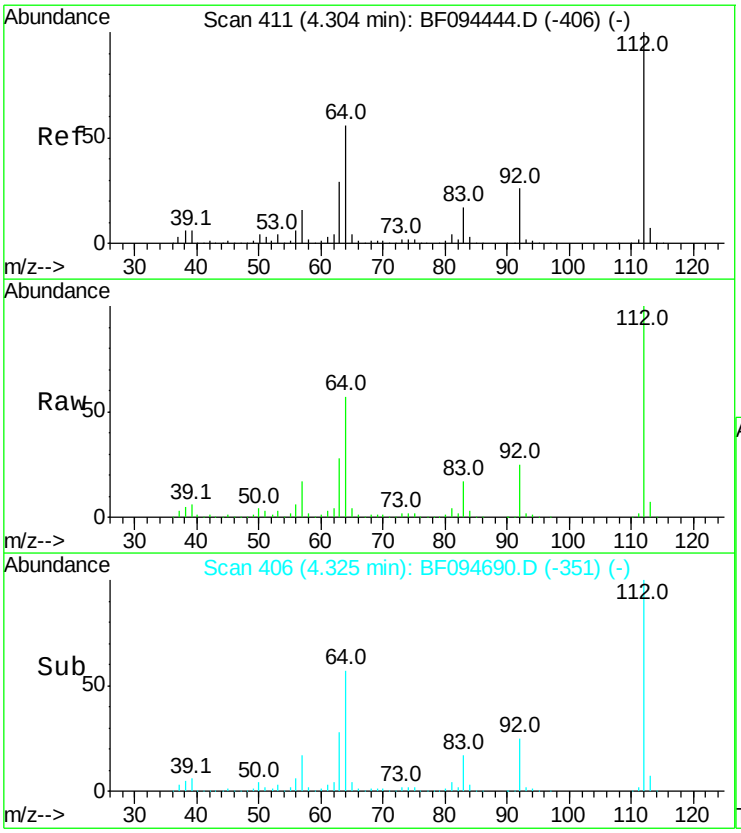
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90860

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	62.0	52.2	78.2

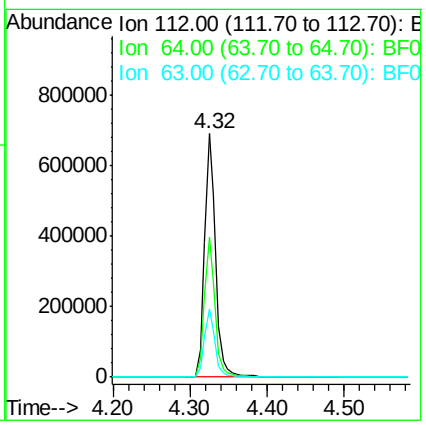


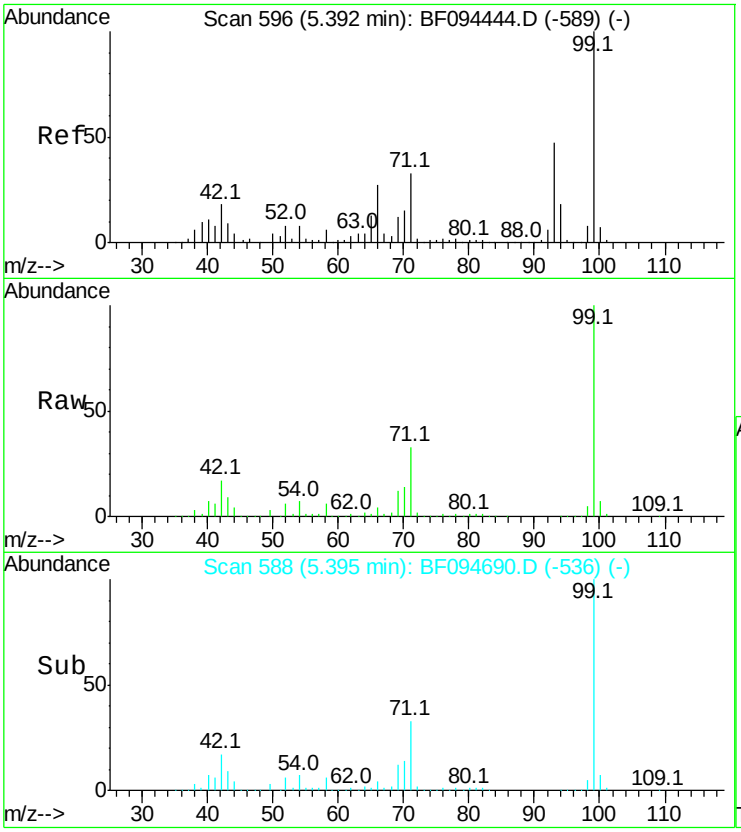


#5
2-Fluorophenol
Concen: 124.93 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:112 Resp: 684180

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.1	23.4	35.0



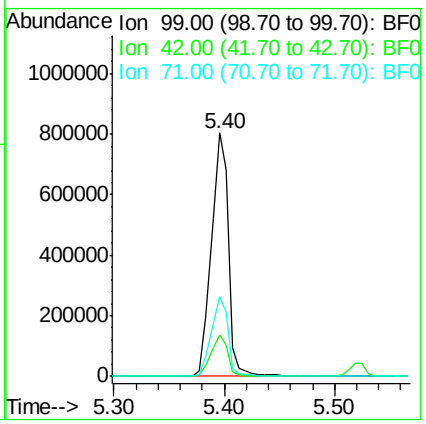


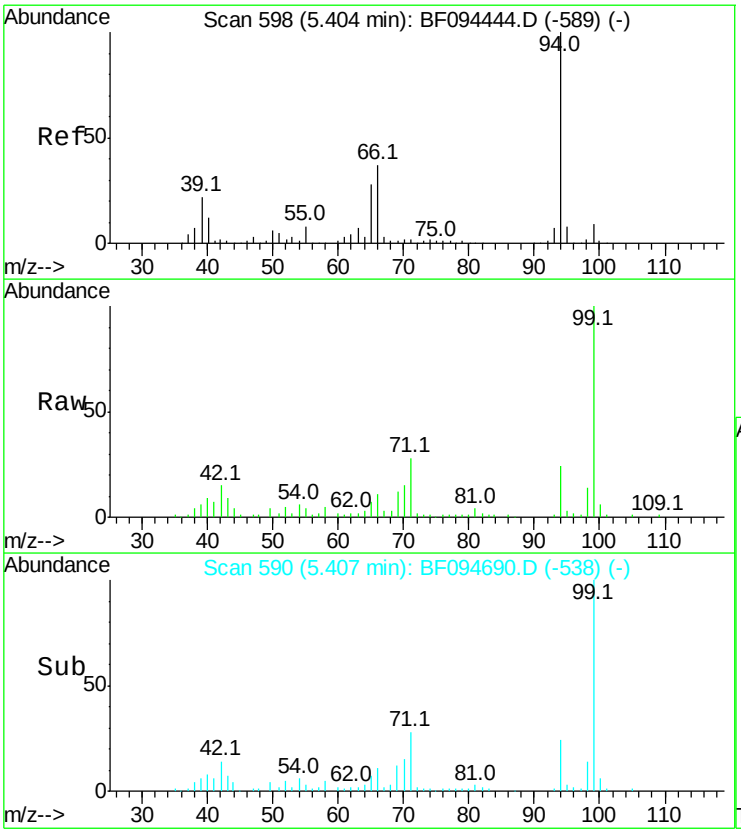
#7
Phenol-d6
Concen: 131.44 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 848644

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	32.9	24.5	36.7

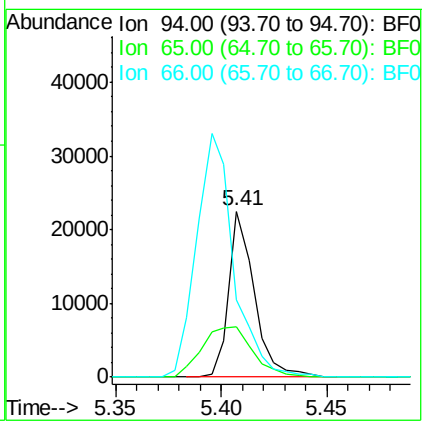


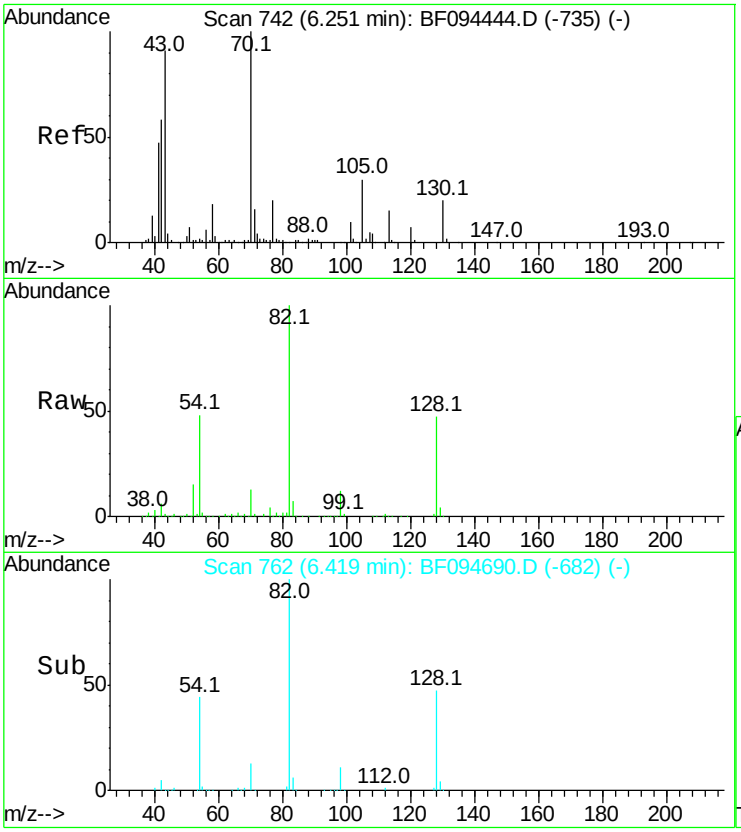


#10
Phenol
Concen: 2.35 ng
RT: 5.41 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion: 94 Resp: 18660

Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	46.7	23.1	63.1



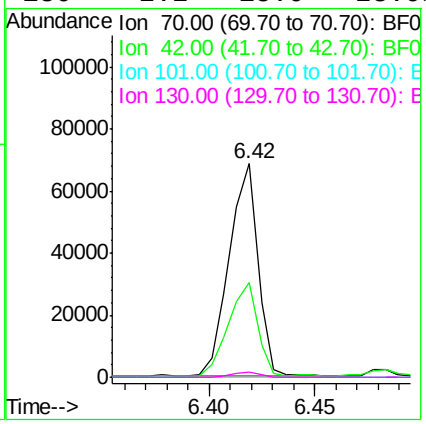


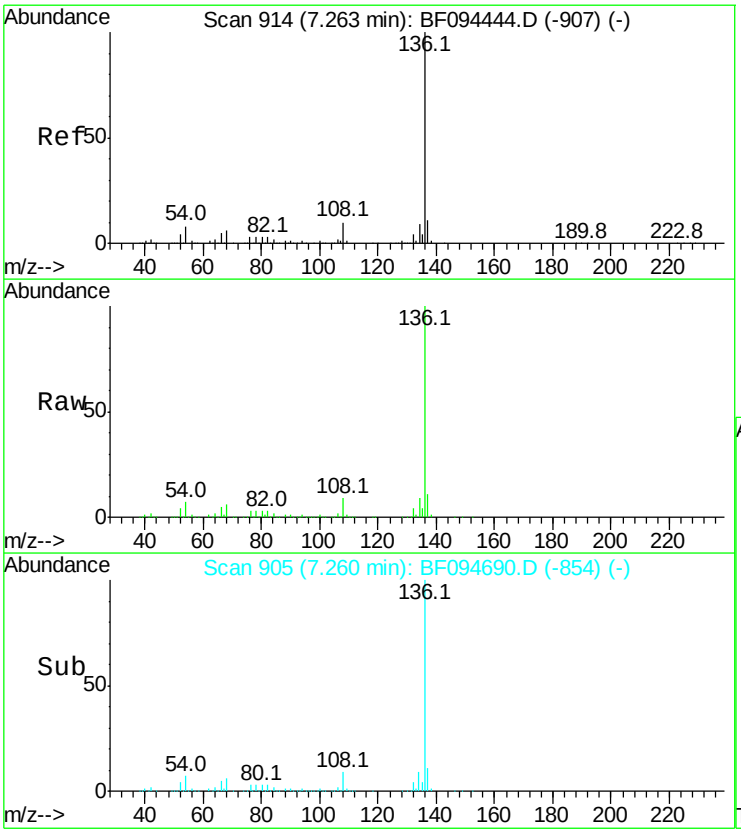
#19
n-Nitroso-di-n-propylamine
Concen: 15.17 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64879

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

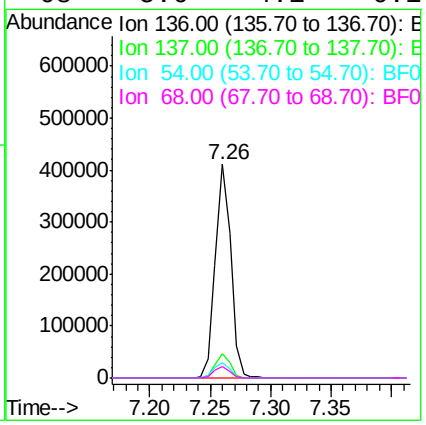


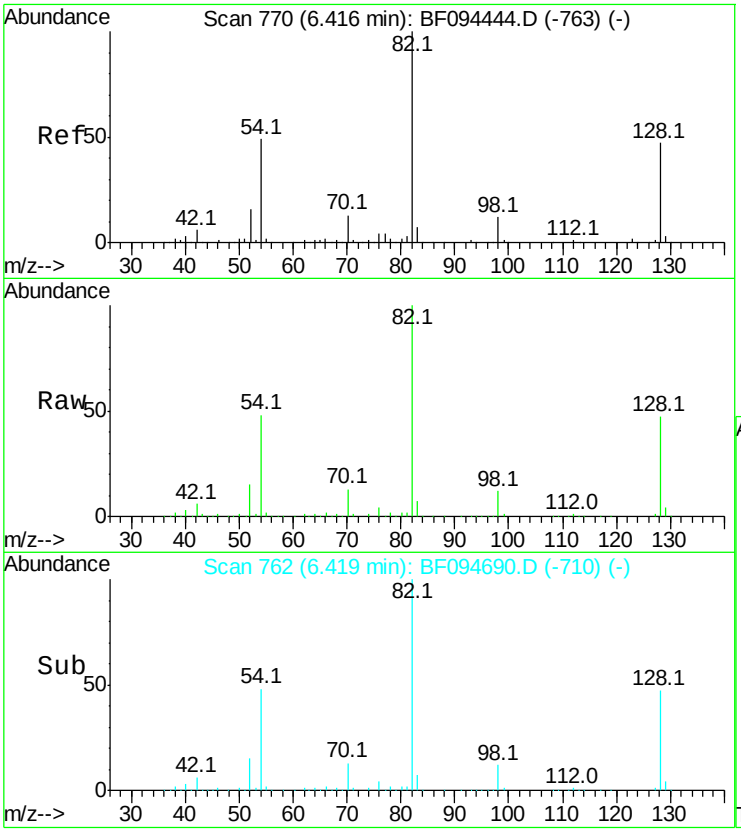


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:136 Resp: 362779

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1



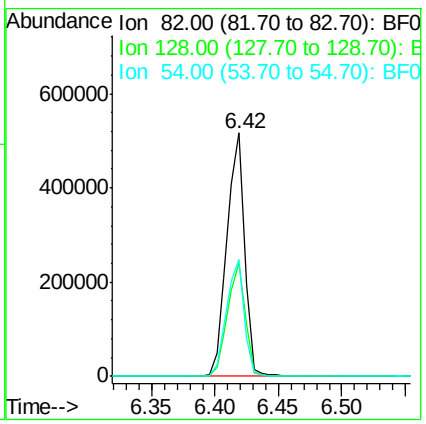


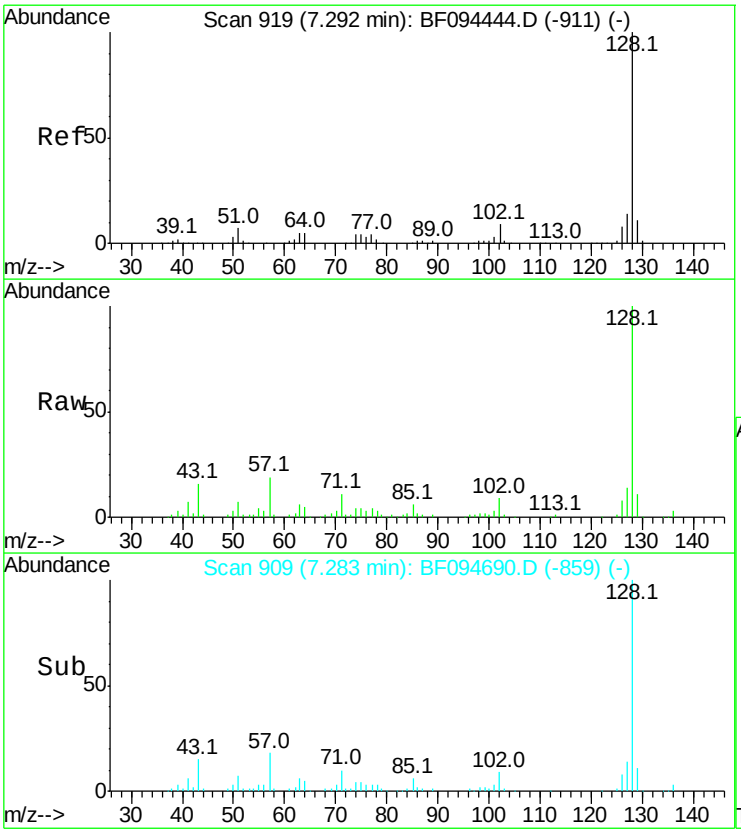
#23
Nitrobenzene-d5
Concen: 84.82 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 498300

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.8	42.2	63.2

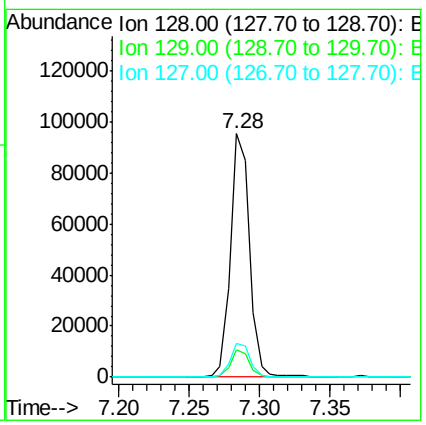


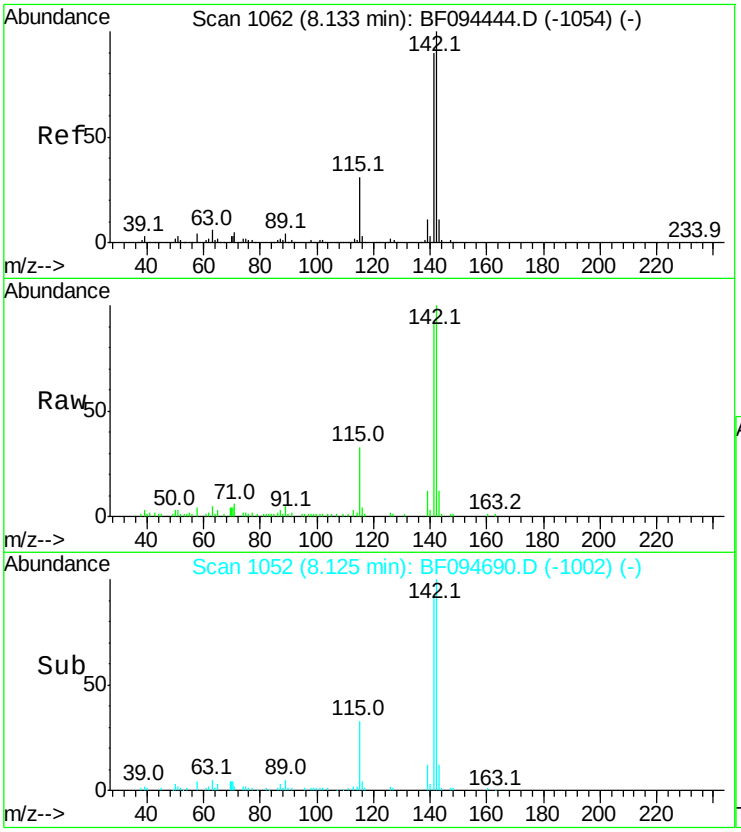


#31
Naphthalene
Concen: 5.13 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:128 Resp: 89420

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.7	10.8	16.2



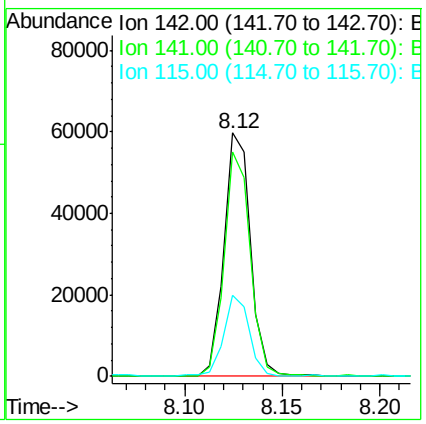


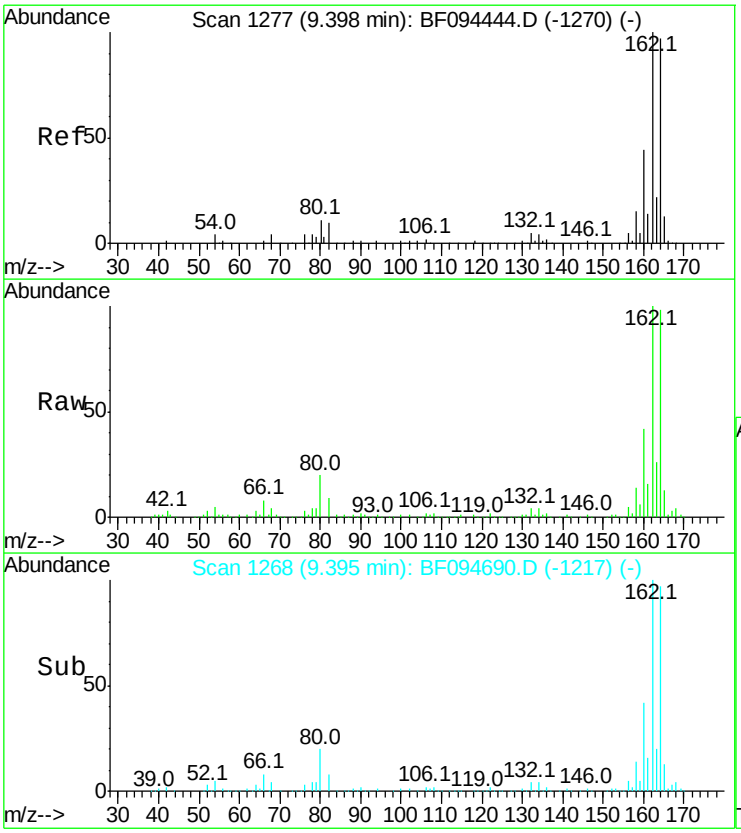
#37
2-Methylnaphthalene
Concen: 4.72 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 56311

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	33.2	27.1	40.7

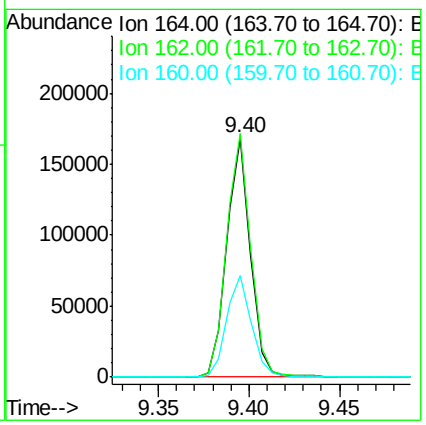


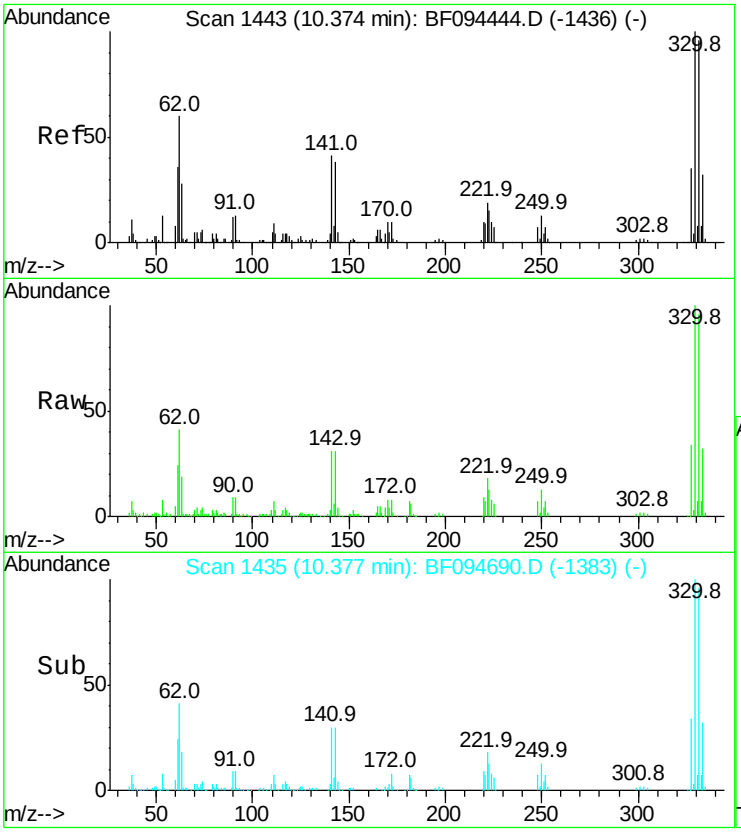


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:164 Resp: 154056

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	42.7	36.2	54.2



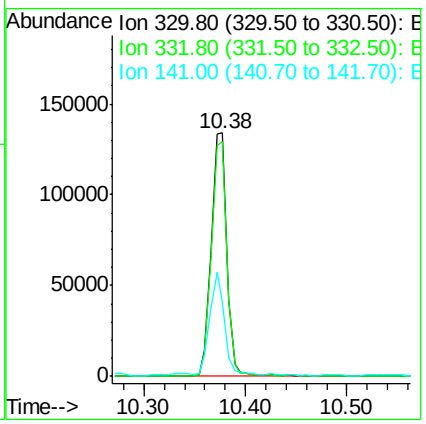


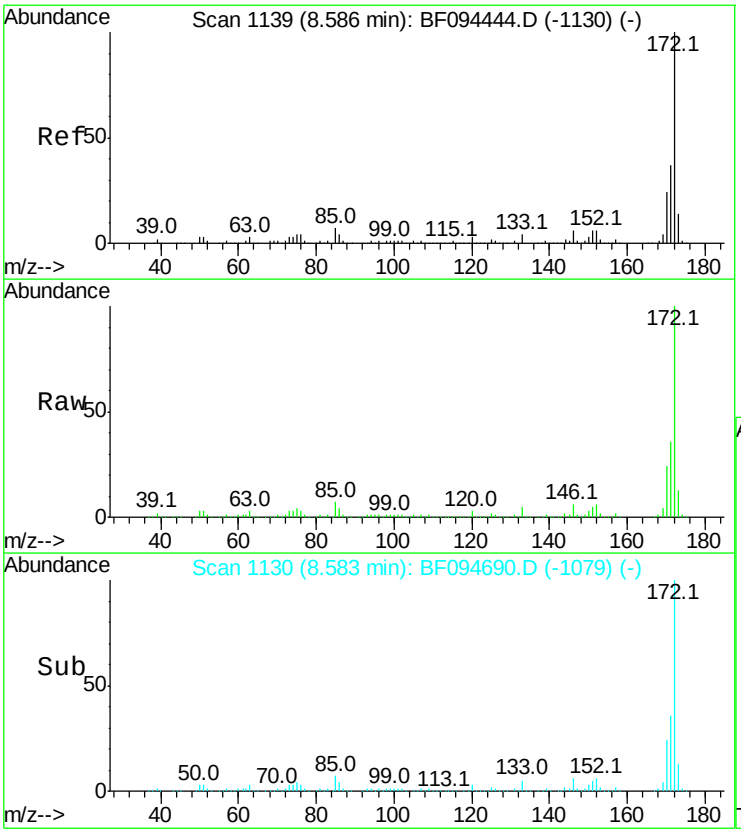
#41
2,4,6-Tribromophenol
Concen: 119.89 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 144466

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.2	31.4	47.2

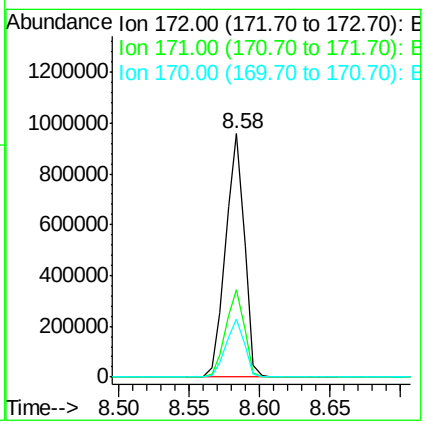


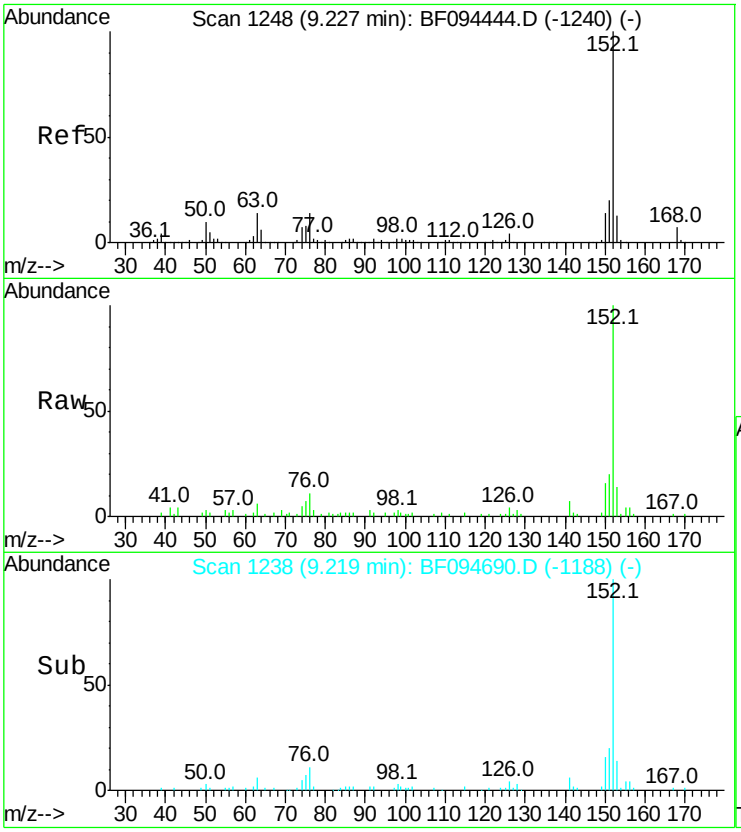


#44
2-Fluorobiphenyl
Concen: 84.59 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:172 Resp: 885690

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8



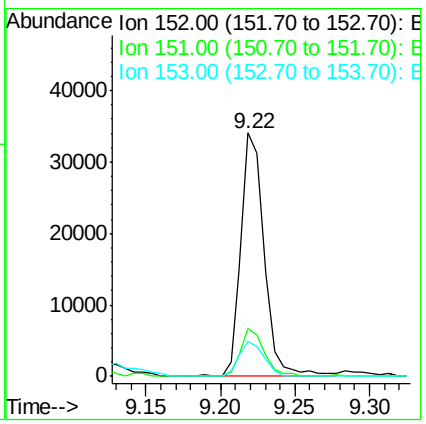


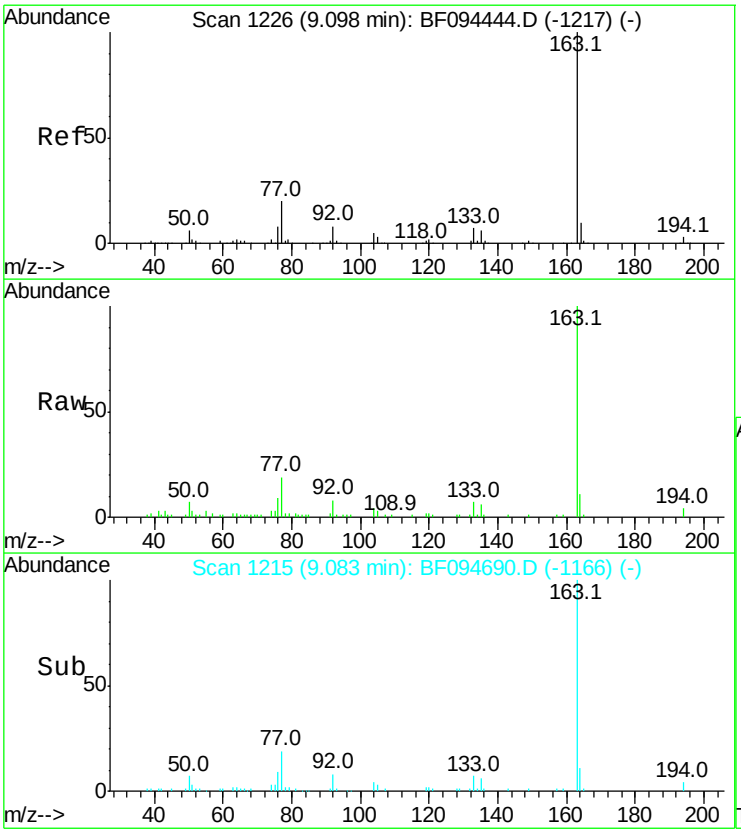
#48
Acenaphthylene
Concen: 2.38 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 37145

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	14.4	10.8	16.2

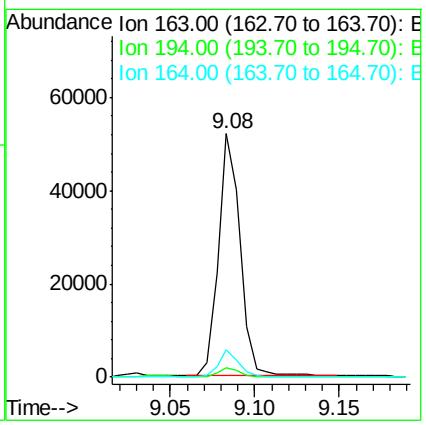


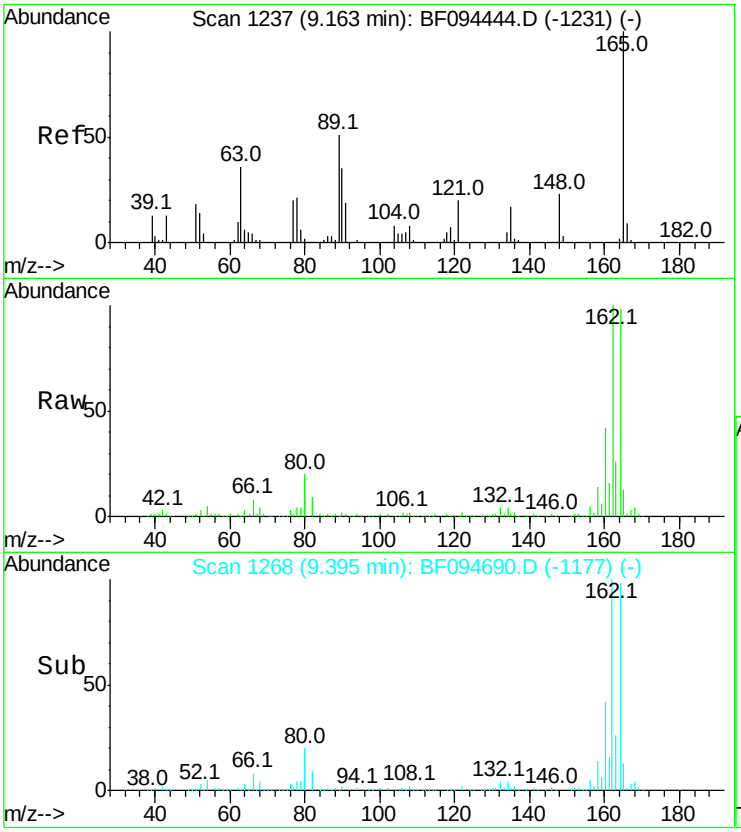


#49
Dimethylphthalate
Concen: 4.02 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:163 Resp: 46115

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	11.0	8.4	12.6



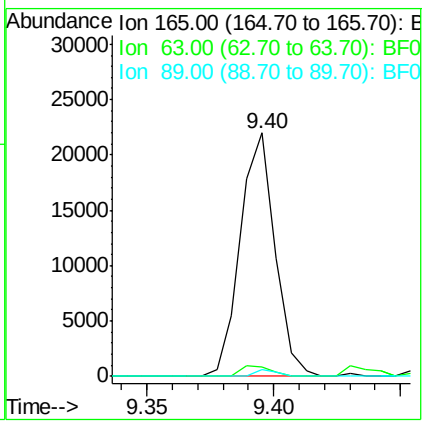


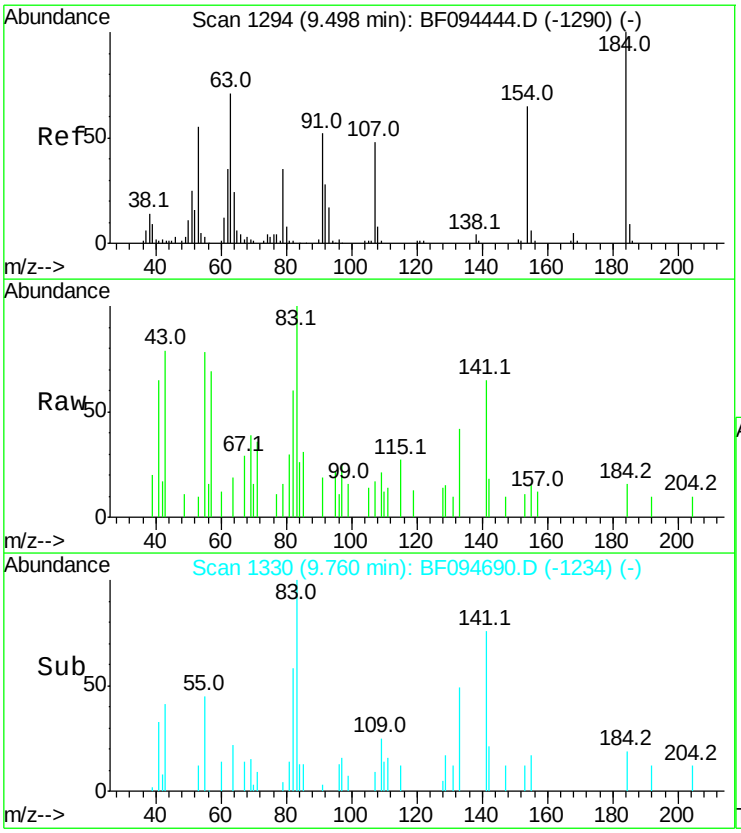
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.40 min Scan# 1268
Delta R.T. 0.23 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20932

Ion	Ratio	Lower	Upper
165	100		
63	3.7	34.3	51.5#
89	2.8	37.1	55.7#

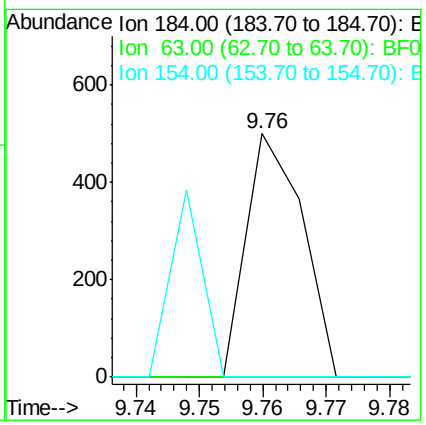


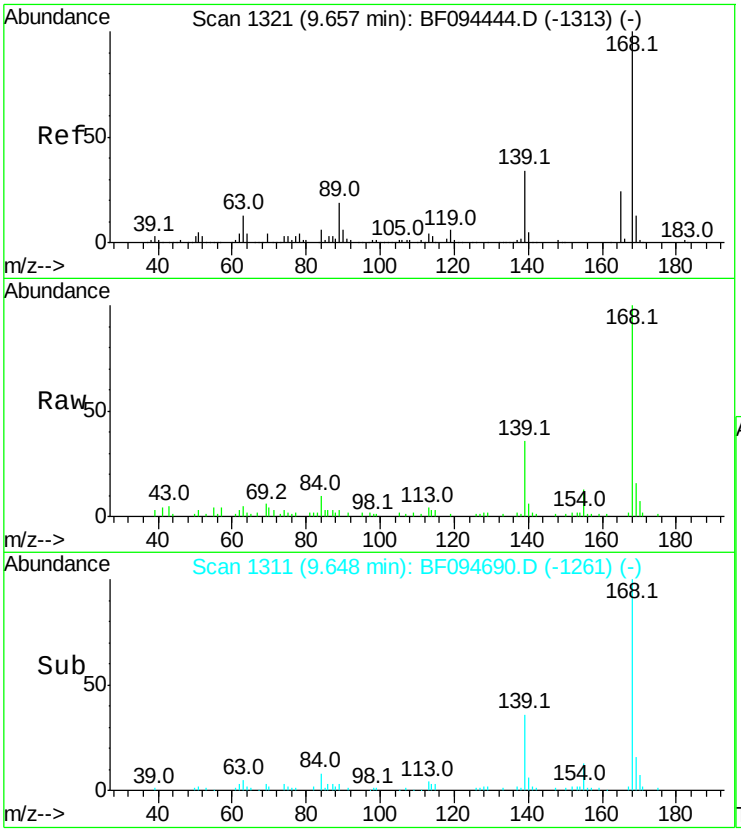


#53
2,4-Dinitrophenol
Concen: 5.96 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.26 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:184 Resp: 306

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



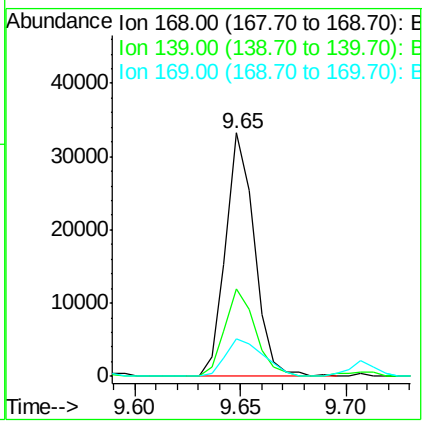


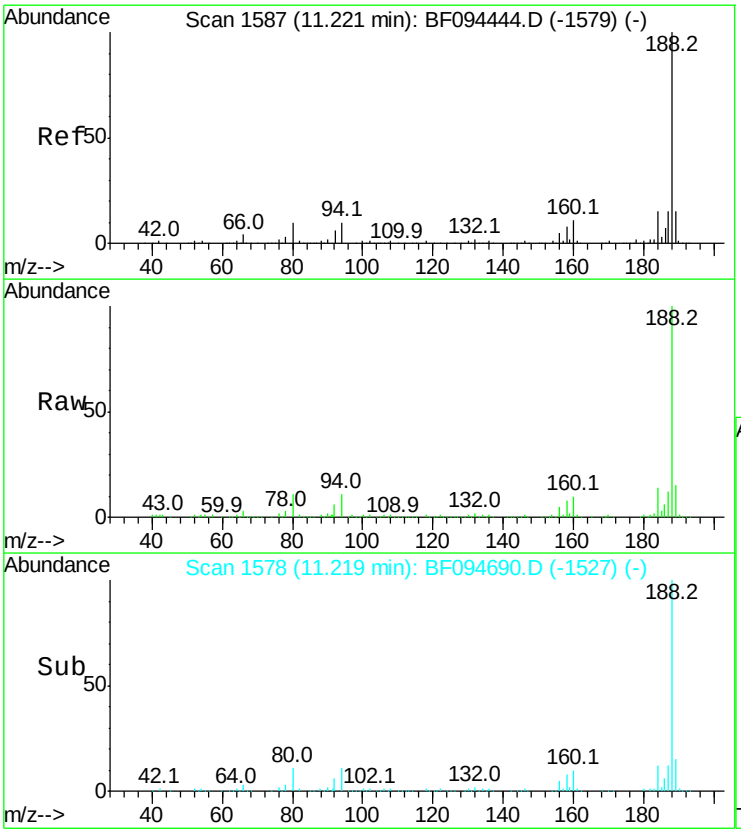
#54
Dibenzofuran
Concen: 2.30 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 31180

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.6	45.8
169	15.6	10.8	16.2

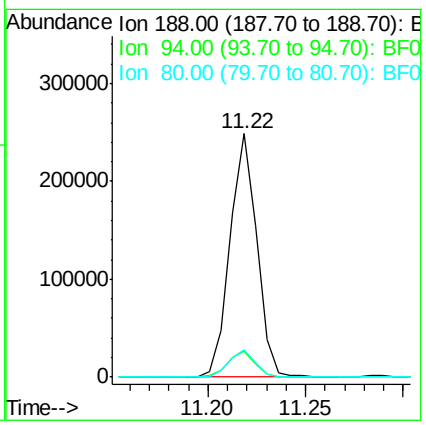


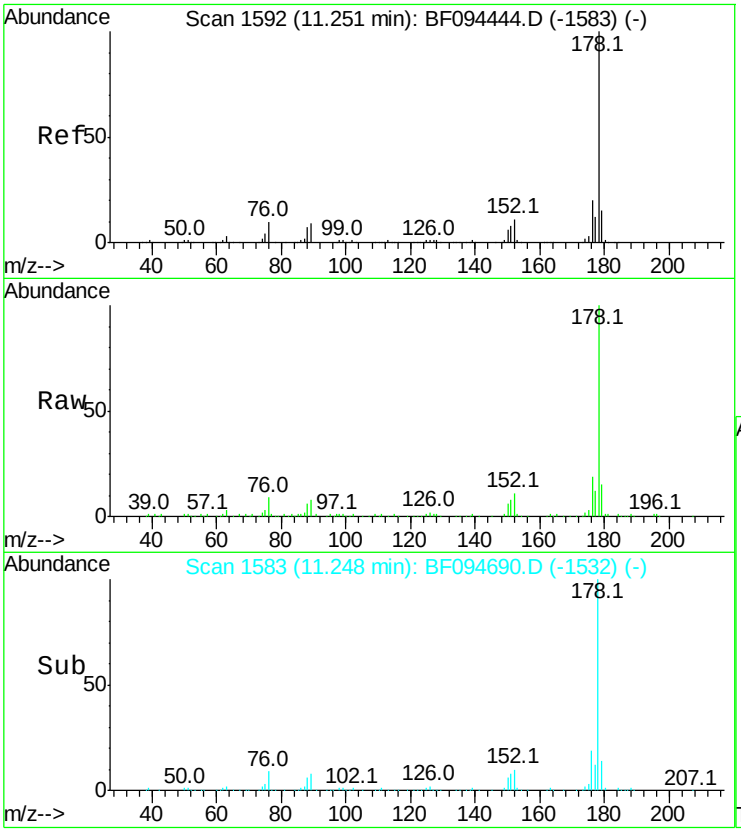


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:188 Resp: 237574

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.2	10.2	15.2



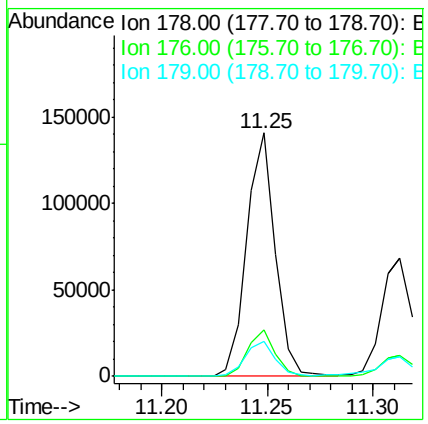


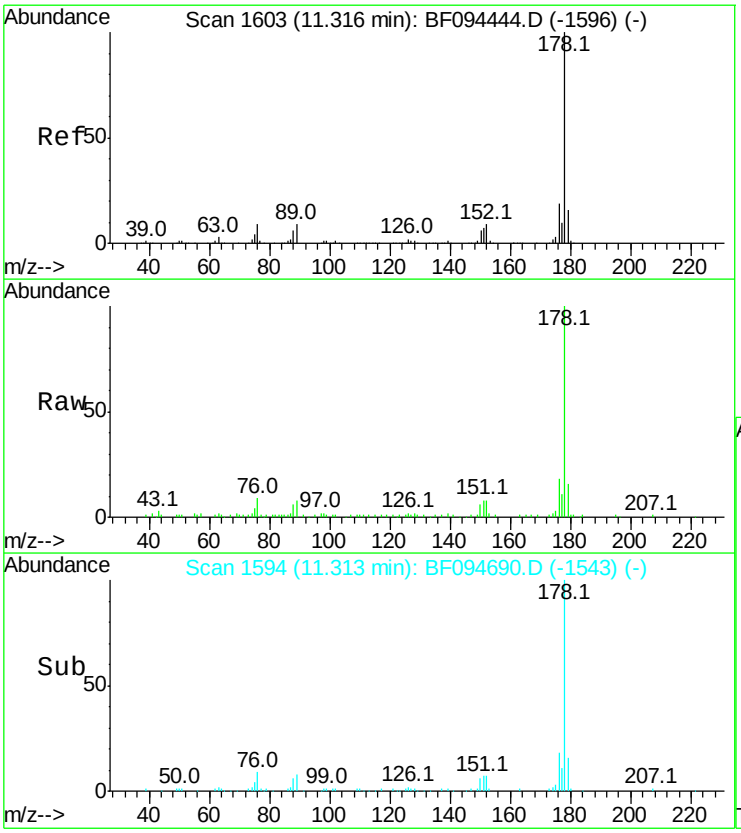
#70
Phenanthrene
Concen: 9.90 ng
RT: 11.25 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 132454

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.5	12.6	19.0

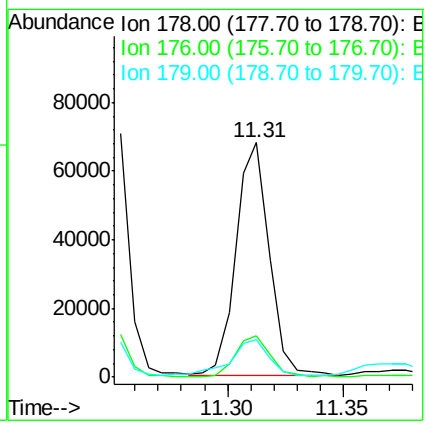


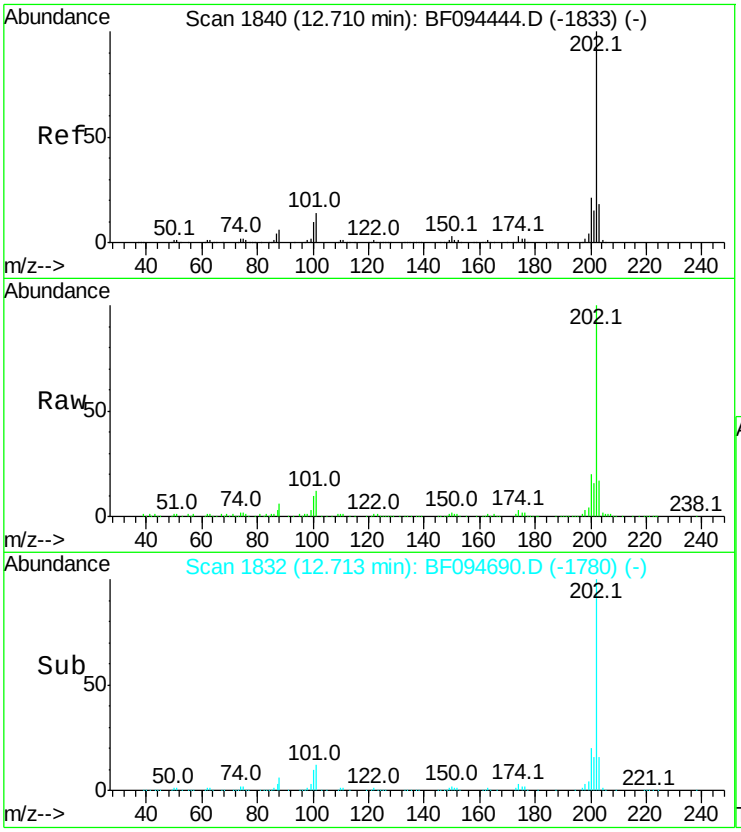


#71
Anthracene
Concen: 4.91 ng
RT: 11.31 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:178 Resp: 67990

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	16.2	12.7	19.1



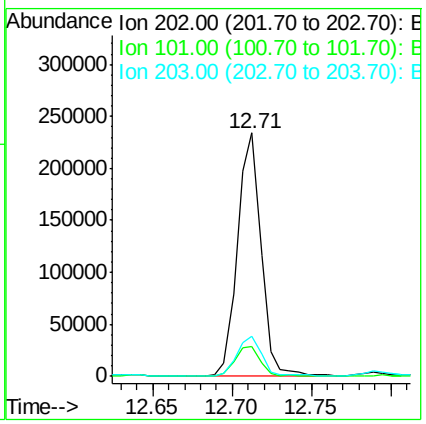


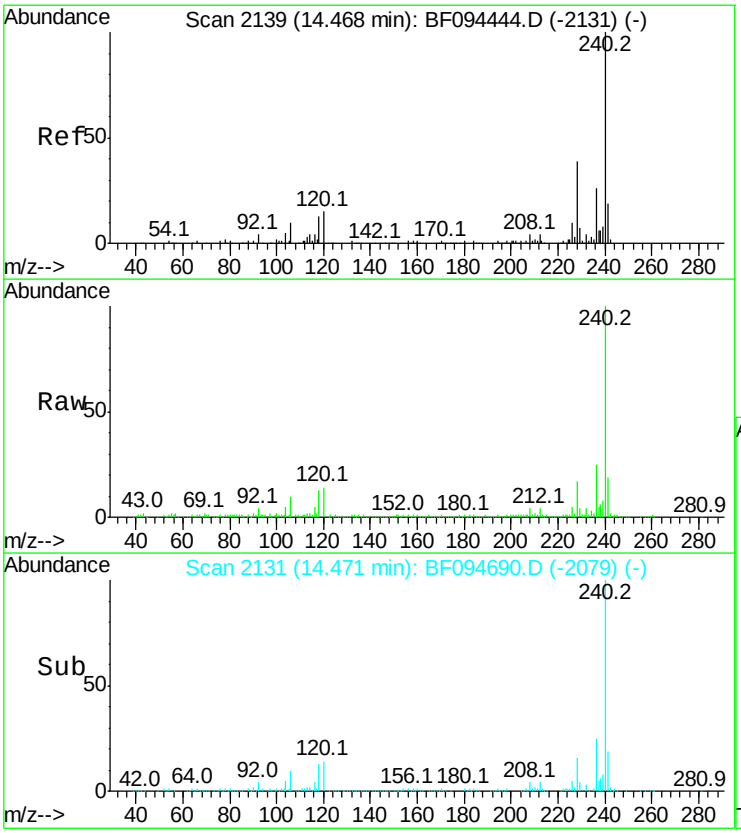
#74
Fluoranthene
Concen: 17.28 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 239664

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.6	0.0	38.1

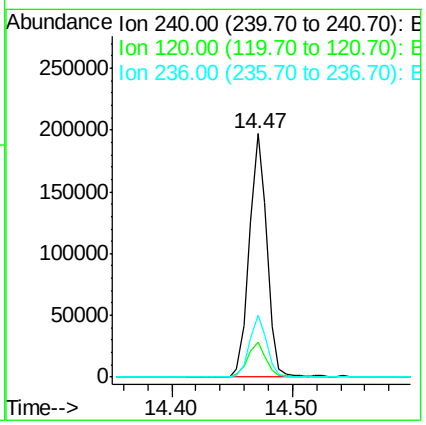


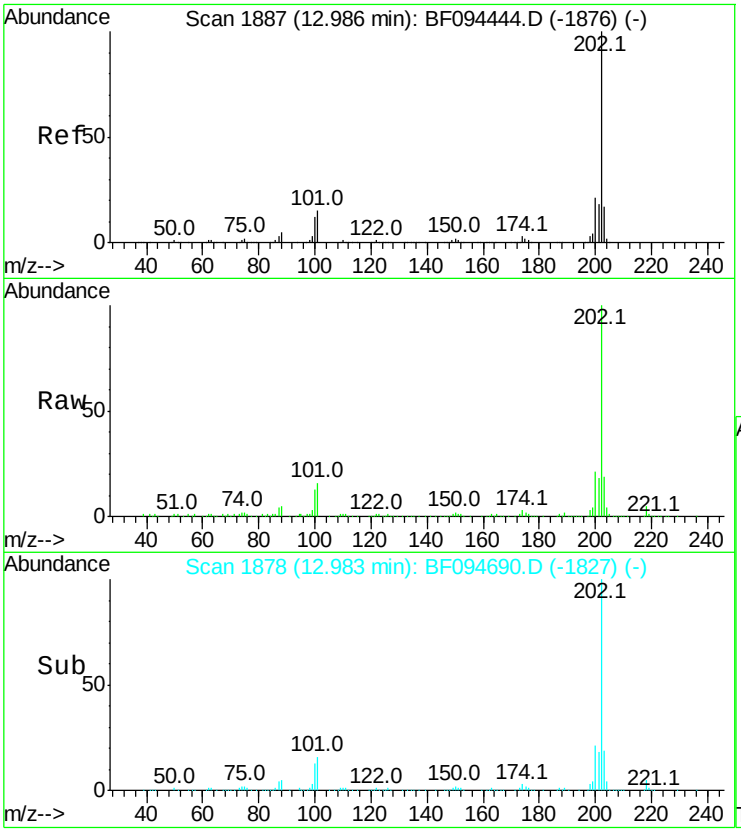


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:240 Resp: 201464

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.4	20.5	30.7



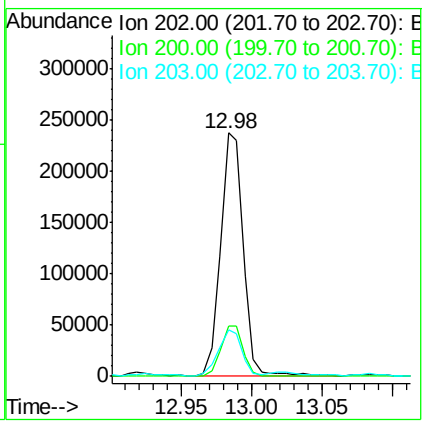


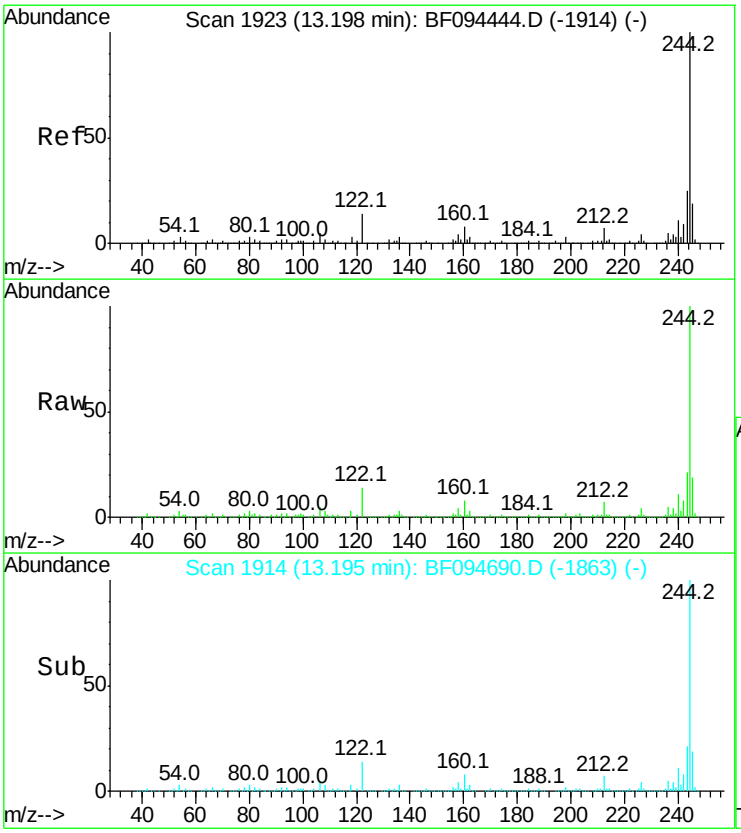
#77
Pyrene
Concen: 18.62 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 262107

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.4	14.4	21.6

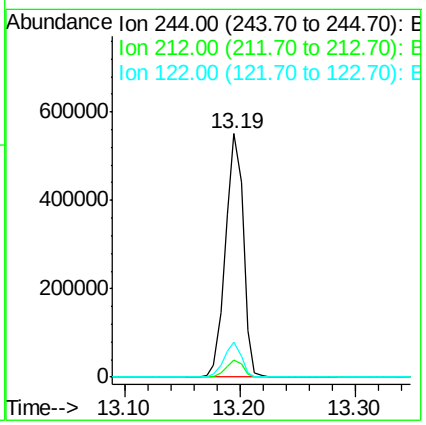


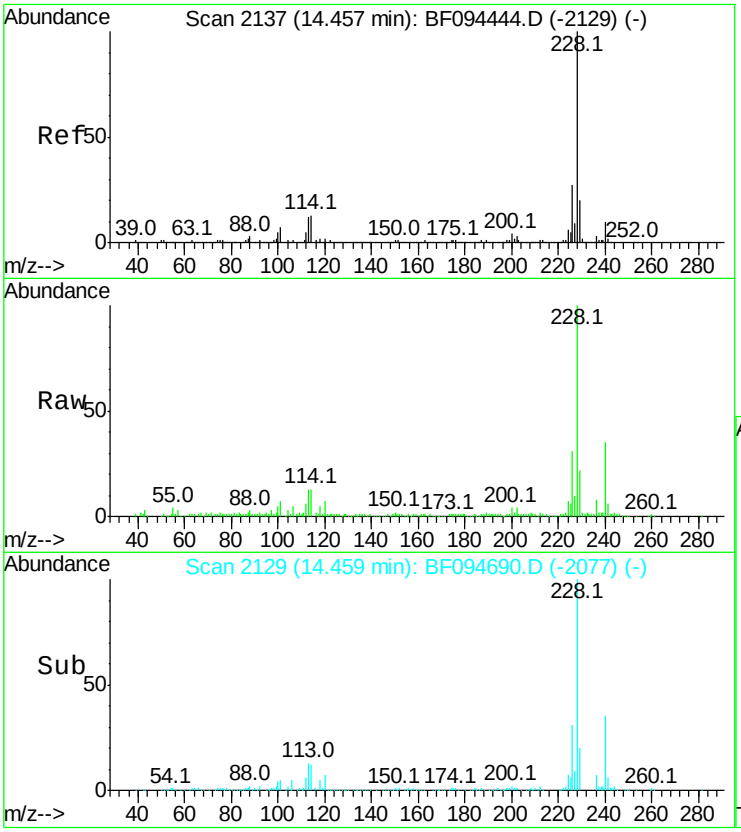


#78
Terphenyl-d14
Concen: 77.92 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:244 Resp: 587304

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5



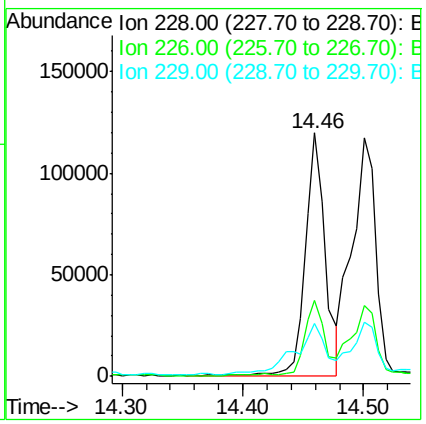


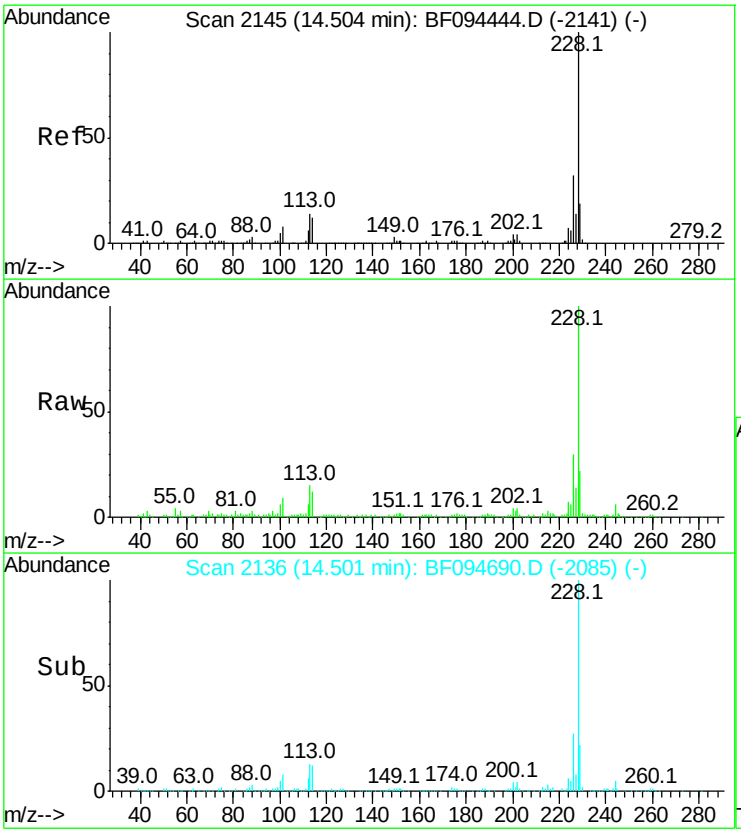
#80
Benzo(a)anthracene
Concen: 11.70 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 137029

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.8	16.3	24.5

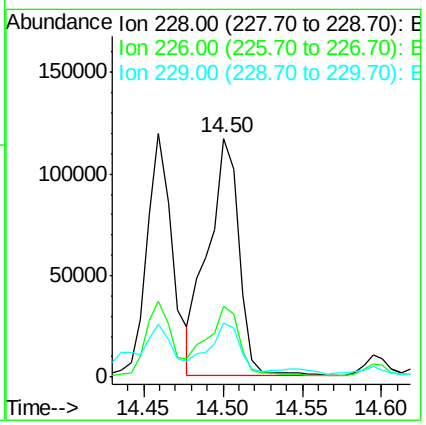


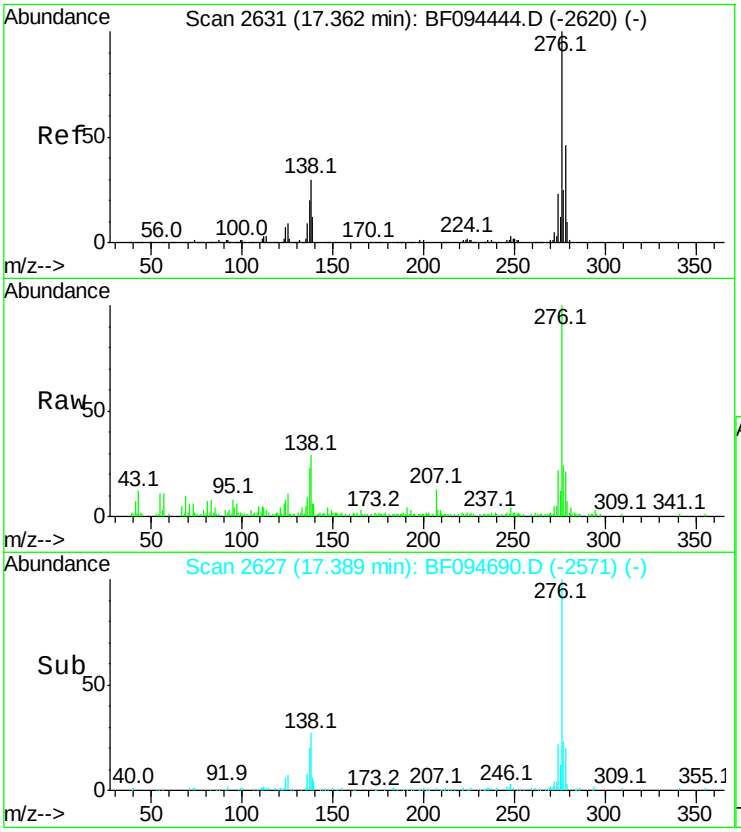


#82
Chrysene
Concen: 14.94 ng
RT: 14.50 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:228 Resp: 159874

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.5	15.8	23.6



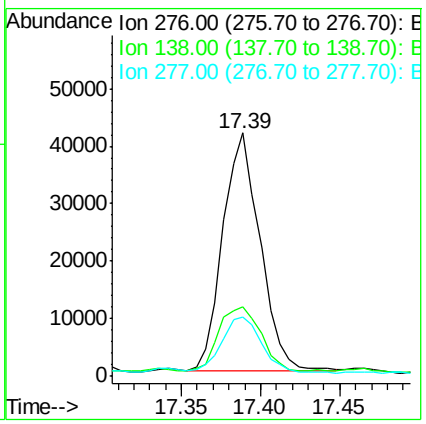


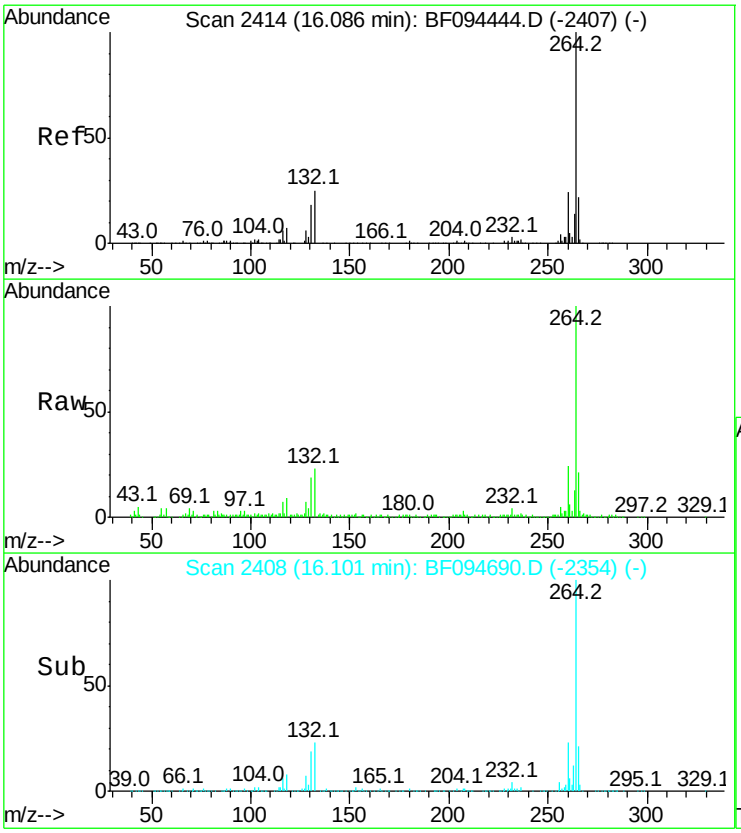
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.65 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 67705

Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	25.4	20.2	30.4

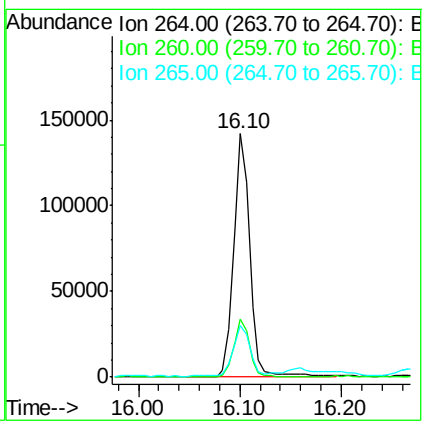


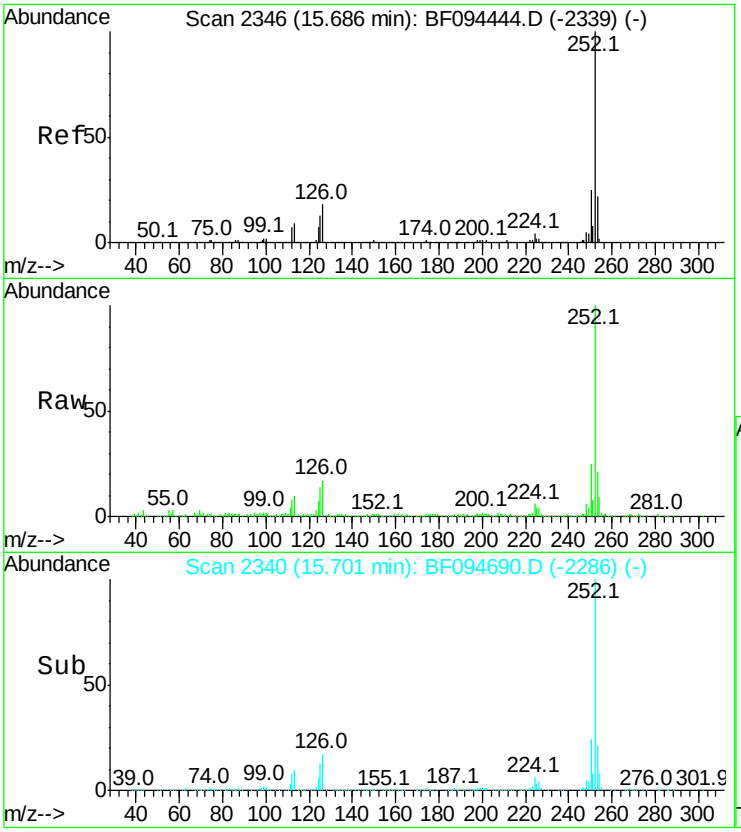


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:264 Resp: 158150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8



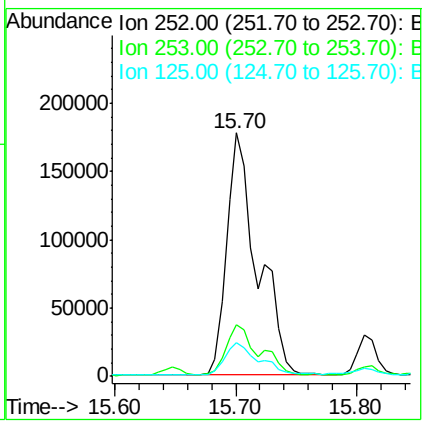


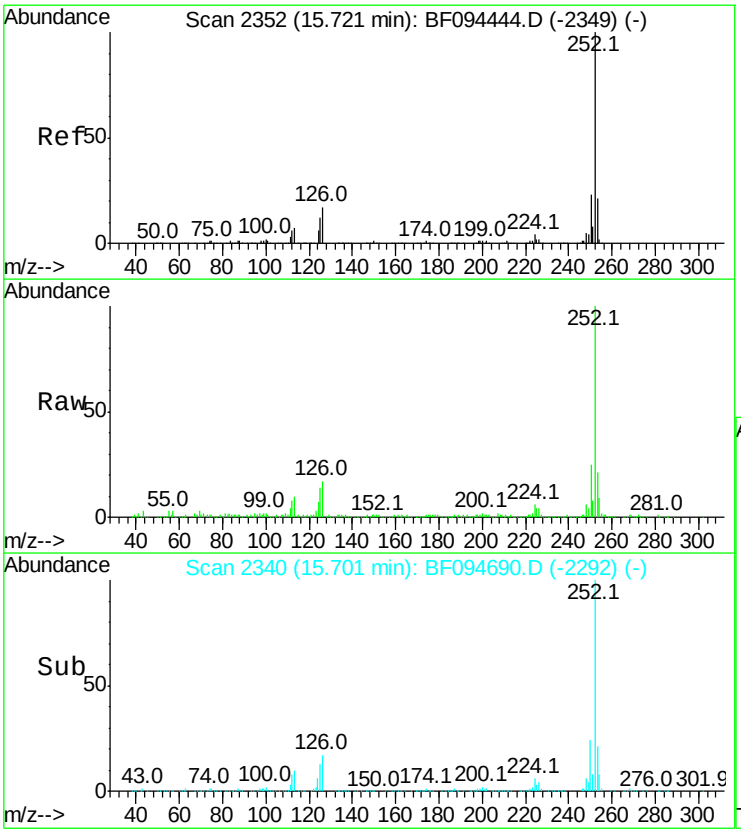
#87
Benzo(b)fluoranthene
Concen: 32.60 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 315372

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	14.1	9.8	14.8

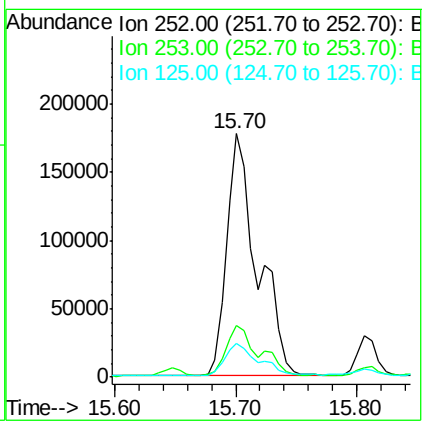


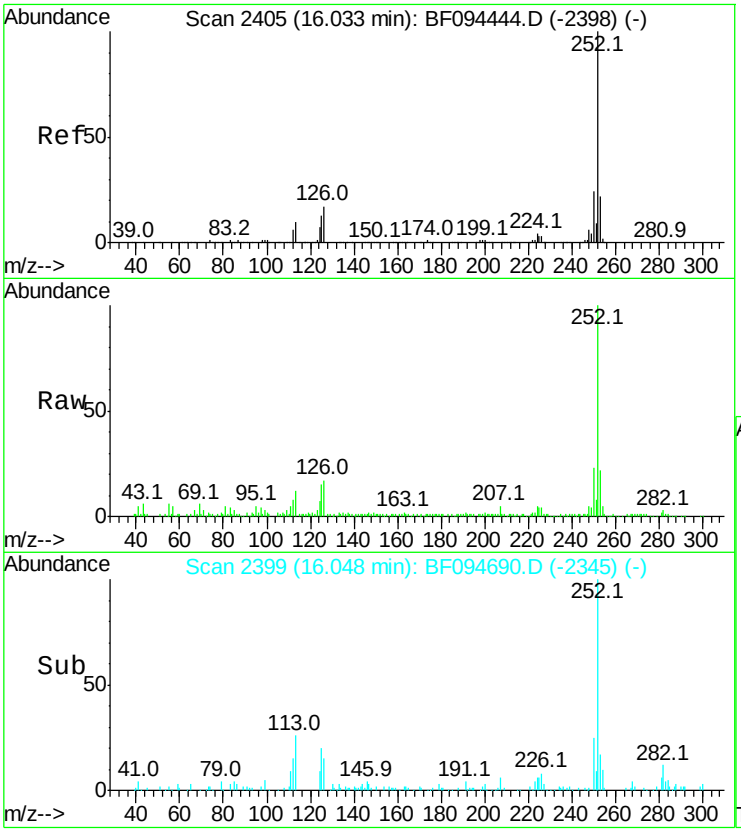


#88
Benzo(k)fluoranthene
Concen: 34.45 ng
RT: 15.70 min Scan# 2340
Delta R.T. -0.02 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:252 Resp: 315372

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	14.1	13.1	19.7



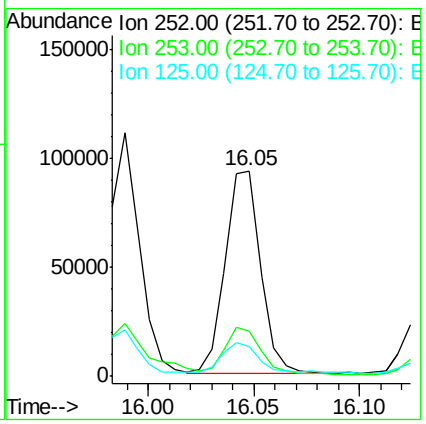


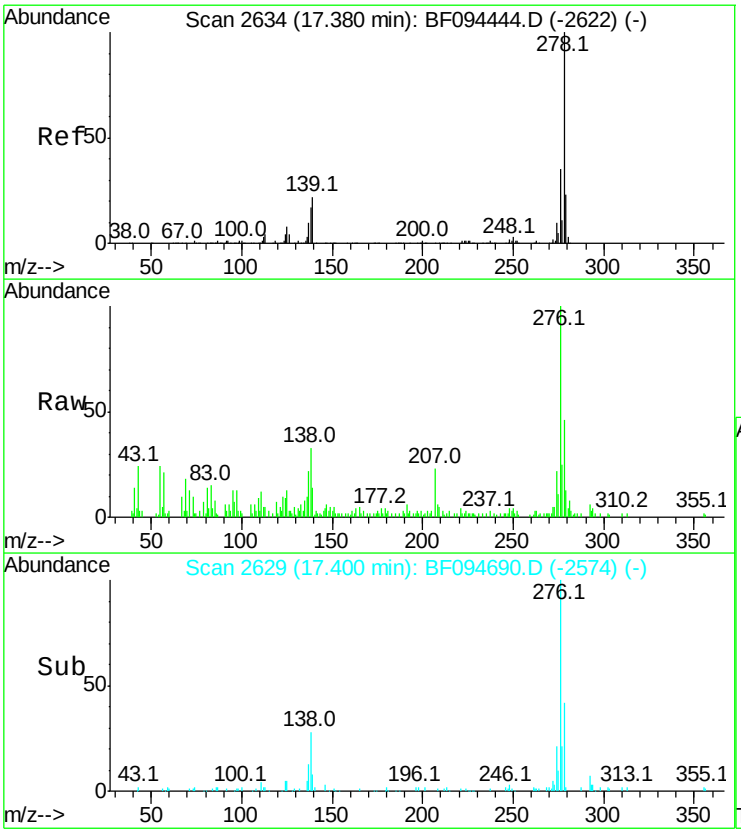
#89
Benzo(a)pyrene
Concen: 12.03 ng
RT: 16.05 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108267

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.6	11.0	16.4

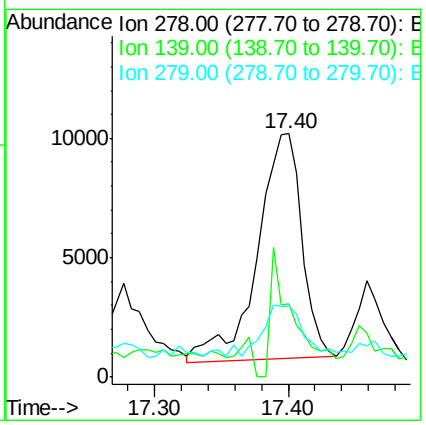


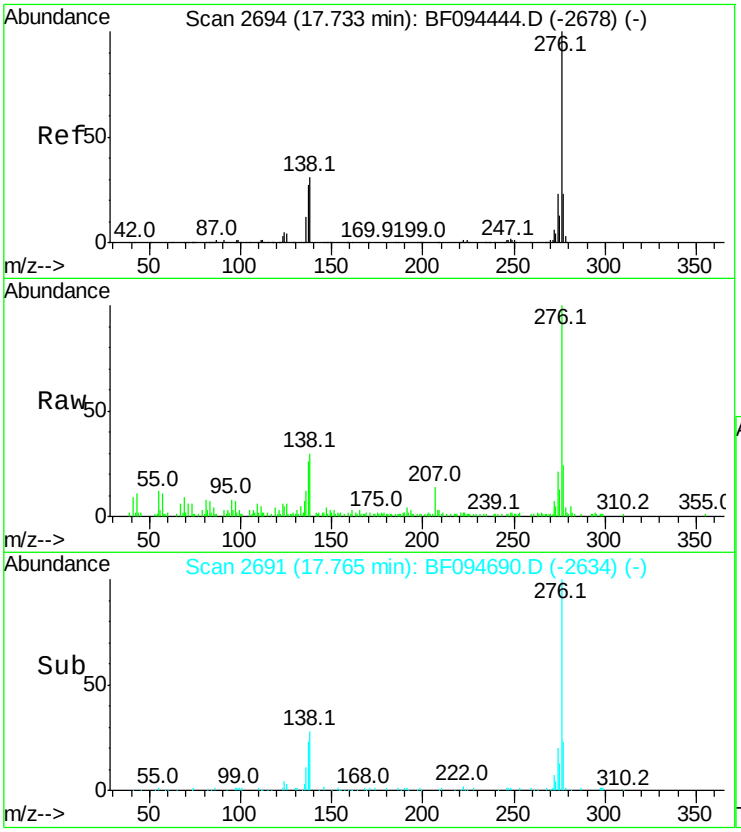


#90
Dibenzo(a,h)anthracene
Concen: 2.94 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:278 Resp: 21948

Ion	Ratio	Lower	Upper
278	100		
139	30.3	16.6	24.8#
279	28.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.48 ng
RT: 17.77 min Scan# 2691
Delta R.T. 0.03 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64522

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	29.8	25.4	38.0