Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094015.D
Acq On : 29 Mar 2017 1:39
Operator : SJ/MA
Sample : I2414-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S12-BASE

Quant Time: Mar 29 02:42:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	172546	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	708985	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	322742	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	528029	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	345037	20.00	ng		-0.04
86) Perylene-d12	16.28	264	285431	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	980797	96.01	ng		-0.01
7) Phenol-d6	5.53	99	1281206	101.38	ng		-0.02
23) Nitrobenzene-d5	6.57	82	838660	67.51	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	251056	98.44	ng		-0.03
44) 2-Fluorobiphenyl	8.76	172	1442189	68.16	ng		-0.02
78) Terphenyl-d14	13.37	244	976504	63.44	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.57	70	111407	13.72	ng	#	77
31) Naphthalene	7.45	128	224603	6.59	ng		99
33) 4-Chloroaniline	7.45	127	29123	2.11	ng	#	33
37) 2-Methylnaphthalene	8.30	142	91099	4.01	ng		97
48) Acenaphthylene	9.39	152	103129	3.05	ng		98
49) Dimethylphthalate	9.25	163	113610	4.95	ng		100
50) 2,6-Dinitrotoluene	9.57	165	45917	8.73	ng	#	35
54) Dibenzofuran	9.82	168	114084	4.24	ng		98
70) Phenanthrene	11.42	178	393971	13.41	ng		98
71) Anthracene	11.49	178	104279	3.45	ng		97
74) Fluoranthene	12.89	202	579262	19.26	ng		98
77) Pyrene	13.16	202	477537	19.07	ng		98
80) Benzo(a)anthracene	14.67	228	234046	11.63	ng		95
82) Chrysene	14.63	228	225130	12.06	ng		92
85) Indeno(1,2,3-cd)pyrene	17.63	276	134943	8.34	ng		93
87) Benzo(b)fluoranthene	15.87	252	393271	22.48	ng	#	97
88) Benzo(k)fluoranthene	15.87	252	393271	22.97	ng		98
89) Benzo(a)pyrene	16.22	252	175577	10.90	ng		95
90) Dibenzo(a,h)anthracene	17.86	278	35674	2.61	ng		95
91) Benzo(g,h,i)perylene	18.03	276	117620	8.55	ng		97

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

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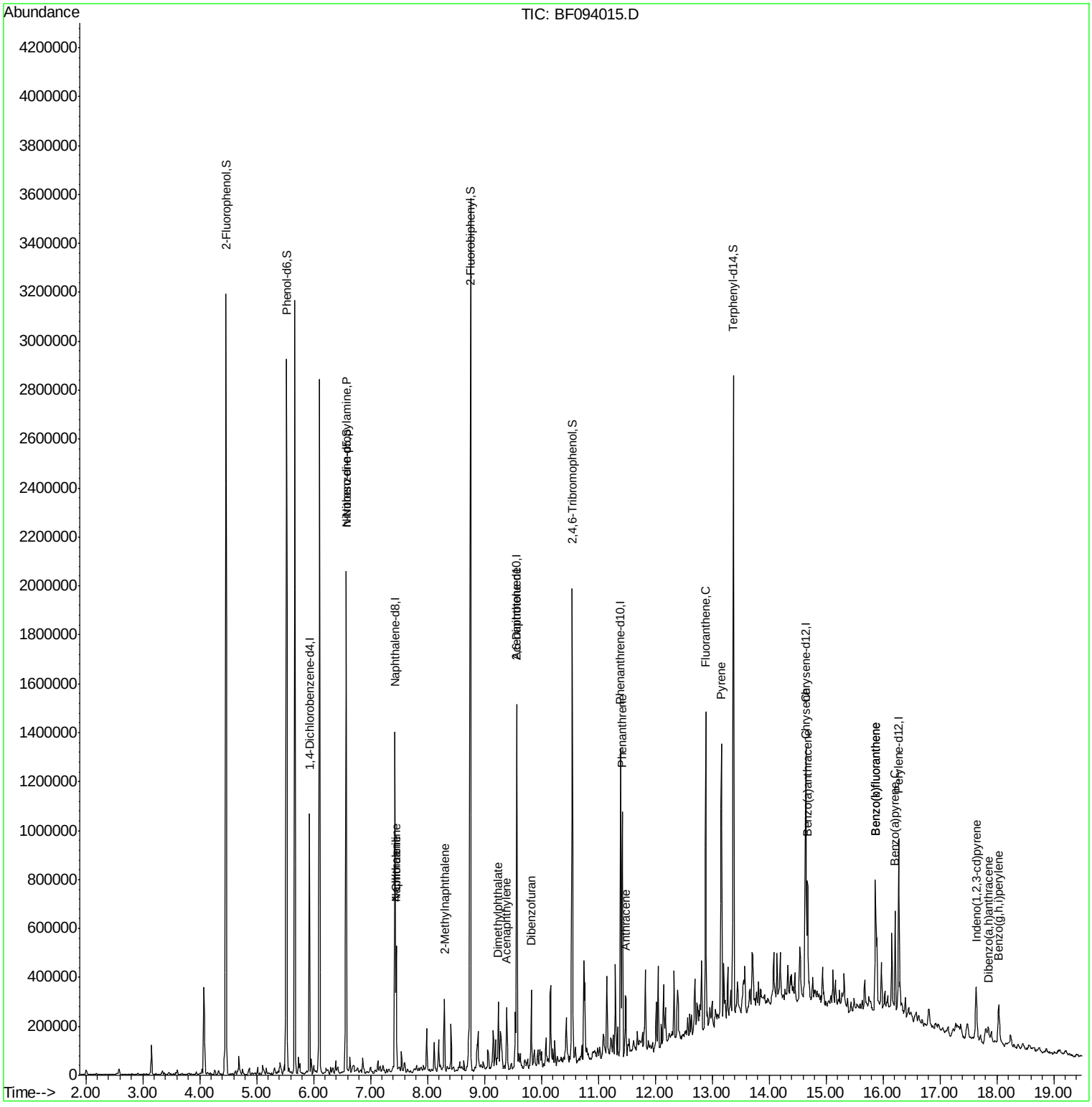
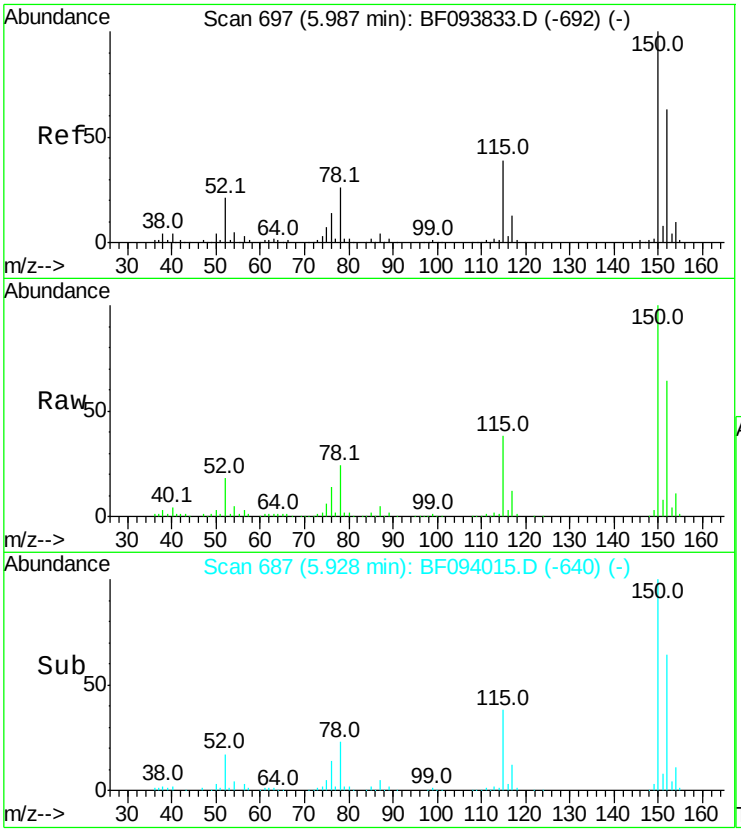


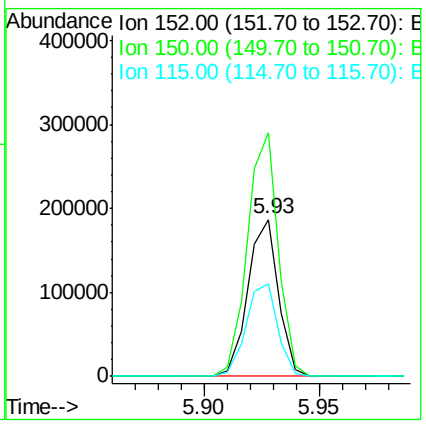


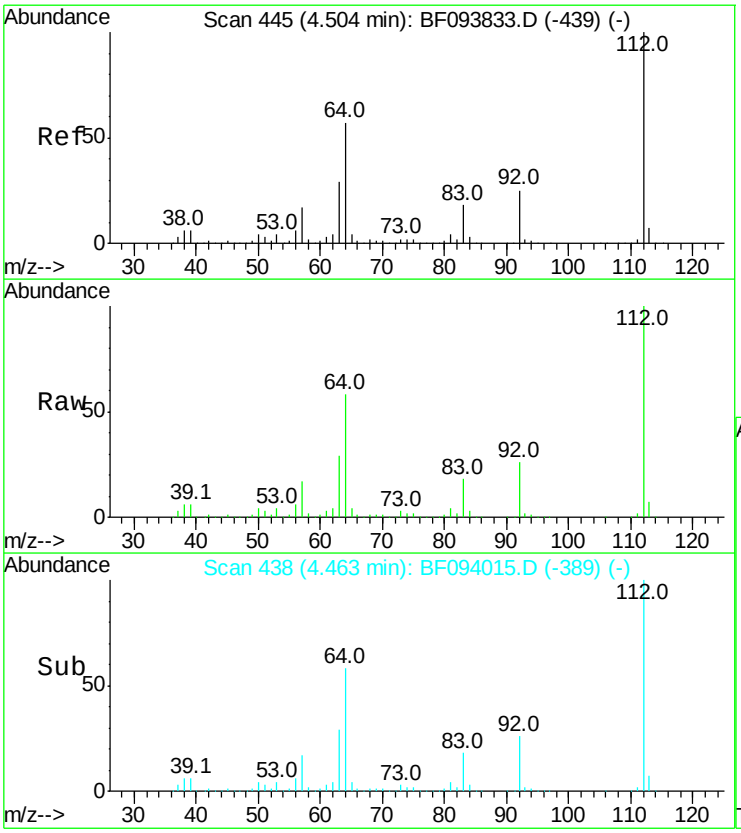
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:152 Resp: 172546

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	59.1	52.2	78.2

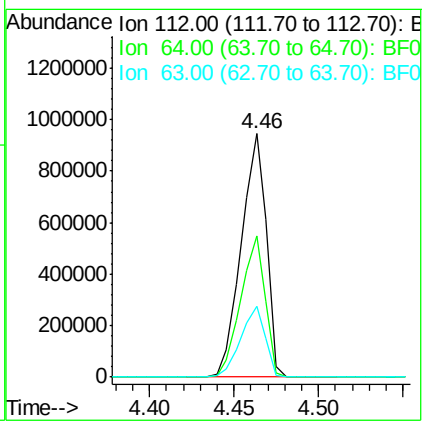


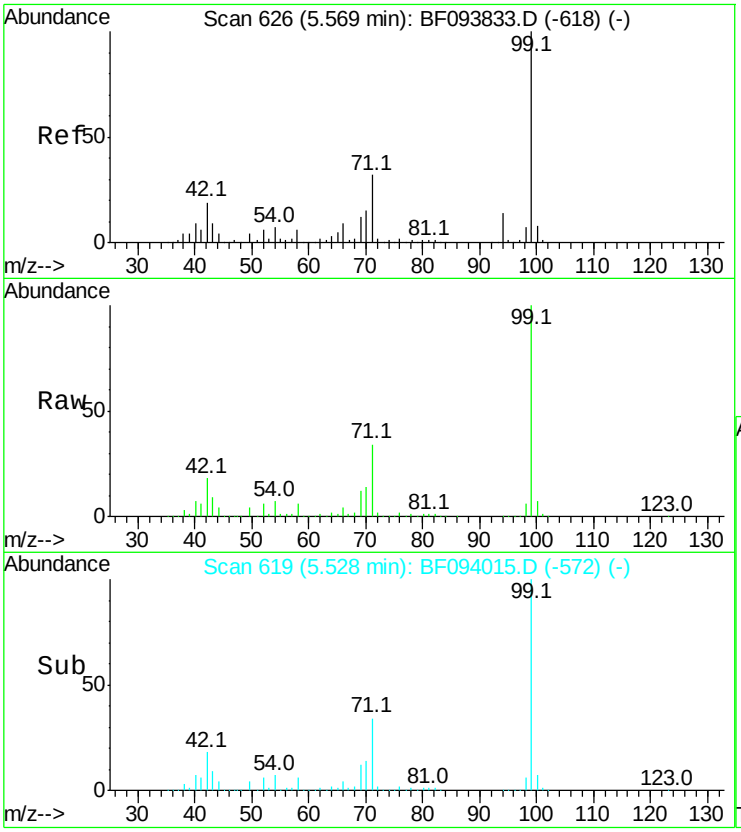


#5
2-Fluorophenol
Concen: 96.01 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:112 Resp: 980797

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.9	23.4	35.0



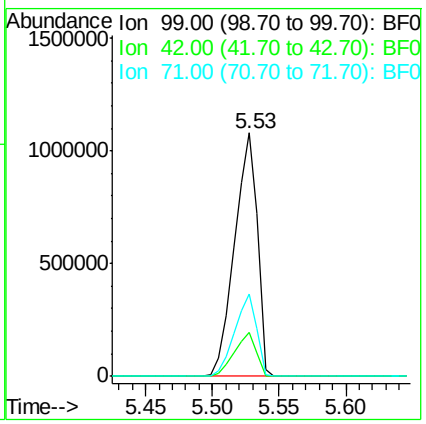


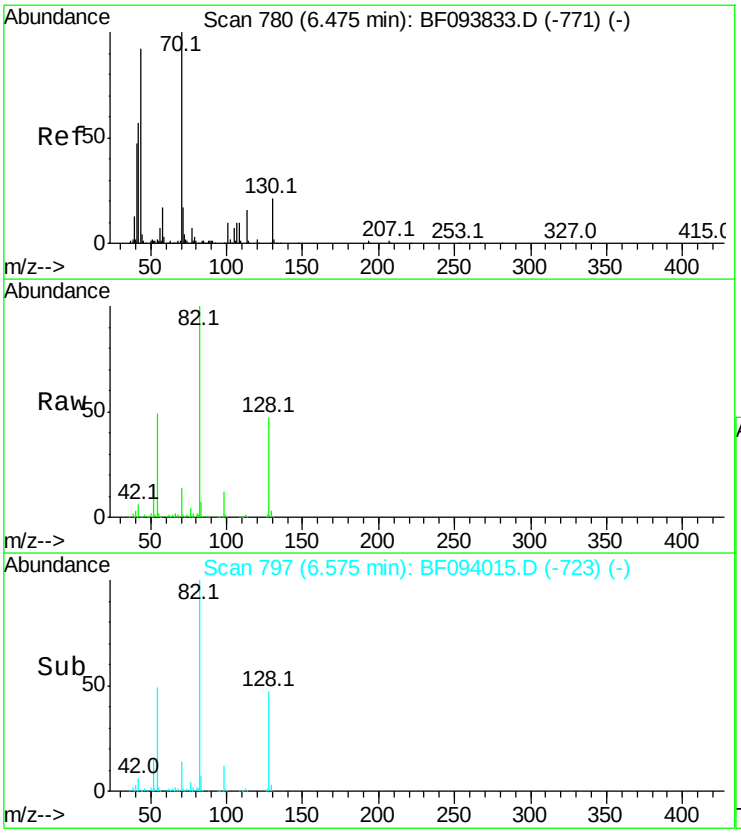
#7
Phenol-d6
Concen: 101.38 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion: 99 Resp: 1281206

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.6	24.5	36.7

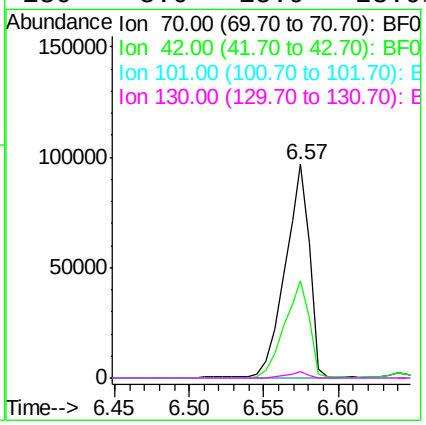


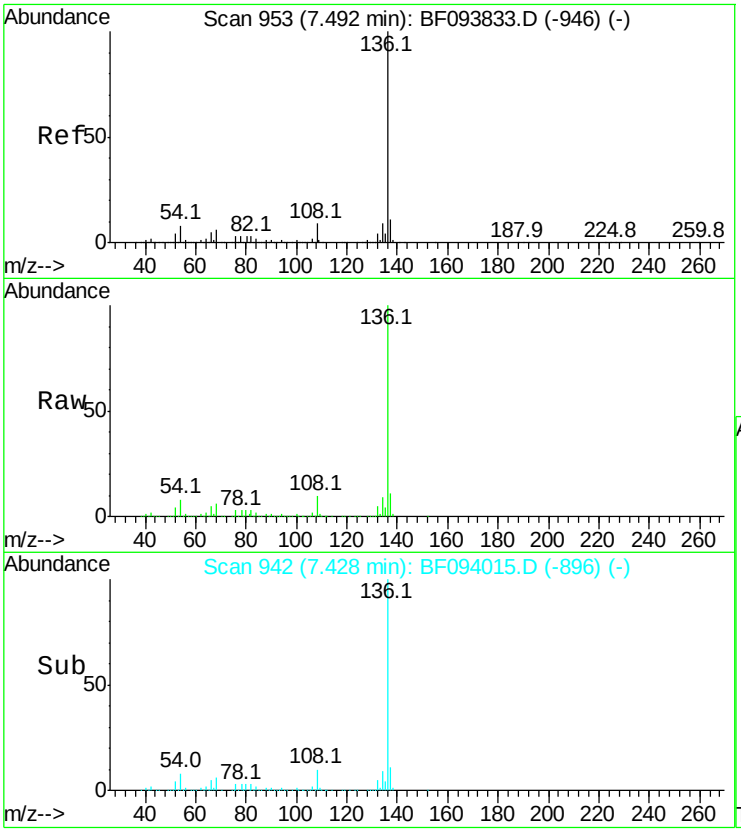


#19
n-Nitroso-di-n-propylamine
Concen: 13.72 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.14 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion: 70 Resp: 111407

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.2	70.8#
101	0.0	7.2	10.8#
130	3.0	15.9	23.9#



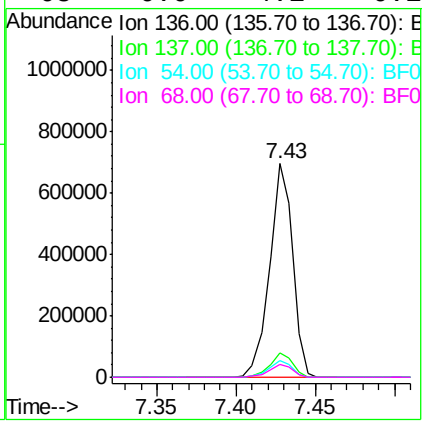


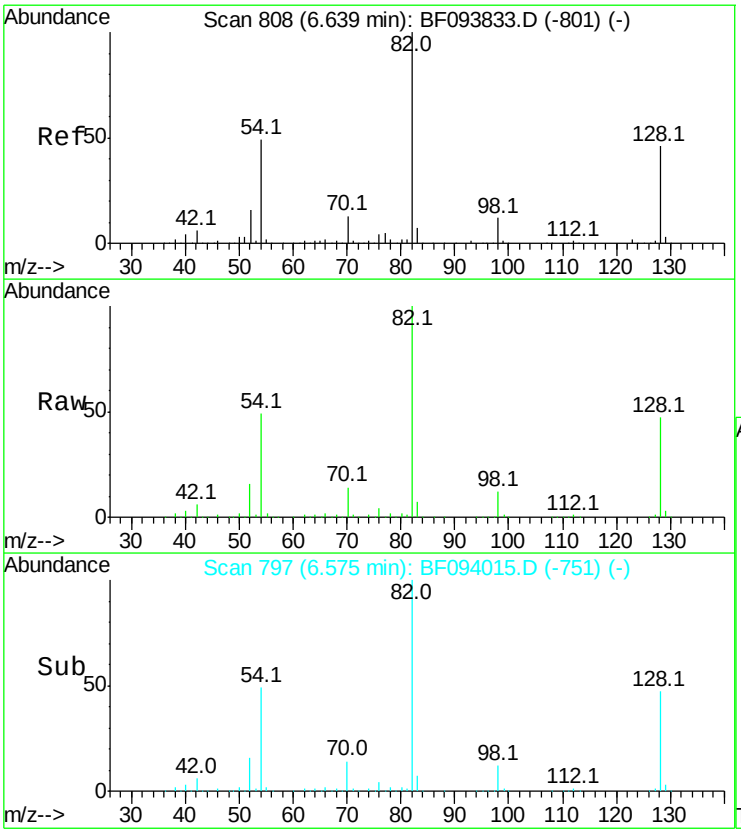
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:136 Resp: 708985

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.1	4.9	7.3#
68	6.0	4.1	6.1

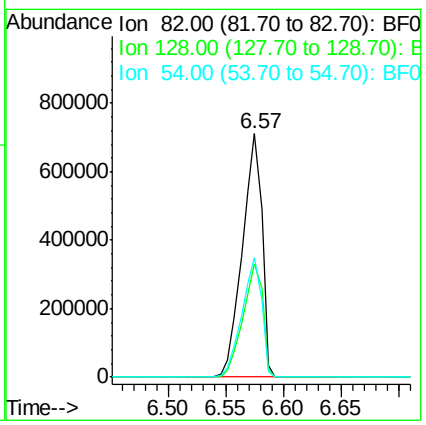


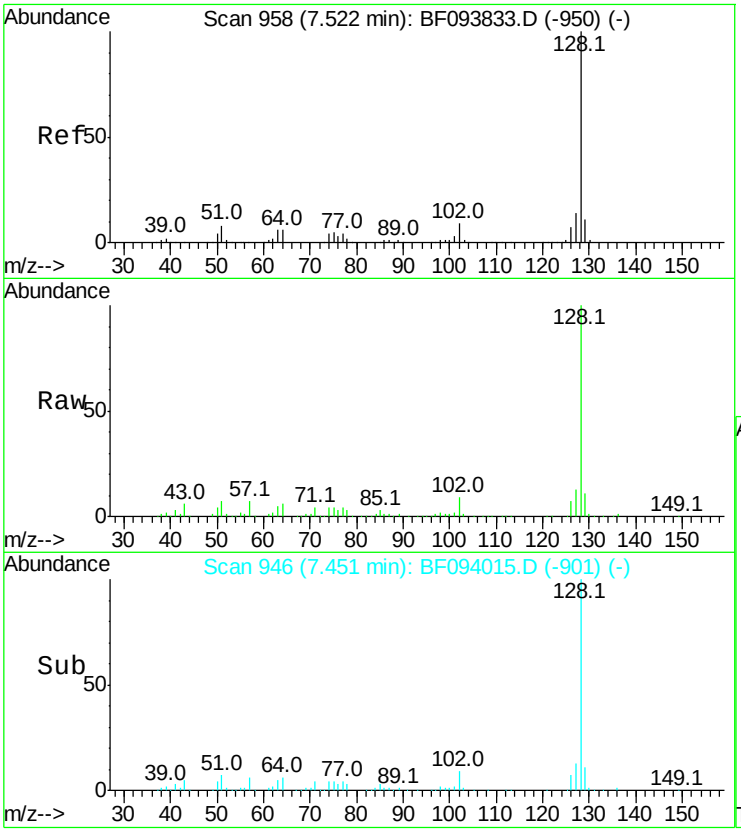


#23
Nitrobenzene-d5
Concen: 67.51 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion: 82 Resp: 838660

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	49.1	42.2	63.2



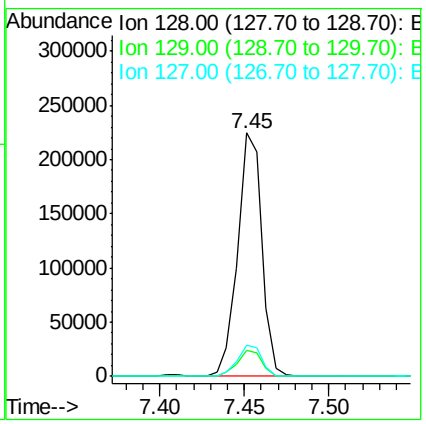


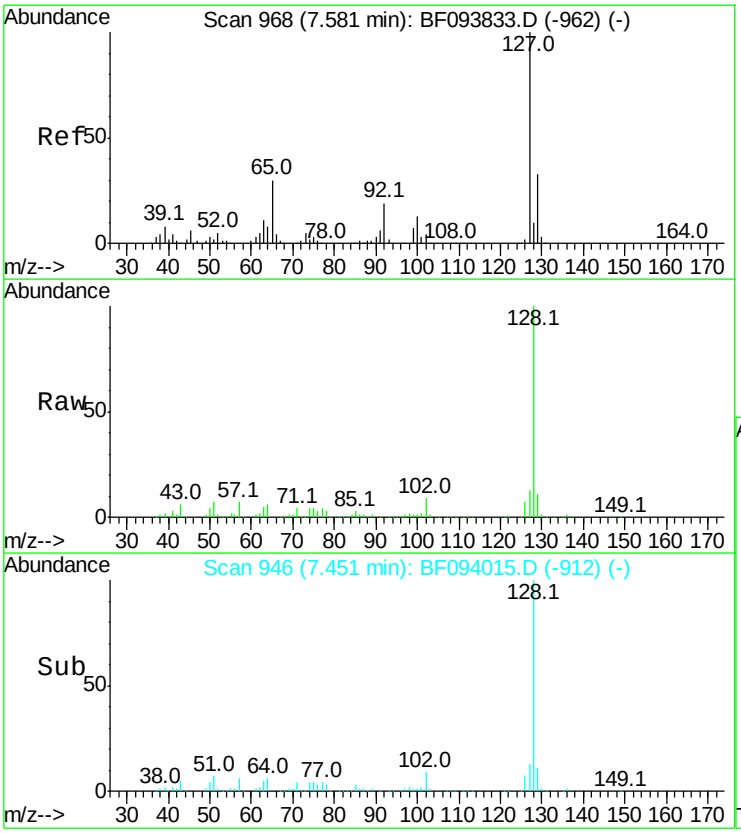
#31
Naphthalene
Concen: 6.59 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:128 Resp: 224603

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.9	10.8	16.2

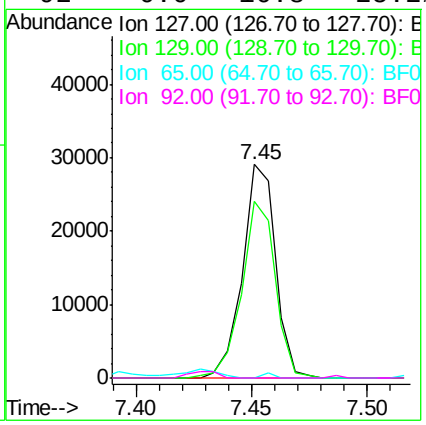


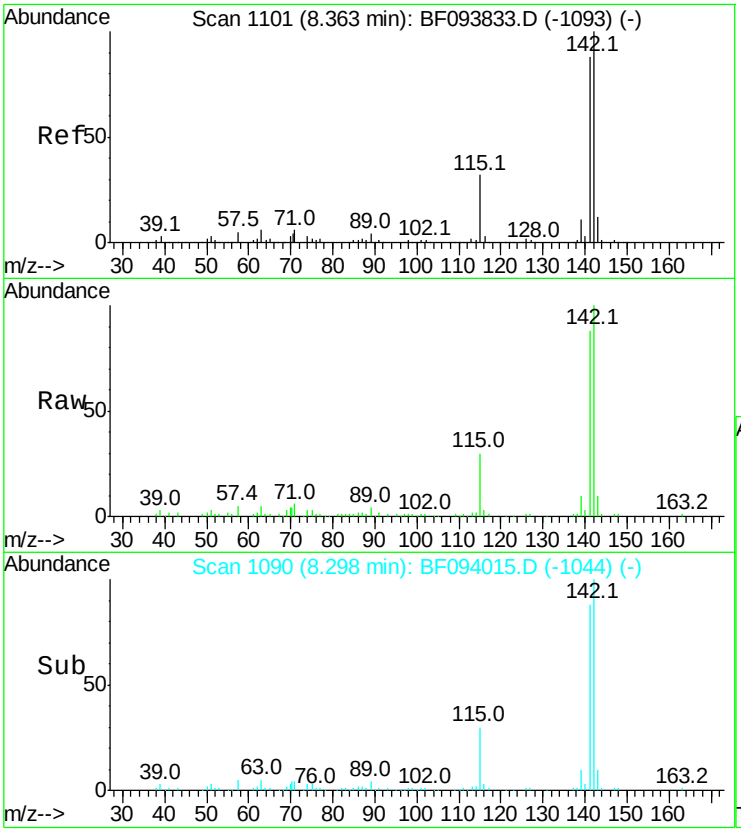


#33
4-Chloroaniline
Concen: 2.11 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.10 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:127 Resp: 29123

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



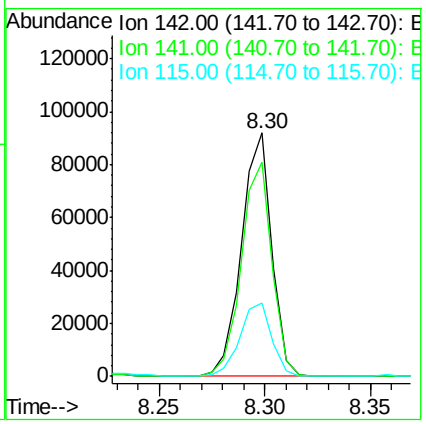


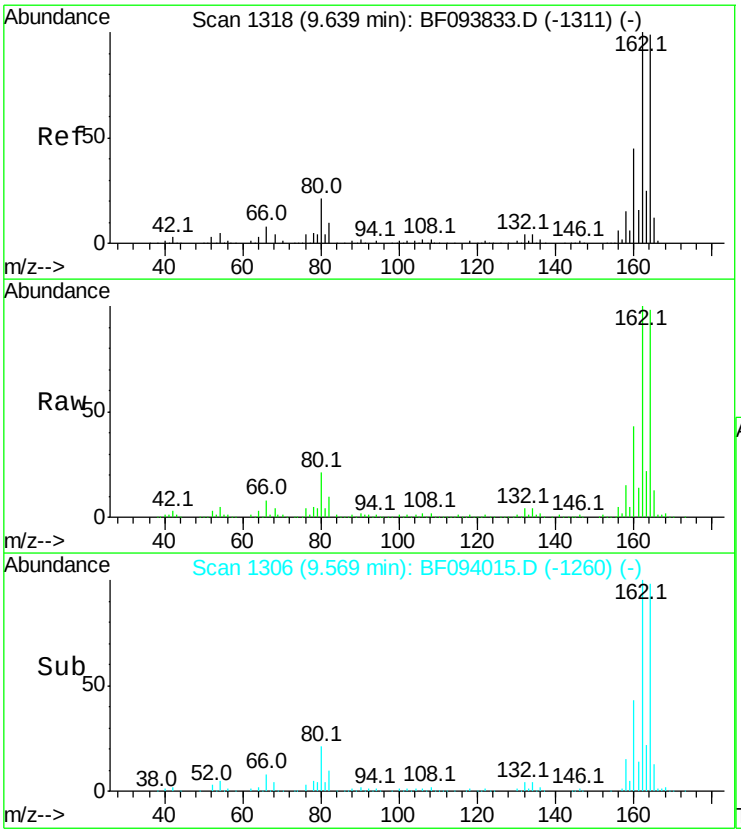
#37
2-Methylnaphthalene
Concen: 4.01 ng
RT: 8.30 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:142 Resp: 91099

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	30.3	27.1	40.7

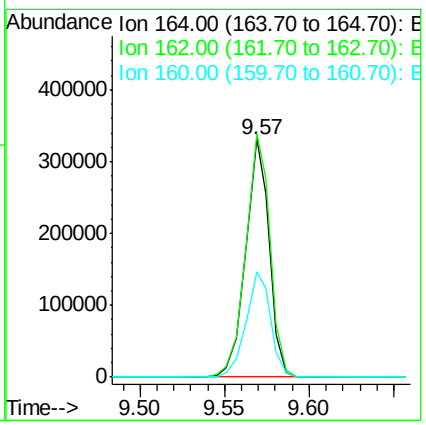


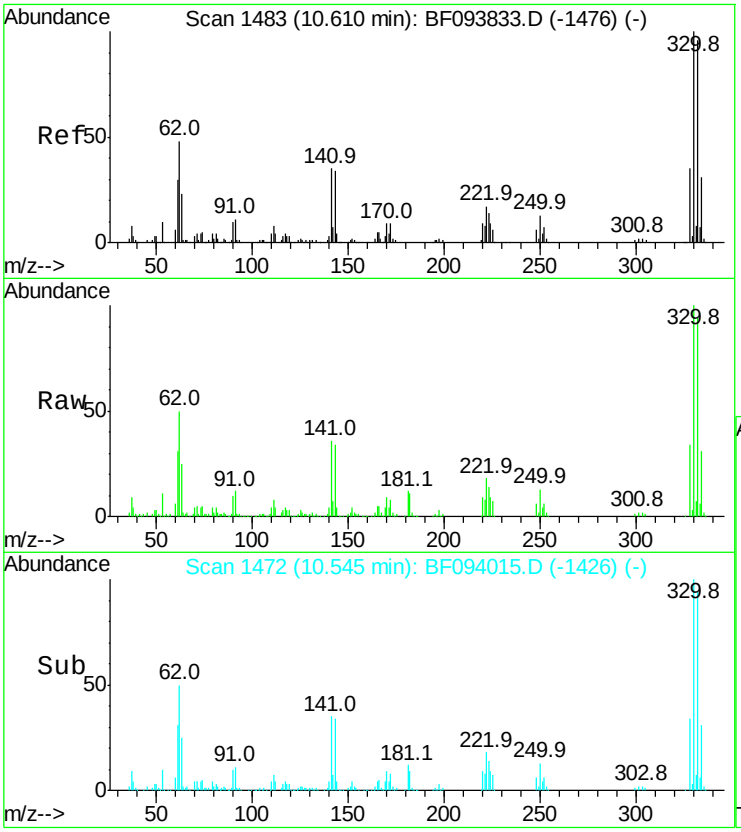


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:164 Resp: 322742

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	44.2	36.2	54.2



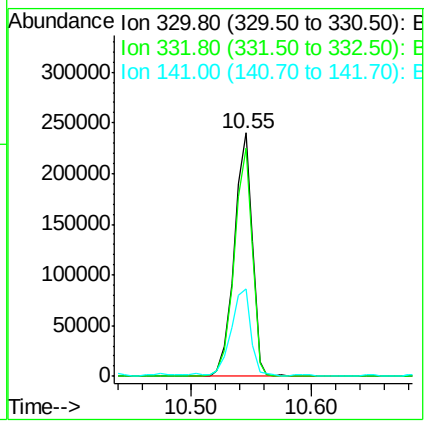


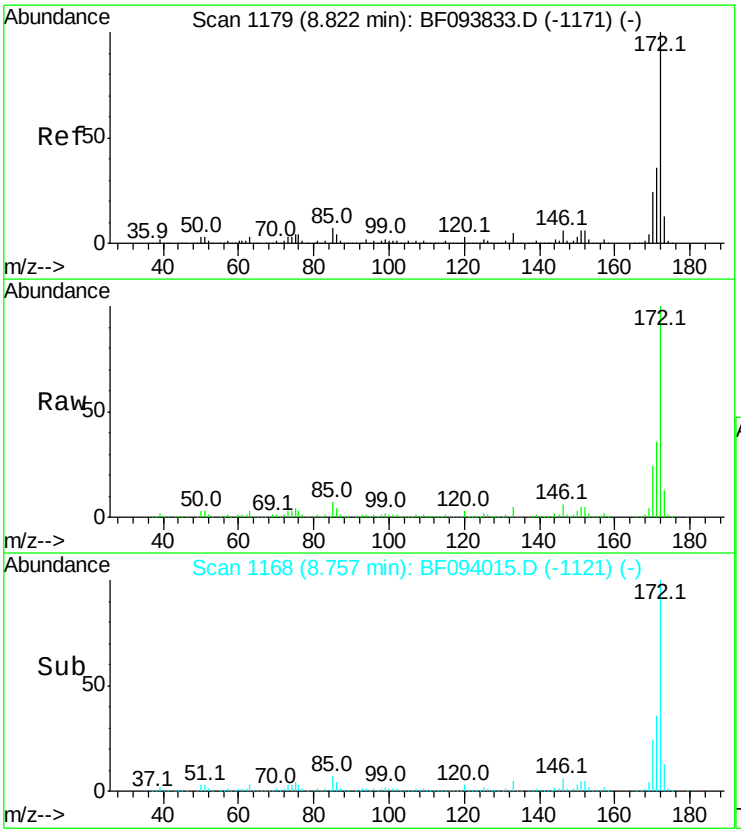
#41
2,4,6-Tribromophenol
Concen: 98.44 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:330 Resp: 251056

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.3	31.4	47.2

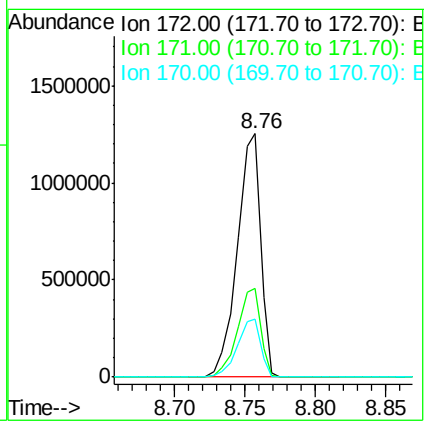


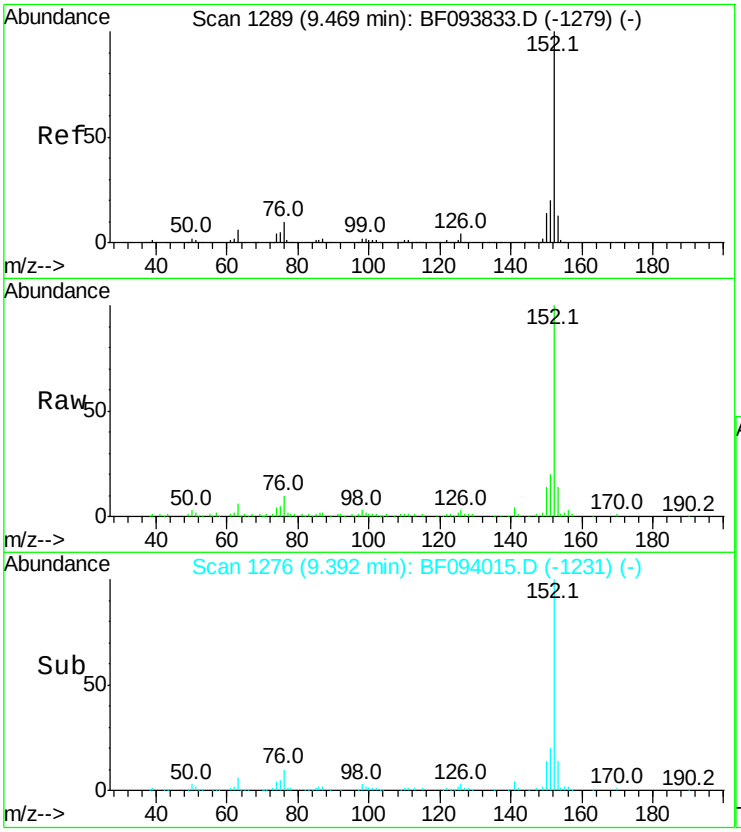


#44
2-Fluorobiphenyl
Concen: 68.16 ng
RT: 8.76 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:172 Resp: 1442189

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



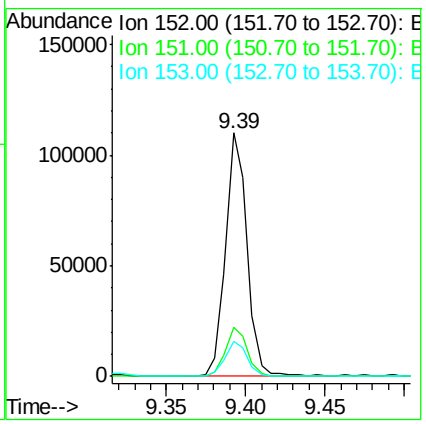


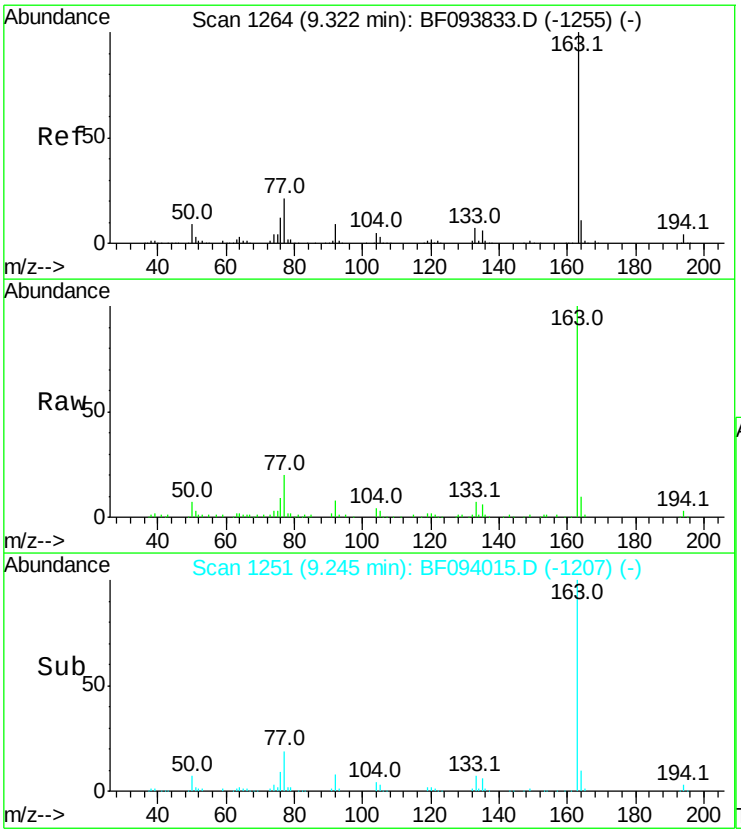
#48
Acenaphthylene
Concen: 3.05 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:152 Resp: 103129

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	14.3	10.8	16.2

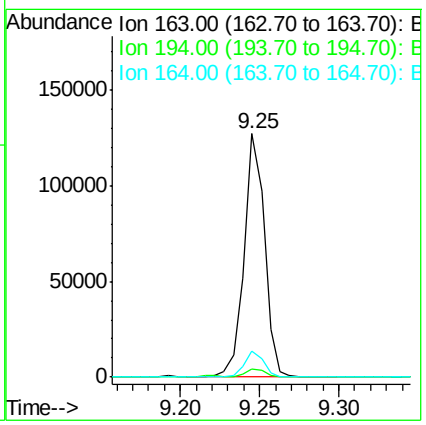


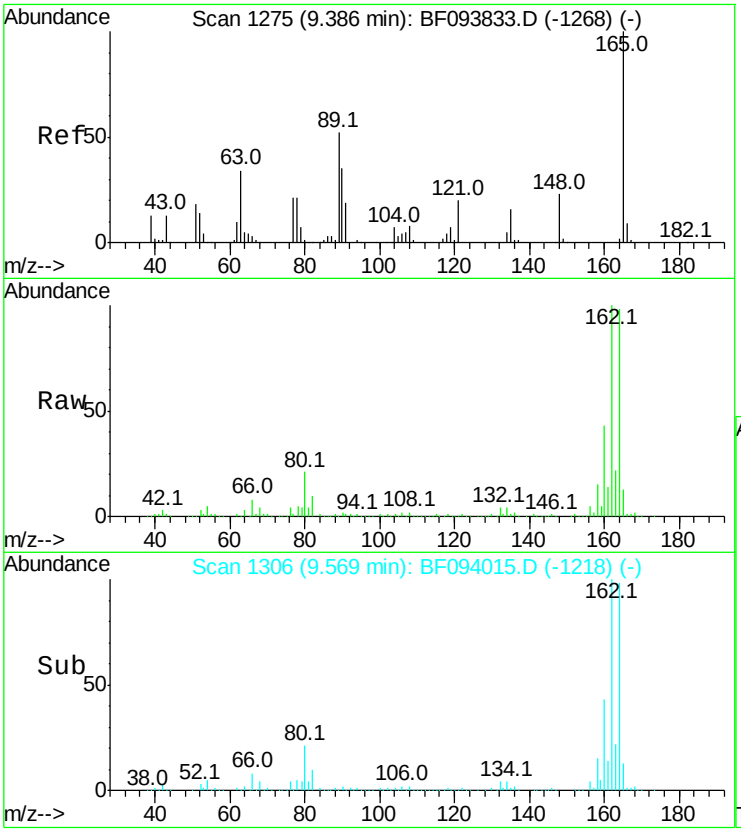


#49
Dimethylphthalate
Concen: 4.95 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:163 Resp: 113610

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6



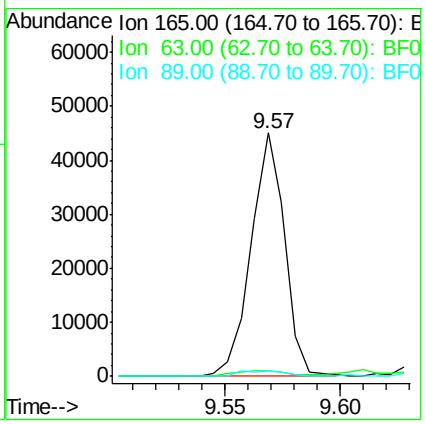


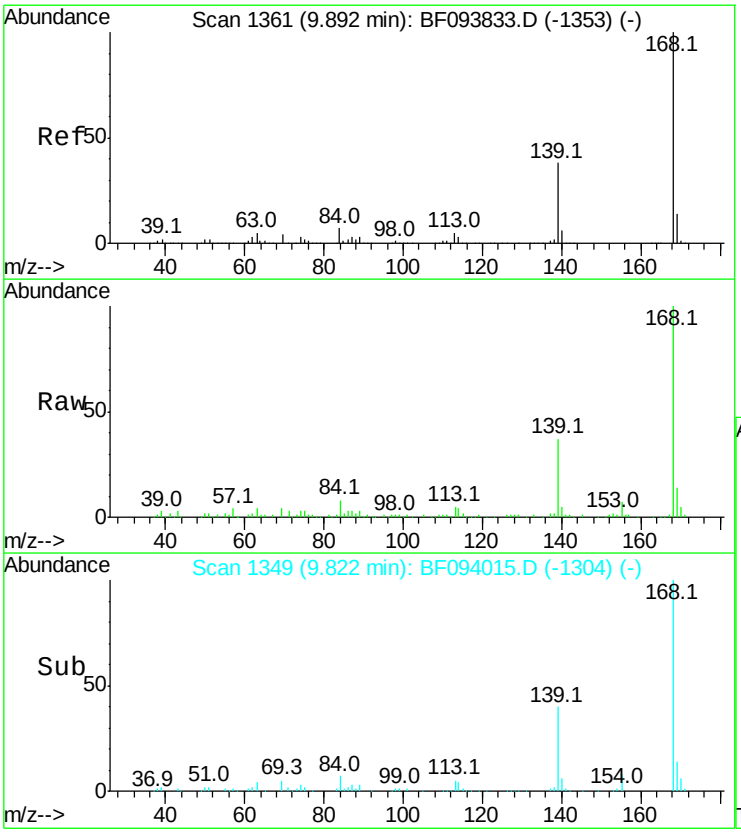
#50
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 9.57 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:165 Resp: 45917

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	2.0	37.1	55.7#

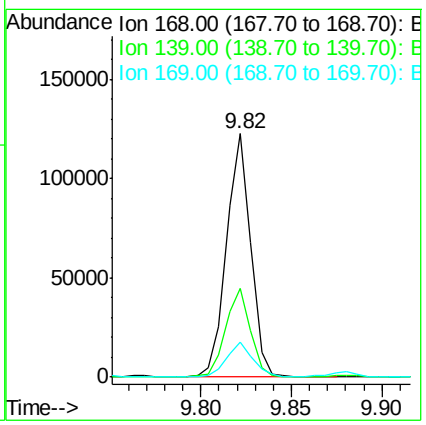


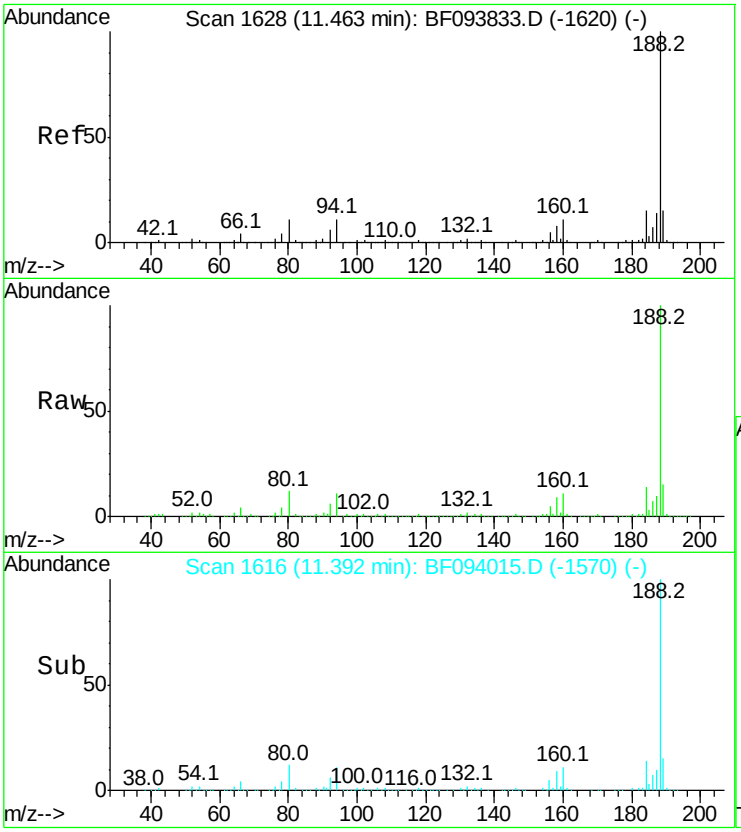


#54
Dibenzofuran
Concen: 4.24 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:168 Resp: 114084

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.6	45.8
169	14.2	10.8	16.2



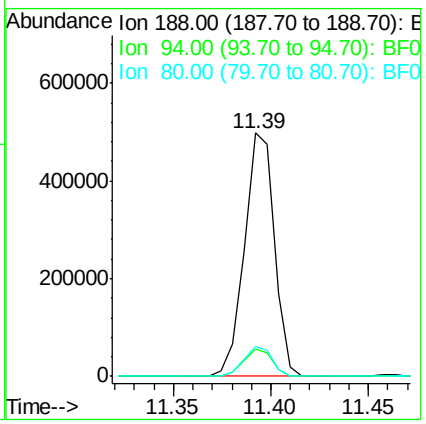


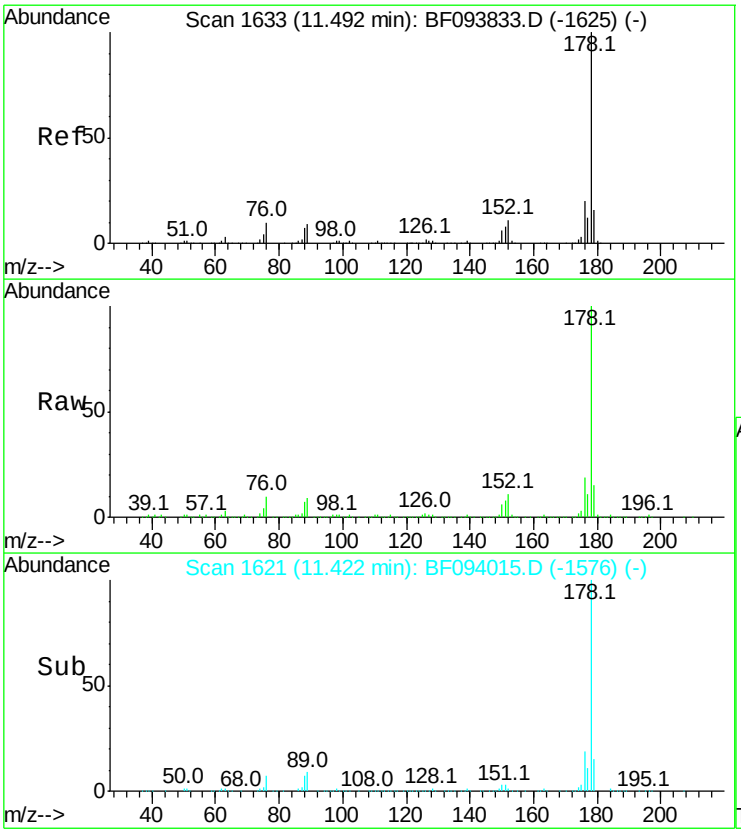
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:188 Resp: 528029

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.2	10.2	15.2

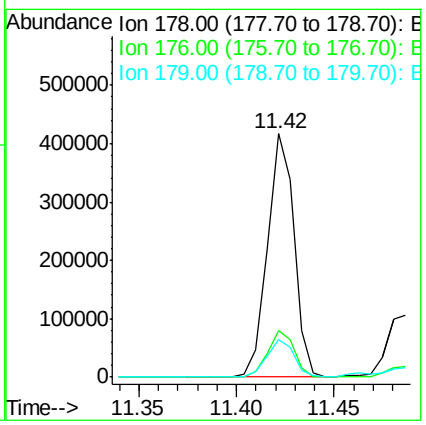


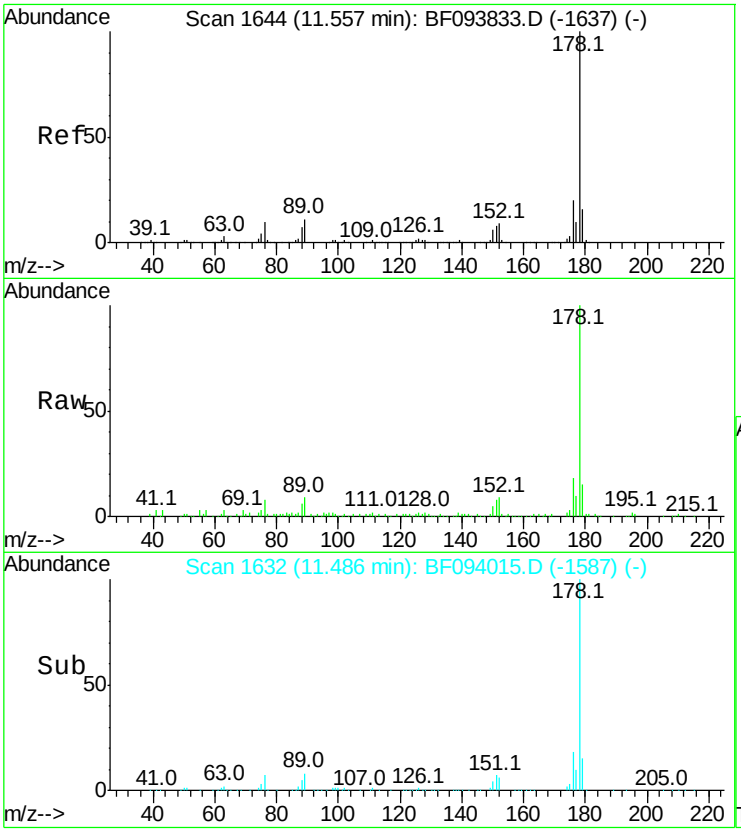


#70
Phenanthrene
Concen: 13.41 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:178 Resp: 393971

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0



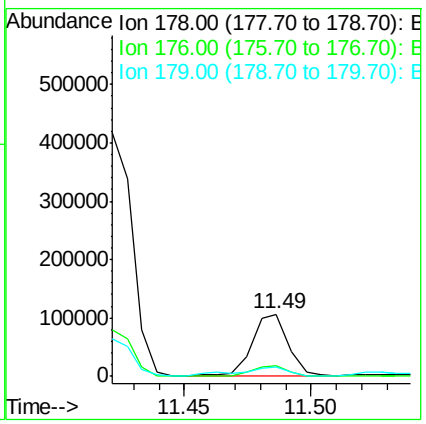


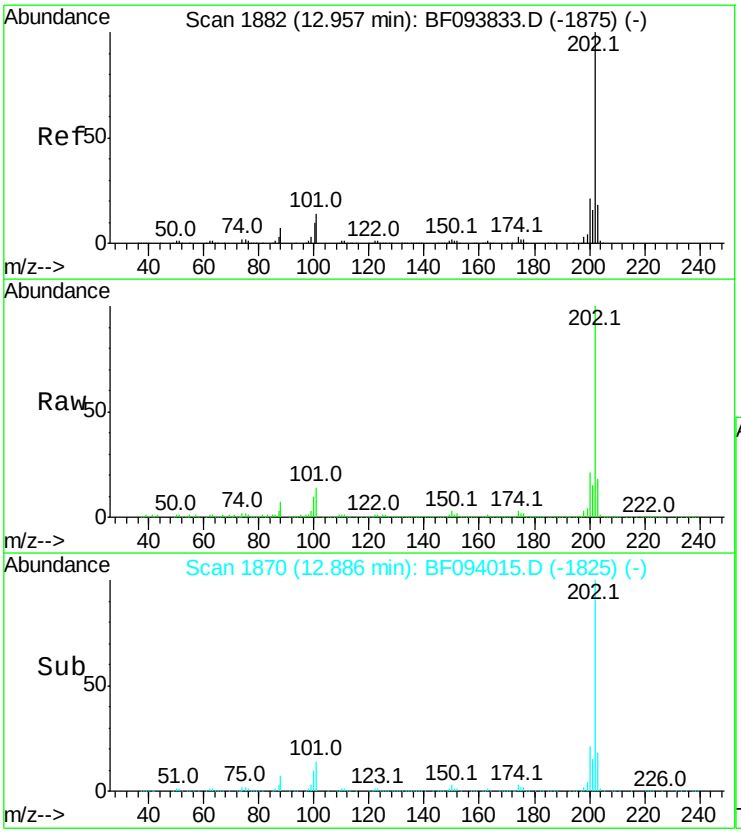
#71
Anthracene
Concen: 3.45 ng
RT: 11.49 min Scan# 1632
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:178 Resp: 104279

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	15.5	12.7	19.1

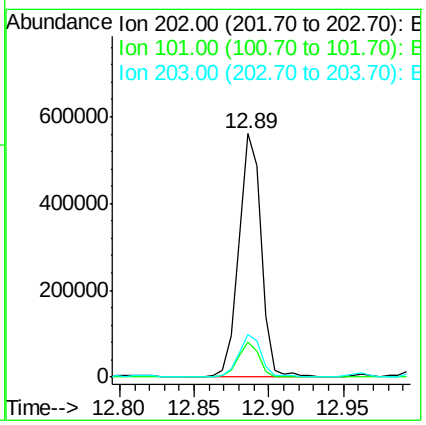


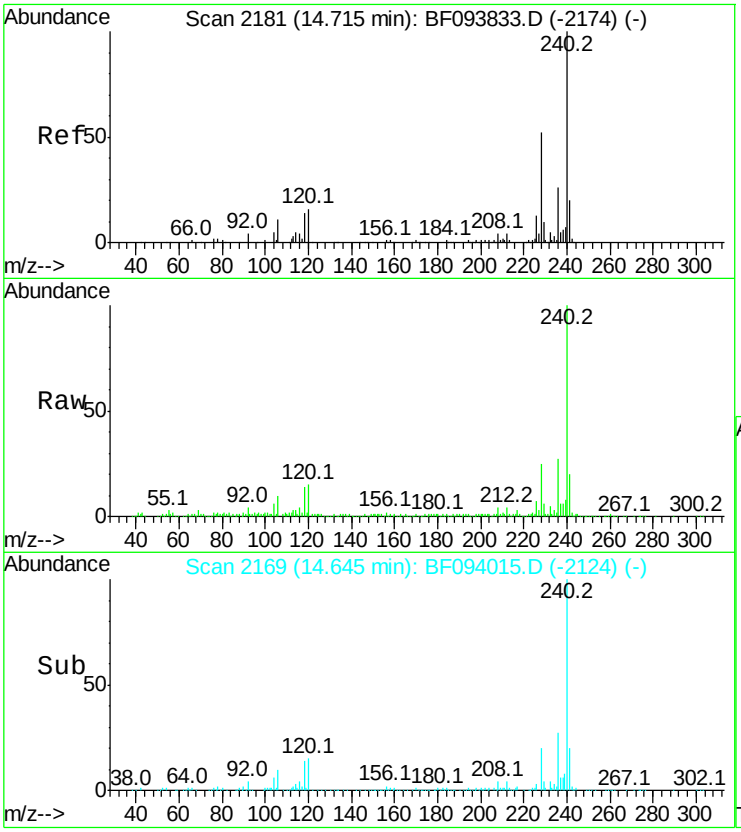


#74
Fluoranthene
Concen: 19.26 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:202 Resp: 579262

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.7	0.0	38.1



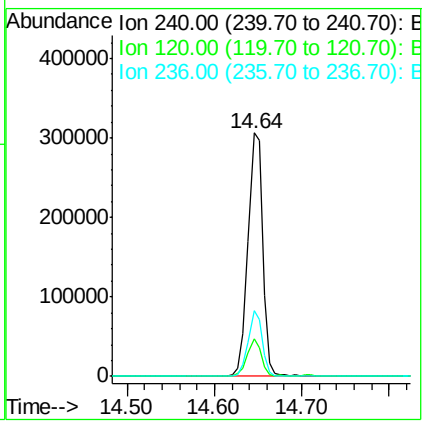


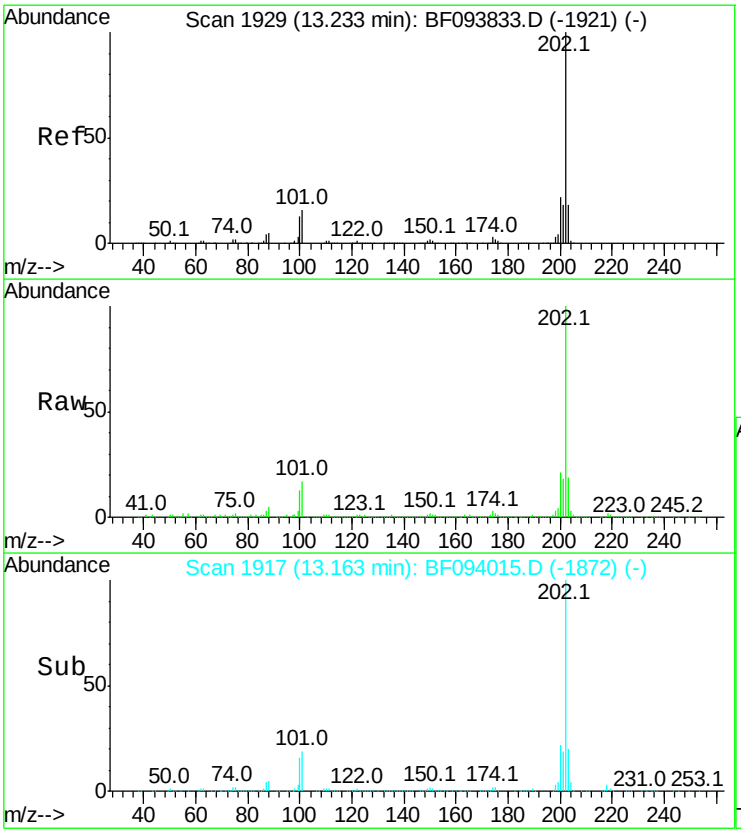
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:240 Resp: 345037

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	26.9	20.5	30.7

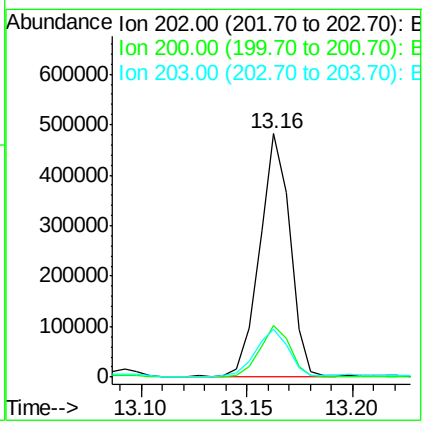


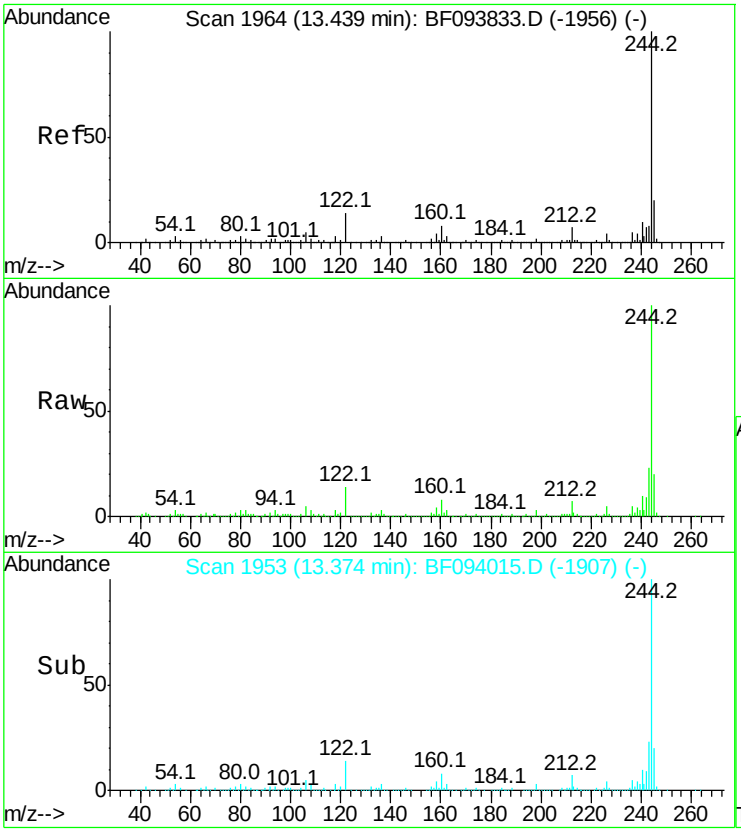


#77
Pyrene
Concen: 19.07 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:202 Resp: 477537

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	19.5	14.4	21.6



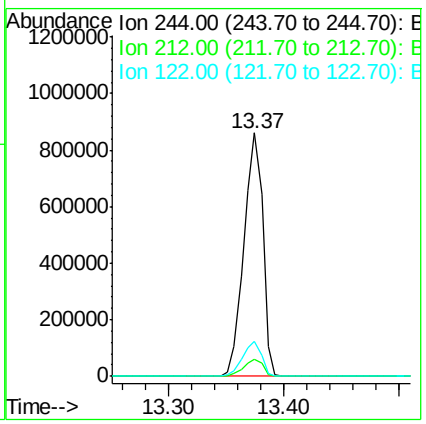


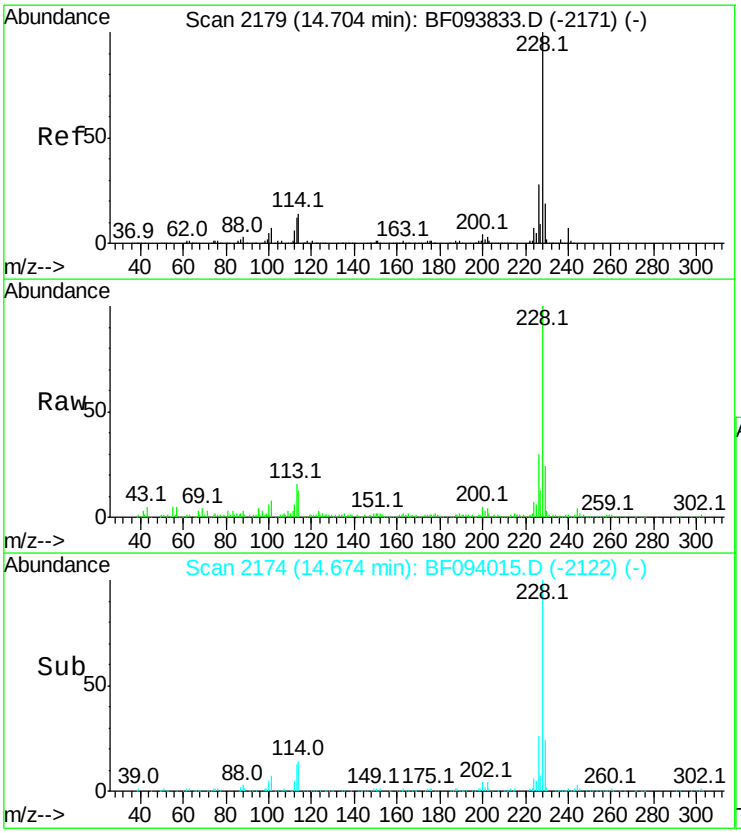
#78
Terphenyl-d14
Concen: 63.44 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:244 Resp: 976504

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5

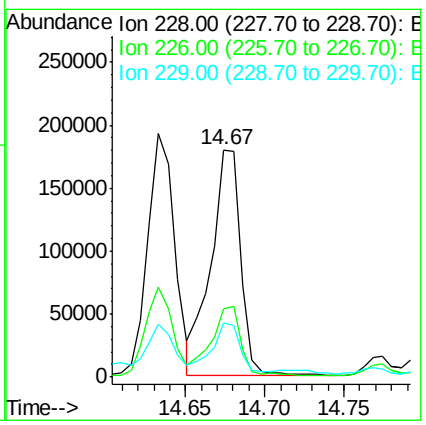


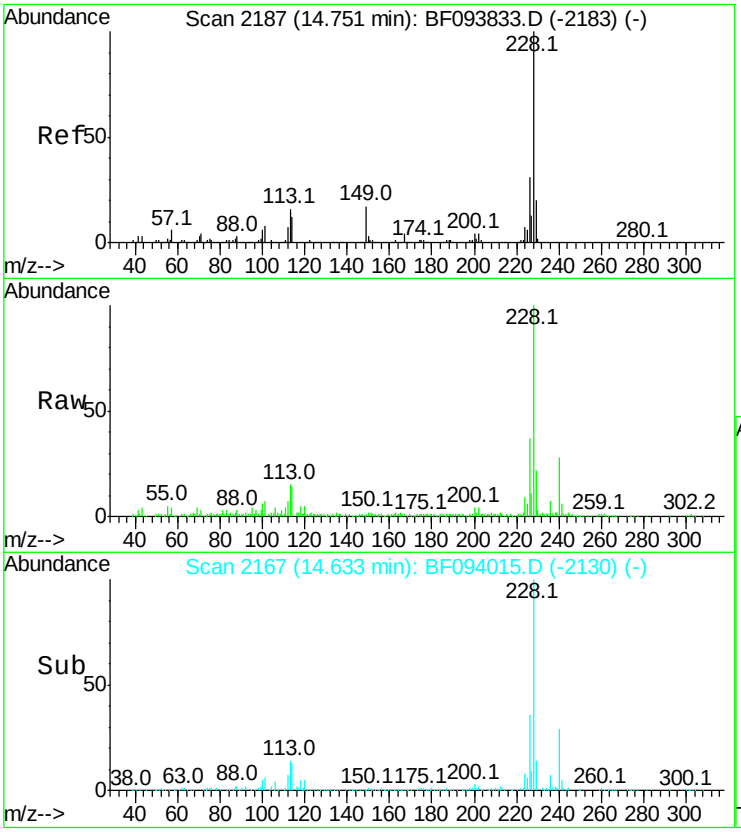


#80
Benzo(a)anthracene
Concen: 11.63 ng
RT: 14.67 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:228 Resp: 234046

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	23.8	16.3	24.5



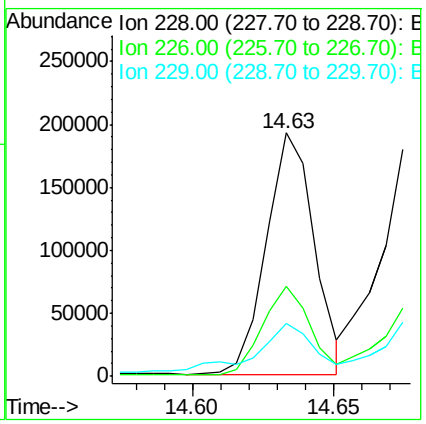


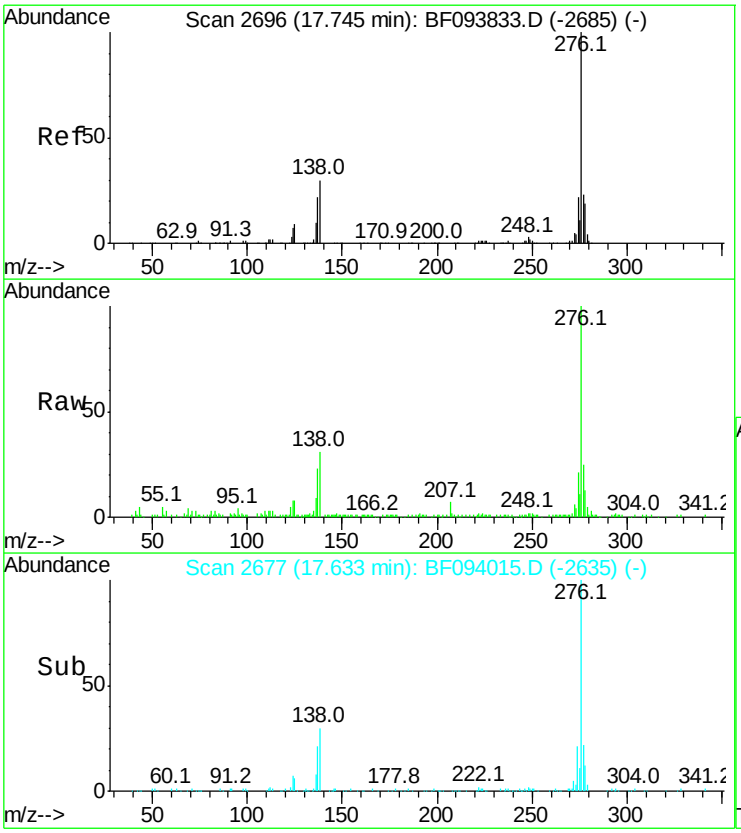
#82
Chrysene
Concen: 12.06 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:228 Resp: 225130

Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.9	37.3
229	21.9	15.8	23.6

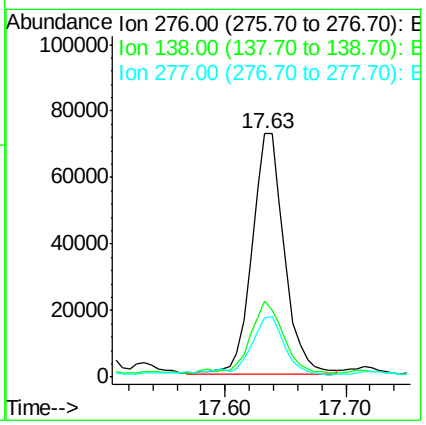


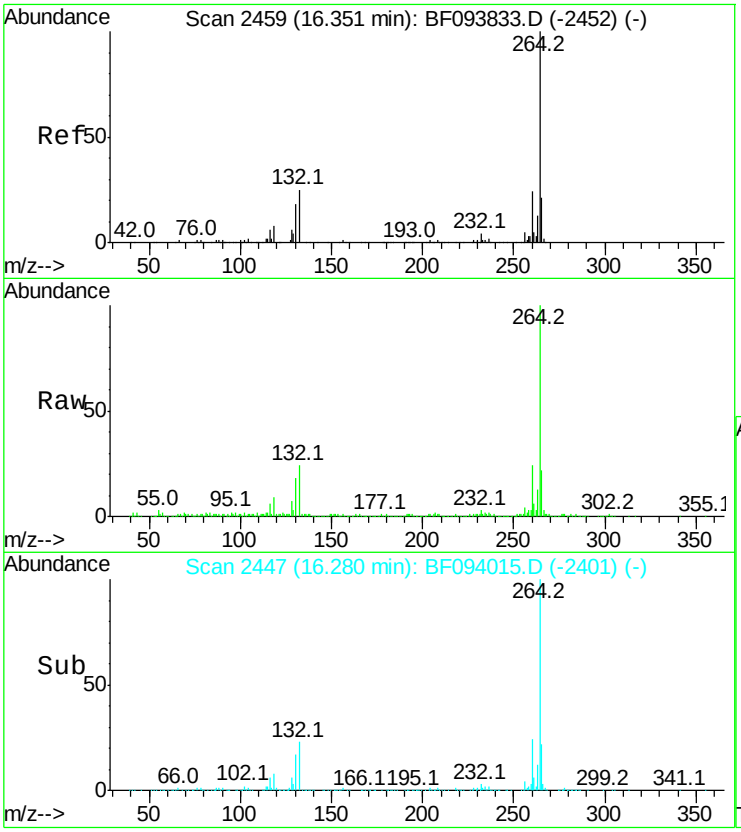


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.34 ng
RT: 17.63 min Scan# 2677
Delta R.T. -0.05 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:276 Resp: 134943

Ion	Ratio	Lower	Upper
276	100		
138	29.9	27.8	41.6
277	27.6	20.2	30.4



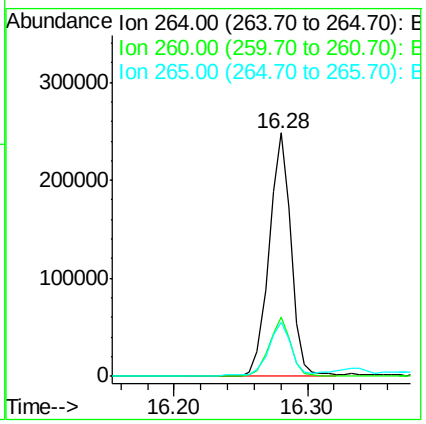


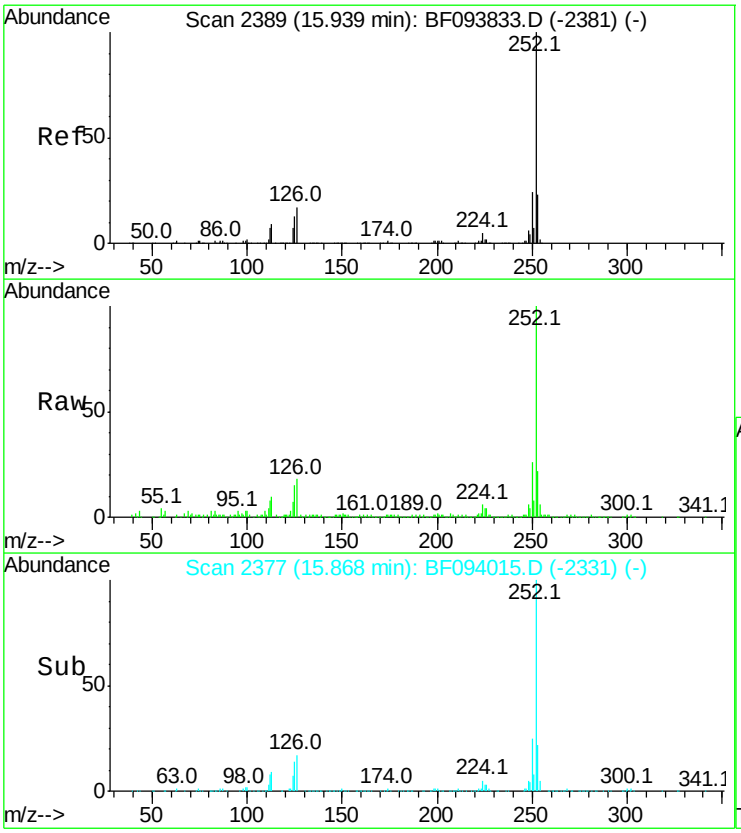
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:264 Resp: 285431

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.2	25.8

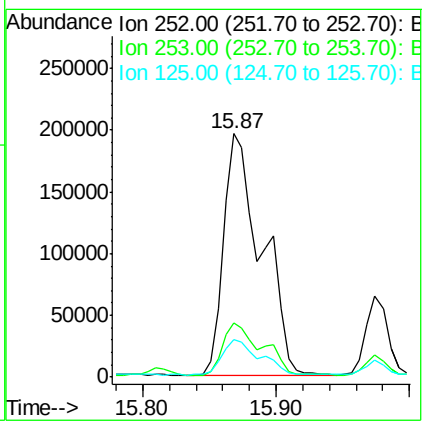


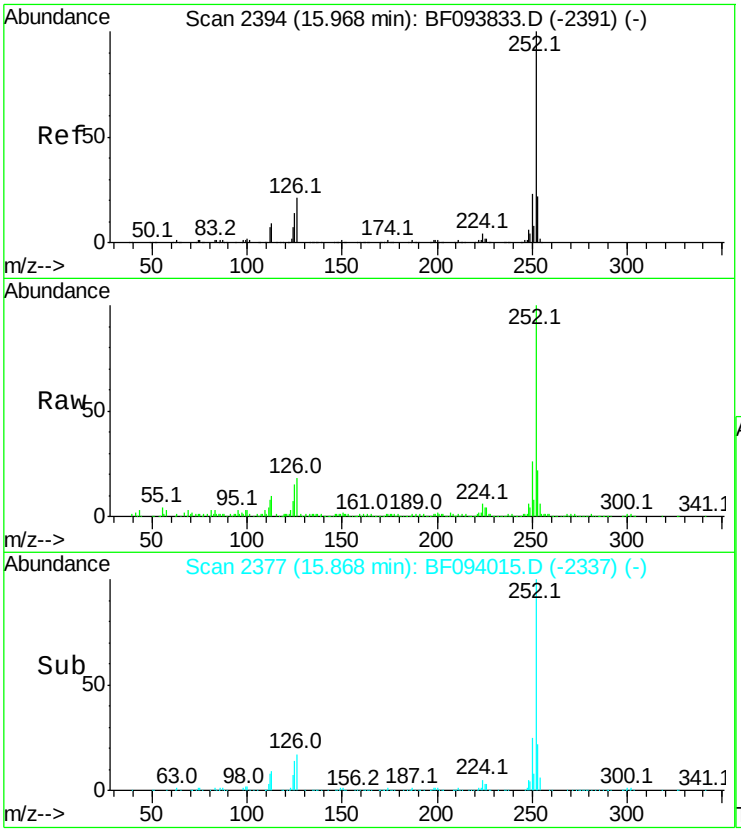


#87
Benzo(b)fluoranthene
Concen: 22.48 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:252 Resp: 393271

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.3	9.8	14.8#



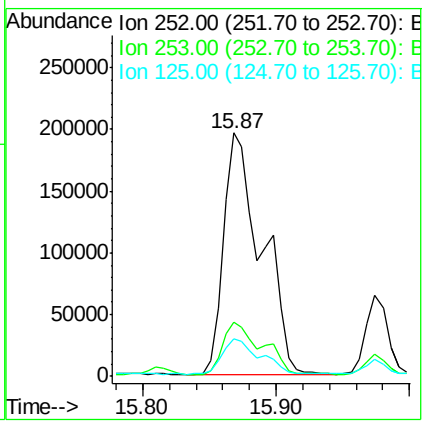


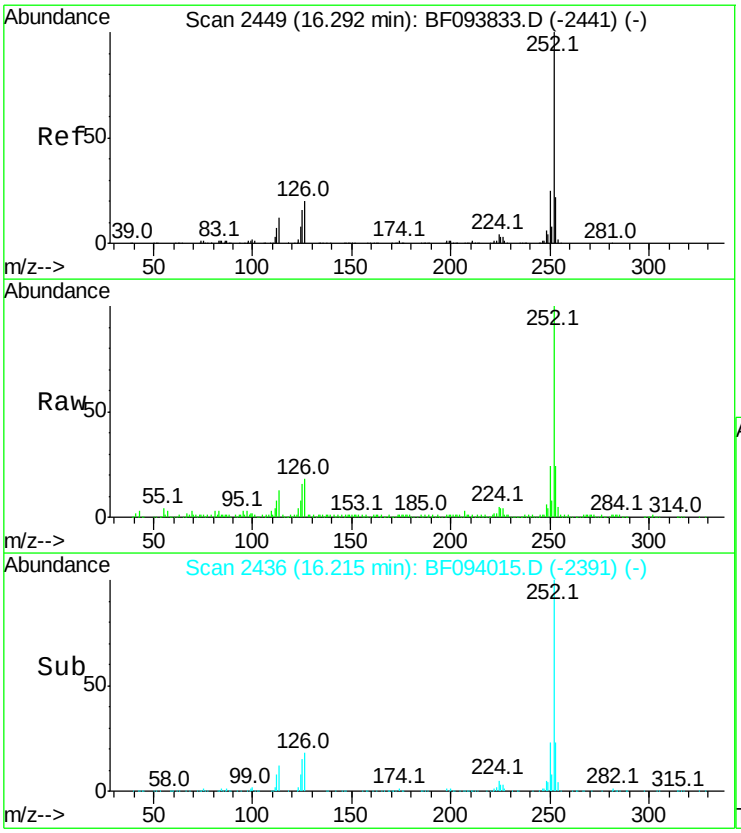
#88
Benzo(k)fluoranthene
Concen: 22.97 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.06 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:252 Resp: 393271

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.3	13.1	19.7

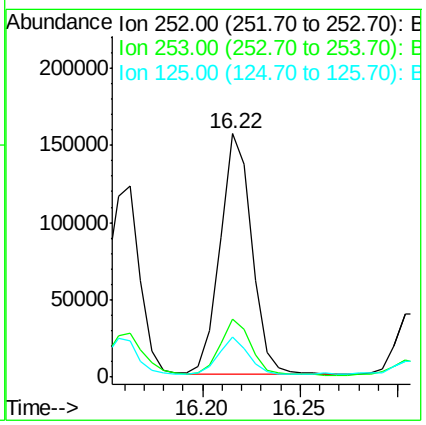


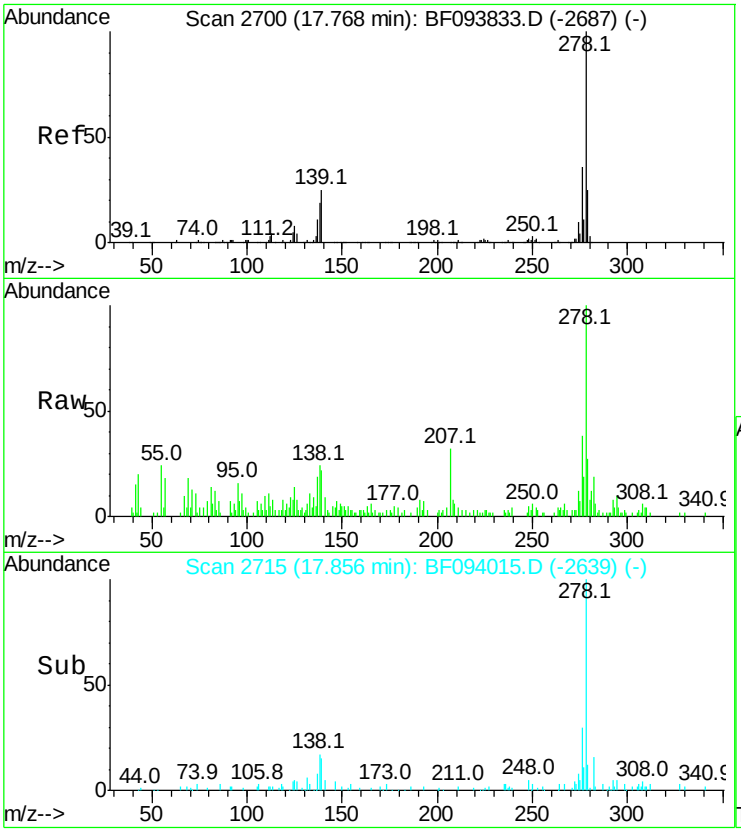


#89
Benzo(a)pyrene
Concen: 10.90 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:252 Resp: 175577

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.3	11.0	16.4



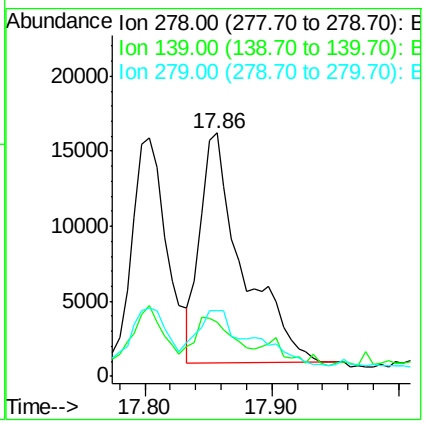


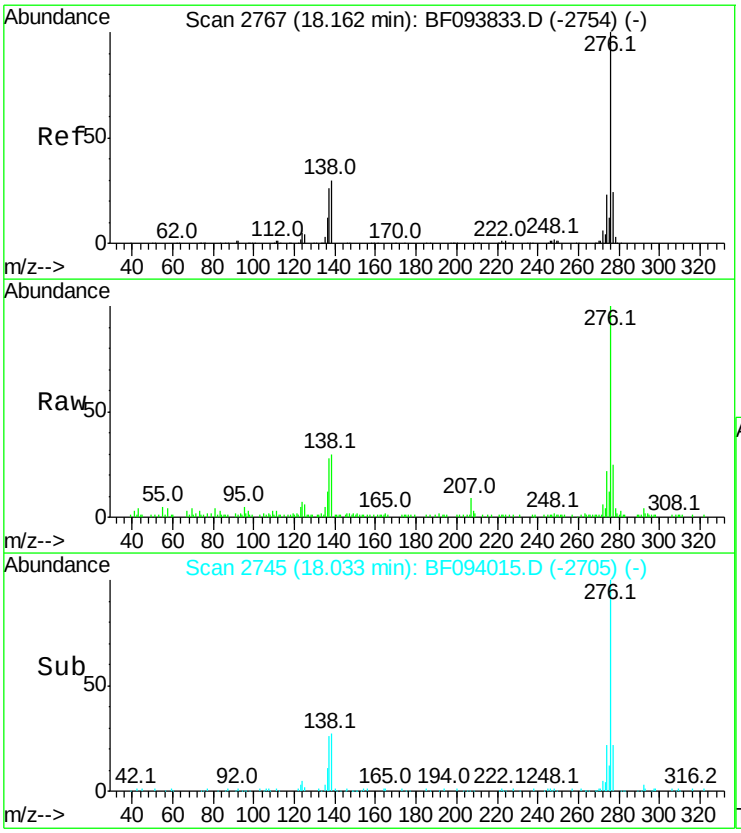
#90
Dibenzo(a,h)anthracene
Concen: 2.61 ng
RT: 17.86 min Scan# 2715
Delta R.T. 0.15 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Instrument :
BNA_F
ClientSampleId :
E2-S12-BASE

Tgt Ion:278 Resp: 35674

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	27.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.55 ng
RT: 18.03 min Scan# 2745
Delta R.T. -0.06 min
Lab File: BF094015.D
Acq: 29 Mar 2017 1:39

Tgt Ion:276 Resp: 117620

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	29.9	25.4	38.0