Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094526.D
Acq On : 19 Apr 2017 20:03
Operator : SJ/MA
Sample : I2750-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-T5-WSW

Quant Time: Apr 20 07:58:02 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	125345	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	517873	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	206942	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	413916	20.00	ng	0.00
75) Chrysene-d12	14.47	240	274966	20.00	ng	0.00
86) Perylene-d12	16.09	264	251705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1058169	140.06	ng	0.02
7) Phenol-d6	5.40	99	1401679	157.37	ng	0.00
23) Nitrobenzene-d5	6.42	82	849396	101.28	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	280218	173.12	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1375251	97.78	ng	0.00
78) Terphenyl-d14	13.19	244	1024244	99.57	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.41	94	31966	2.92	ng	90
31) Naphthalene	7.29	128	219231	8.81	ng	97
37) 2-Methylnaphthalene	8.12	142	73247	4.30	ng	99
49) Dimethylphthalate	9.08	163	414464	26.87	ng	99
51) Acenaphthene	9.43	154	122006	9.72	ng	98
54) Dibenzofuran	9.65	168	144650	7.93	ng	97
57) Fluorene	10.07	166	175393	12.35	ng	100
70) Phenanthrene	11.25	178	1328035	56.98	ng	98
71) Anthracene	11.31	178	295975	12.28	ng	97
72) Carbazole	11.51	167	167538	7.40	ng	97
74) Fluoranthene	12.71	202	1135715	47.01	ng	99
77) Pyrene	12.98	202	1065819	55.48	ng	98
80) Benzo(a)anthracene	14.45	228	321535	20.12	ng	98
82) Chrysene	14.49	228	316506	21.67	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	187919	13.52	ng	93
87) Benzo(b)fluoranthene	15.69	252	340272m	22.10	ng	
88) Benzo(k)fluoranthene	15.71	252	140431m	9.64	ng	
89) Benzo(a)pyrene	16.03	252	303075	21.16	ng	97
90) Dibenzo(a,h)anthracene	17.37	278	40806m	3.43	ng	
91) Benzo(g,h,i)perylene	17.73	276	199803	16.50	ng	99

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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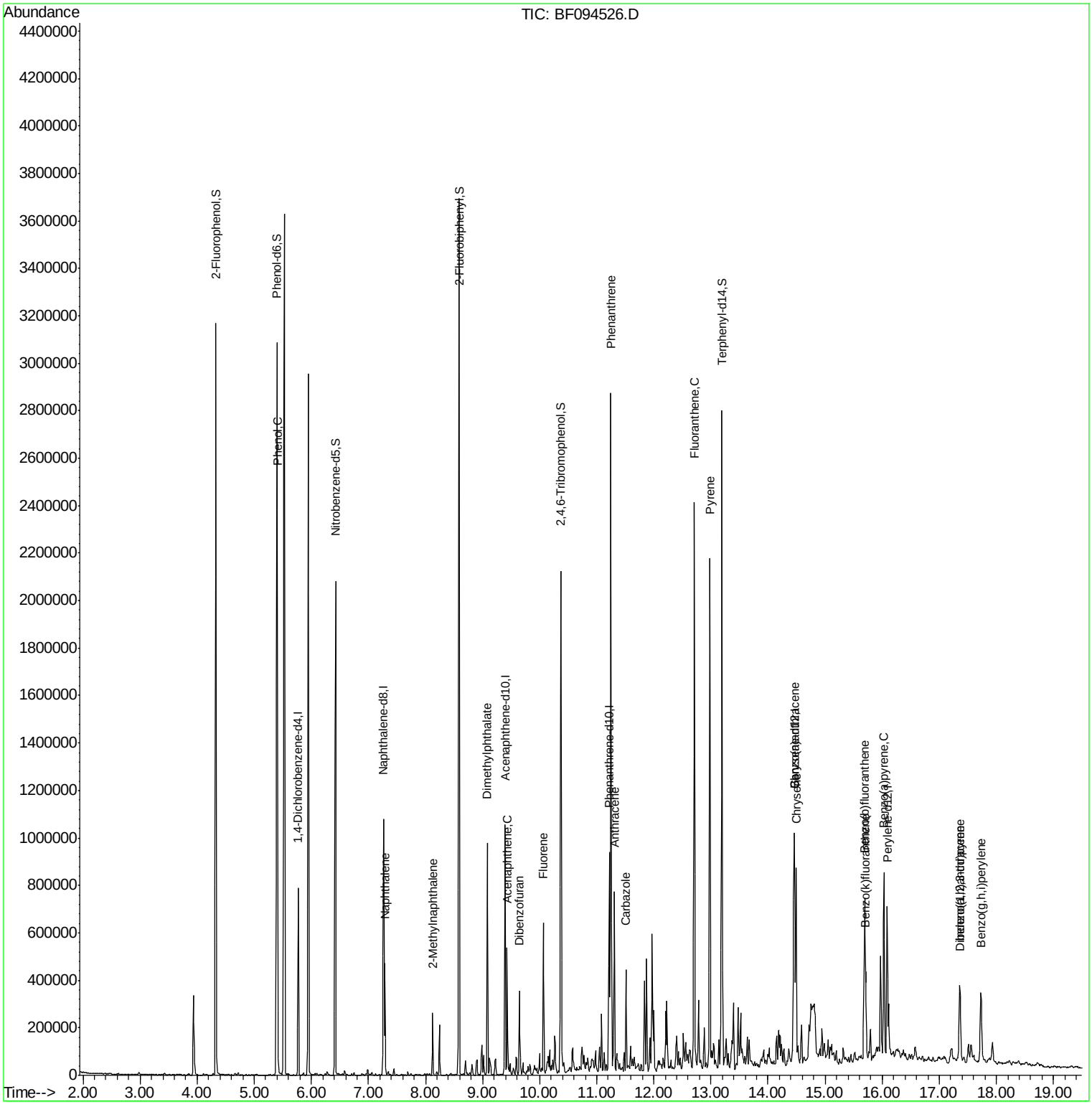
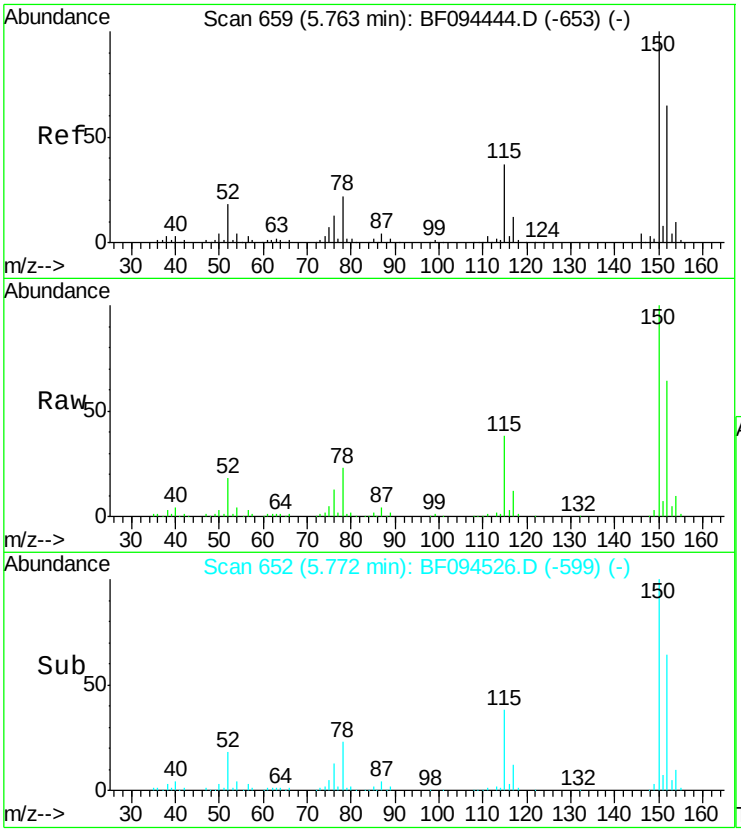


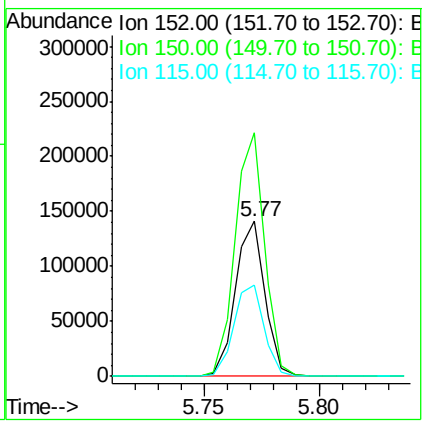


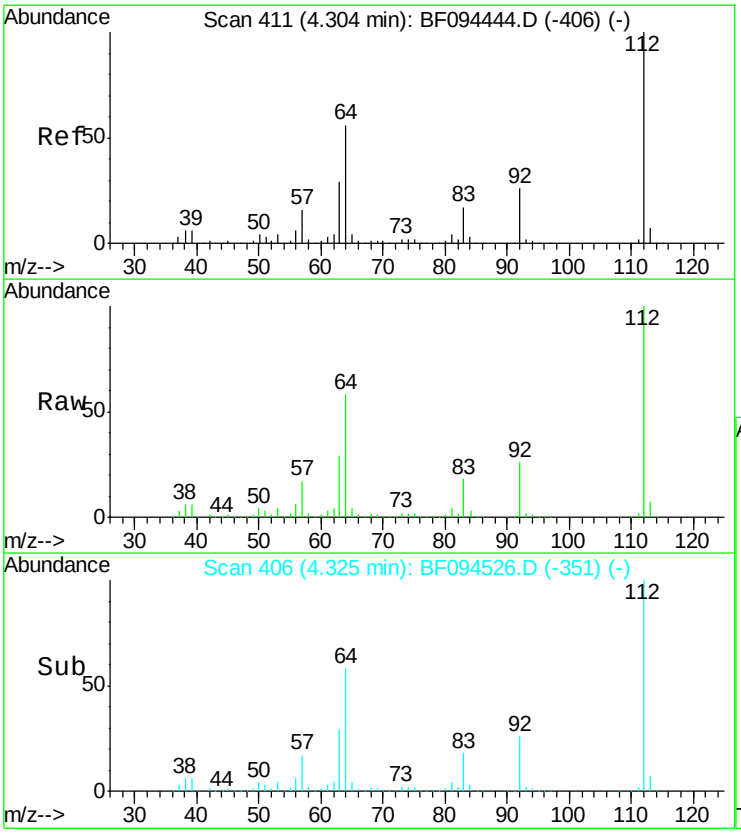
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:152 Resp: 125345

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	59.2	52.2	78.2

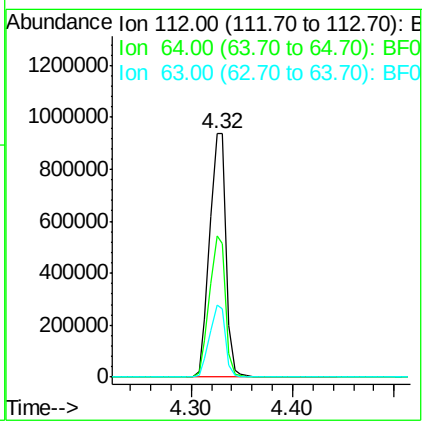


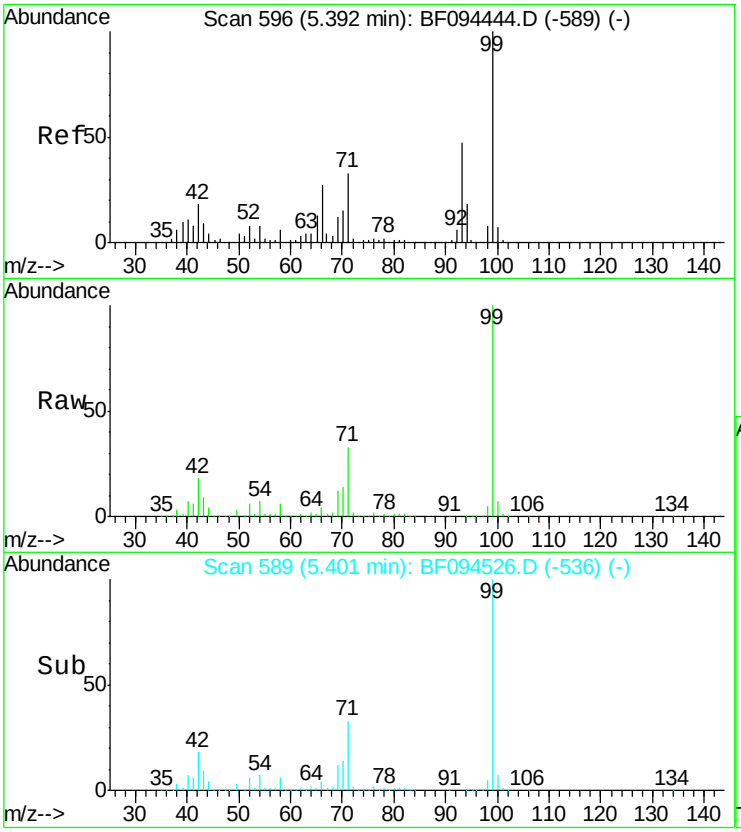


#5
2-Fluorophenol
Concen: 140.06 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:112 Resp: 1058169

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	29.5	23.4	35.0



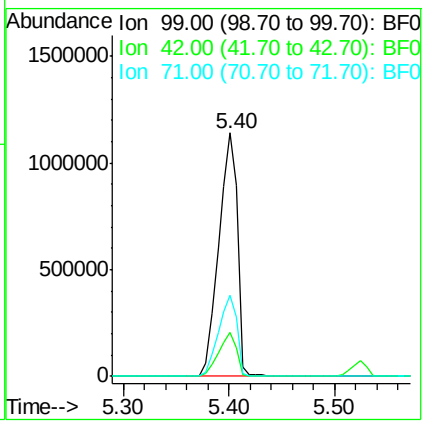


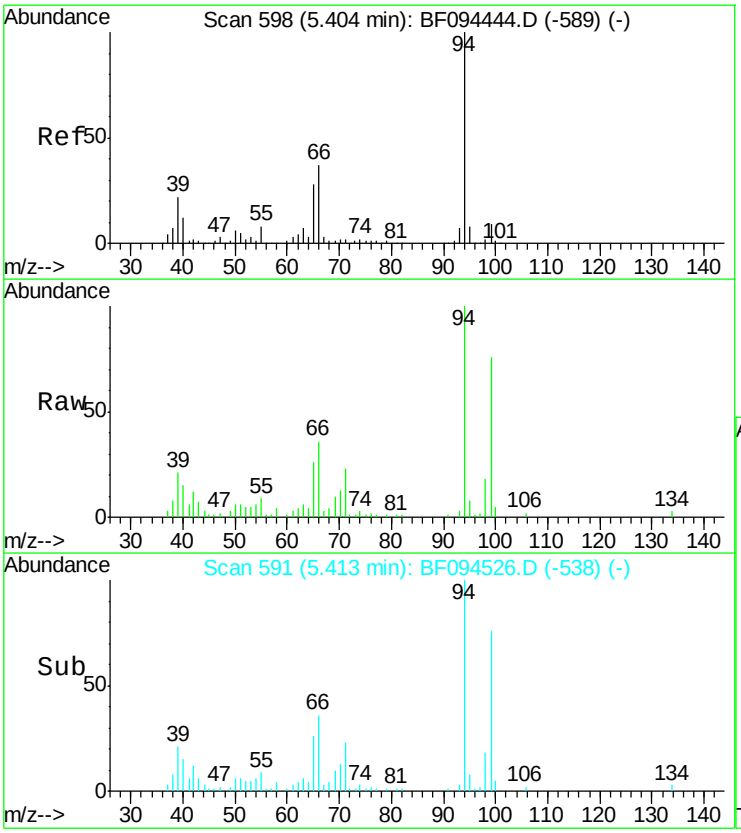
#7
Phenol-d6
Concen: 157.37 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion: 99 Resp: 1401679

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.3	24.5	36.7

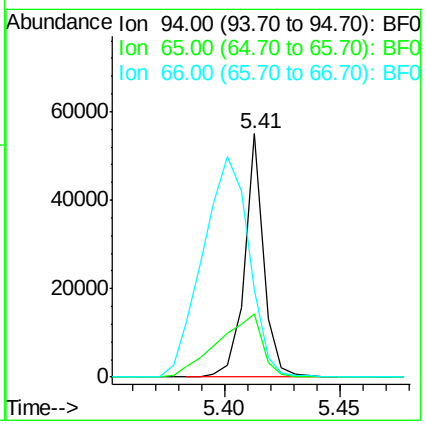


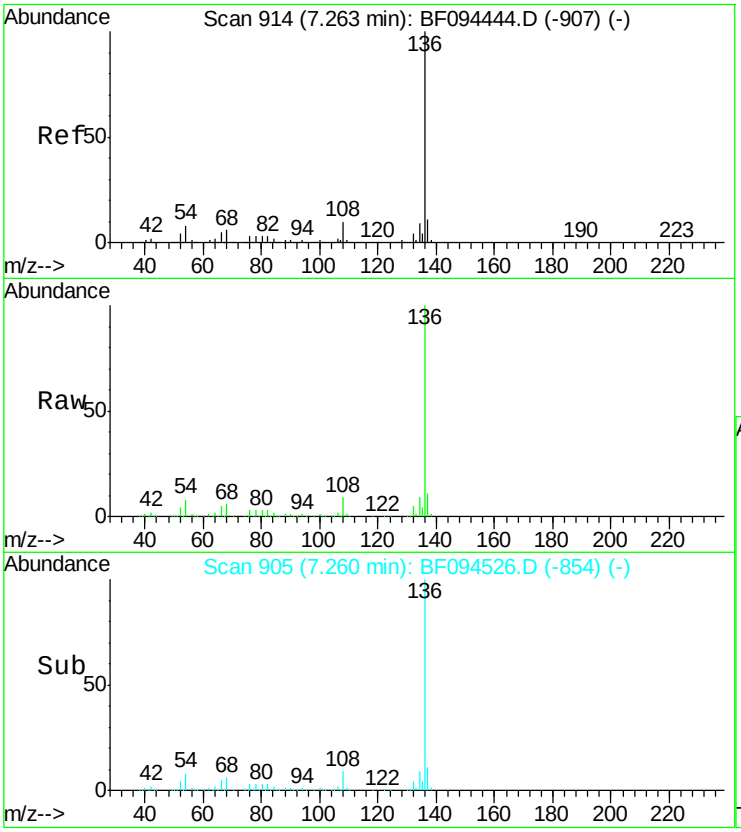


#10
Phenol
Concen: 2.92 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion: 94 Resp: 31966

Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	35.7	23.1	63.1



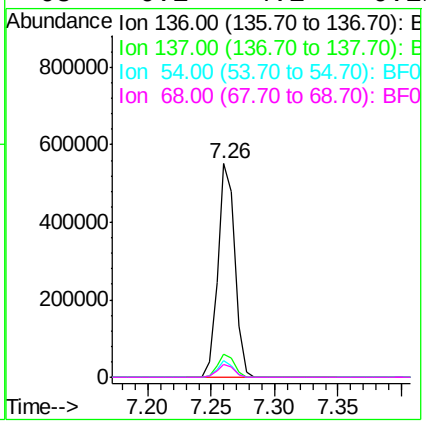


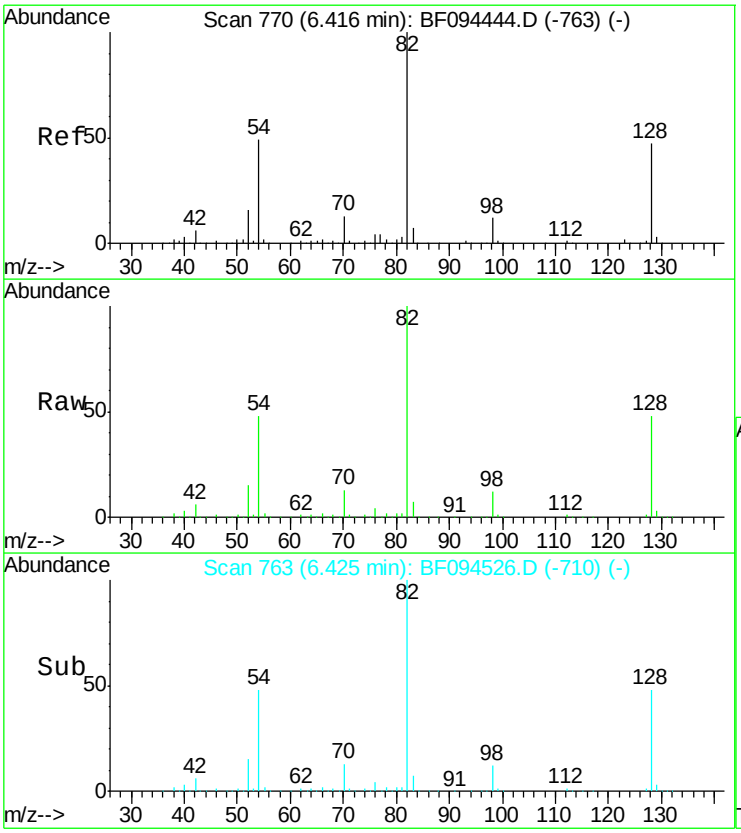
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:136 Resp: 517873

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.6	4.9	7.3#
68	6.1	4.1	6.1#

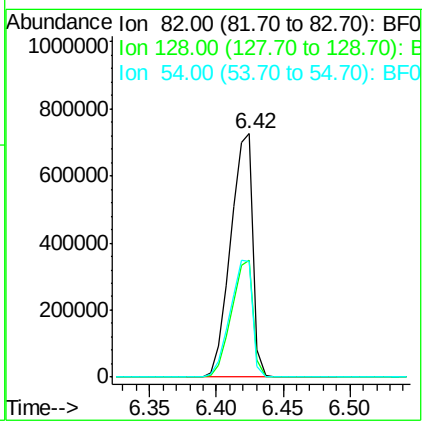


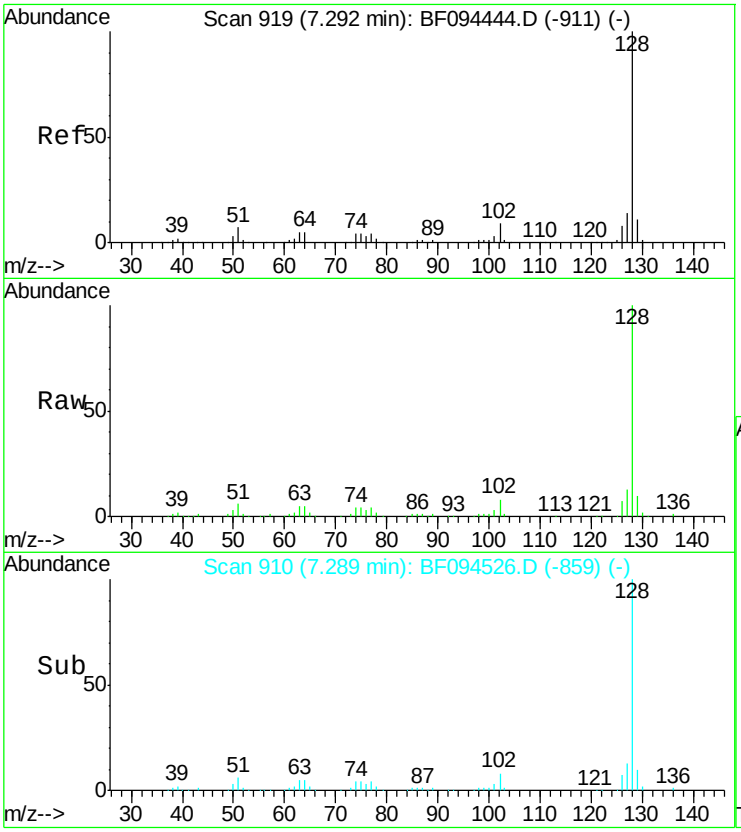


#23
Nitrobenzene-d5
Concen: 101.28 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion: 82 Resp: 849396

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	47.6	42.2	63.2



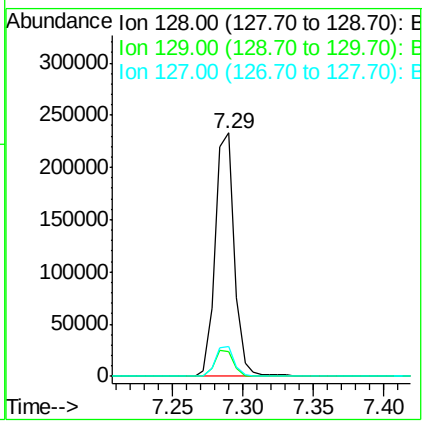


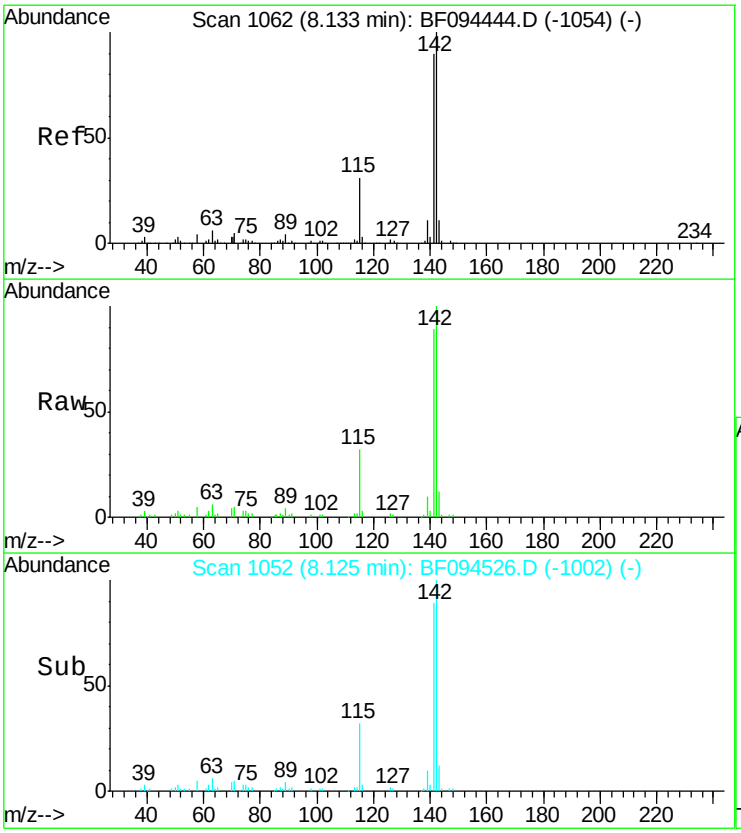
#31
Naphthalene
Concen: 8.81 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:128 Resp: 219231

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	12.5	10.8	16.2

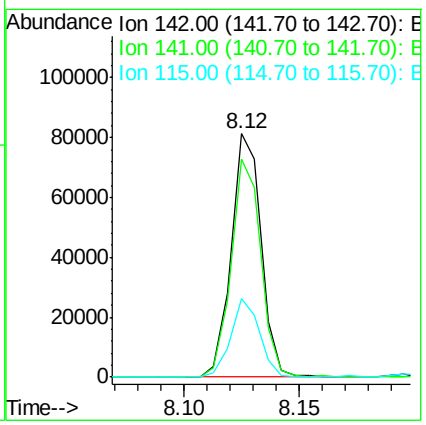


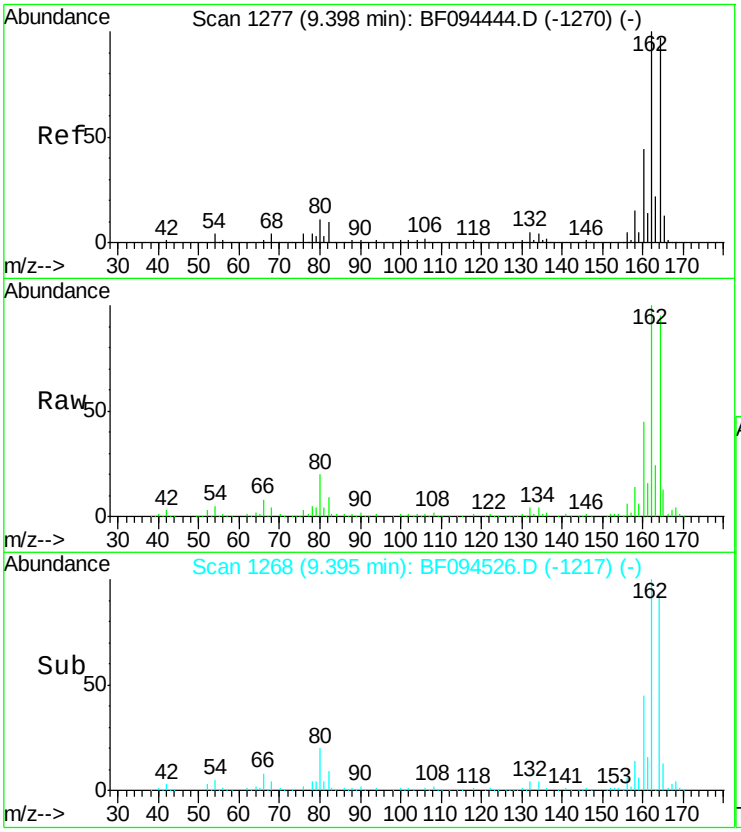


#37
2-Methylnaphthalene
Concen: 4.30 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:142 Resp: 73247

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.0	27.1	40.7



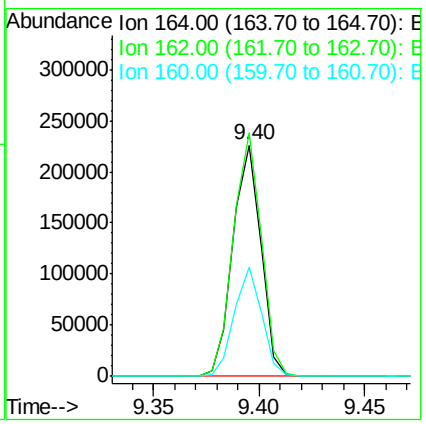


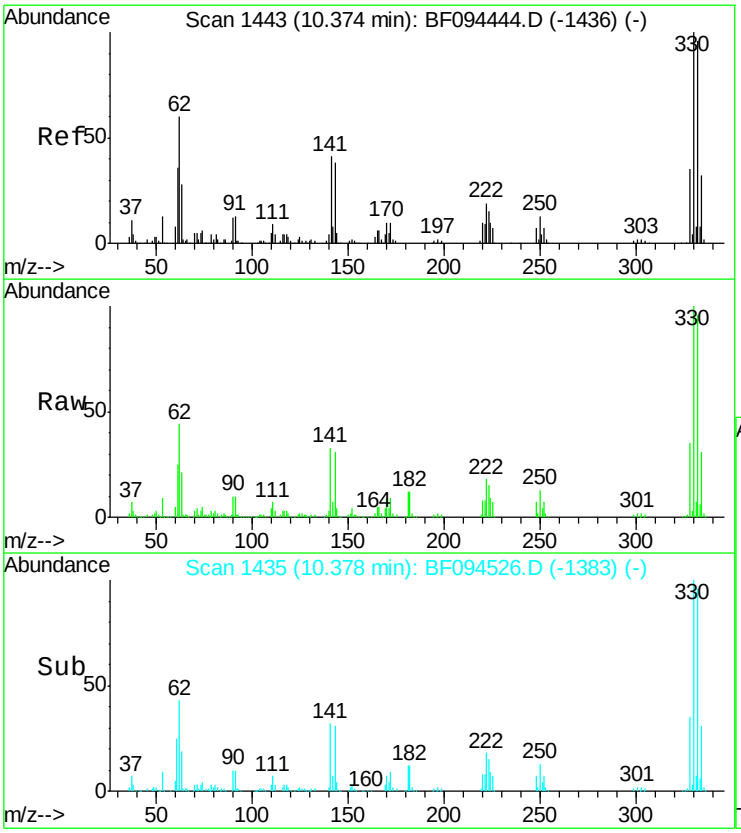
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:164 Resp: 206942

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	47.1	36.2	54.2

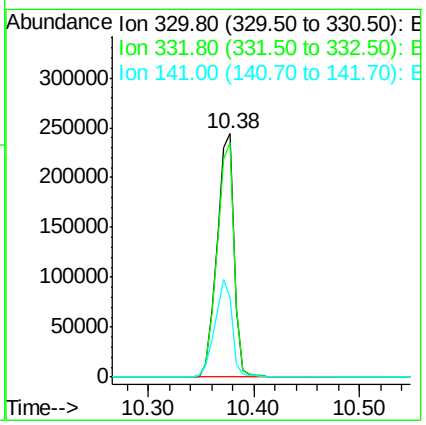


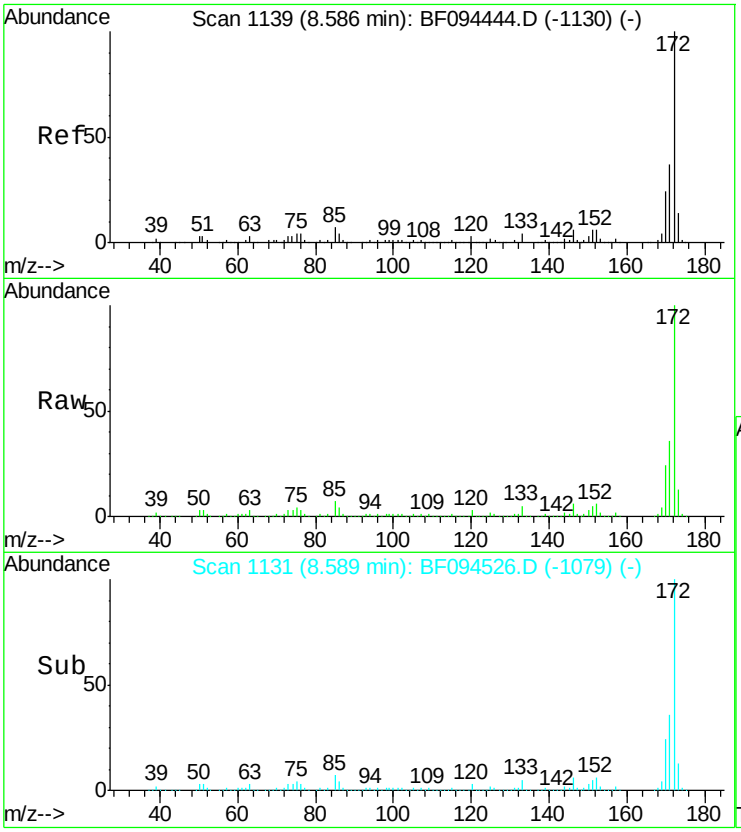


#41
2,4,6-Tribromophenol
Concen: 173.12 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:330 Resp: 280218

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.5	31.4	47.2



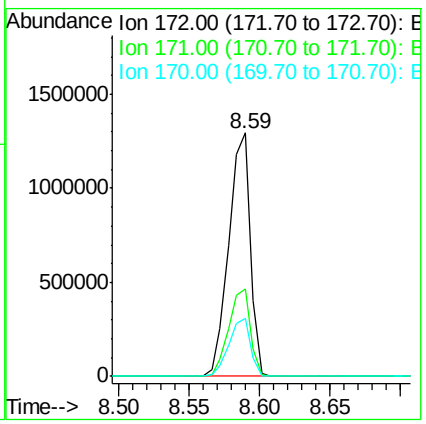


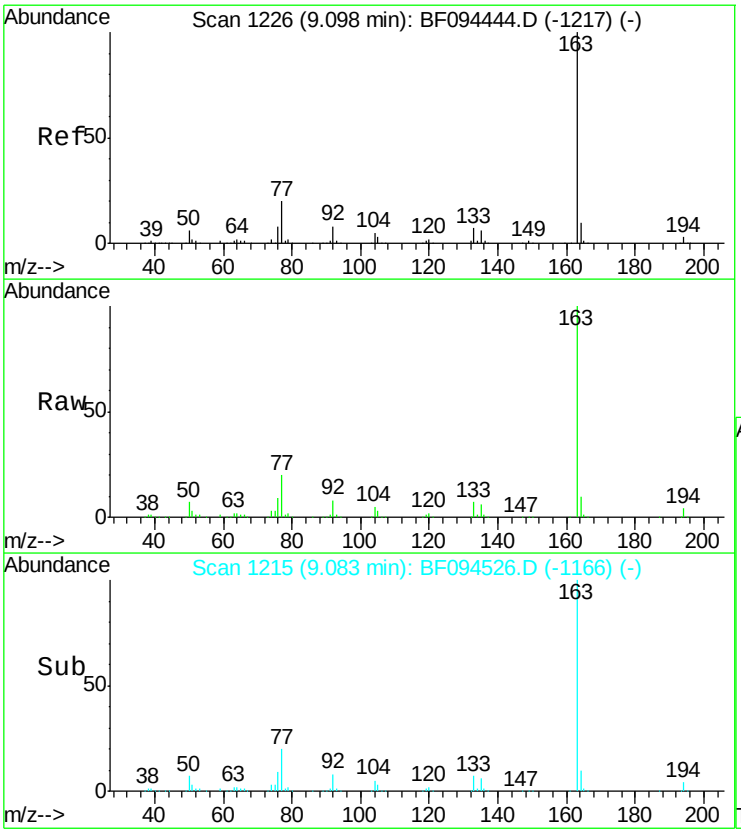
#44
2-Fluorobiphenyl
Concen: 97.78 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:172 Resp: 1375251

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

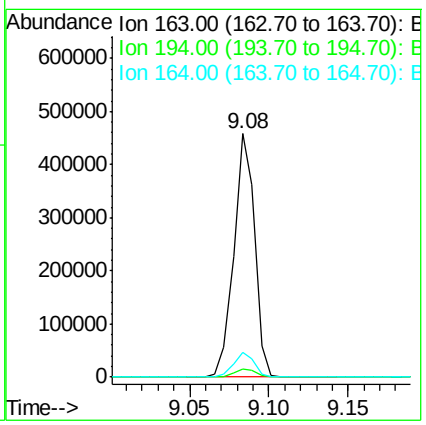


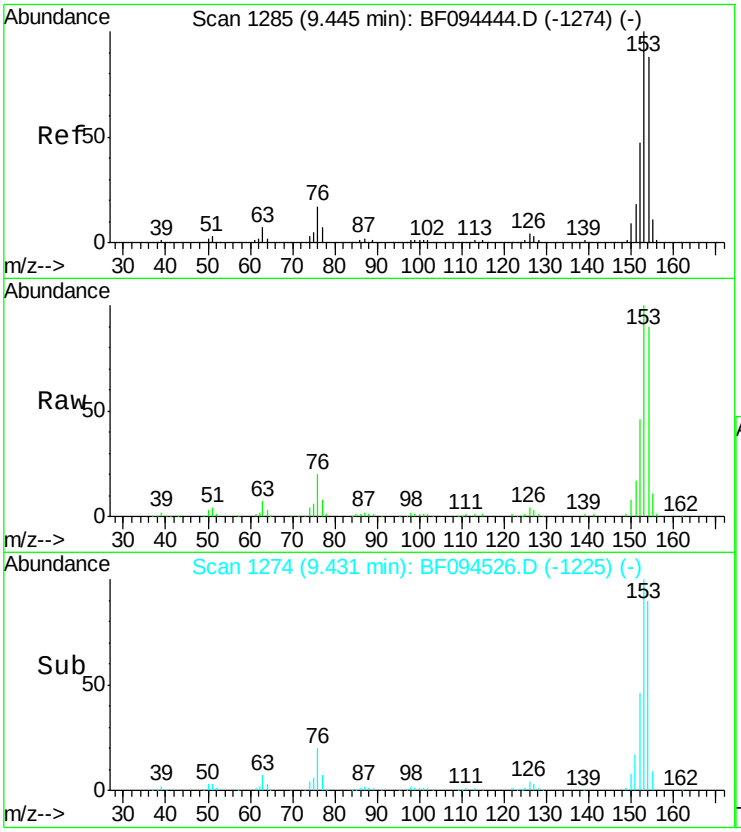


#49
Dimethylphthalate
Concen: 26.87 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:163 Resp: 414464

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6



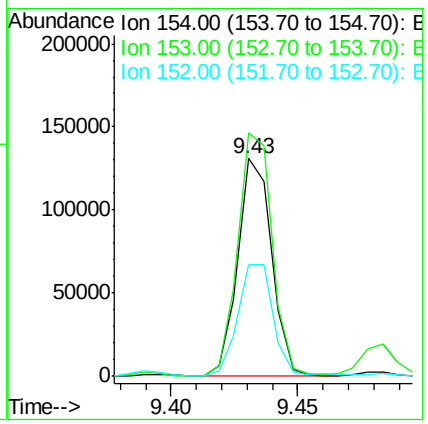


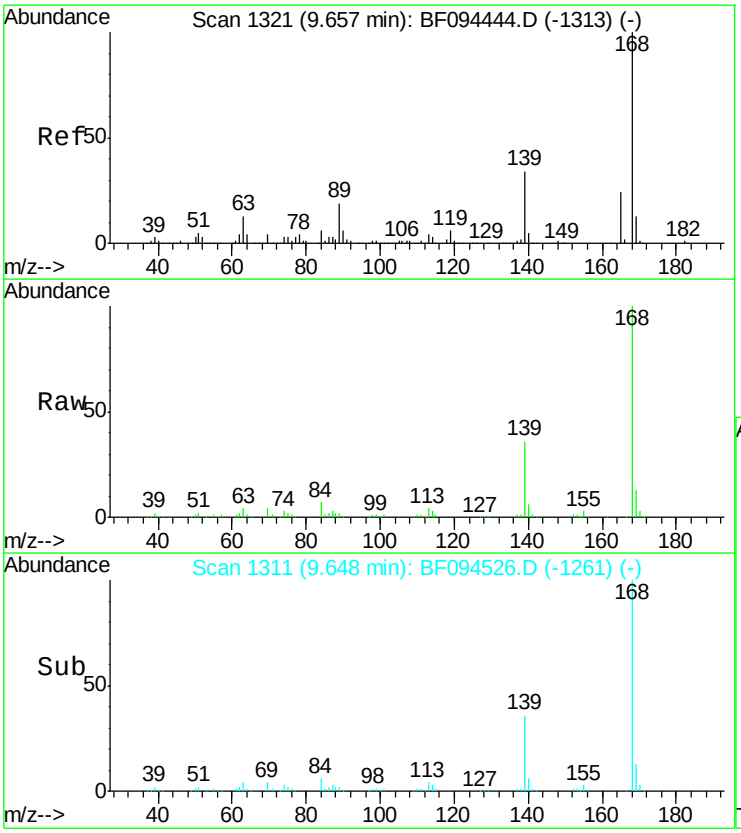
#51
Acenaphthene
Concen: 9.72 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:154 Resp: 122006

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	51.6	43.6	65.4

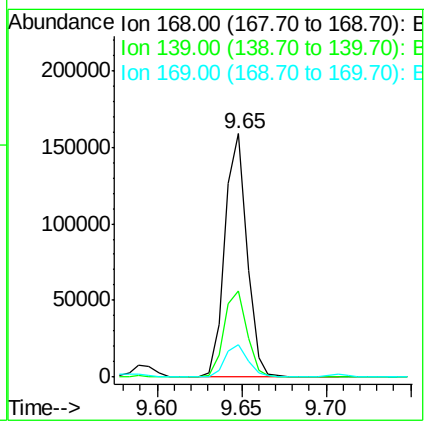


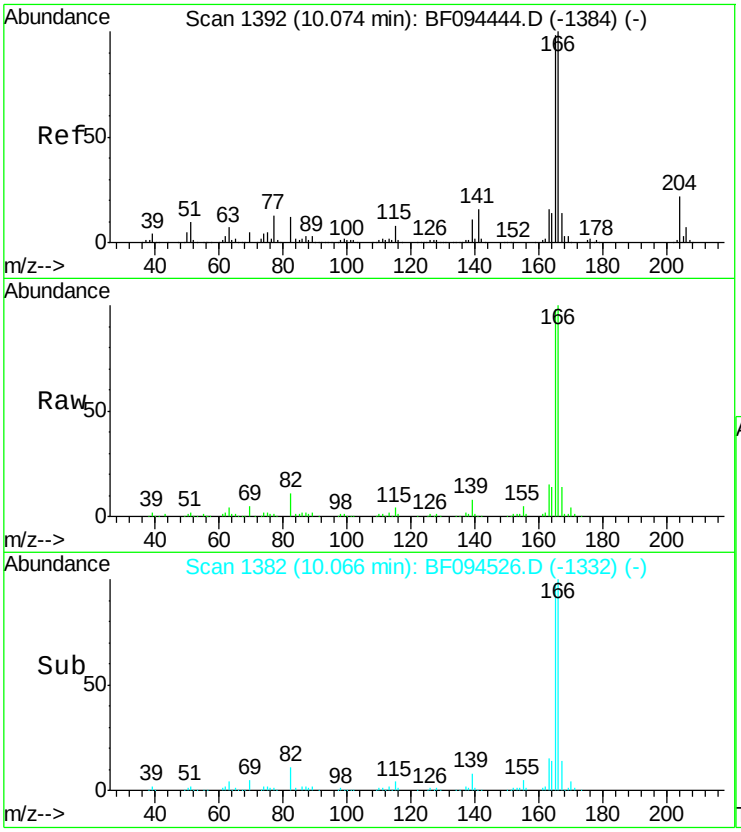


#54
Dibenzofuran
Concen: 7.93 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:168 Resp: 144650

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.6	45.8
169	13.1	10.8	16.2



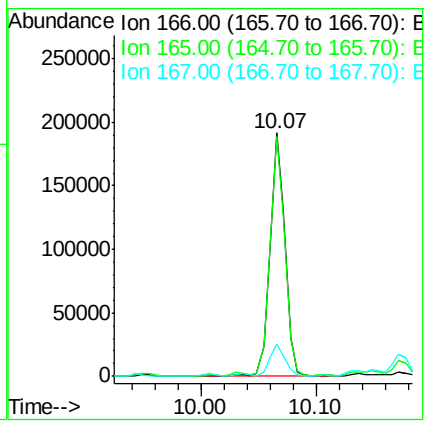


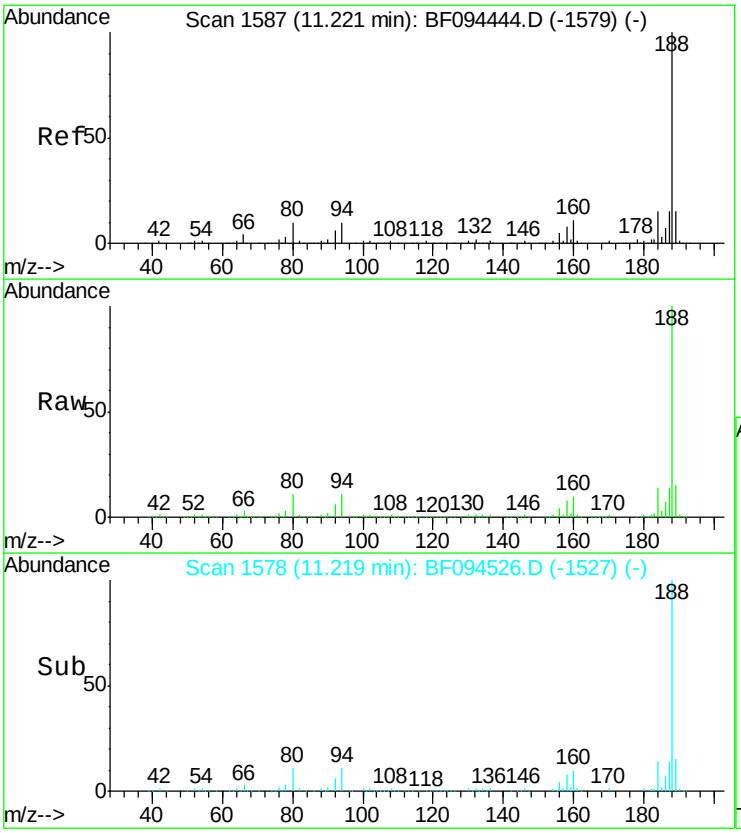
#57
Fluorene
Concen: 12.35 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:166 Resp: 175393

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.5	10.6	16.0

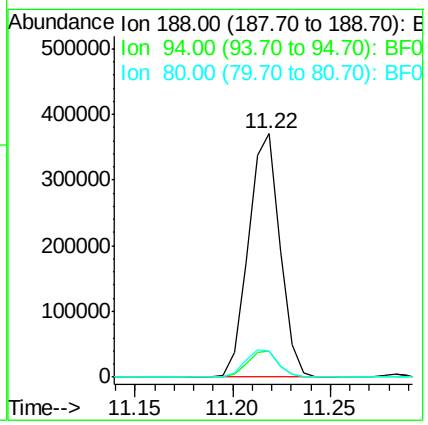


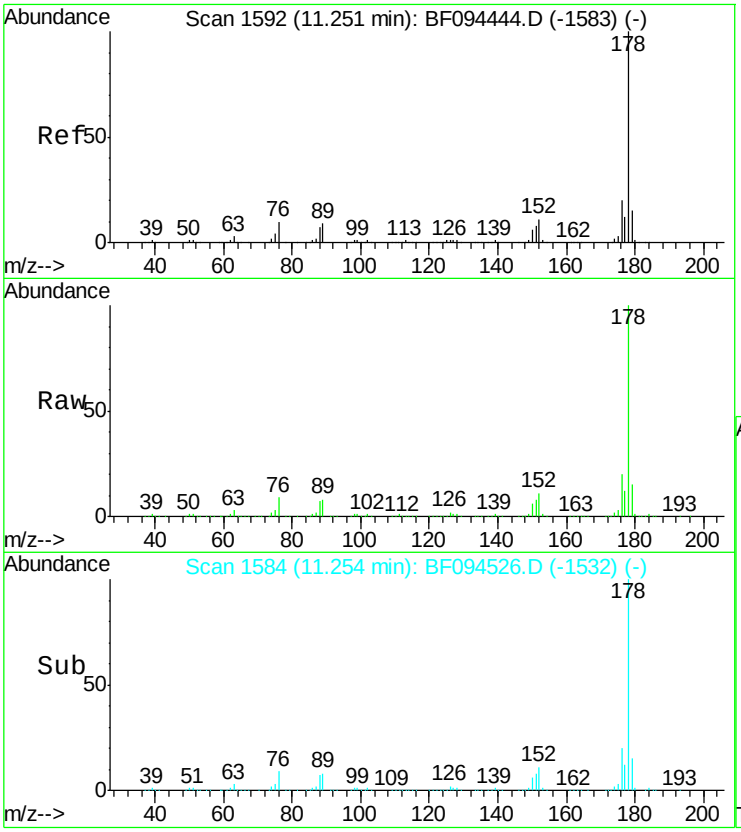


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:188 Resp: 413916

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.9	10.2	15.2



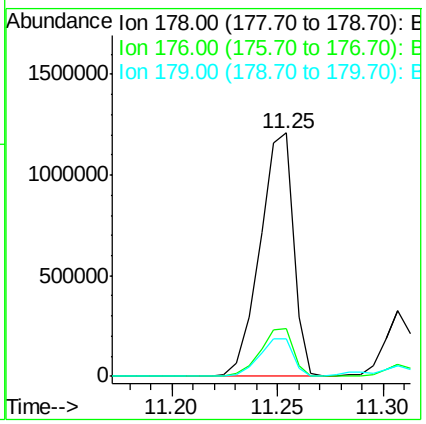


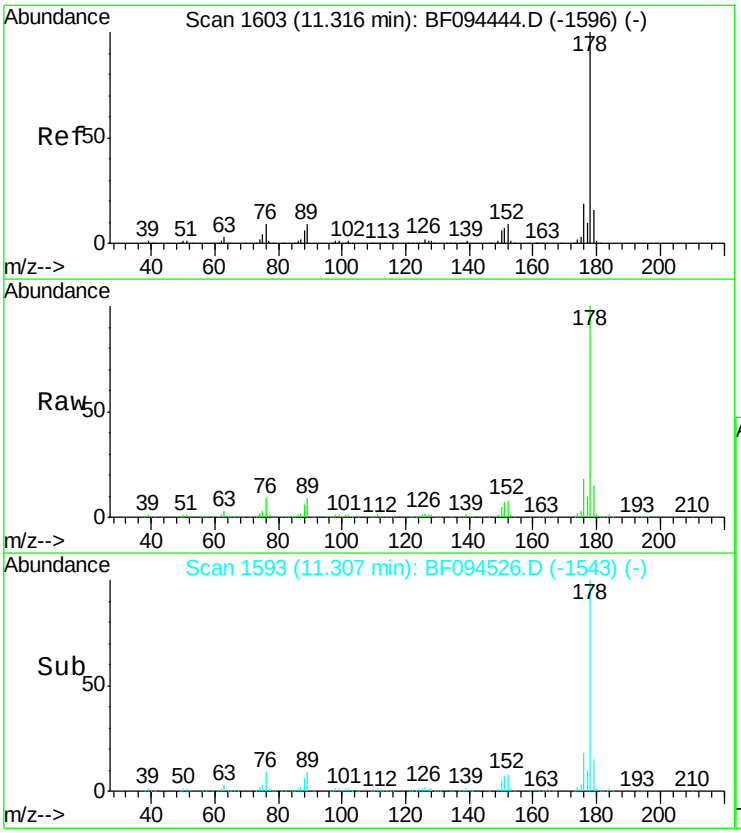
#70
Phenanthrene
Concen: 56.98 ng
RT: 11.25 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:178 Resp: 1328035

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.2	12.6	19.0

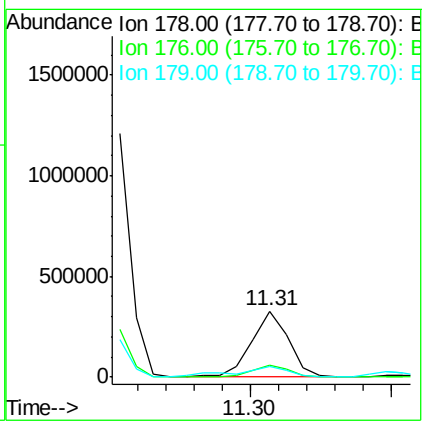


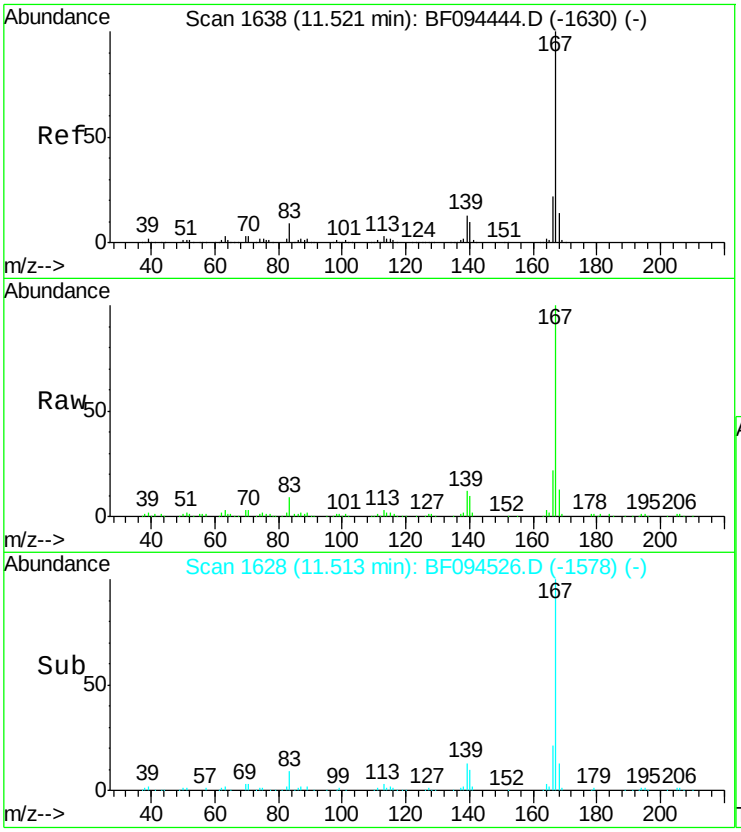


#71
Anthracene
Concen: 12.28 ng
RT: 11.31 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:178 Resp: 295975

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.5	12.7	19.1



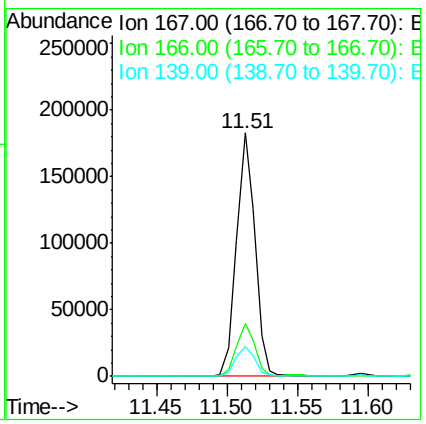


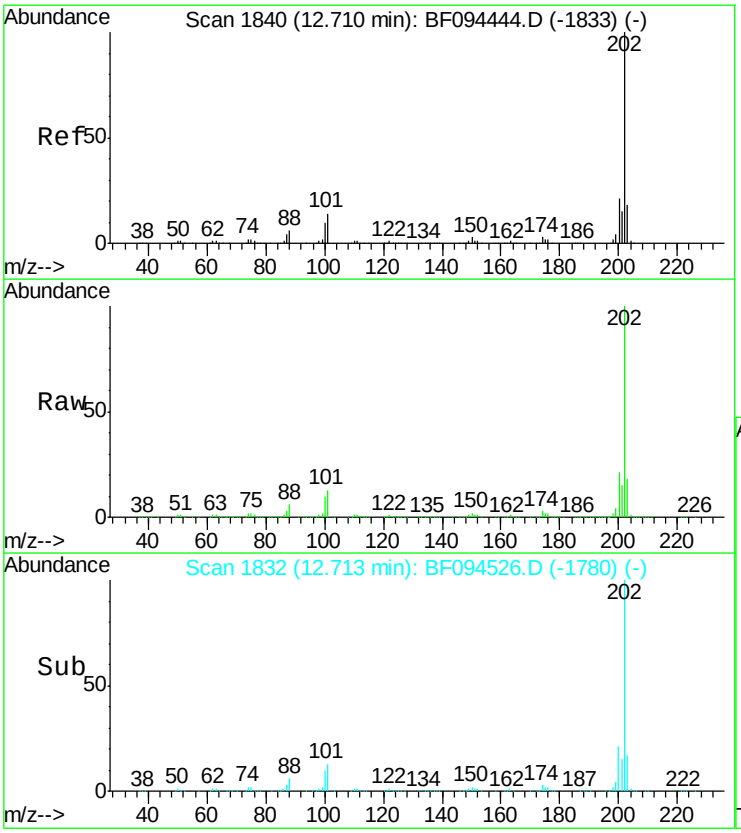
#72
Carbazole
Concen: 7.40 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:167 Resp: 167538

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.5	11.7	17.5

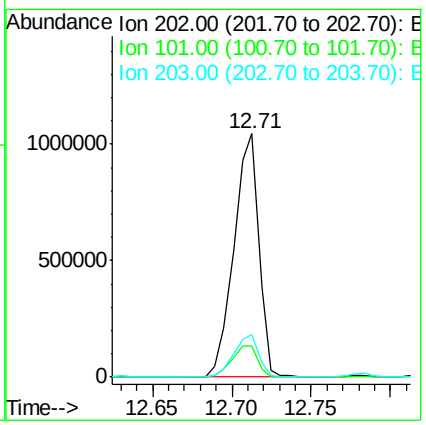


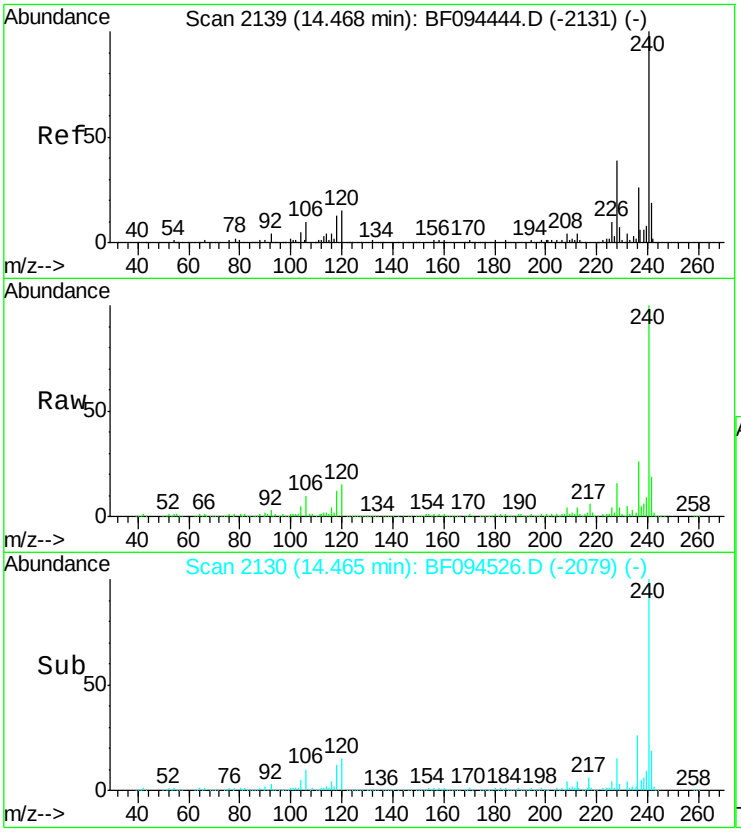


#74
Fluoranthene
Concen: 47.01 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:202 Resp: 1135715

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.6	0.0	38.1



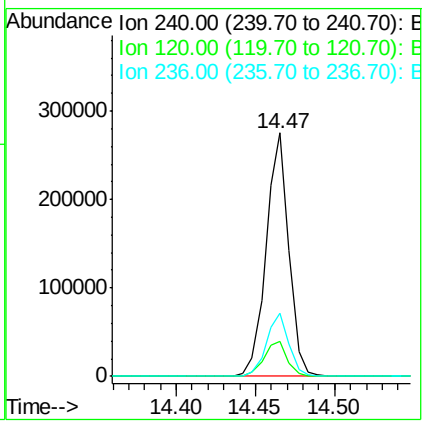


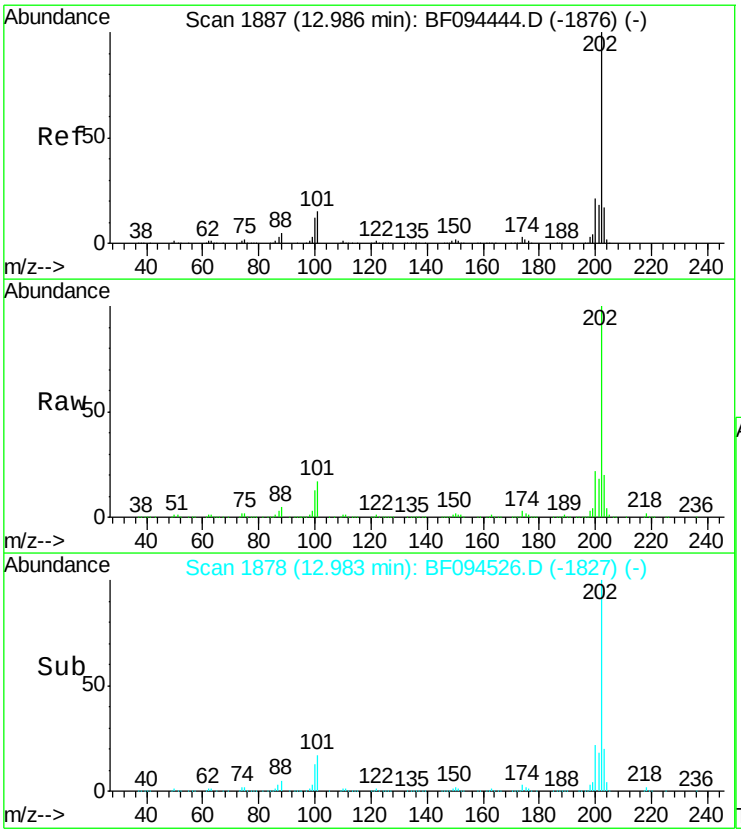
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:240 Resp: 274966

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7

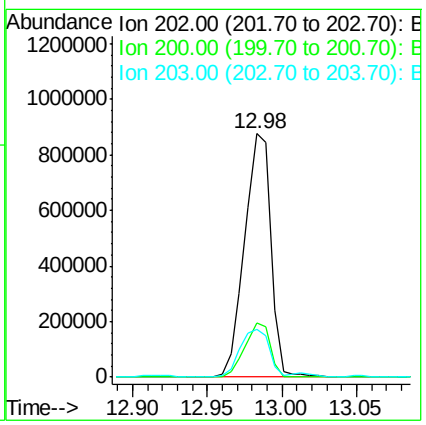


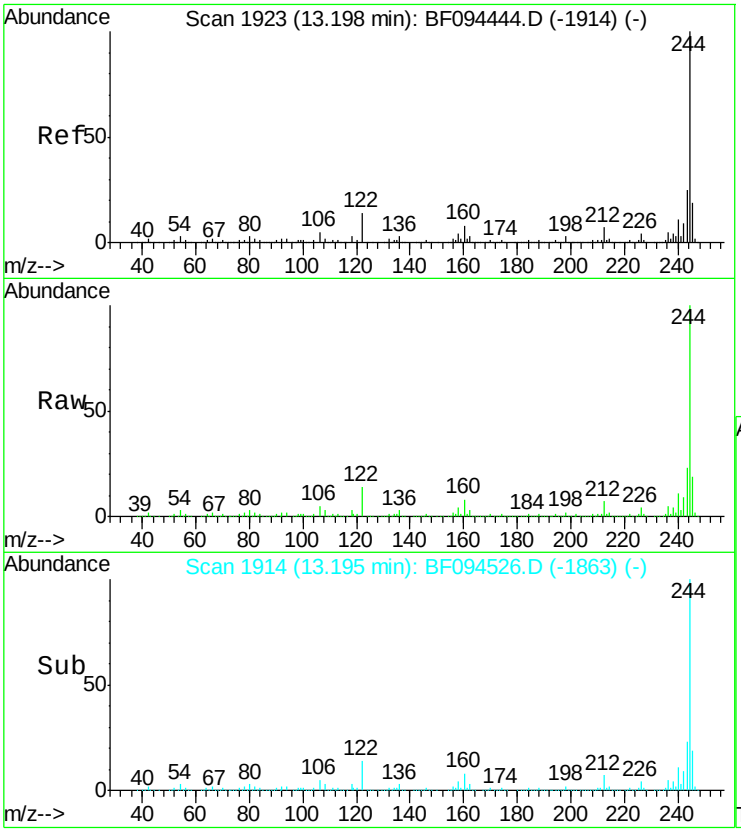


#77
Pyrene
Concen: 55.48 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:202 Resp: 1065819

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.8	14.4	21.6



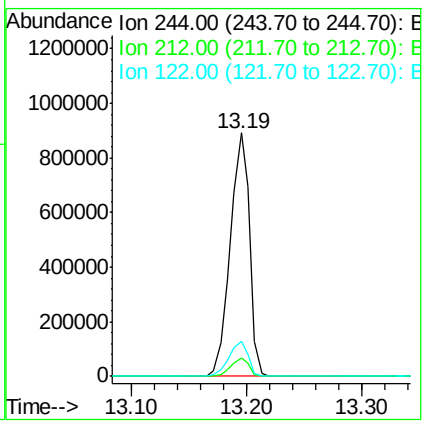


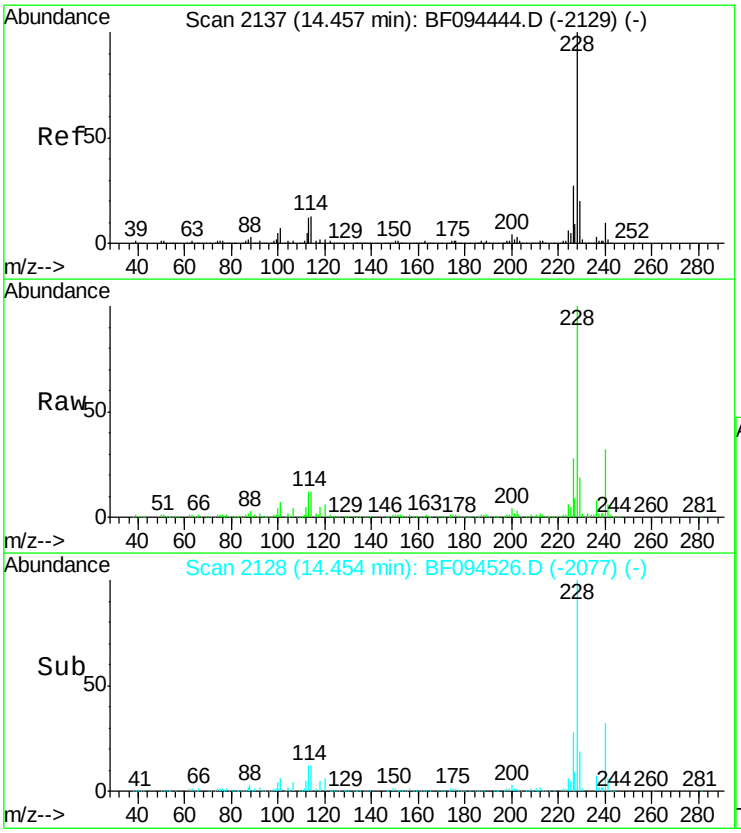
#78
Terphenyl-d14
Concen: 99.57 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:244 Resp: 1024244

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5

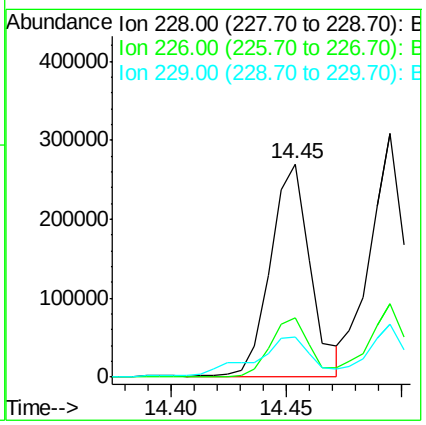


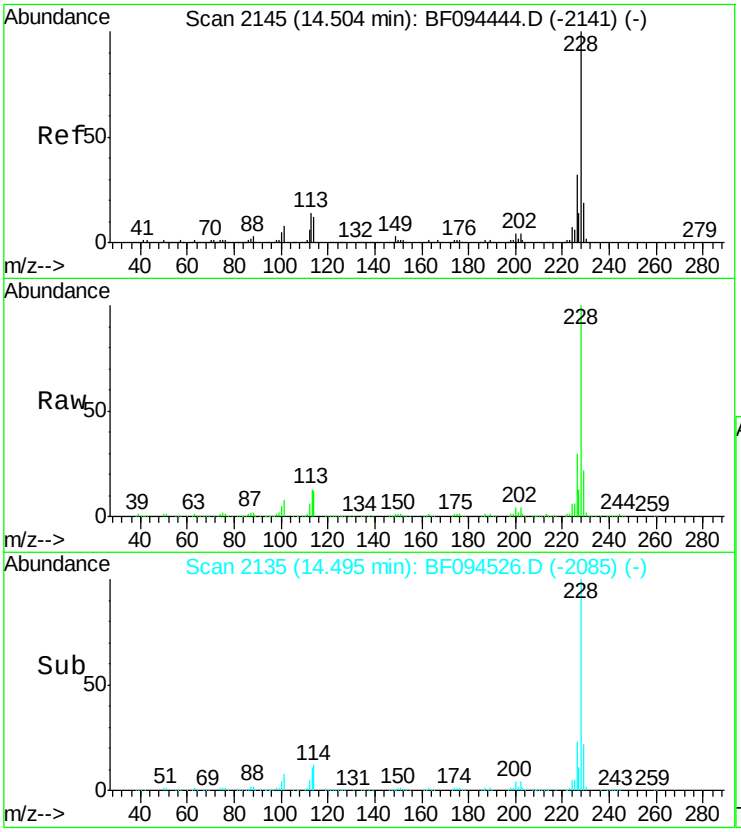


#80
Benzo(a)anthracene
Concen: 20.12 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:228 Resp: 321535

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	18.9	16.3	24.5



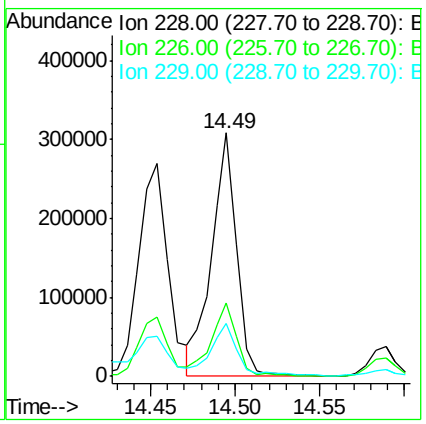


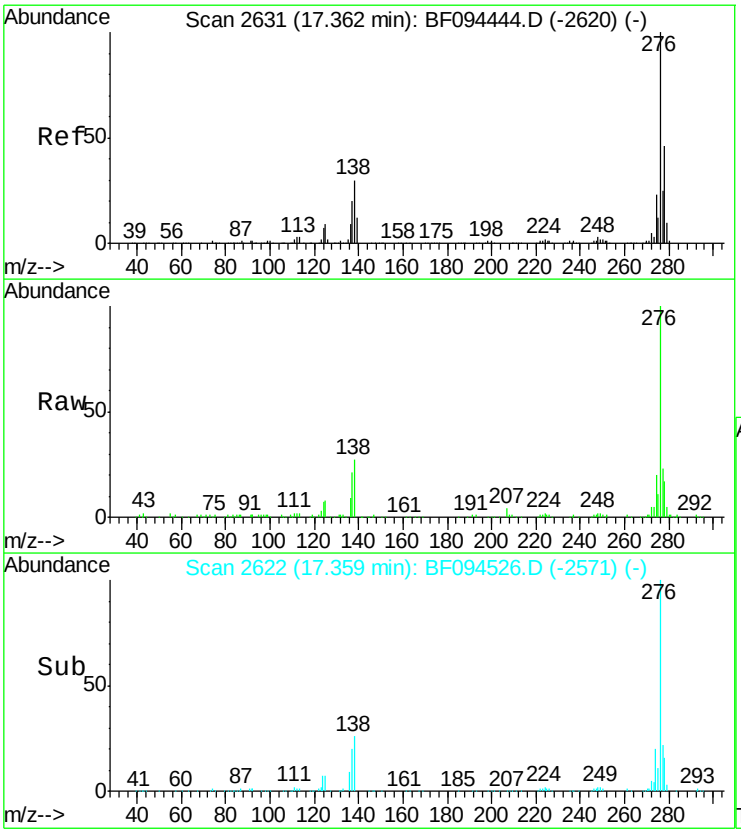
#82
Chrysene
Concen: 21.67 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:228 Resp: 316506

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.6	15.8	23.6

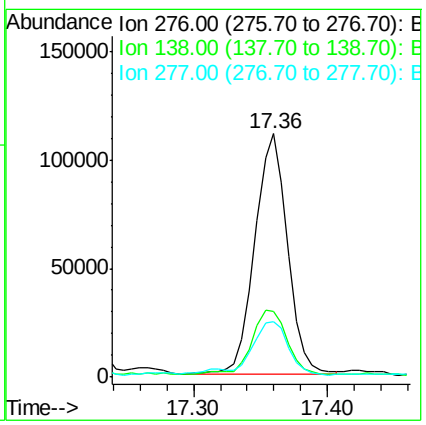


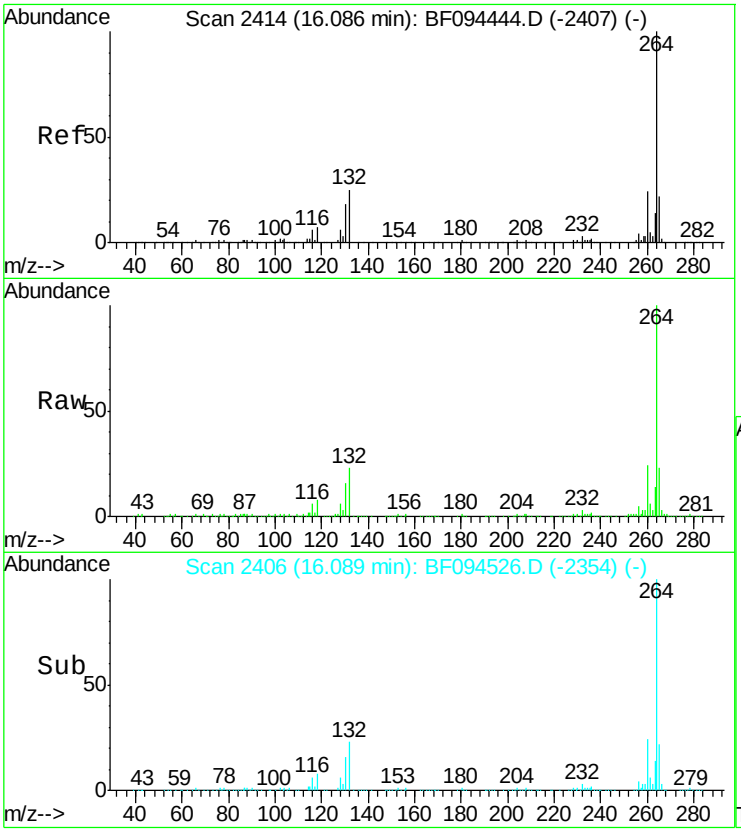


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.52 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:276 Resp: 187919

Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	23.6	20.2	30.4



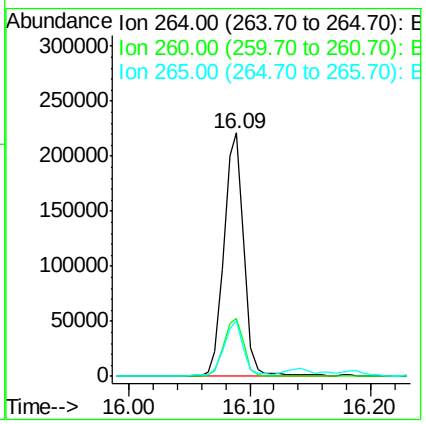


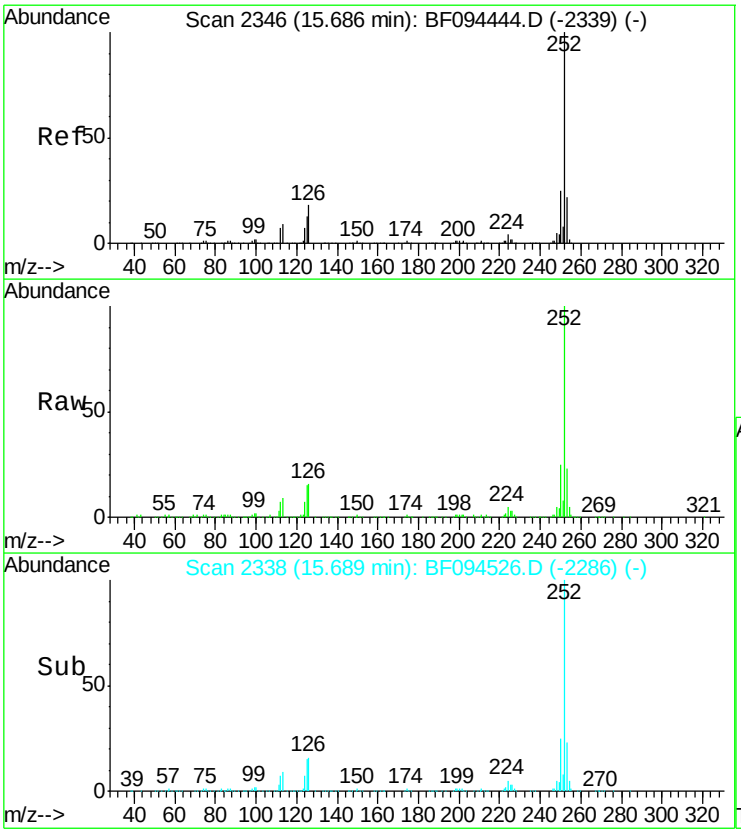
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:264 Resp: 251705

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.6	17.2	25.8

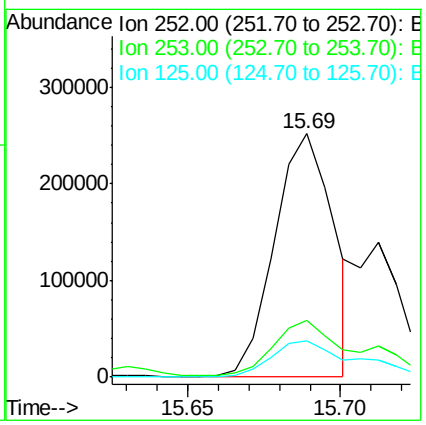


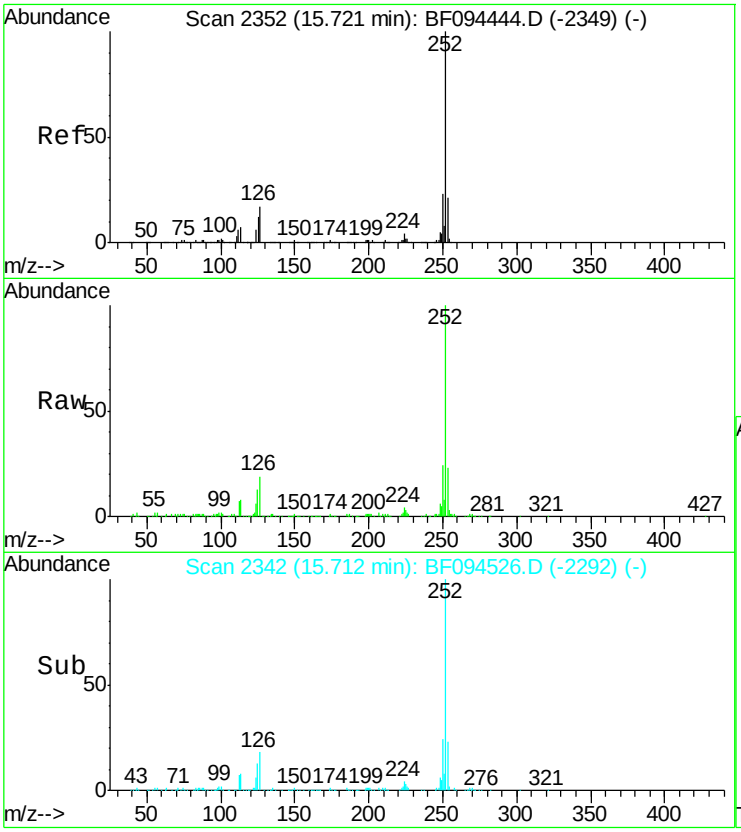


#87
Benzo(b)fluoranthene
Concen: 22.10 ng m
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:252 Resp: 340272

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.7	9.8	14.8



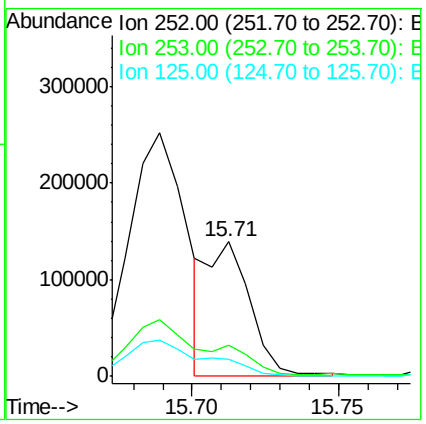


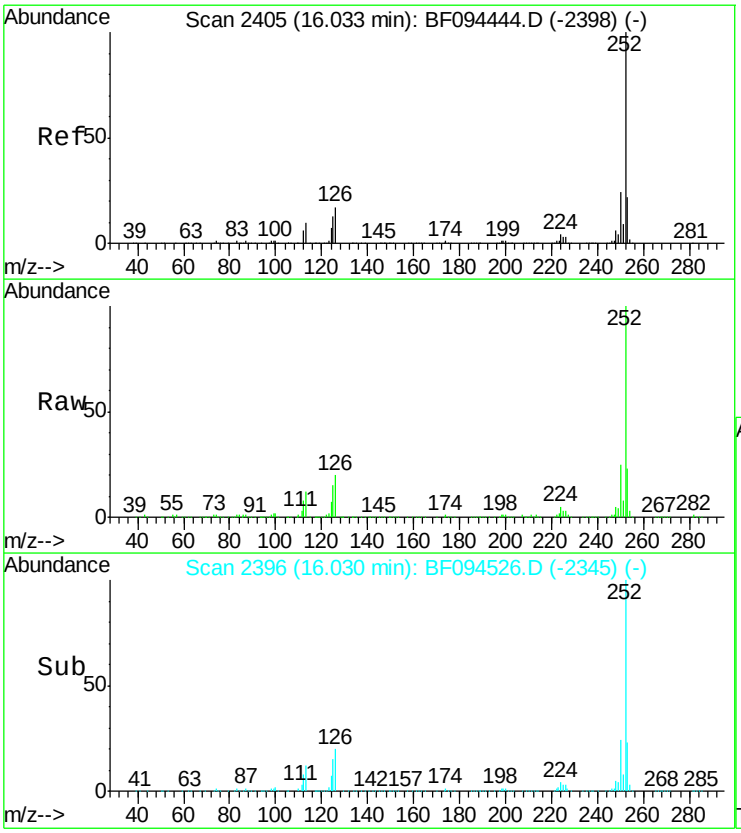
#88
Benzo(k)fluoranthene
Concen: 9.64 ng m
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:252 Resp: 140431

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	13.1	13.1	19.7#

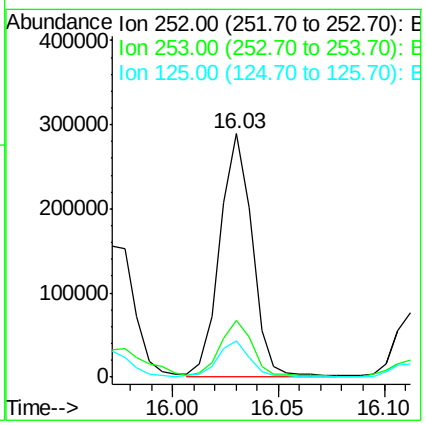


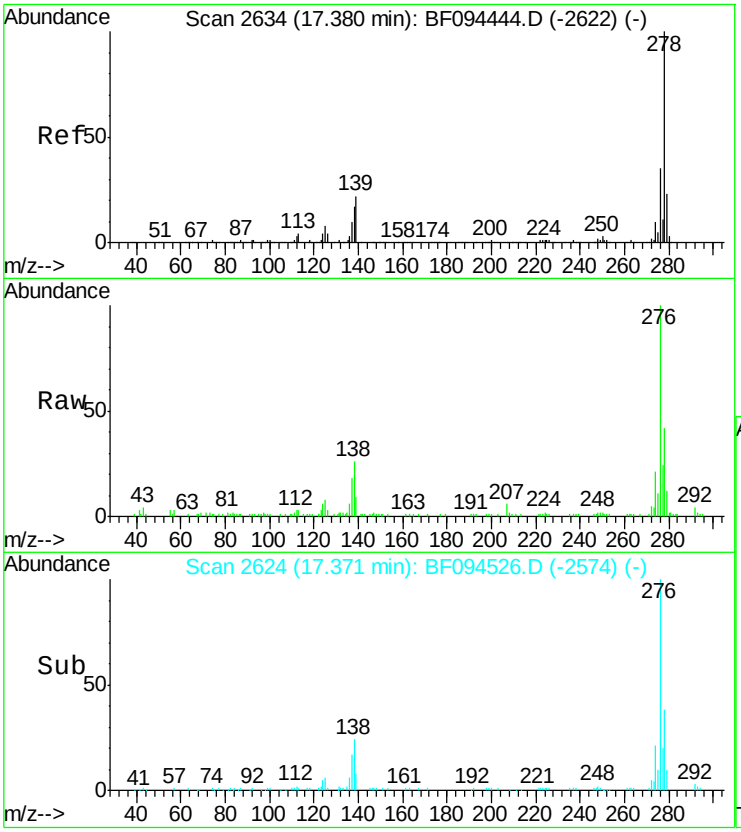


#89
Benzo(a)pyrene
Concen: 21.16 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:252 Resp: 303075

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.7	11.0	16.4



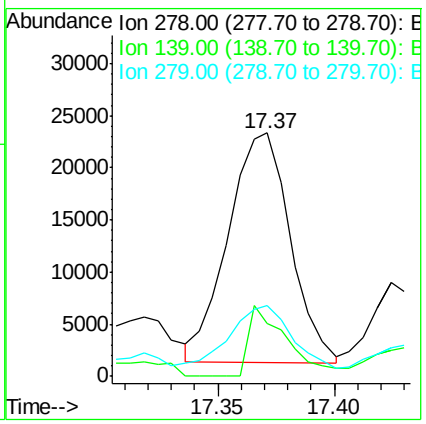


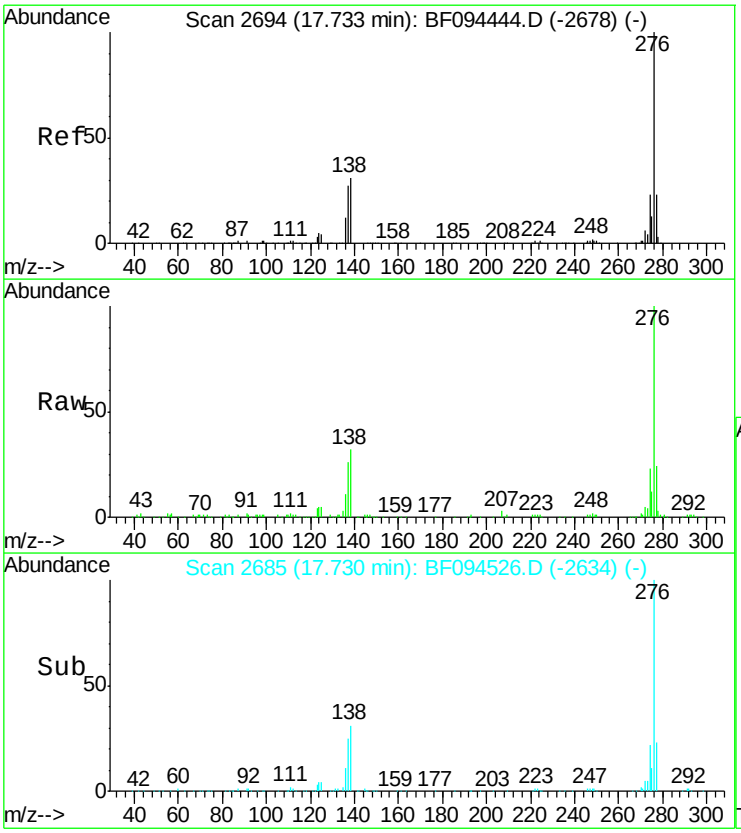
#90
Dibenzo(a,h)anthracene
Concen: 3.43 ng m
RT: 17.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :
E2-T5-WSW

Tgt Ion:278 Resp: 40806

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	28.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 16.50 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:276 Resp: 199803

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	32.1	25.4	38.0