Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093944.D
Acq On : 27 Mar 2017 15:11
Operator : SJ/MA
Sample : I2367-05DL 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-R15-SSWDL

Quant Time: Mar 27 16:44:11 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	5.95	152	190041	20.00	ng		0.00
21) Naphthalene-d8	7.46	136	760006	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	324591	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	509114	20.00	ng		0.00
75) Chrysene-d12	14.68	240	313908	20.00	ng		0.00
86) Perylene-d12	16.32	264	307529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	340013	30.22	ng		0.00
7) Phenol-d6	5.54	99	424080	30.47	ng		-0.01
23) Nitrobenzene-d5	6.59	82	218758	16.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	55816	21.76	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	473104	22.23	ng		0.00
78) Terphenyl-d14	13.39	244	265967	18.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.59	70	28169	3.15	ng	#	79
31) Naphthalene	7.48	128	627380	17.17	ng		99
33) 4-Chloroaniline	7.48	127	82721	5.59	ng	#	35
37) 2-Methylnaphthalene	8.32	142	312674	12.84	ng		98
49) Dimethylphthalate	9.27	163	62893	2.73	ng	#	99
50) 2,6-Dinitrotoluene	9.59	165	49490	9.36	ng	#	36
51) Acenaphthene	9.63	154	147401	7.42	ng		100
54) Dibenzofuran	9.85	168	115508	4.27	ng		99
57) Fluorene	10.27	166	199910	8.91	ng		100
70) Phenanthrene	11.46	178	2123425	74.98	ng		100
71) Anthracene	11.52	178	565133	19.38	ng		99
72) Carbazole	11.71	167	246347	8.24	ng		97
74) Fluoranthene	12.93	202	2102782	72.51	ng		99
77) Pyrene	13.20	202	1855821	81.46	ng		100
80) Benzo(a)anthracene	14.67	228	919143	50.21	ng		99
82) Chrysene	14.71	228	849028	49.98	ng		97
85) Indeno(1,2,3-cd)pyrene	17.69	276	384349	26.13	ng		95
87) Benzo(b)fluoranthene	15.90	252	1331561	70.64	ng		97
88) Benzo(k)fluoranthene	15.90	252	1331561	72.20	ng		98
89) Benzo(a)pyrene	16.26	252	695813	40.08	ng		97
90) Dibenzo(a,h)anthracene	17.86	278	88724	6.04	ng		98
91) Benzo(g,h,i)perylene	18.10	276	332300	22.43	ng		98

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

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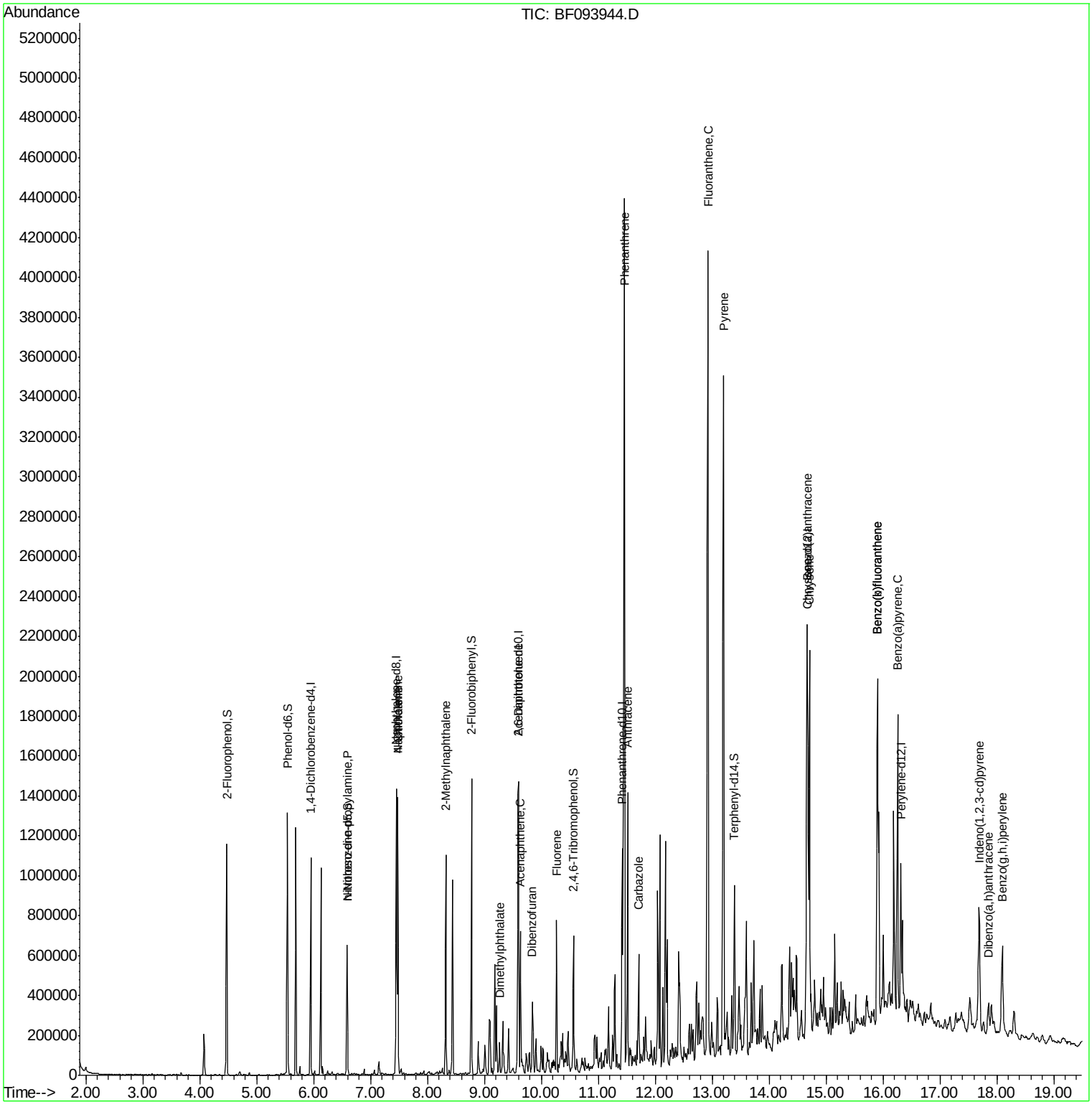
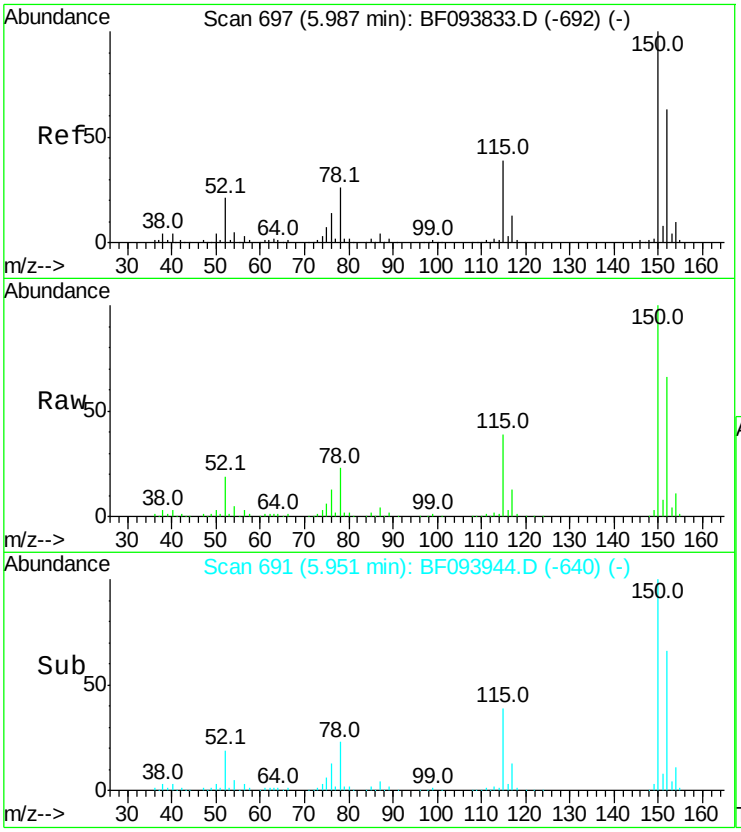


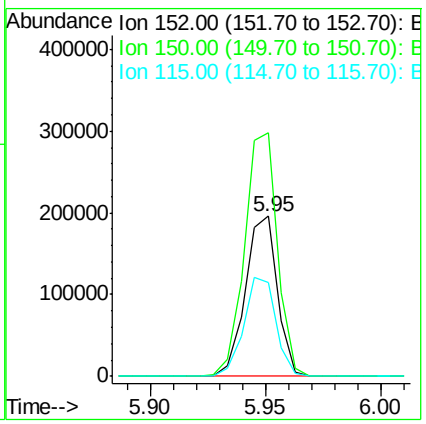


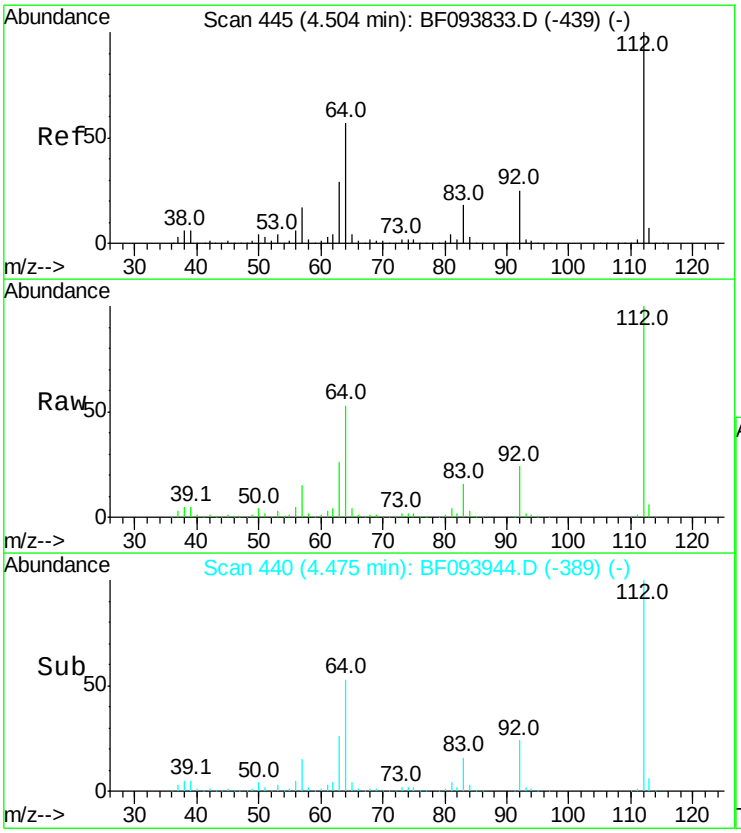
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:152 Resp: 190041

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.2	189.2
115	58.8	52.2	78.2

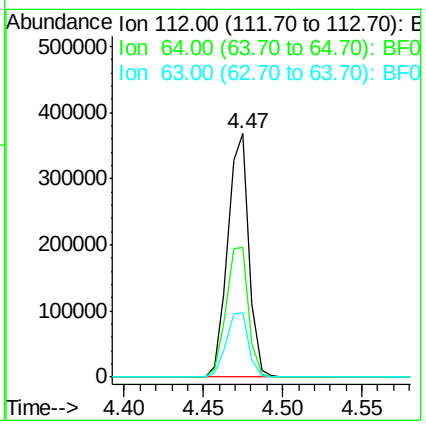


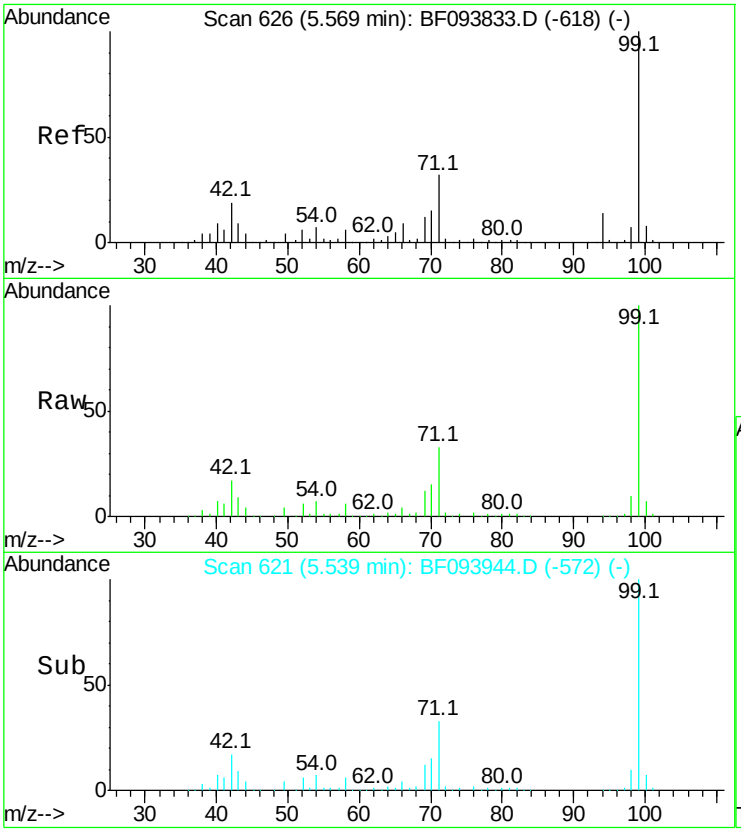


#5
2-Fluorophenol
Concen: 30.22 ng
RT: 4.47 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:112 Resp: 340013

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	26.5	23.4	35.0



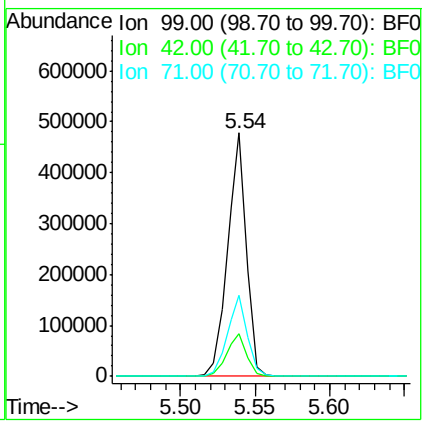


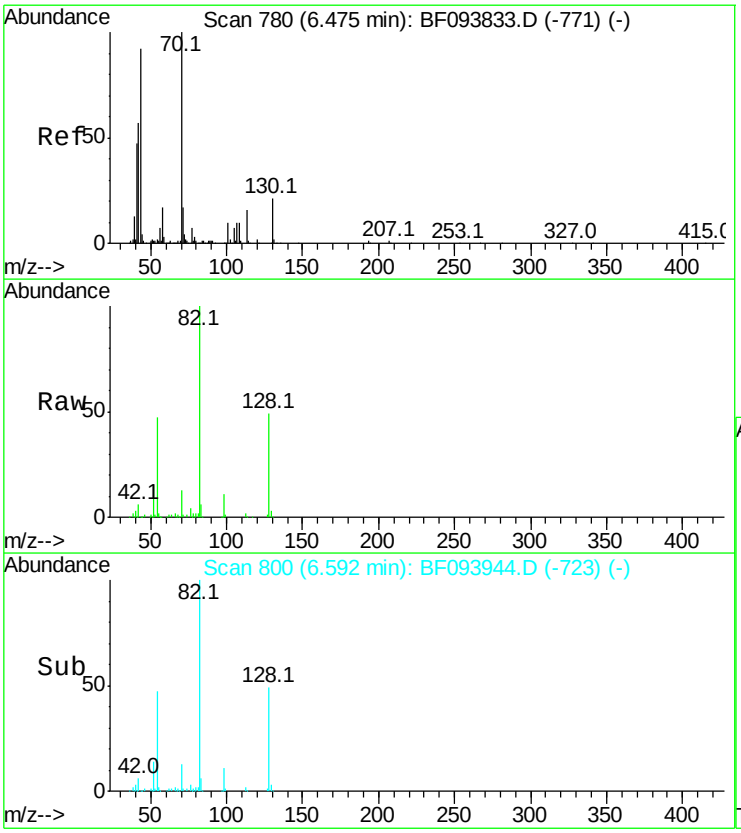
#7
Phenol-d6
Concen: 30.47 ng
RT: 5.54 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion: 99 Resp: 424080

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.2	24.5	36.7

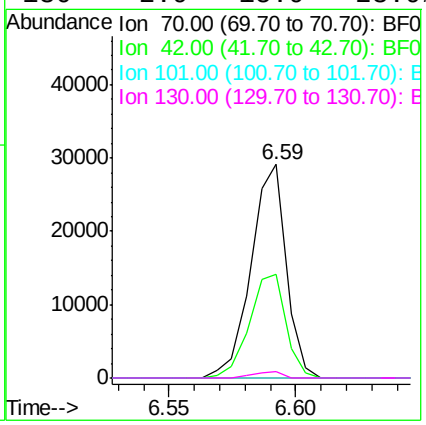


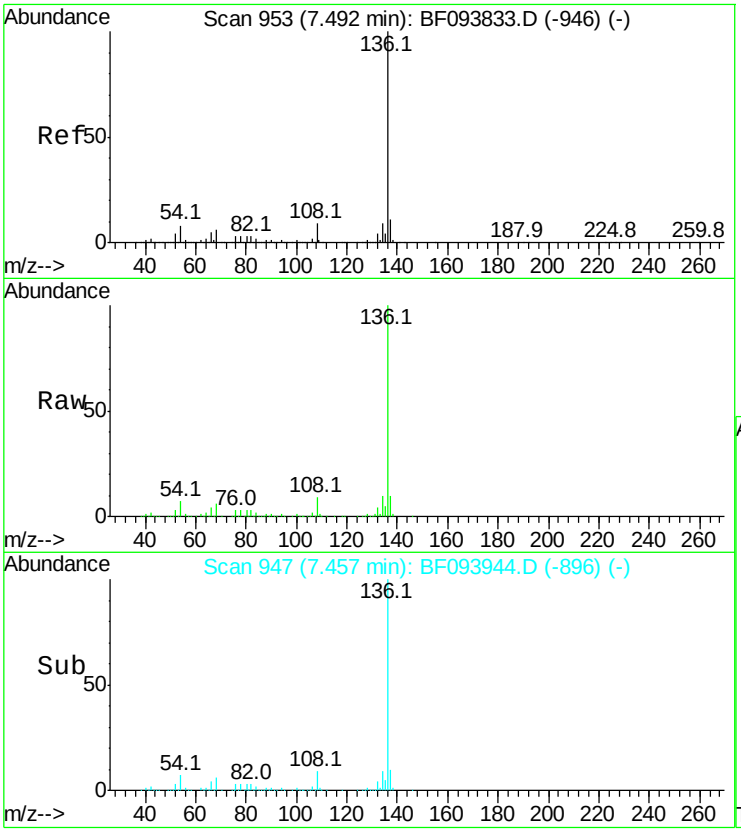


#19
n-Nitroso-di-n-propylamine
Concen: 3.15 ng
RT: 6.59 min Scan# 800
Delta R.T. 0.15 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion: 70 Resp: 28169

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



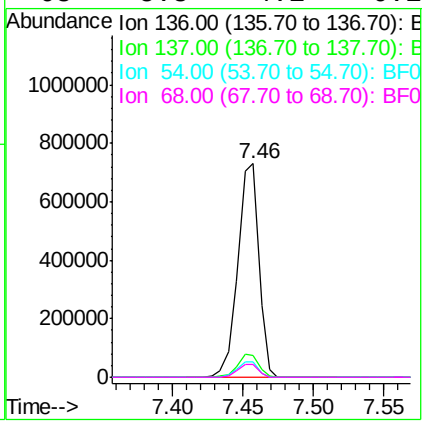


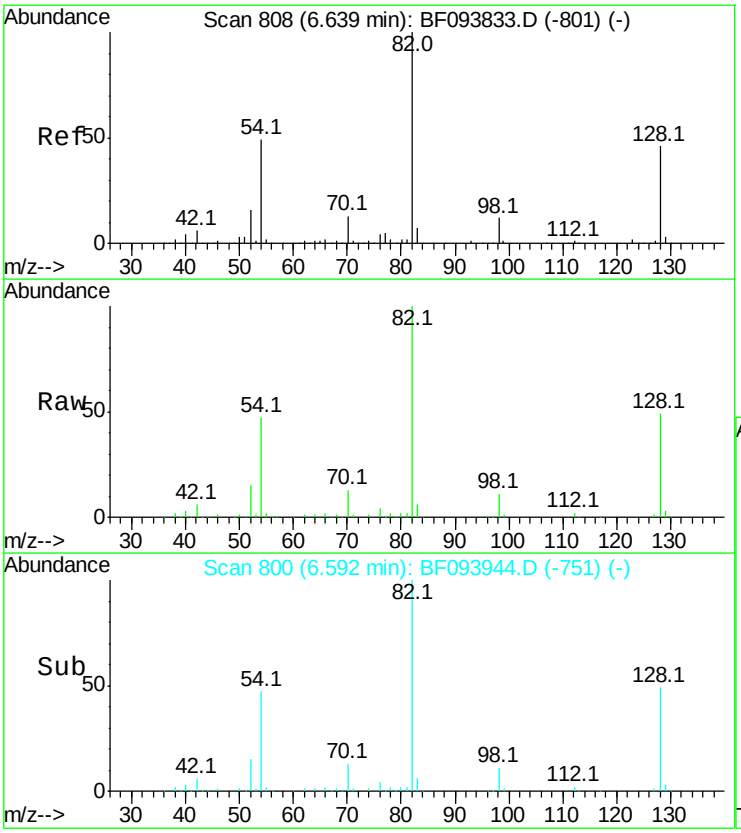
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:136 Resp: 760006

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1

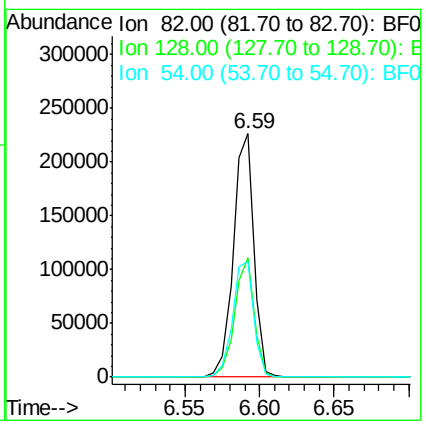


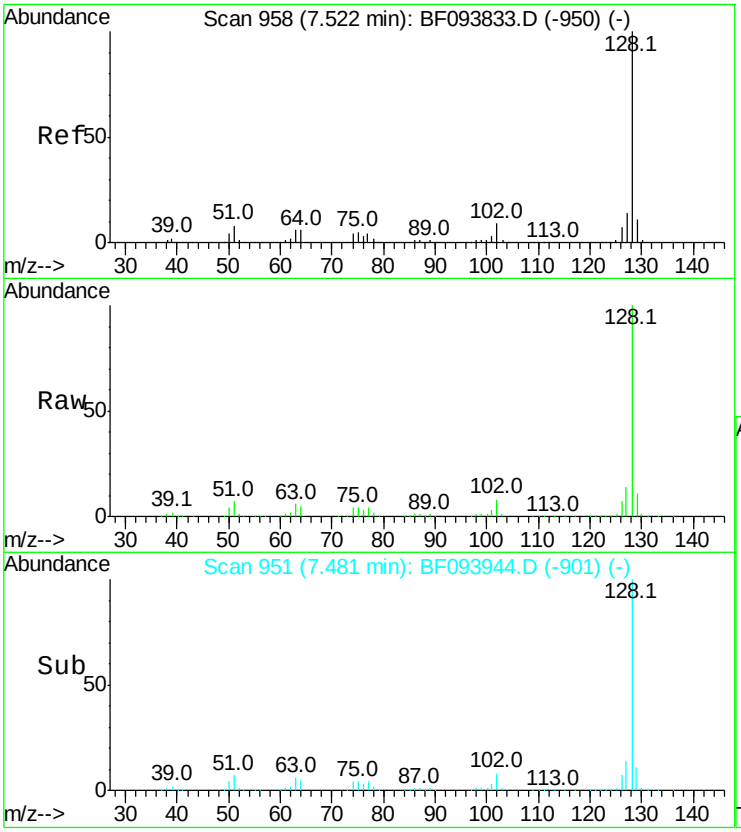


#23
Nitrobenzene-d5
Concen: 16.43 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion: 82 Resp: 218758

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	47.4	42.2	63.2



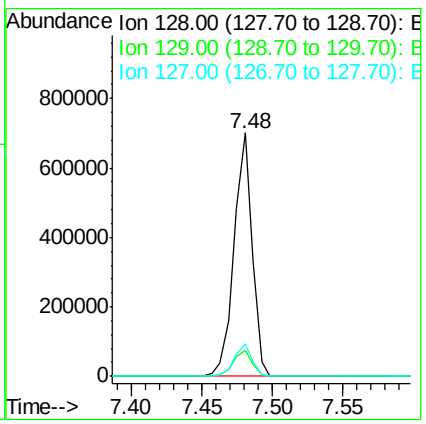


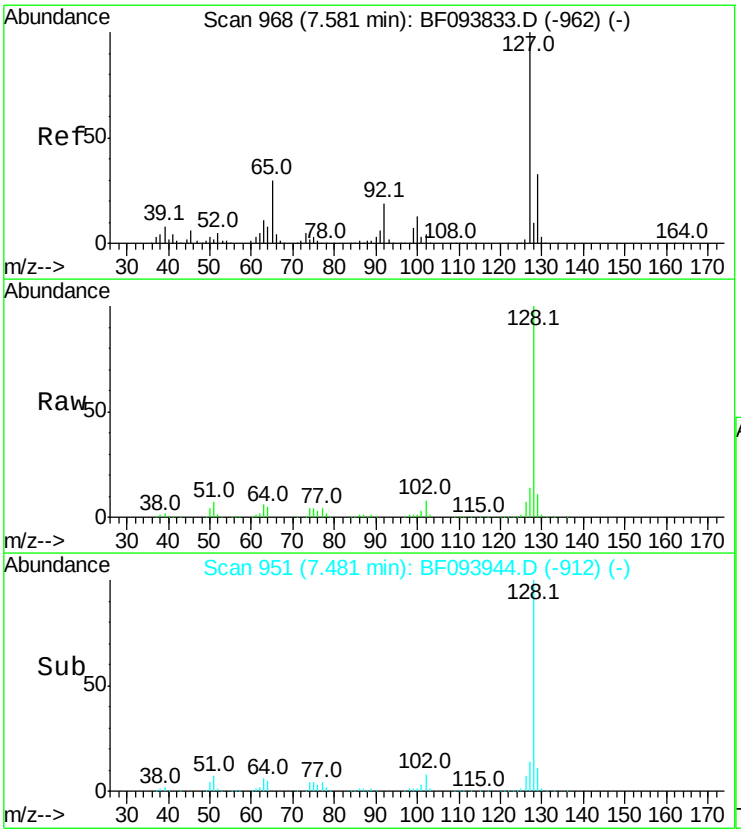
#31
Naphthalene
Concen: 17.17 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:128 Resp: 627380

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.5	10.8	16.2

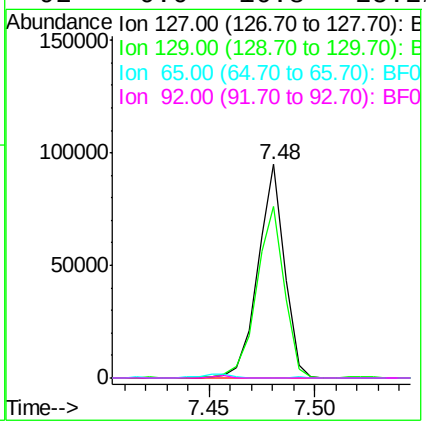


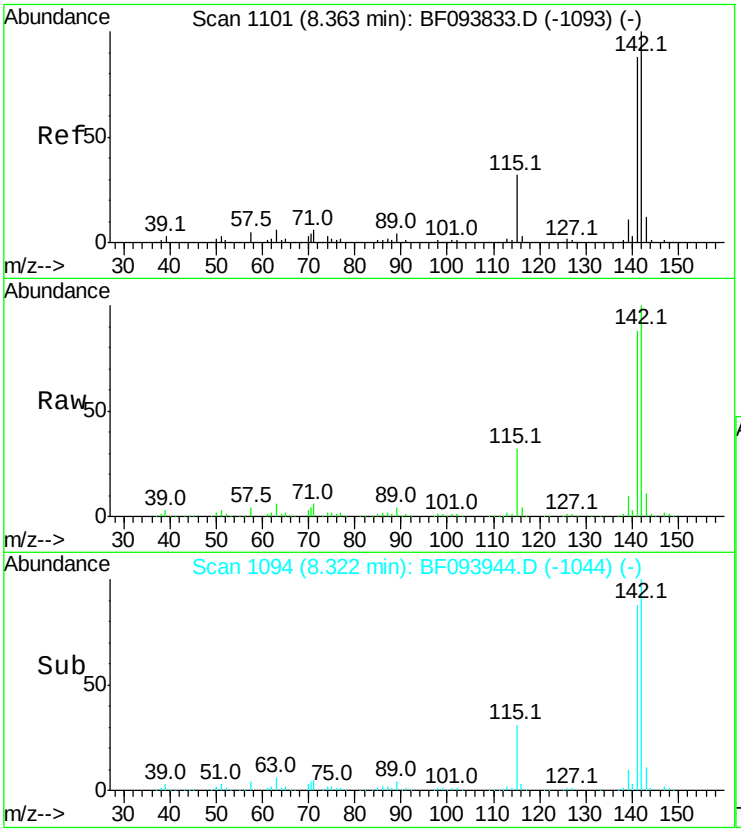


#33
4-Chloroaniline
Concen: 5.59 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.07 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:127 Resp: 82721

Ion	Ratio	Lower	Upper
127	100		
129	80.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



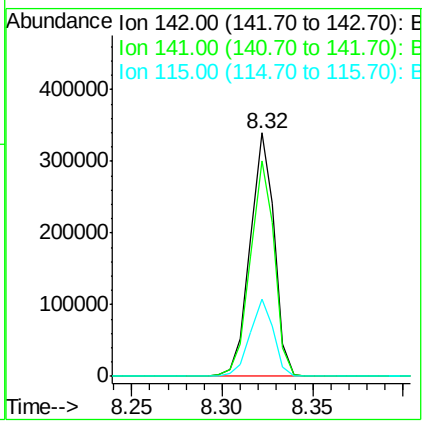


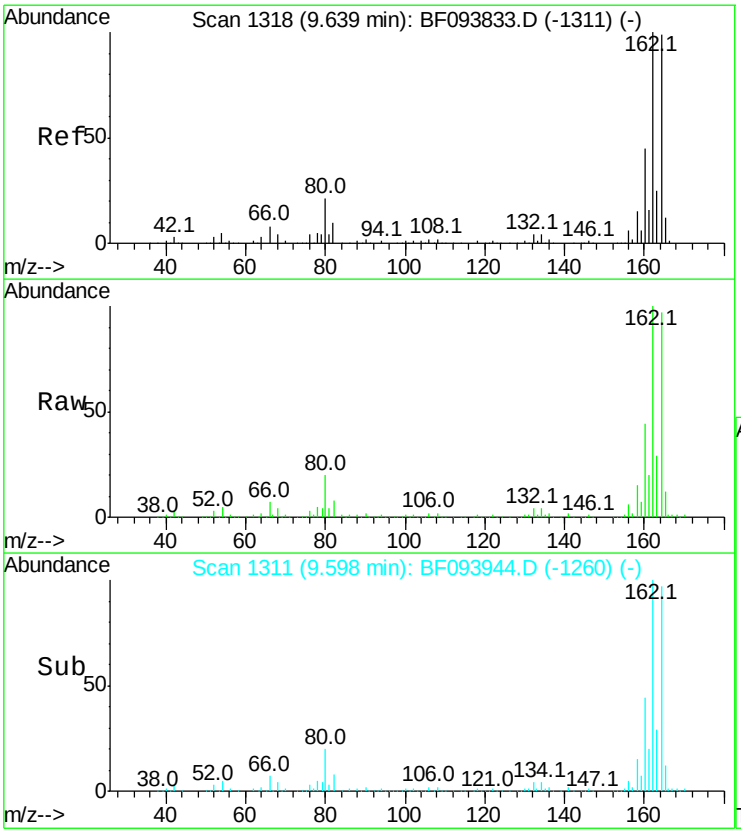
#37
2-Methylnaphthalene
Concen: 12.84 ng
RT: 8.32 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:142 Resp: 312674

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	31.5	27.1	40.7

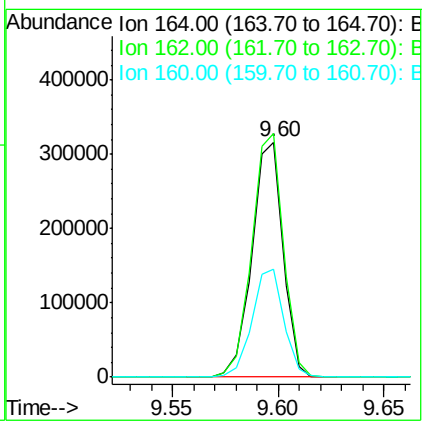


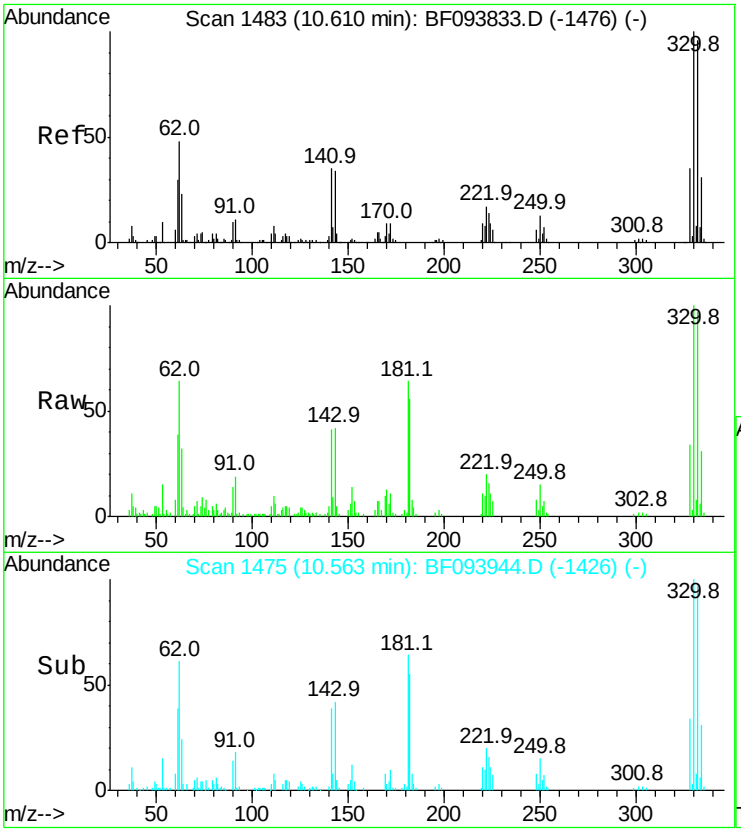


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:164 Resp: 324591

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.0	36.2	54.2



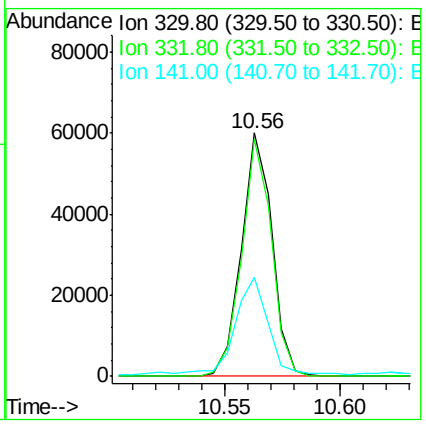


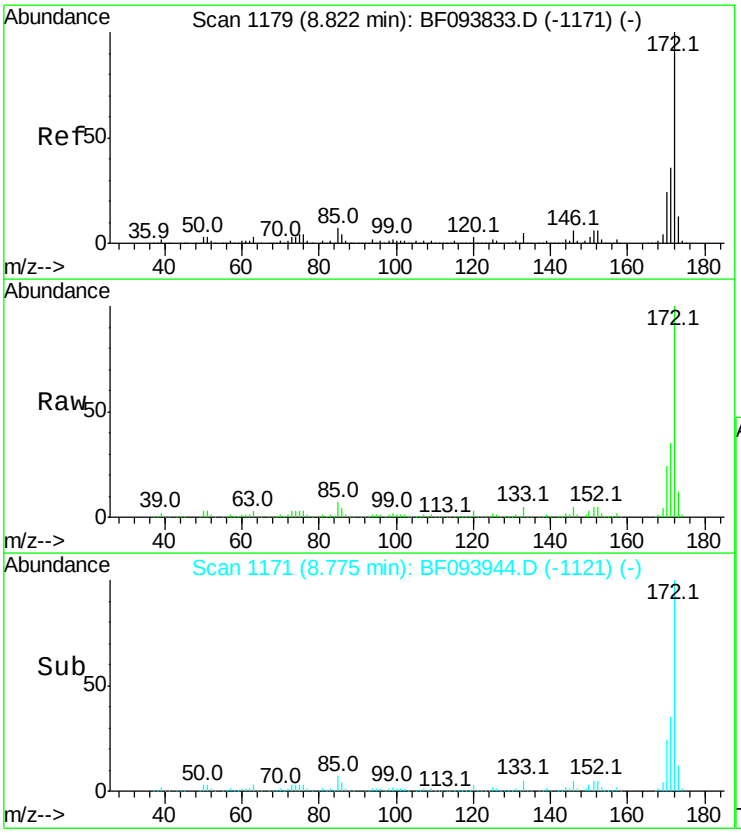
#41
2,4,6-Tribromophenol
Concen: 21.76 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:330 Resp: 55816

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	44.5	31.4	47.2

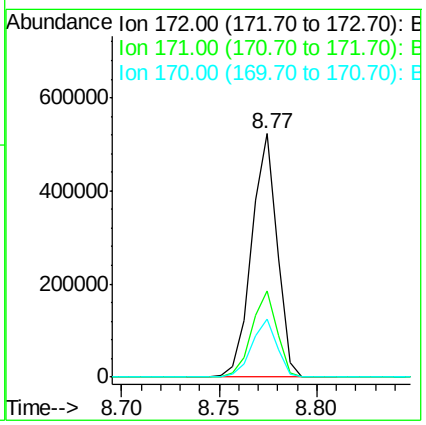


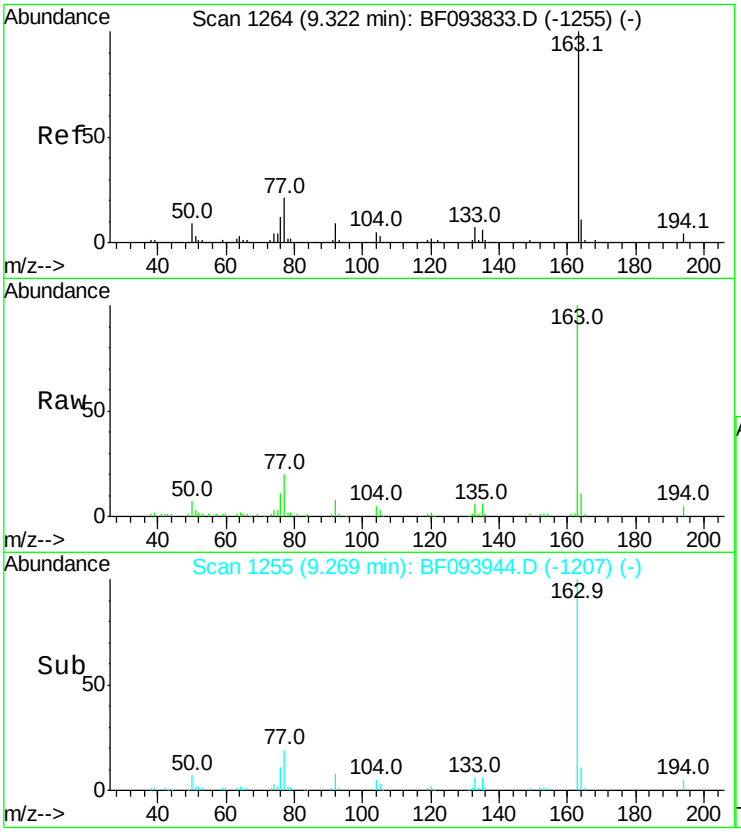


#44
2-Fluorobiphenyl
Concen: 22.23 ng
RT: 8.77 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:172 Resp: 473104

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.8	19.8	29.8



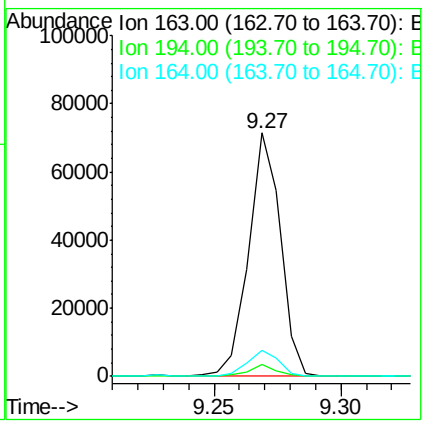


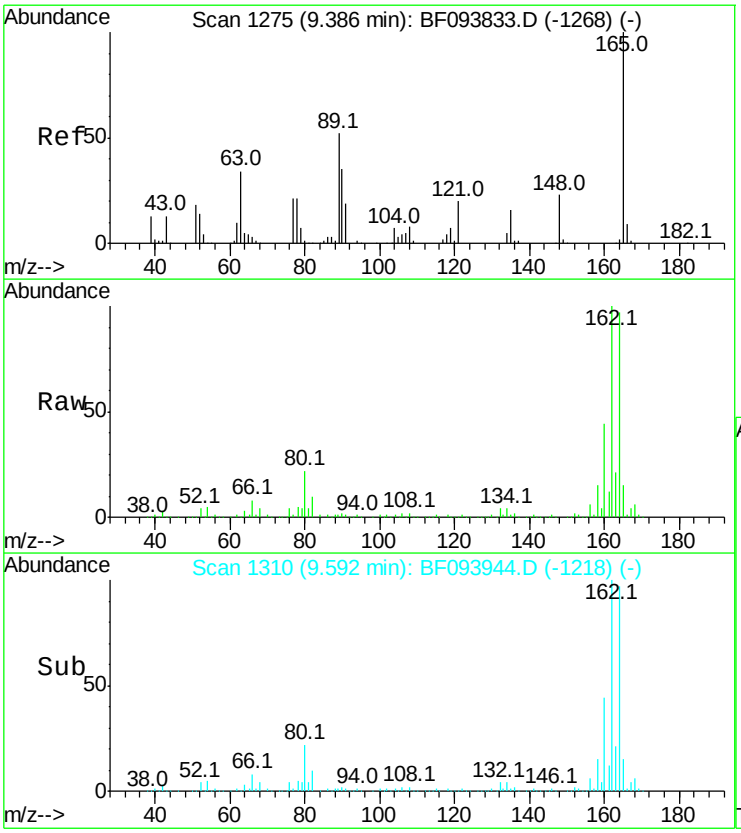
#49
Dimethylphthalate
Concen: 2.73 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:163 Resp: 62893

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.6	4.0#
164	10.7	8.4	12.6

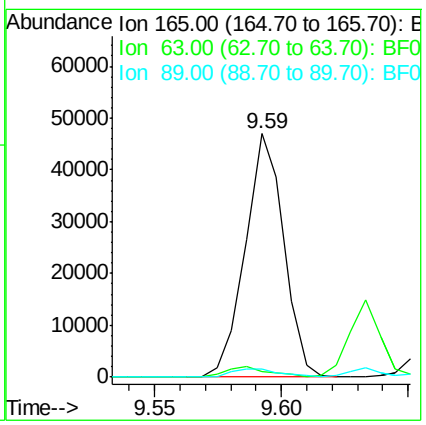


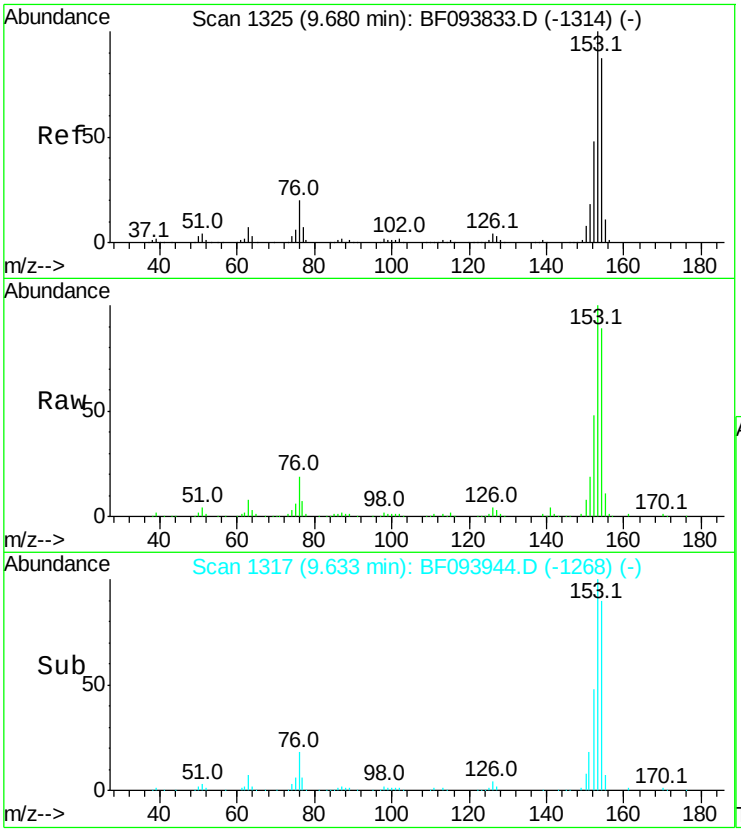


#50
2,6-Dinitrotoluene
Concen: 9.36 ng
RT: 9.59 min Scan# 1310
Delta R.T. 0.24 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:165 Resp: 49490

Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.3	51.5#
89	3.3	37.1	55.7#



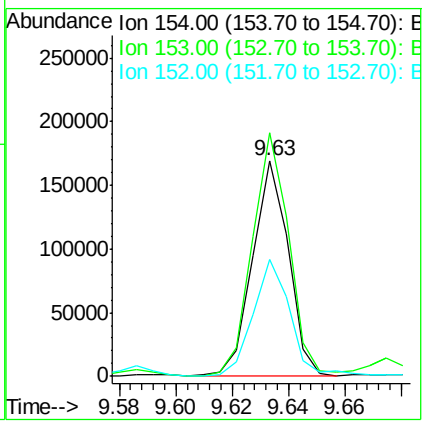


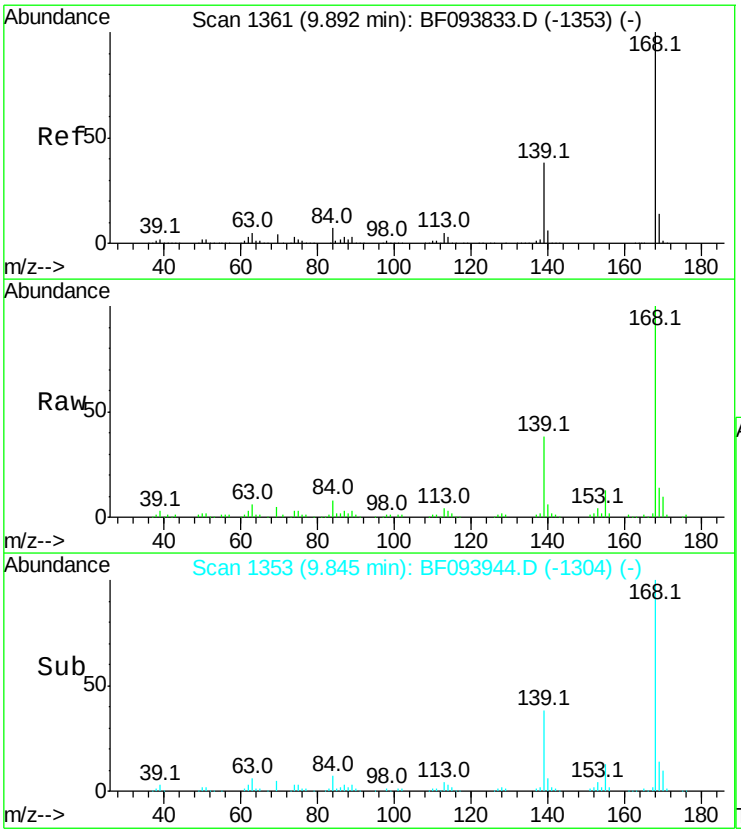
#51
Acenaphthene
Concen: 7.42 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:154 Resp: 147401

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	54.5	43.6	65.4

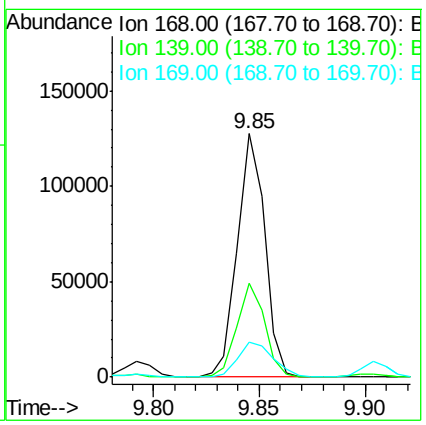


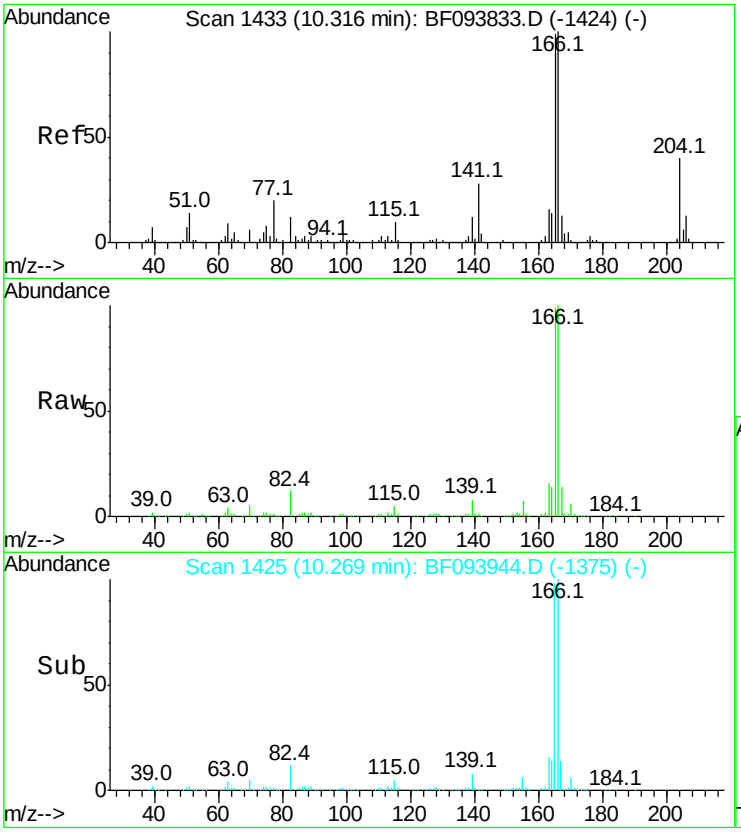


#54
Dibenzofuran
Concen: 4.27 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:168 Resp: 115508

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	14.2	10.8	16.2



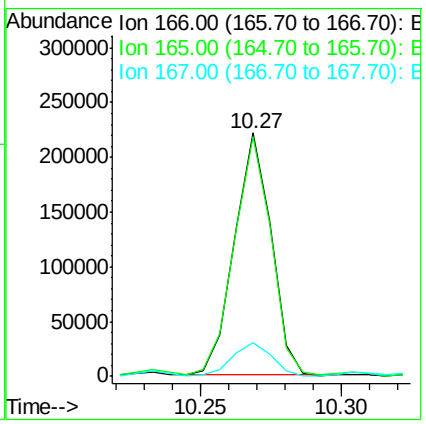


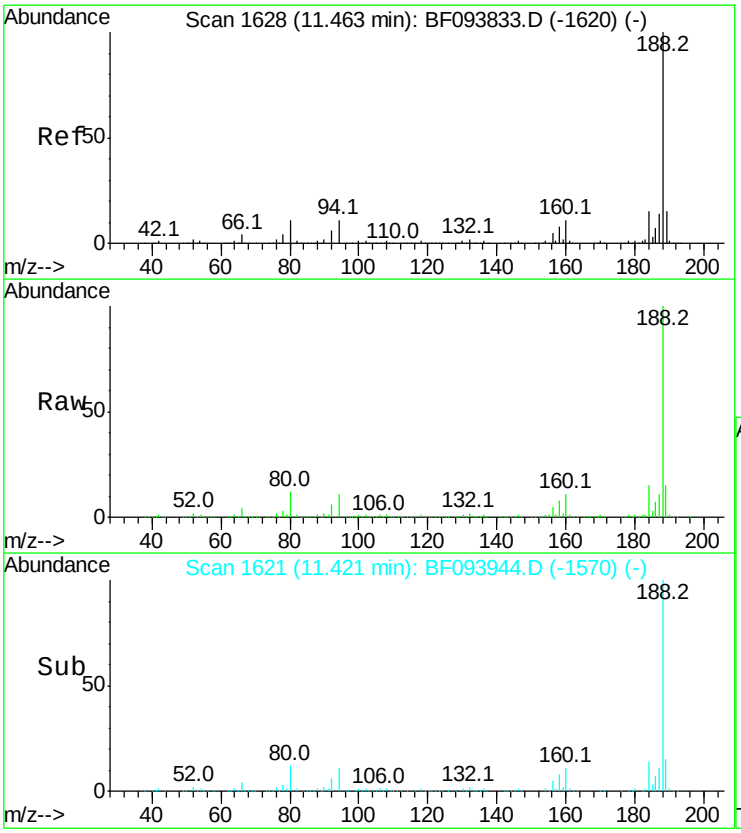
#57
Fluorene
Concen: 8.91 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:166 Resp: 199910

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	14.0	10.6	16.0

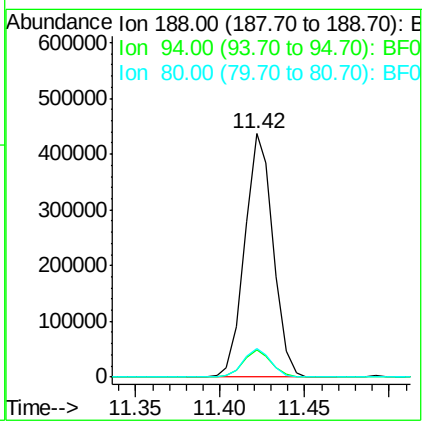


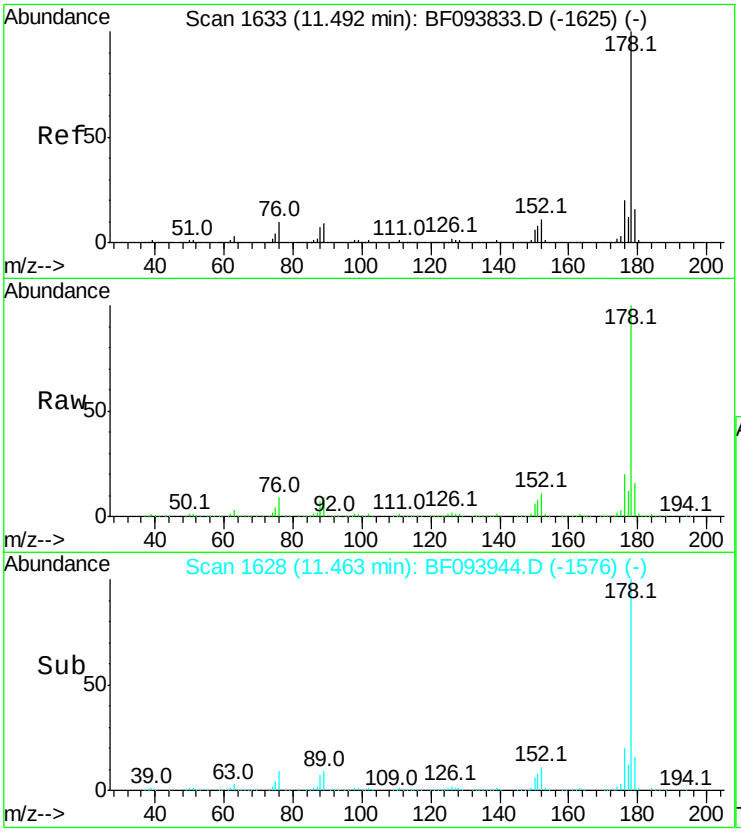


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:188 Resp: 509114

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2



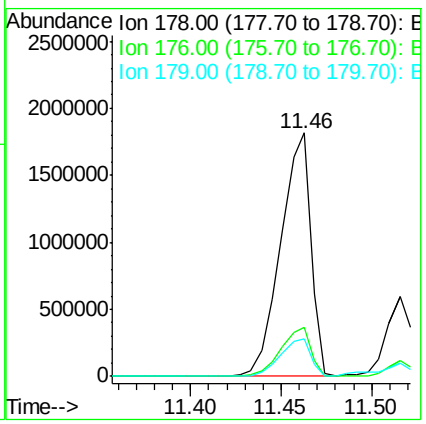


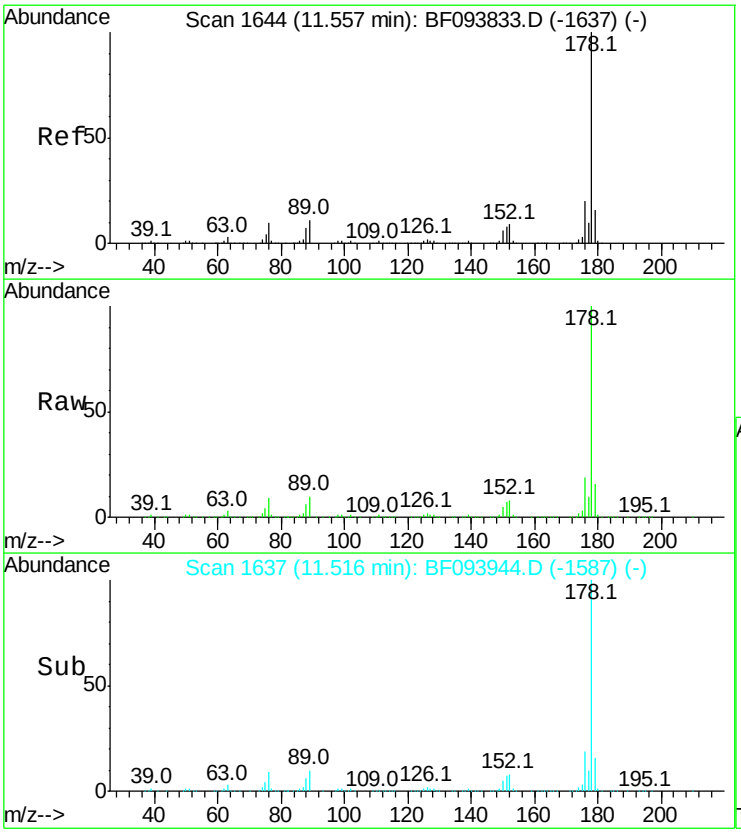
#70
Phenanthrene
Concen: 74.98 ng
RT: 11.46 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:178 Resp: 2123425

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.6	12.6	19.0

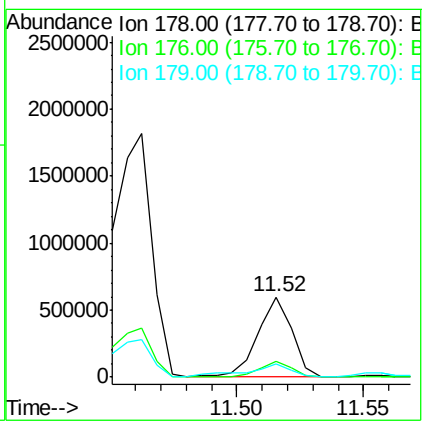


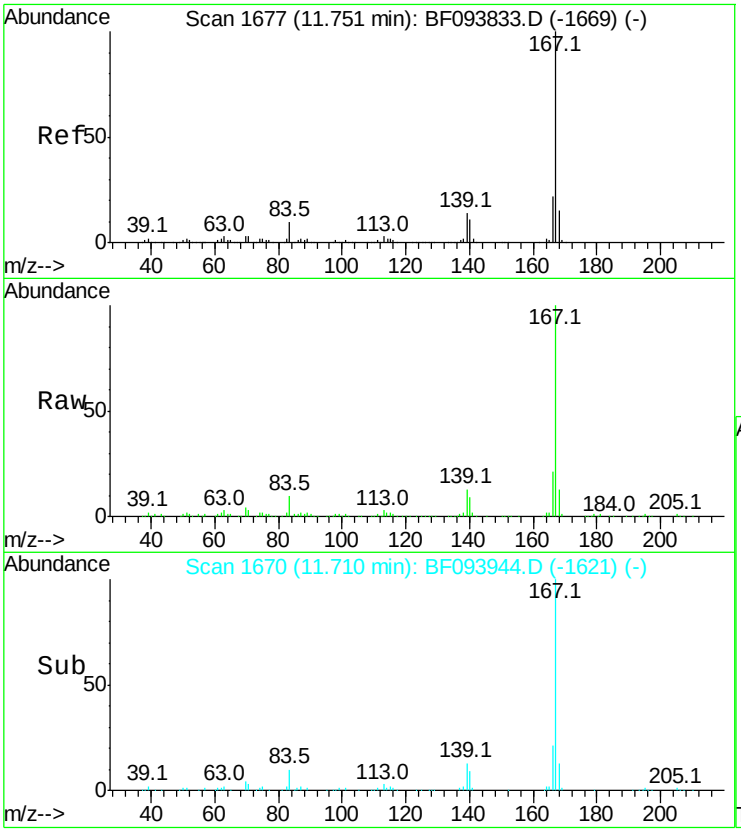


#71
Anthracene
Concen: 19.38 ng
RT: 11.52 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:178 Resp: 565133

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.7	12.7	19.1



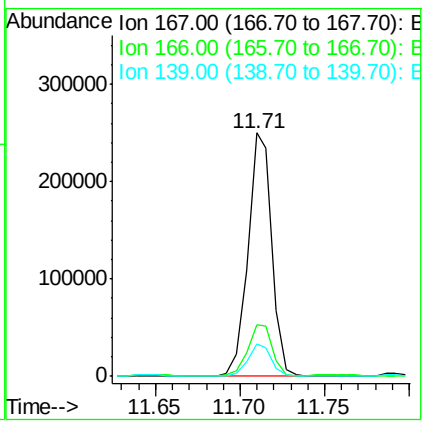


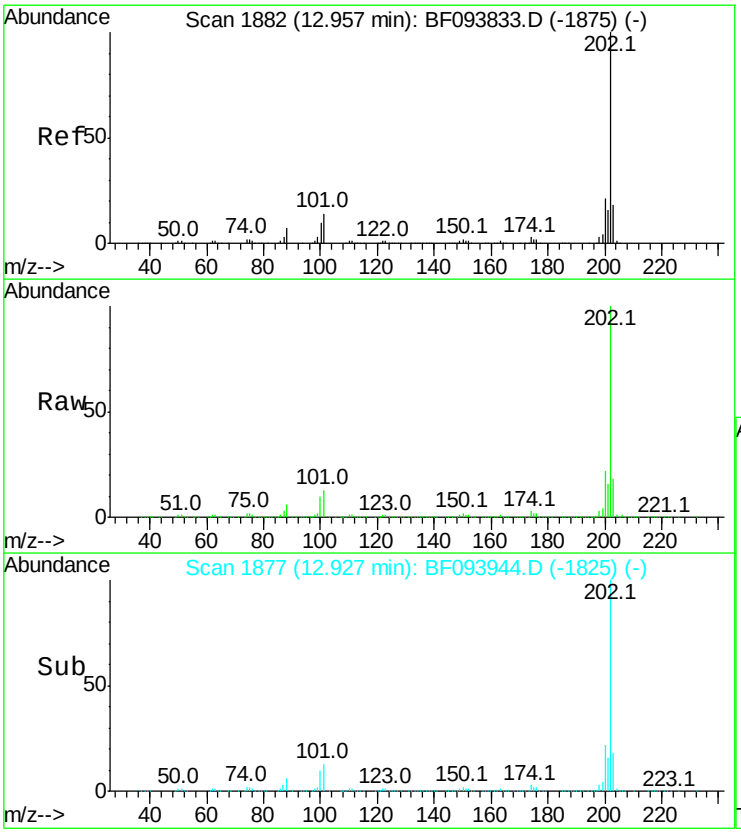
#72
Carbazole
Concen: 8.24 ng
RT: 11.71 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:167 Resp: 246347

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.1	11.7	17.5

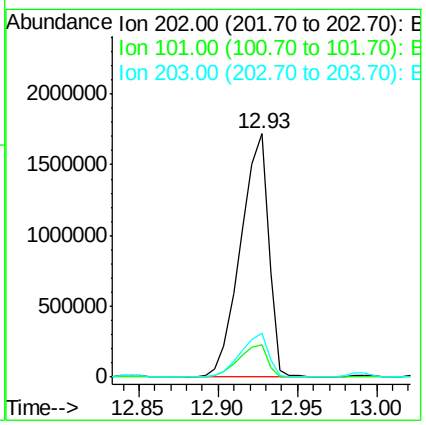


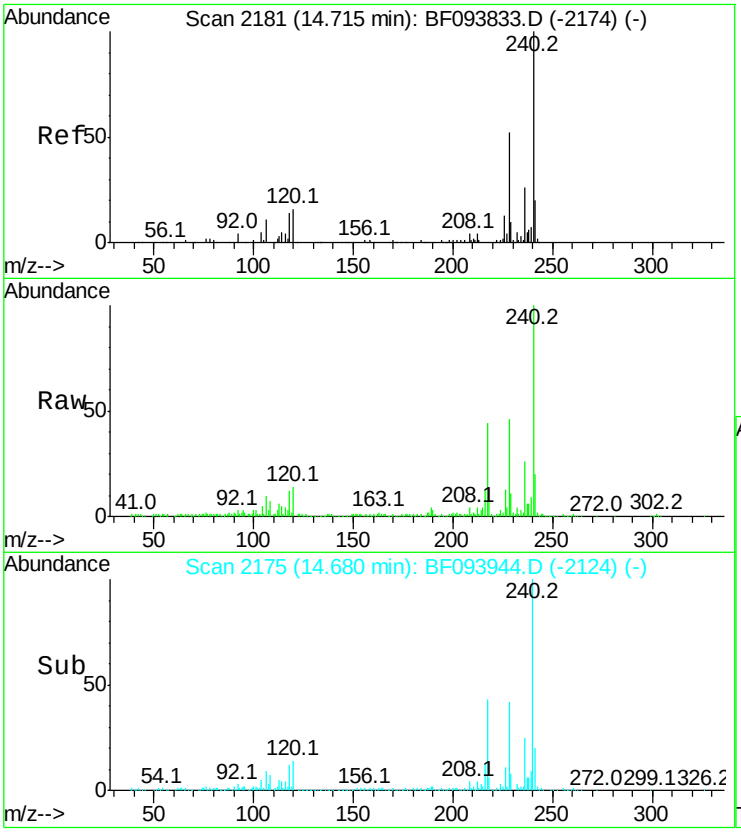


#74
Fluoranthene
Concen: 72.51 ng
RT: 12.93 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:202 Resp: 2102782

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.8	0.0	38.1



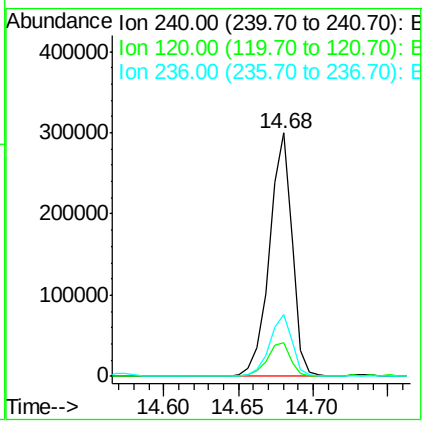


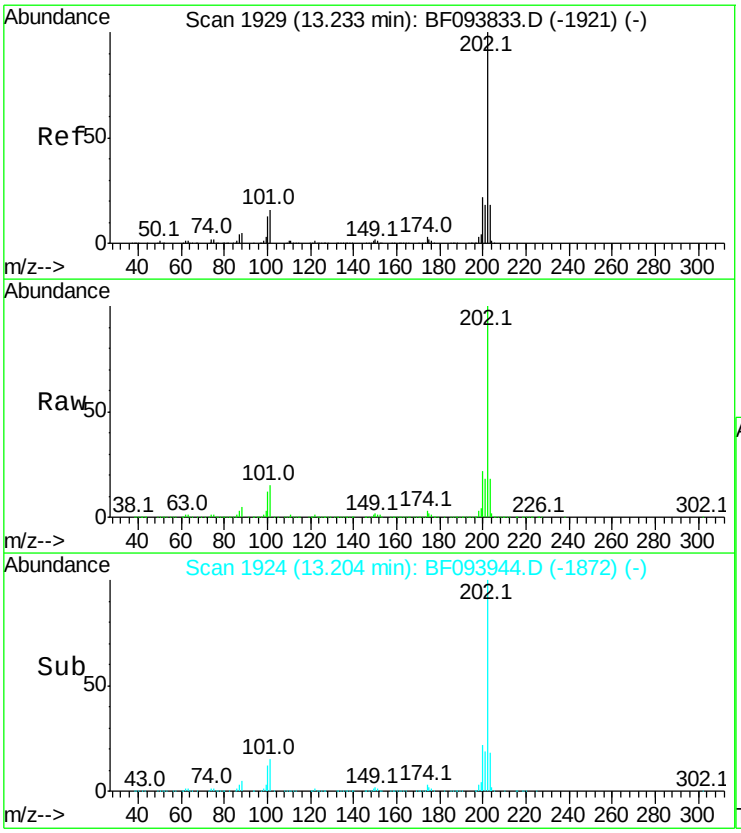
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:240 Resp: 313908

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.5	20.5	30.7

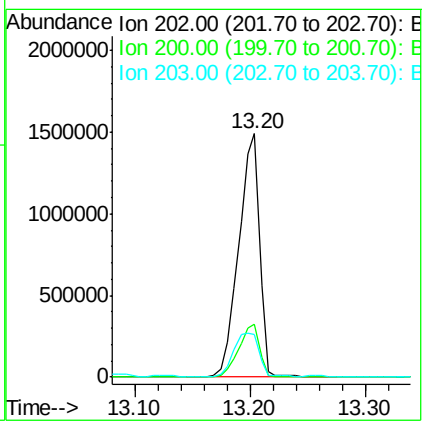


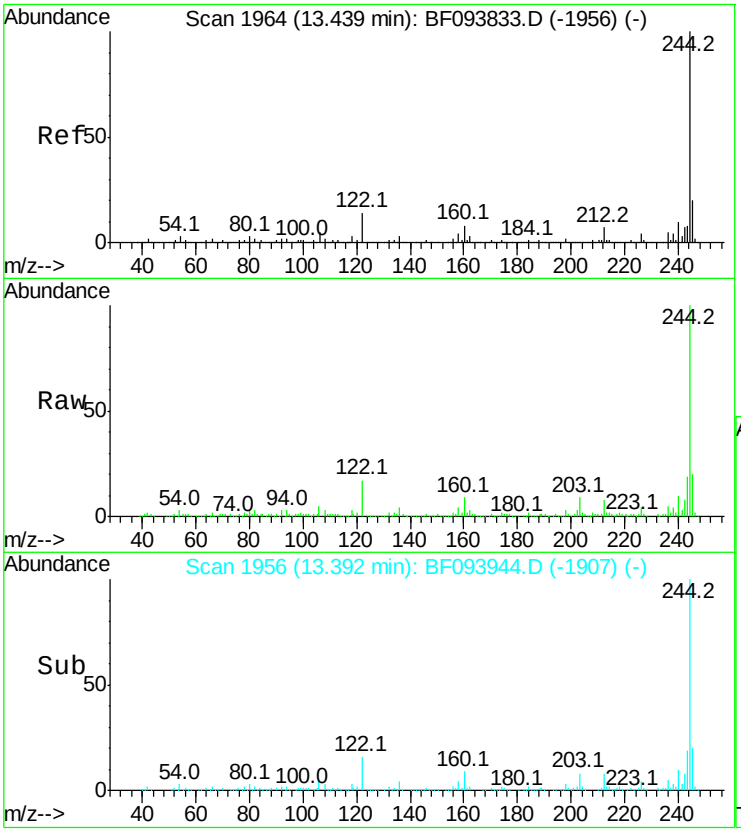


#77
Pyrene
Concen: 81.46 ng
RT: 13.20 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:202 Resp: 1855821

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.7	14.4	21.6



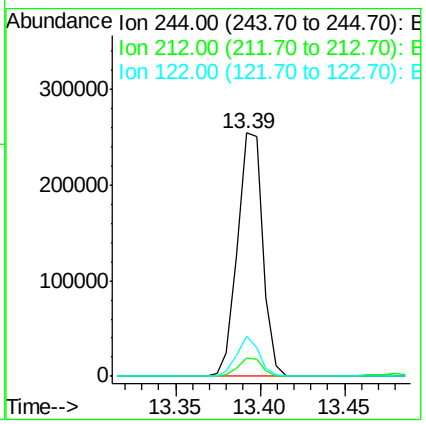


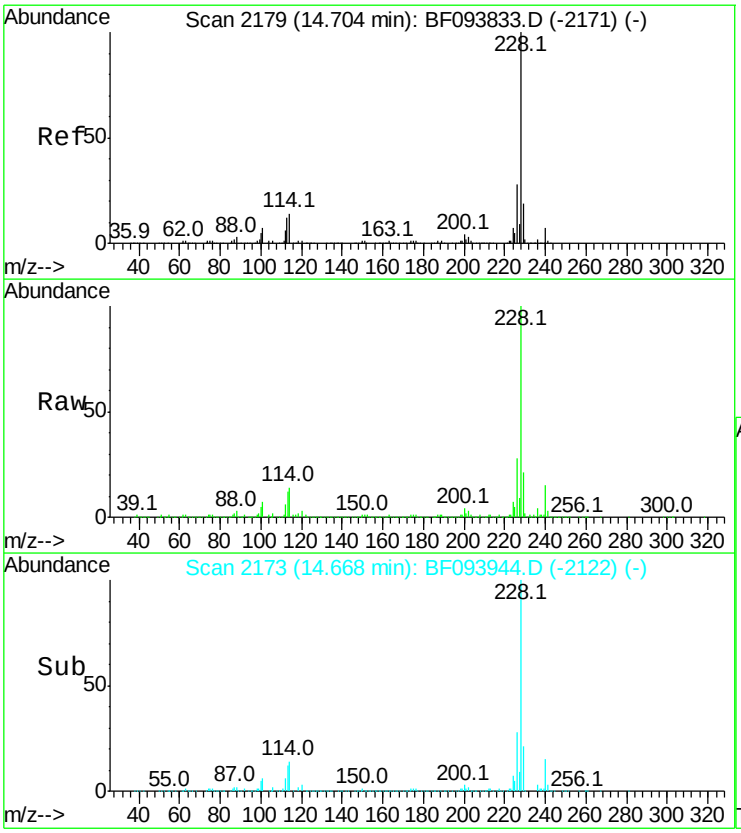
#78
Terphenyl-d14
Concen: 18.99 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:244 Resp: 265967

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.5	10.3	15.5#

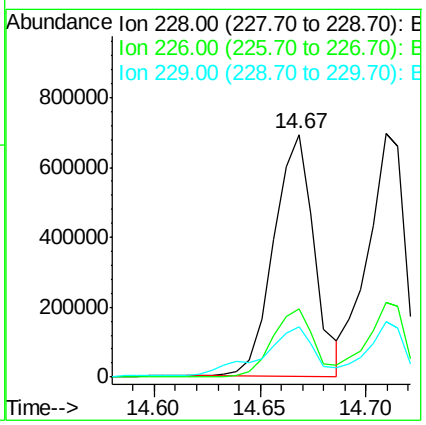


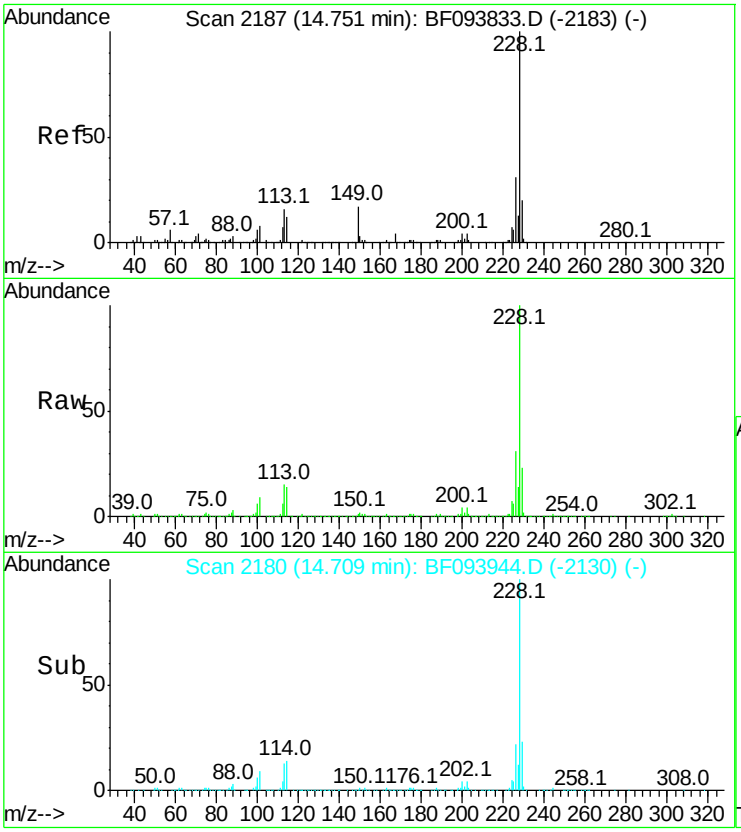


#80
Benzo(a)anthracene
Concen: 50.21 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:228 Resp: 919143

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.0	16.3	24.5



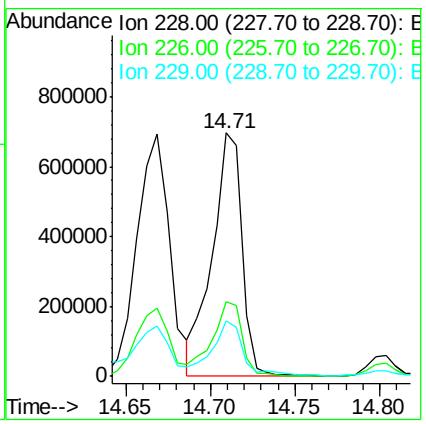


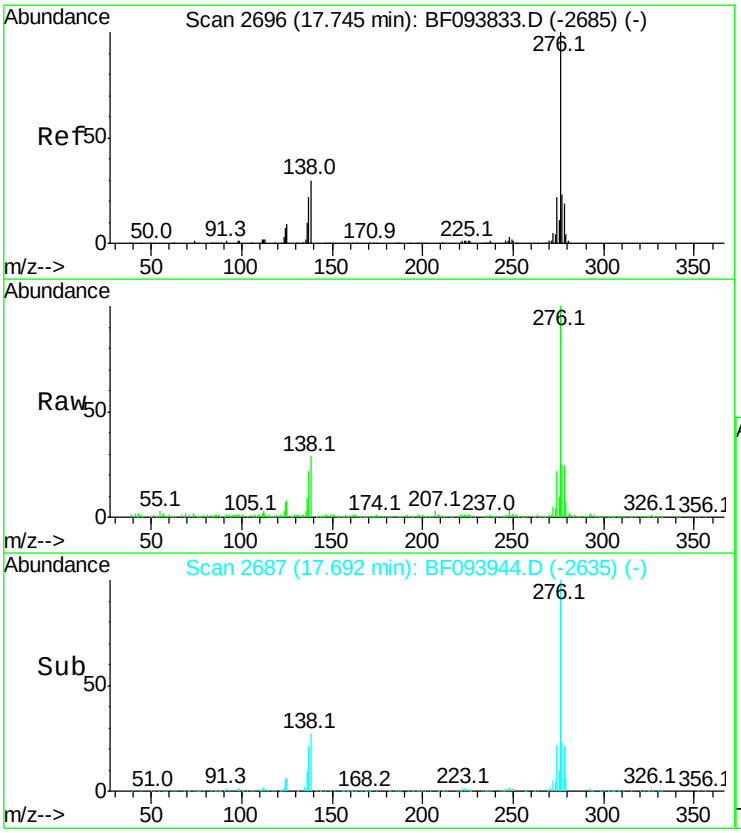
#82
Chrysene
Concen: 49.98 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:228 Resp: 849028

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.9	15.8	23.6

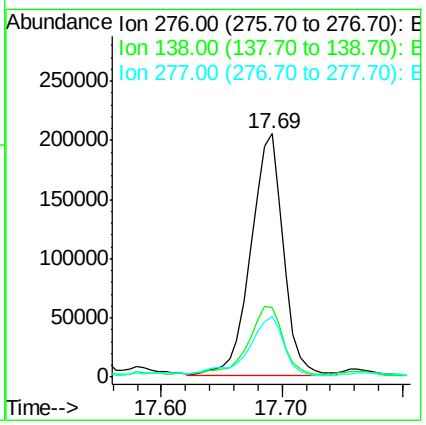


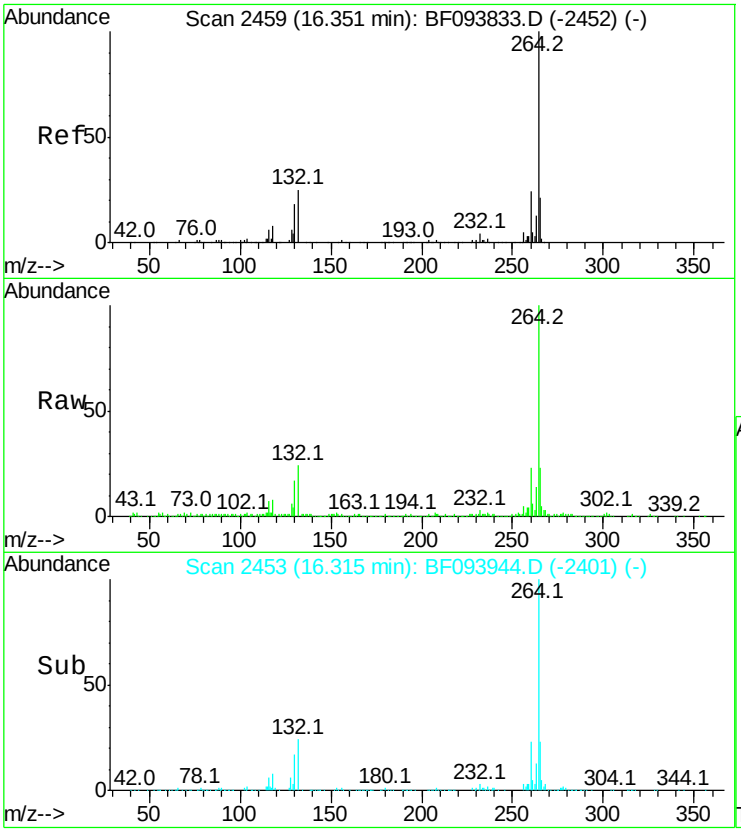


#85
Indeno(1,2,3-cd)pyrene
Concen: 26.13 ng
RT: 17.69 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:276 Resp: 384349

Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	27.0	20.2	30.4



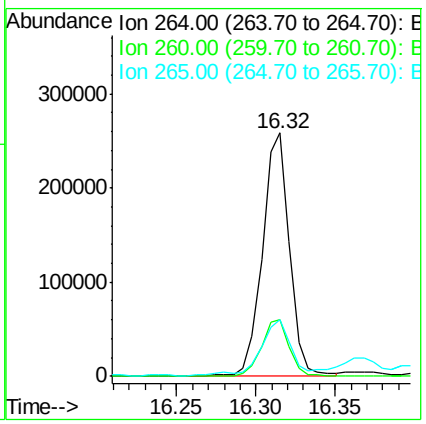


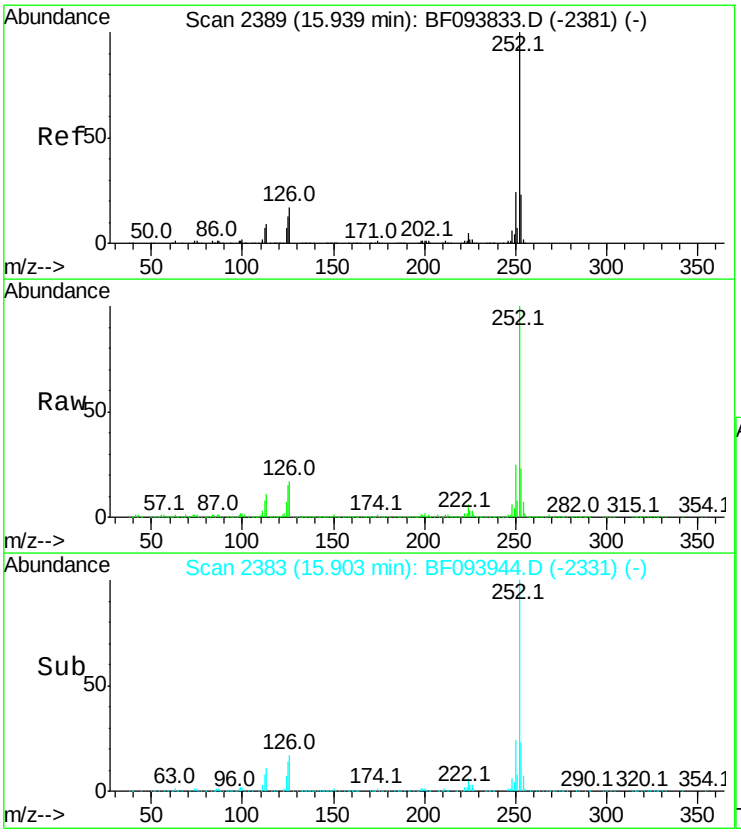
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:264 Resp: 307529

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	23.4	17.2	25.8

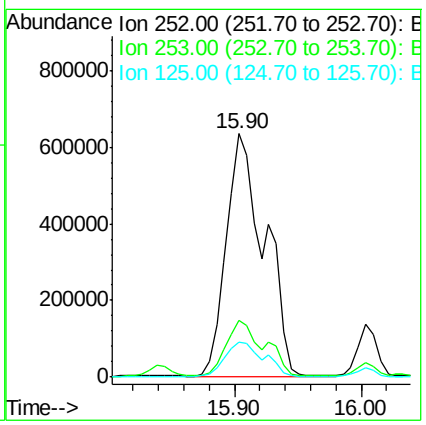


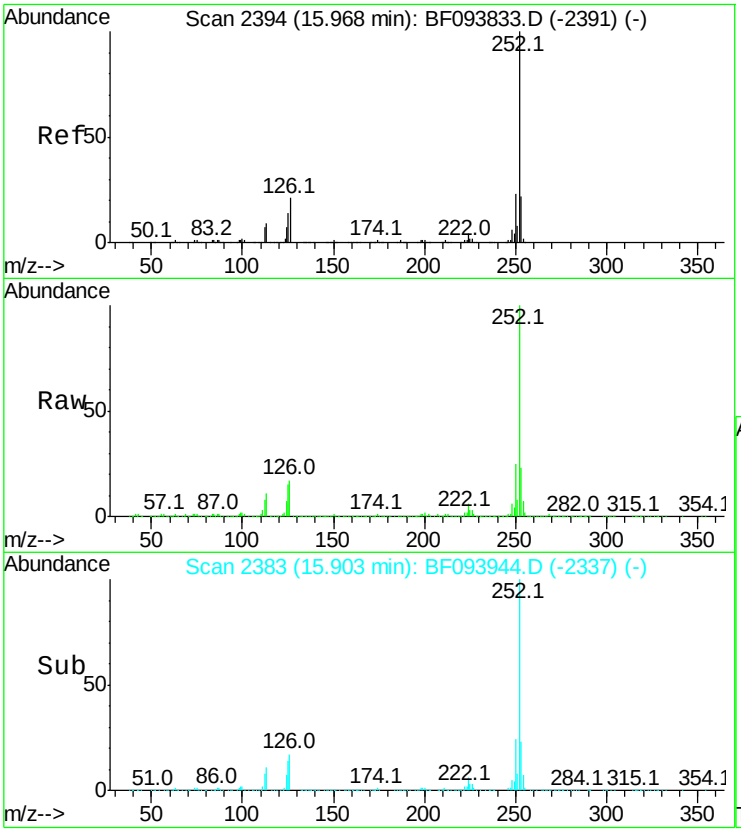


#87
Benzo(b)fluoranthene
Concen: 70.64 ng
RT: 15.90 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:252 Resp: 1331561

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.5	9.8	14.8



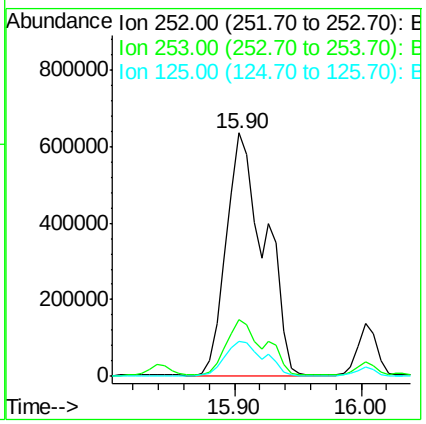


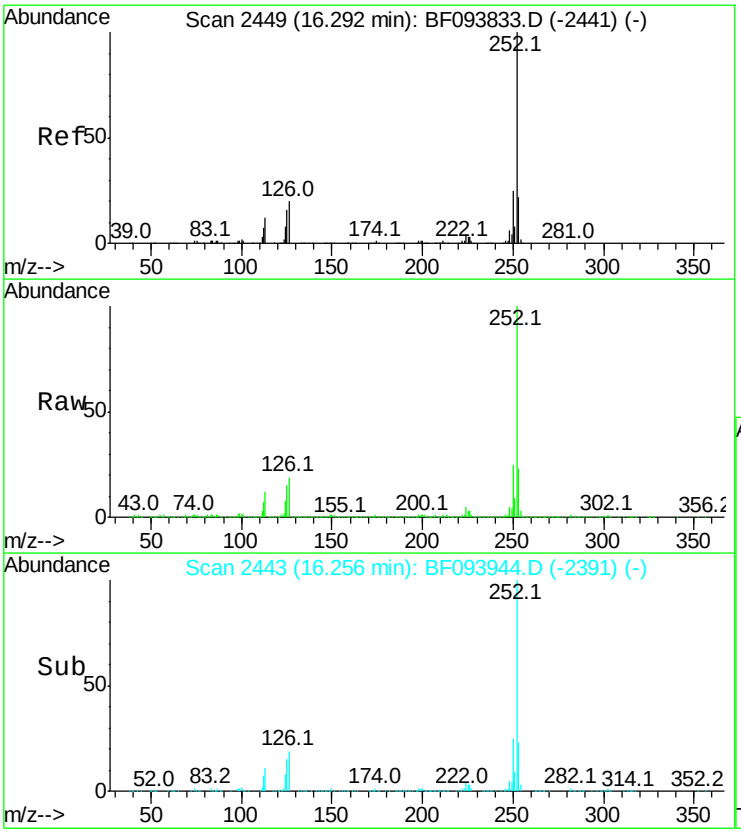
#88
Benzo(k)fluoranthene
Concen: 72.20 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:252 Resp: 1331561

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	14.5	13.1	19.7

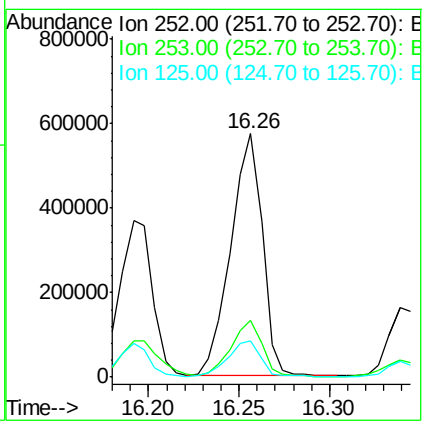


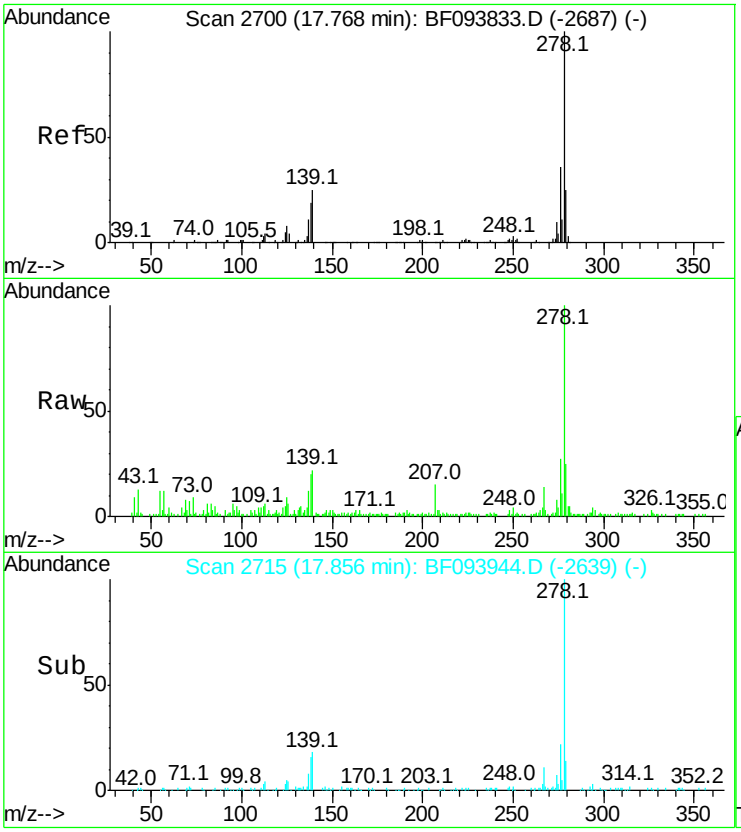


#89
Benzo(a)pyrene
Concen: 40.08 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:252 Resp: 695813

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.9	11.0	16.4



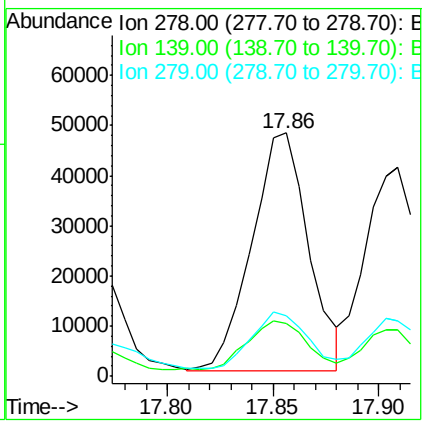


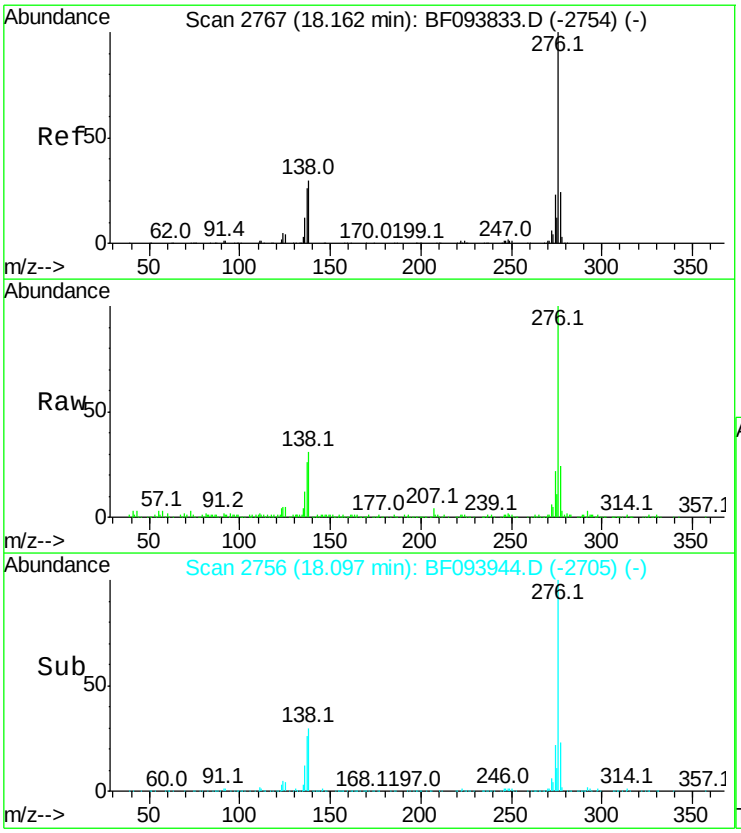
#90
Dibenzo(a,h)anthracene
Concen: 6.04 ng
RT: 17.86 min Scan# 2715
Delta R.T. 0.15 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Instrument :
BNA_F
ClientSampleId :
E2-R15-SSWDL

Tgt Ion:278 Resp: 88724

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	24.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 22.43 ng
RT: 18.10 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BF093944.D
Acq: 27 Mar 2017 15:11

Tgt Ion:276 Resp: 332300

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	30.7	25.4	38.0