Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093924.D
Acq On : 24 Mar 2017 23:25
Operator : SJ/MA
Sample : I2367-16 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CC-DD-9-10-BASE

Quant Time: Mar 25 00:51:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	176368	20.00	ng		-0.03
21) Naphthalene-d8	7.46	136	697844	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	299393	20.00	ng		-0.04
63) Phenanthrene-d10	11.43	188	450248	20.00	ng		-0.03
75) Chrysene-d12	14.69	240	326147	20.00	ng		-0.02
86) Perylene-d12	16.33	264	290528	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	461359	44.18	ng		-0.02
7) Phenol-d6	5.55	99	667153	51.65	ng		-0.02
23) Nitrobenzene-d5	6.60	82	391139	31.99	ng		-0.04
41) 2,4,6-Tribromophenol	10.57	330	141729	59.91	ng		-0.04
44) 2-Fluorobiphenyl	8.79	172	840516	42.82	ng		-0.04
78) Terphenyl-d14	13.41	244	562691	38.67	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.60	70	52466	6.32	ng	#	75
31) Naphthalene	7.49	128	131244	3.91	ng		98
37) 2-Methylnaphthalene	8.33	142	91268	4.08	ng		98
48) Acenaphthylene	9.43	152	91738	2.92	ng		98
49) Dimethylphthalate	9.28	163	72145	3.39	ng		97
51) Acenaphthene	9.65	154	71598	3.91	ng		100
54) Dibenzofuran	9.86	168	94590	3.79	ng		97
57) Fluorene	10.28	166	90409	4.37	ng		98
70) Phenanthrene	11.46	178	1225513	48.93	ng		99
71) Anthracene	11.52	178	361015	14.00	ng		98
72) Carbazole	11.72	167	128989	4.88	ng		98
74) Fluoranthene	12.93	202	1573525	61.35	ng		99
77) Pyrene	13.21	202	1394758	58.93	ng		99
80) Benzo(a)anthracene	14.68	228	655365	34.46	ng		99
82) Chrysene	14.72	228	628524	35.61	ng		98
85) Indeno(1,2,3-cd)pyrene	17.71	276	280700	18.36	ng		95
87) Benzo(b)fluoranthene	15.92	252	967549	54.33	ng	#	97
88) Benzo(k)fluoranthene	15.92	252	967549	55.53	ng		99
89) Benzo(a)pyrene	16.27	252	488833	29.81	ng		98
90) Dibenzo(a,h)anthracene	17.72	278	73905	5.32	ng	#	88
91) Benzo(g,h,i)perylene	18.12	276	255012	18.22	ng		98

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

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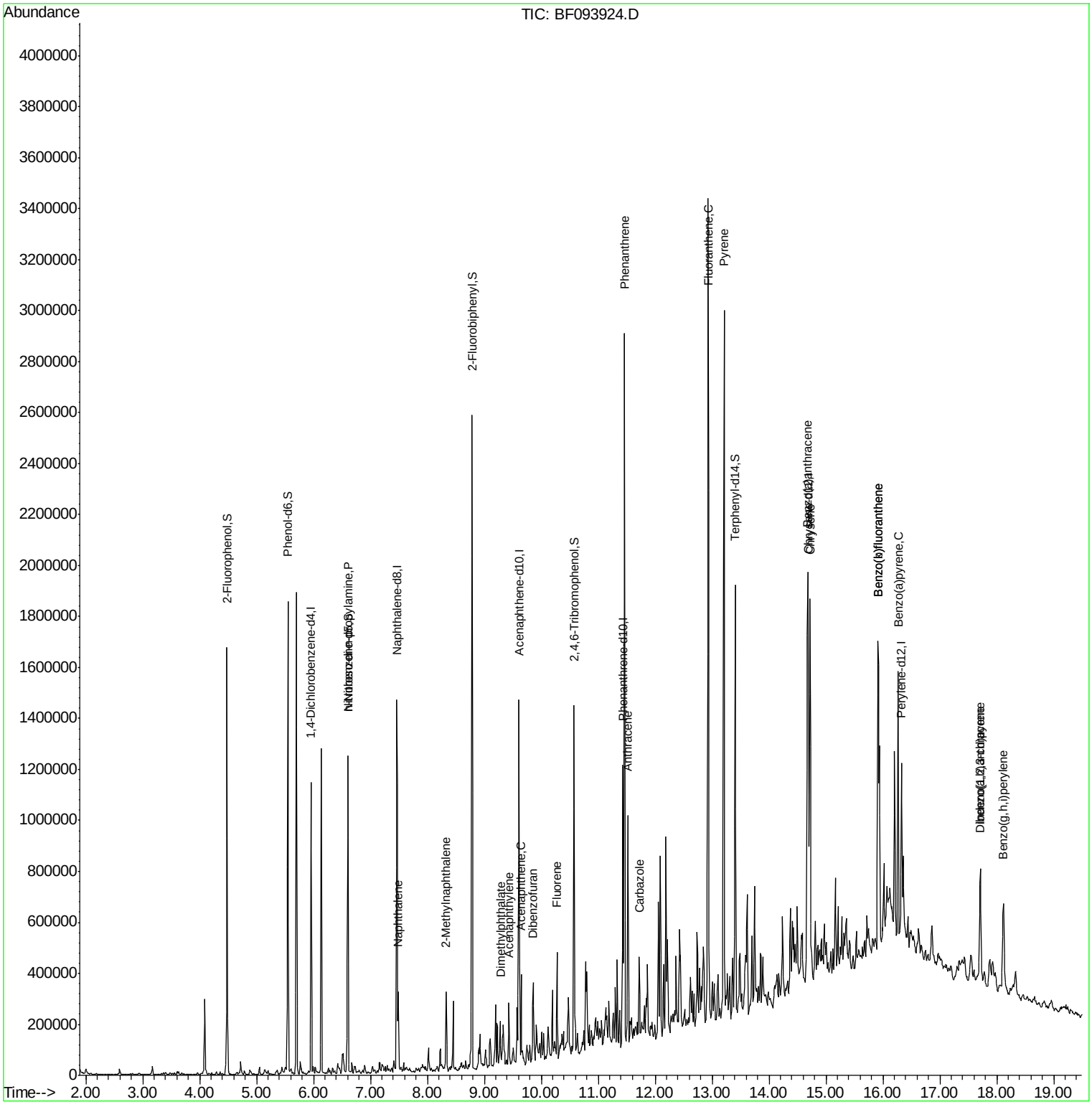
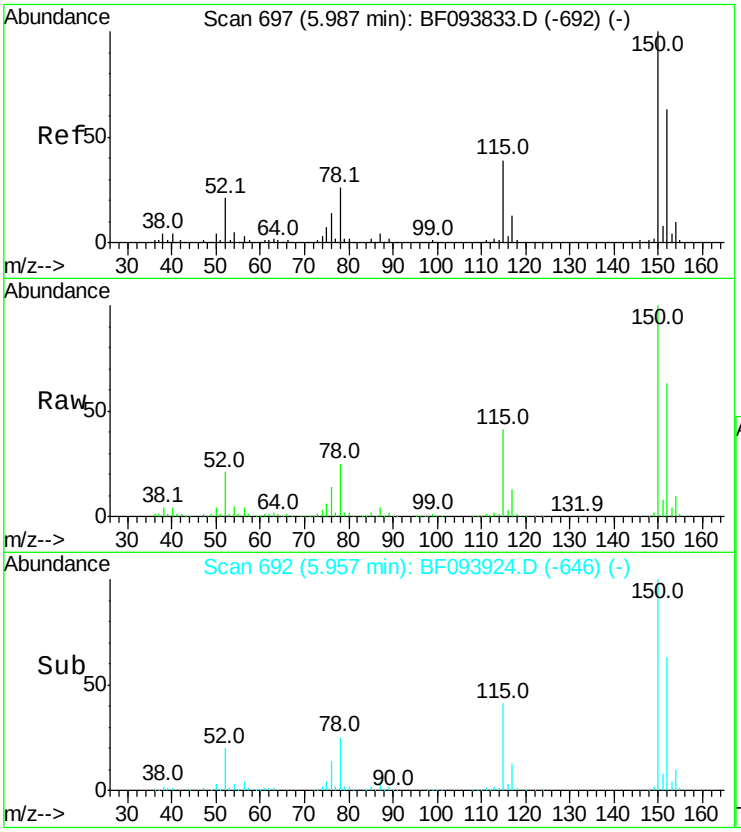


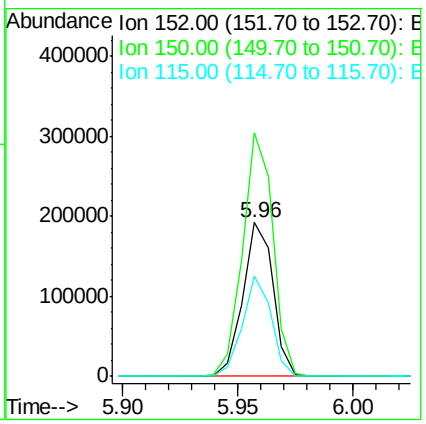


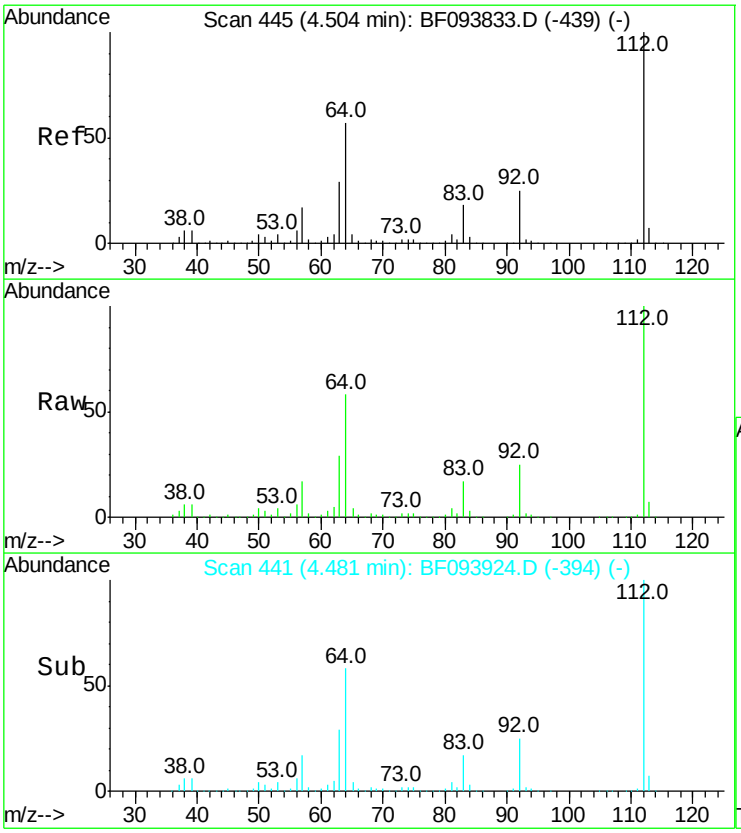
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:152 Resp: 176368

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	65.2	52.2	78.2

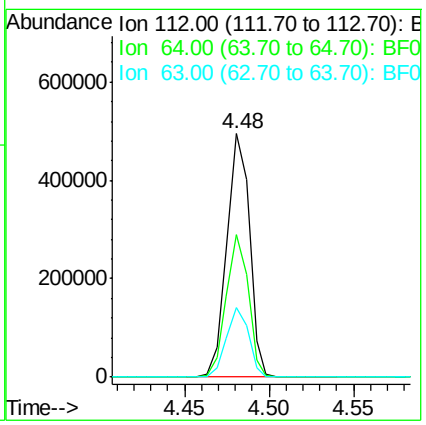


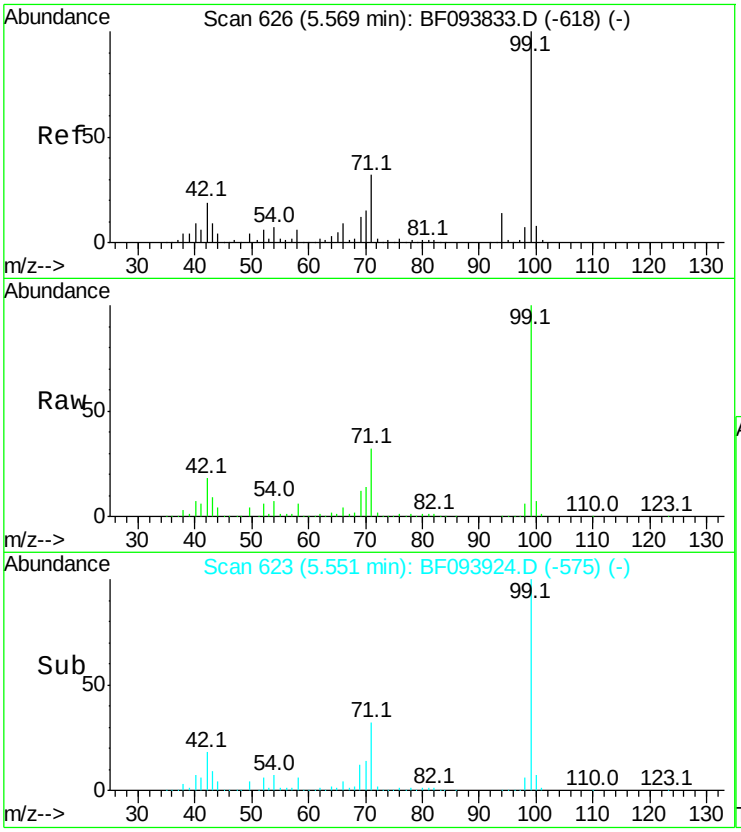


#5
2-Fluorophenol
Concen: 44.18 ng
RT: 4.48 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:112 Resp: 461359

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.6	23.4	35.0



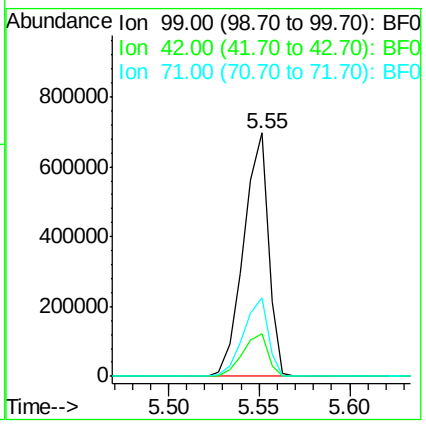


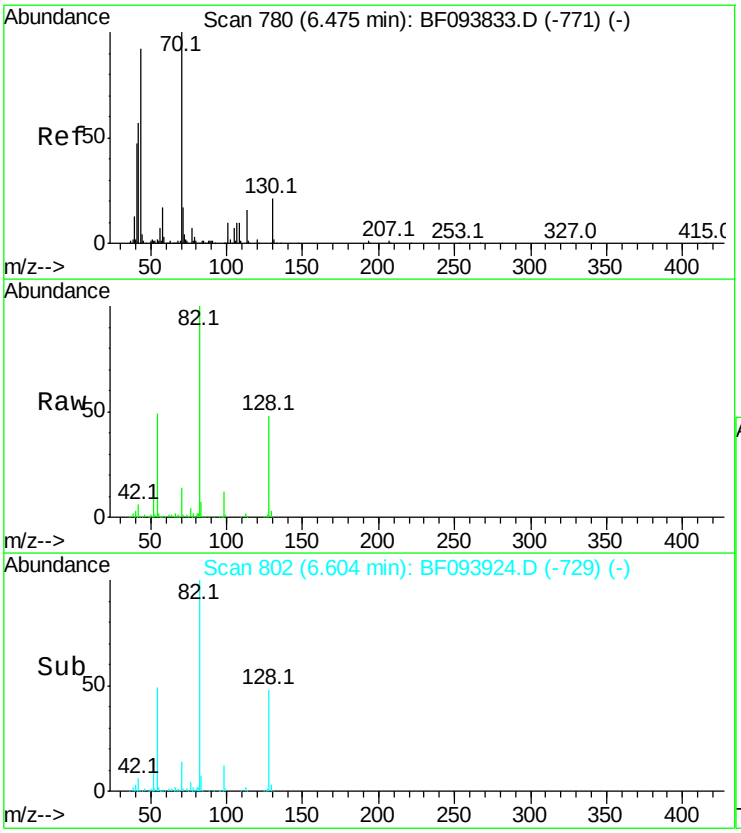
#7
Phenol-d6
Concen: 51.65 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion: 99 Resp: 667153

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.0	24.5	36.7

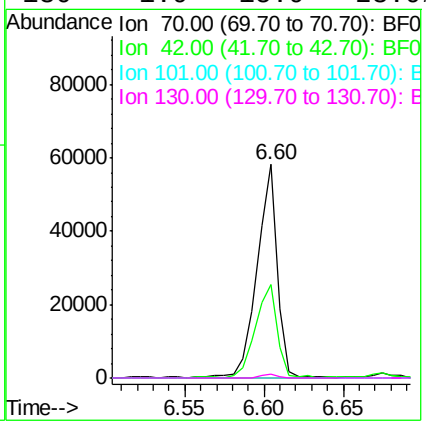


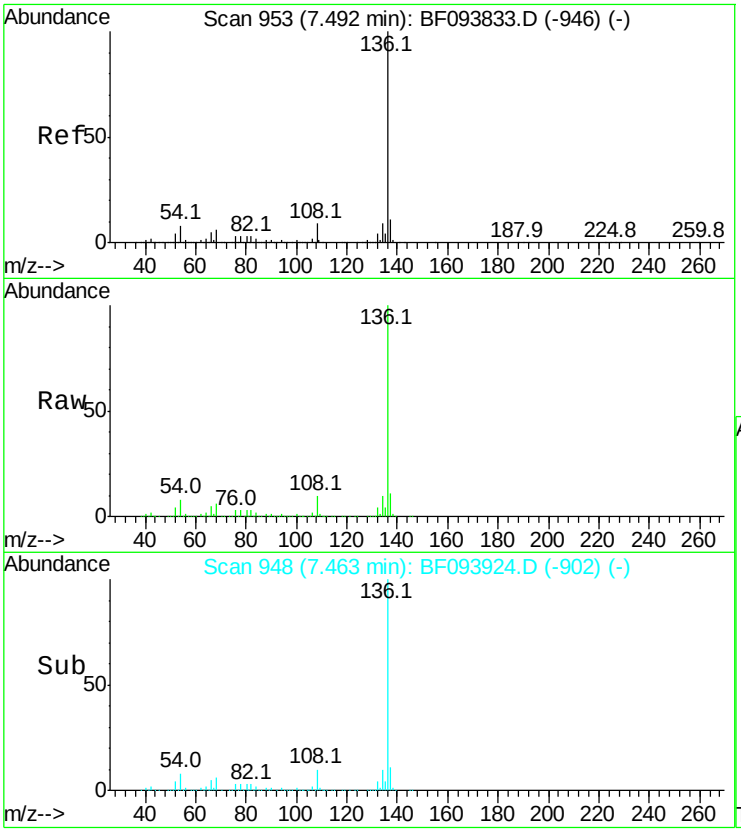


#19
n-Nitroso-di-n-propylamine
Concen: 6.32 ng
RT: 6.60 min Scan# 802
Delta R.T. 0.13 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion: 70 Resp: 52466

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



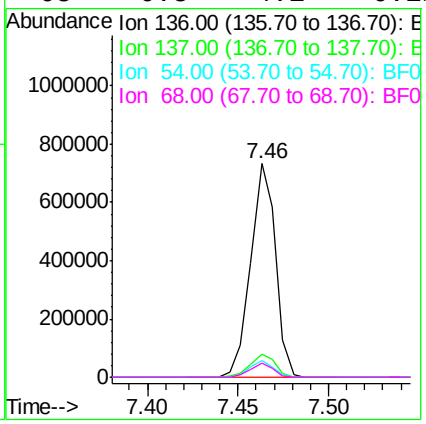


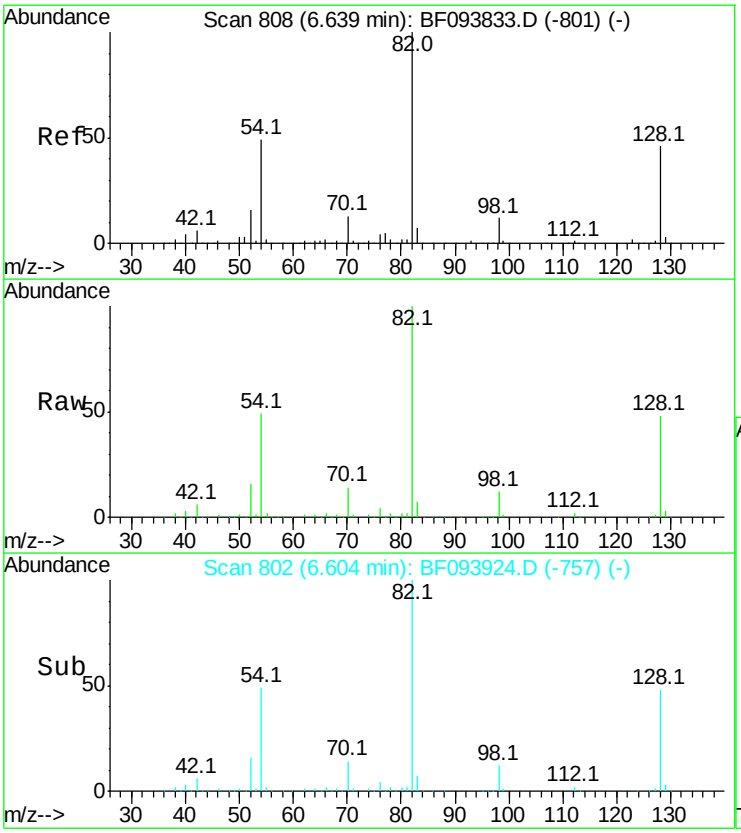
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:136 Resp: 697844

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	6.3	4.1	6.1#

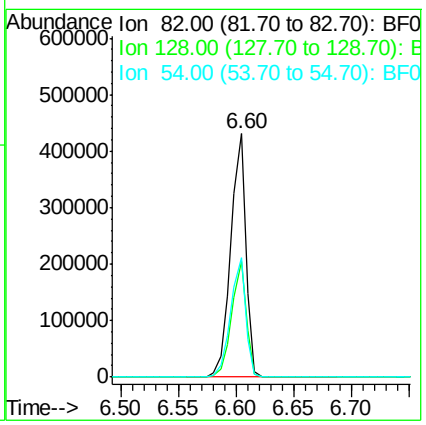


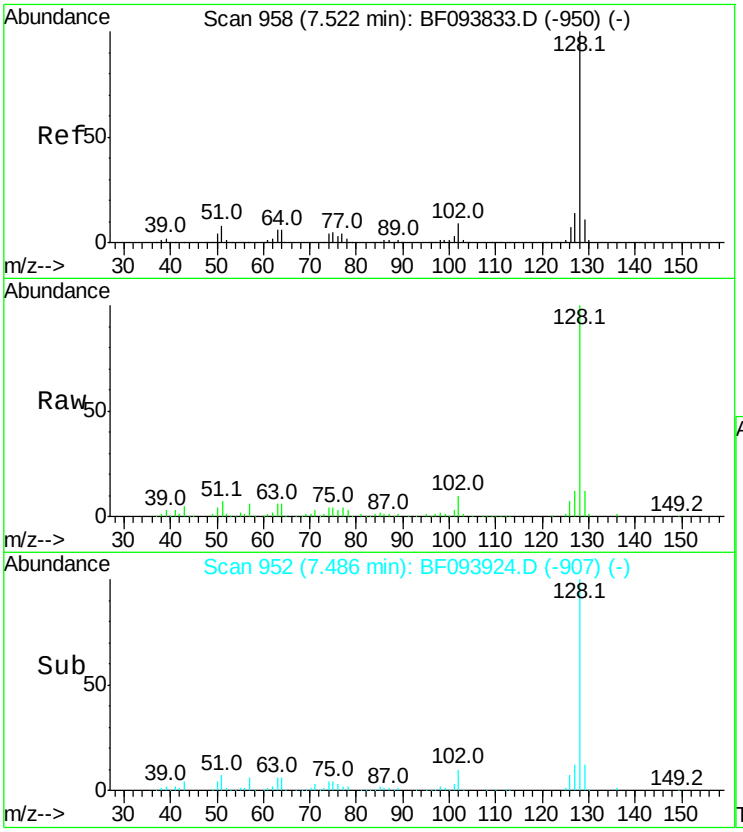


#23
Nitrobenzene-d5
Concen: 31.99 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion: 82 Resp: 391139

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	49.3	42.2	63.2



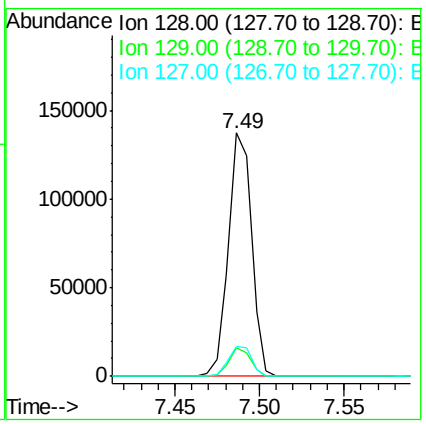


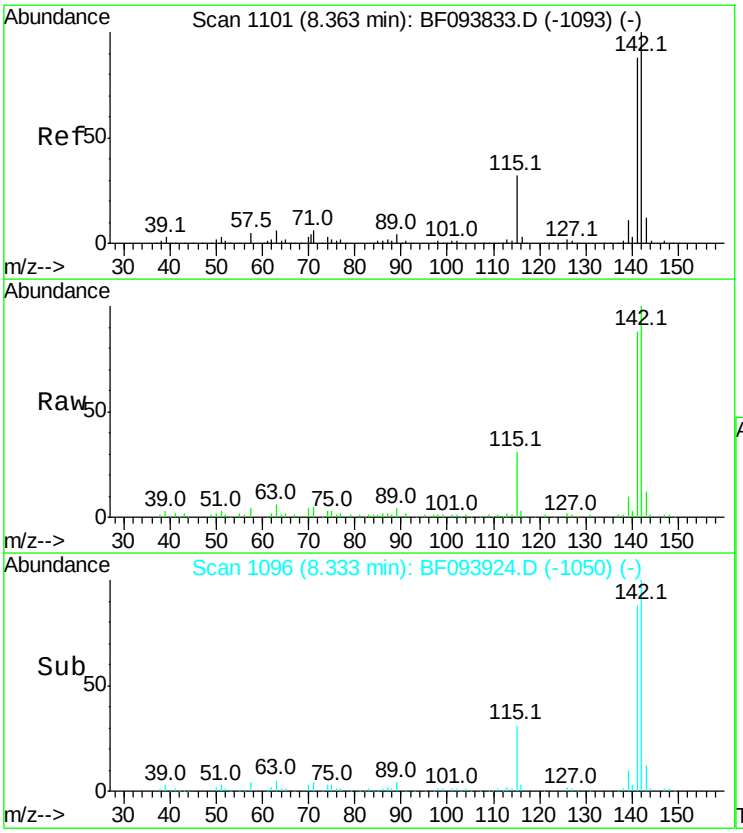
#31
Naphthalene
Concen: 3.91 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:128 Resp: 131244

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	12.5	10.8	16.2

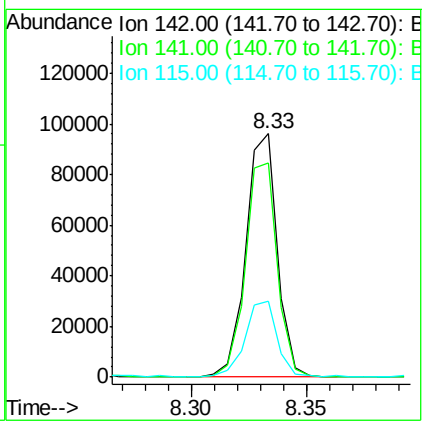


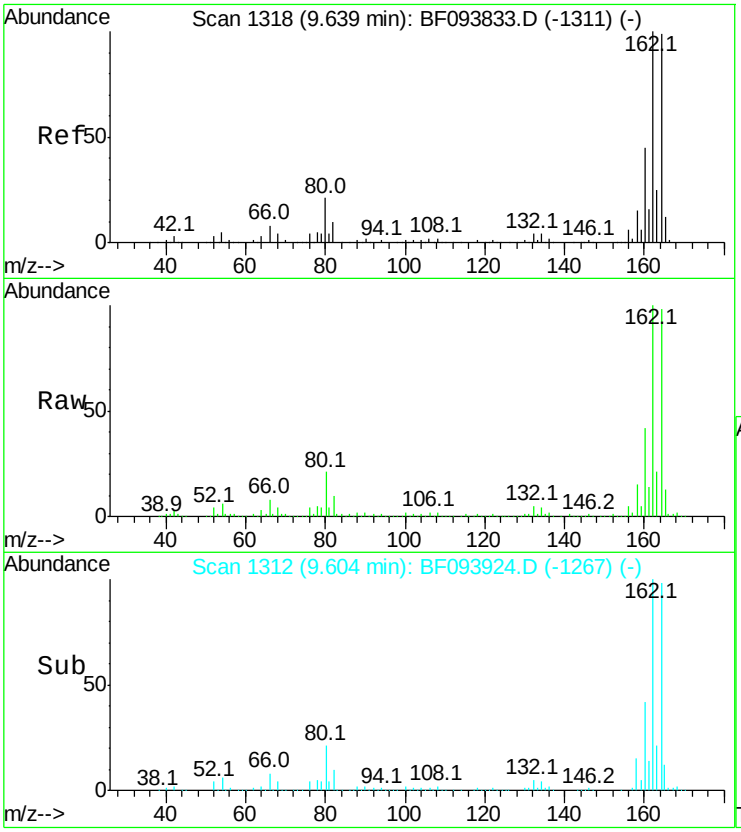


#37
2-Methylnaphthalene
Concen: 4.08 ng
RT: 8.33 min Scan# 1096
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:142 Resp: 91268

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	31.1	27.1	40.7



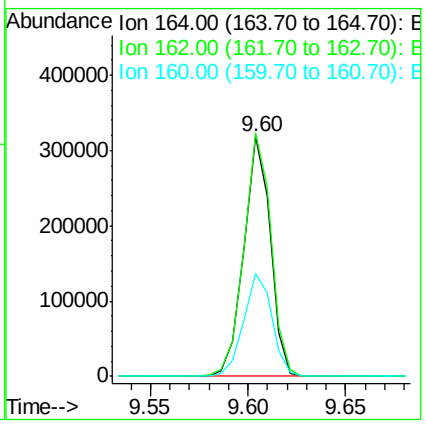


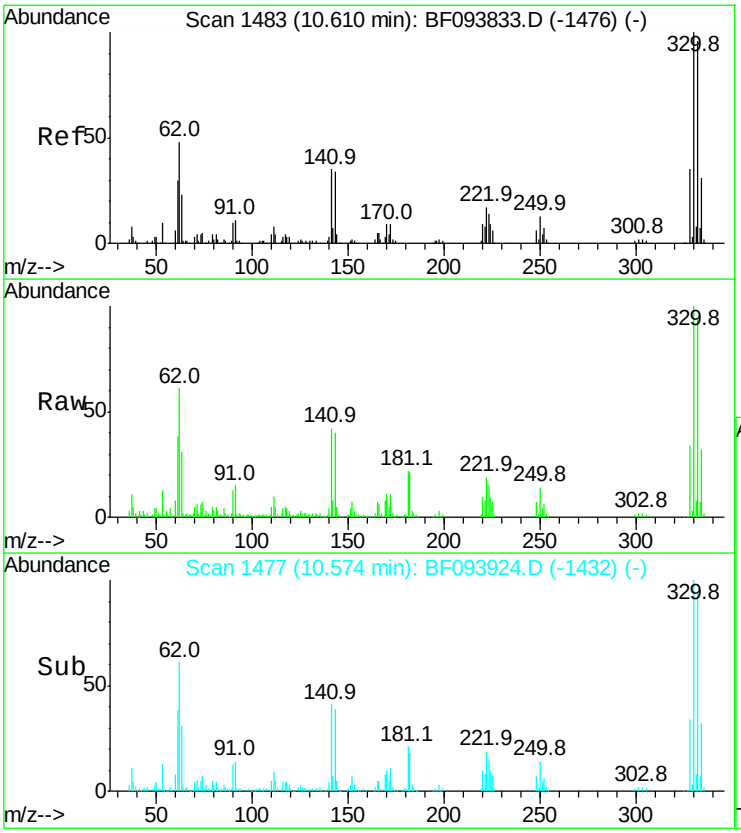
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:164 Resp: 299393

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.0	36.2	54.2

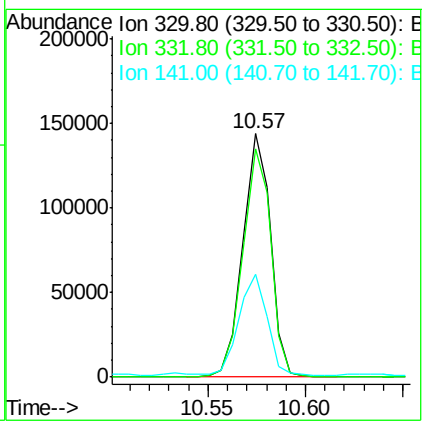


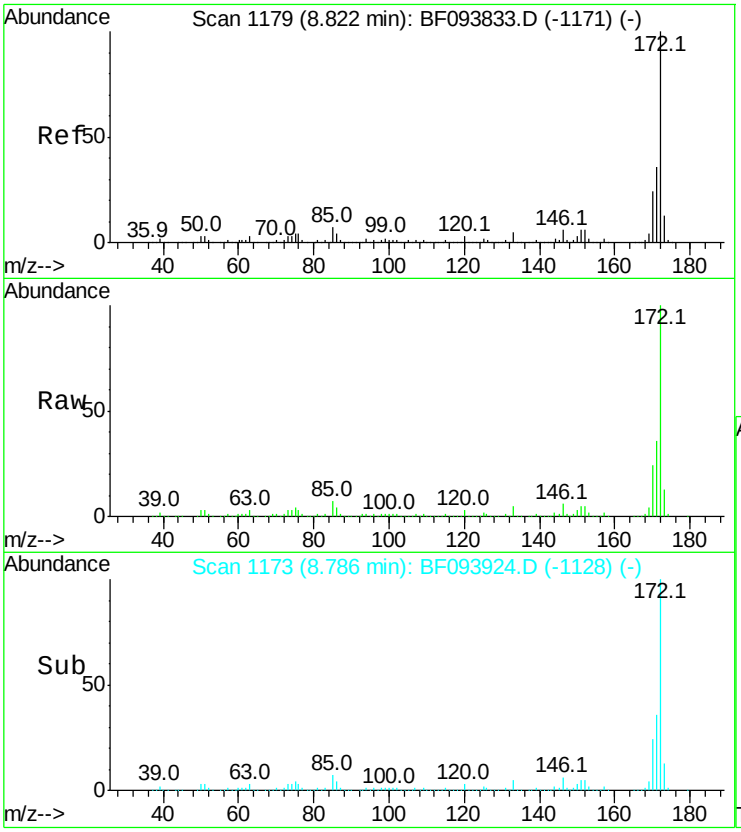


#41
2,4,6-Tribromophenol
Concen: 59.91 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:330 Resp: 141729

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	42.6	31.4	47.2



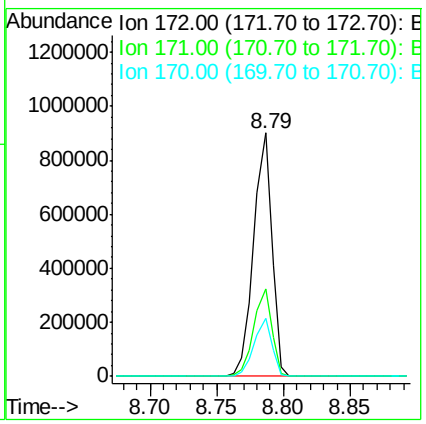


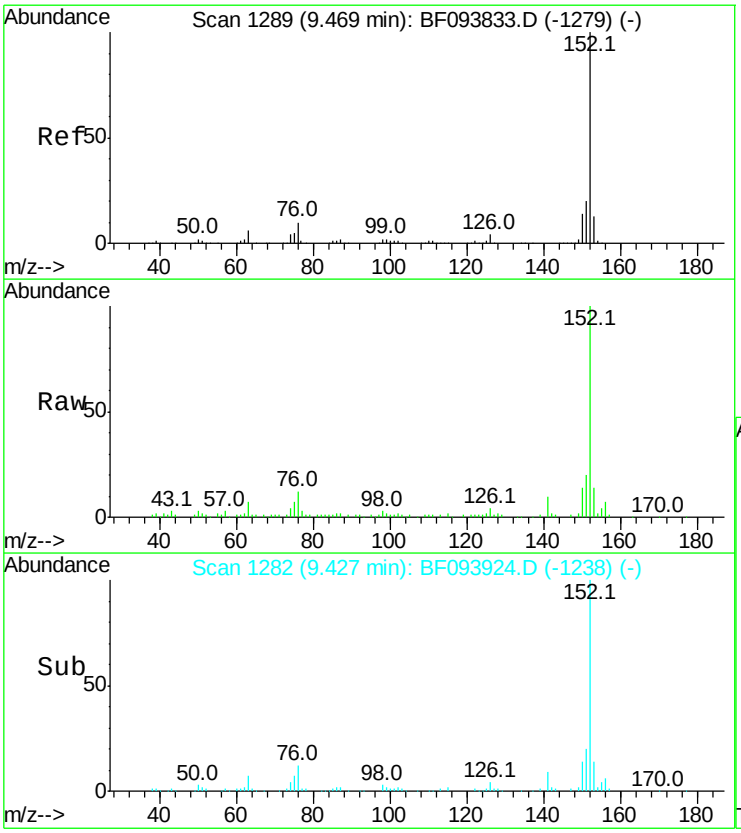
#44
2-Fluorobiphenyl
Concen: 42.82 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:172 Resp: 840516

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

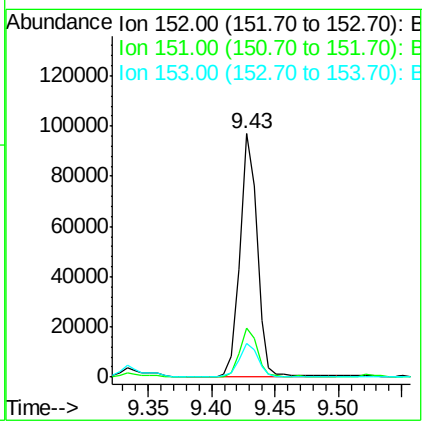


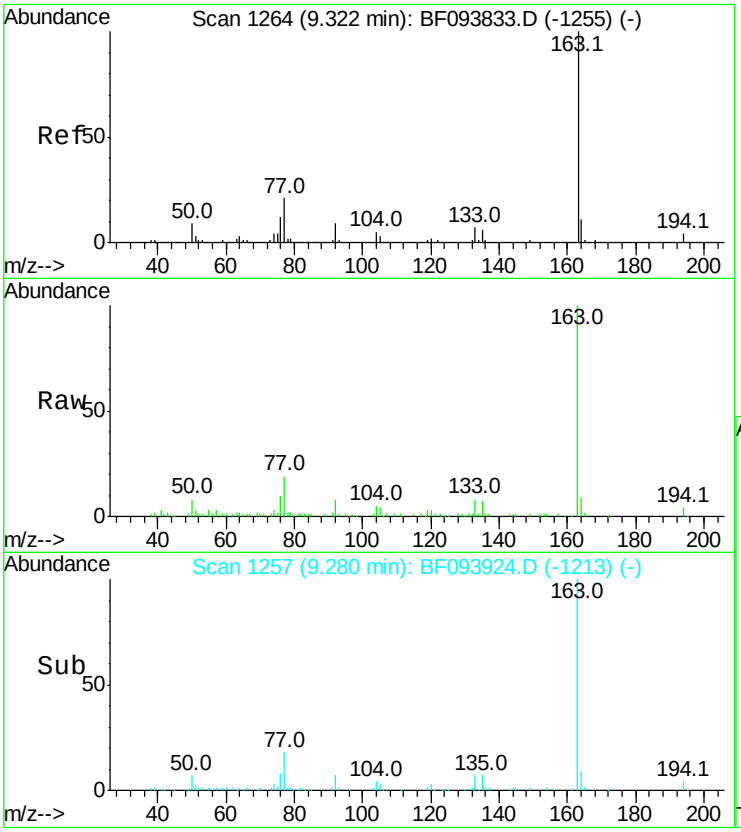


#48
Acenaphthylene
Concen: 2.92 ng
RT: 9.43 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:152 Resp: 91738

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	14.0	10.8	16.2



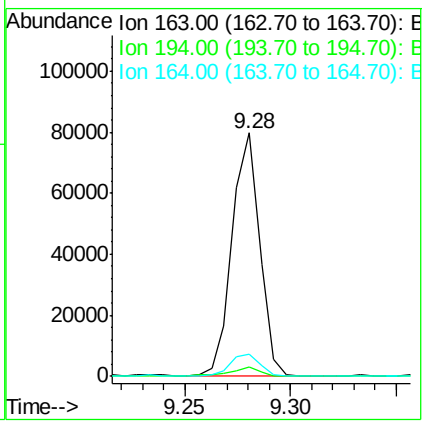


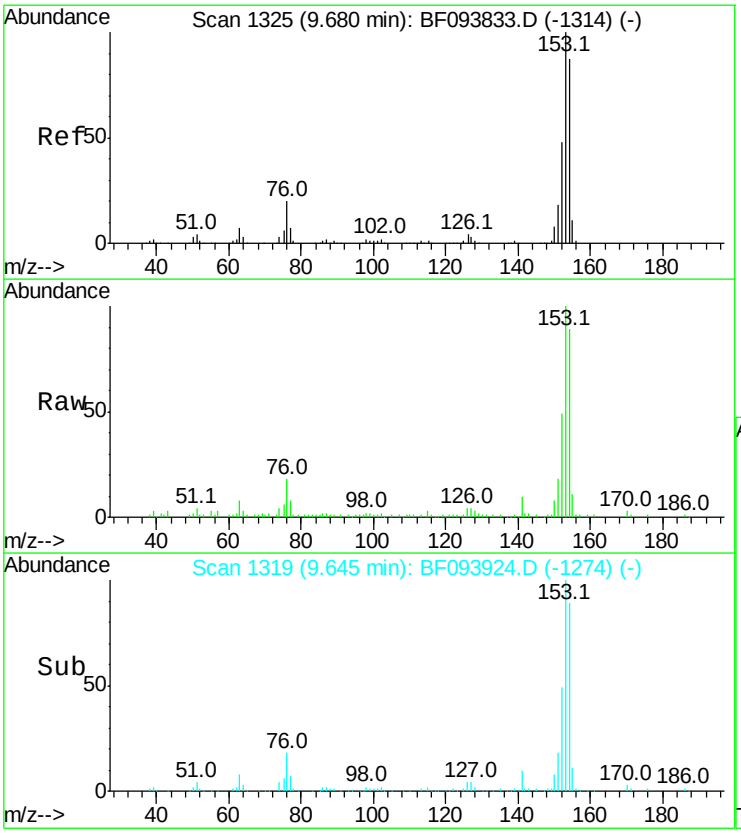
#49
Dimethylphthalate
Concen: 3.39 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:163 Resp: 72145

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.2	8.4	12.6

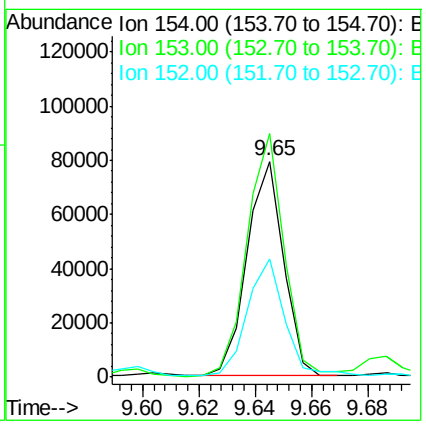


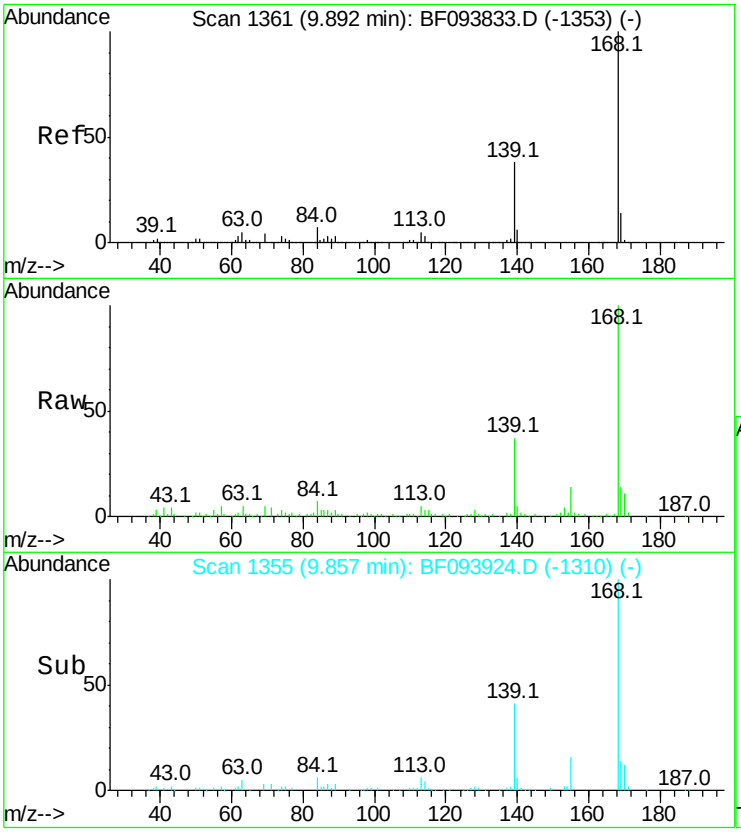


#51
Acenaphthene
Concen: 3.91 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:154 Resp: 71598

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	55.1	43.6	65.4



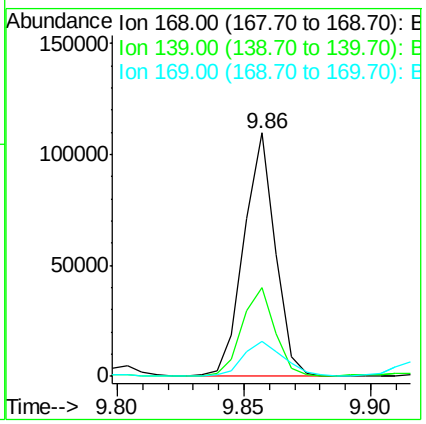


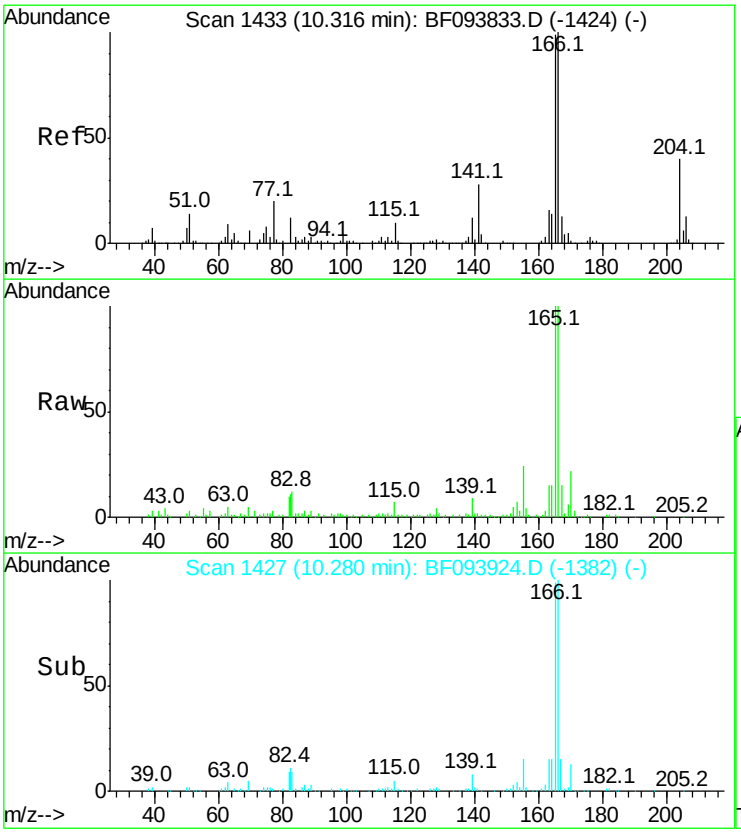
#54
Dibenzofuran
Concen: 3.79 ng
RT: 9.86 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:168 Resp: 94590

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.6	45.8
169	14.4	10.8	16.2

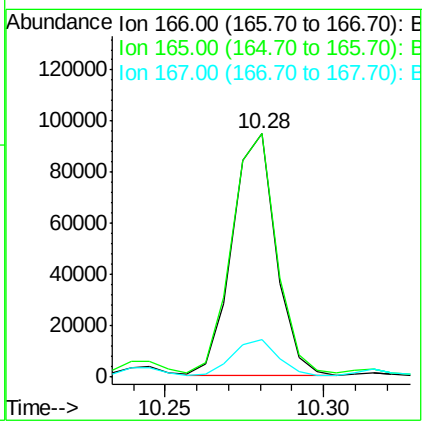


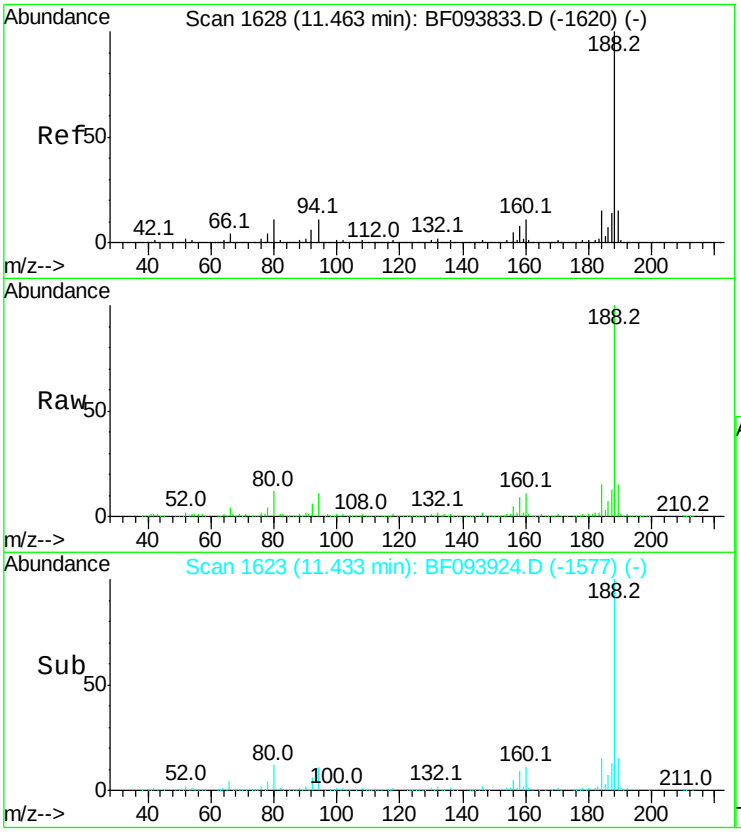


#57
Fluorene
Concen: 4.37 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:166 Resp: 90409

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.8	118.2
167	15.3	10.6	16.0



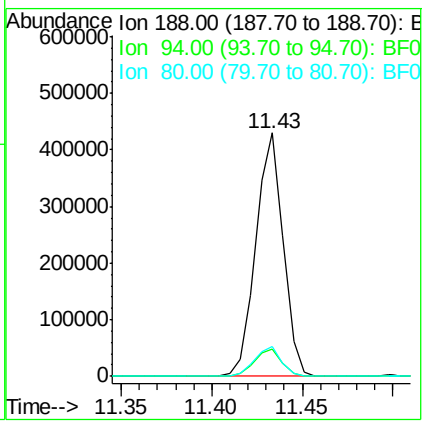


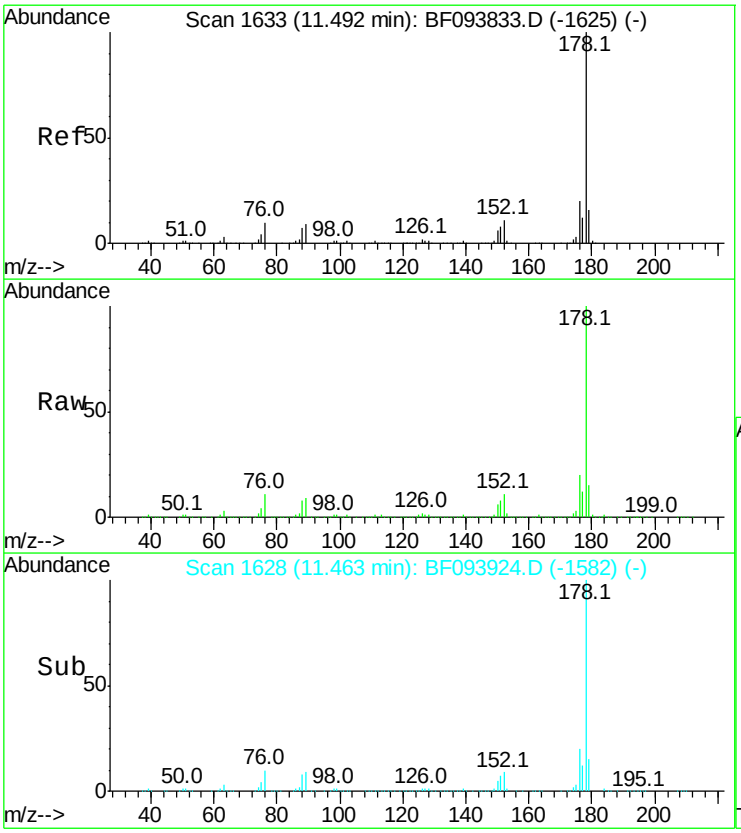
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:188 Resp: 450248

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.1	10.2	15.2

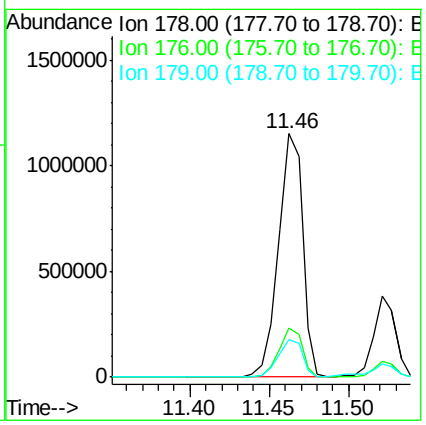


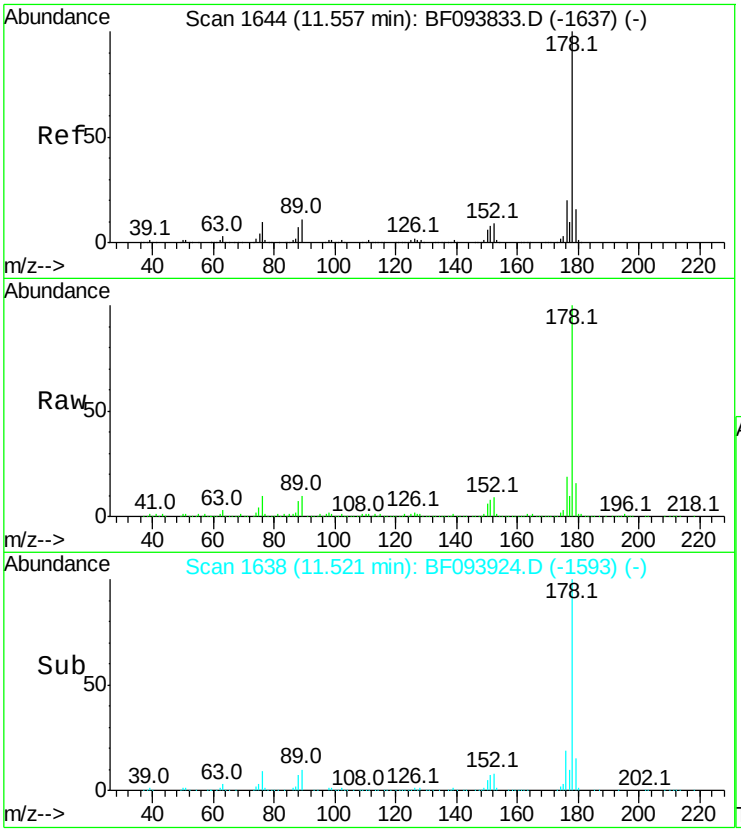


#70
Phenanthrene
Concen: 48.93 ng
RT: 11.46 min Scan# 1628
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:178 Resp: 1225513

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.4	12.6	19.0



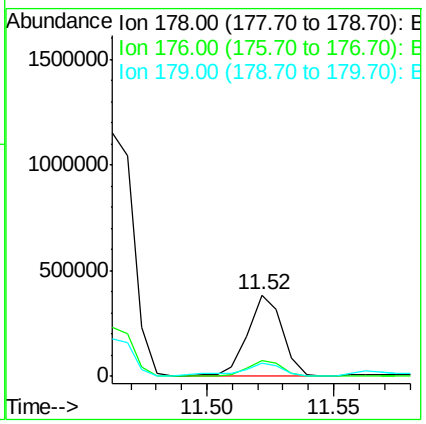


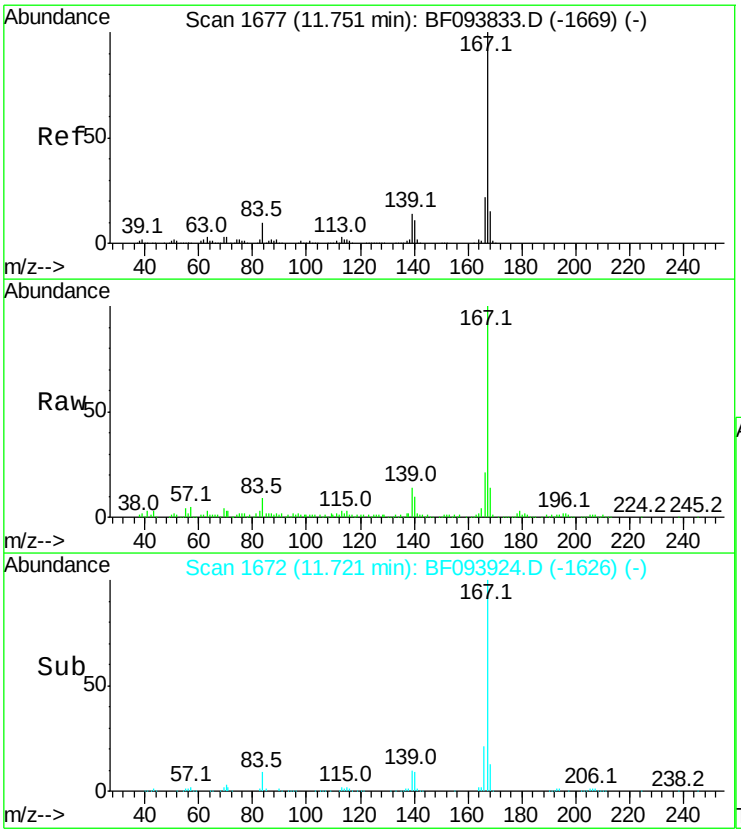
#71
Anthracene
Concen: 14.00 ng
RT: 11.52 min Scan# 1638
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:178 Resp: 361015

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	12.7	19.1

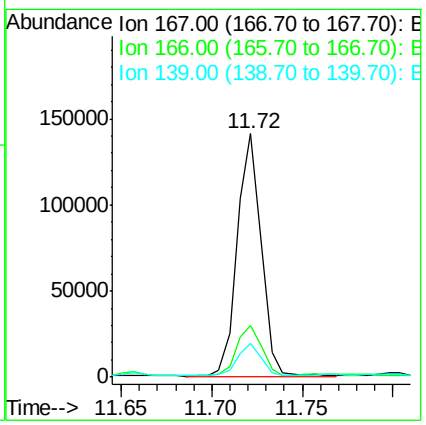


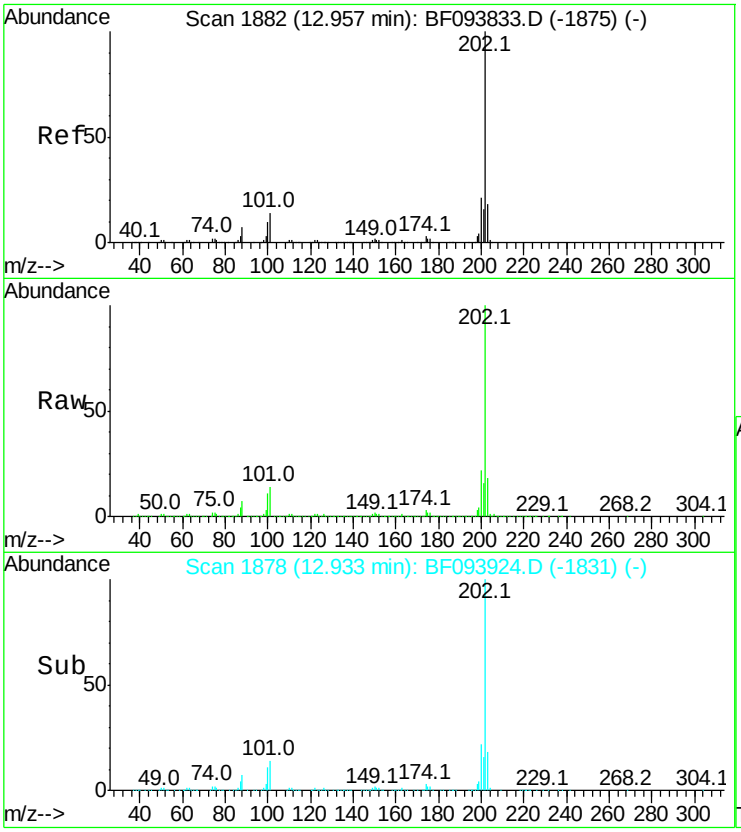


#72
Carbazole
Concen: 4.88 ng
RT: 11.72 min Scan# 1672
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:167 Resp: 128989

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.1	27.1
139	13.9	11.7	17.5



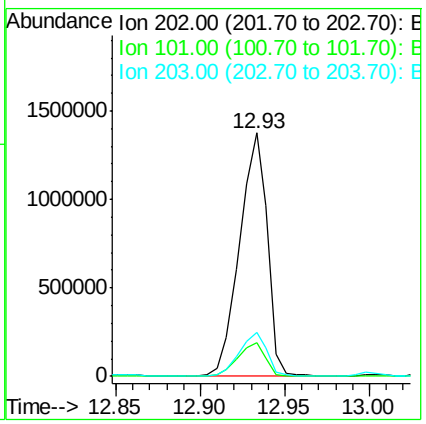


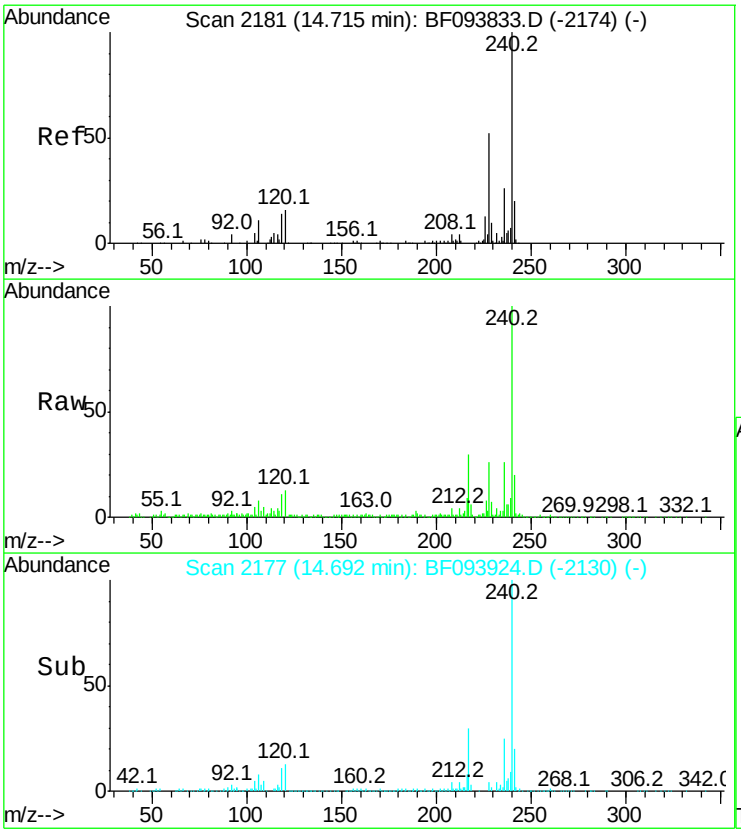
#74
Fluoranthene
Concen: 61.35 ng
RT: 12.93 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:202 Resp: 1573525

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.2	0.0	38.1

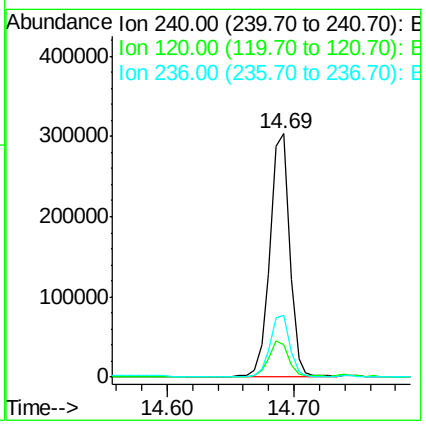


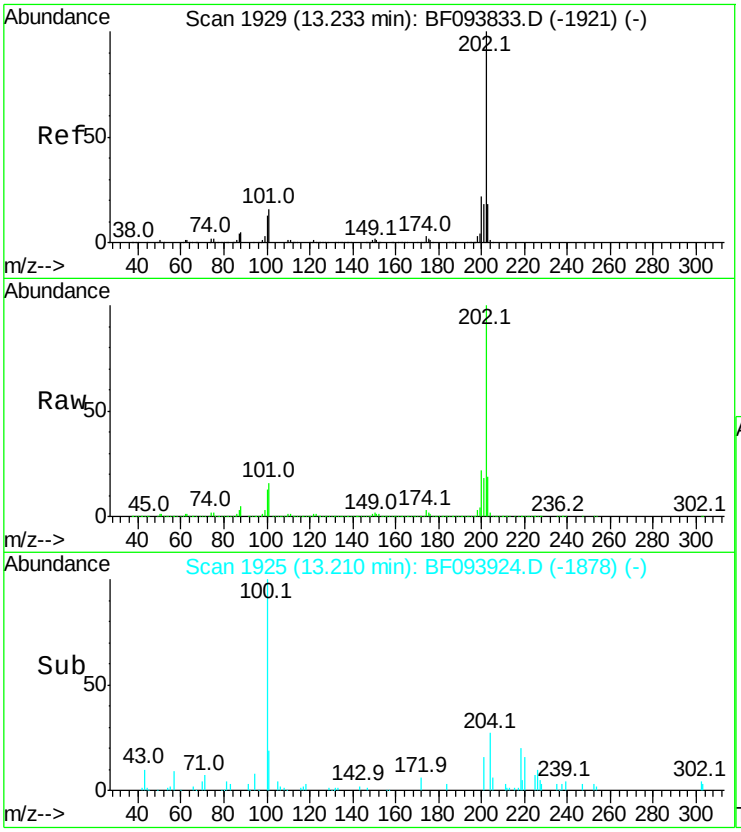


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:240 Resp: 326147

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.5	20.5	30.7



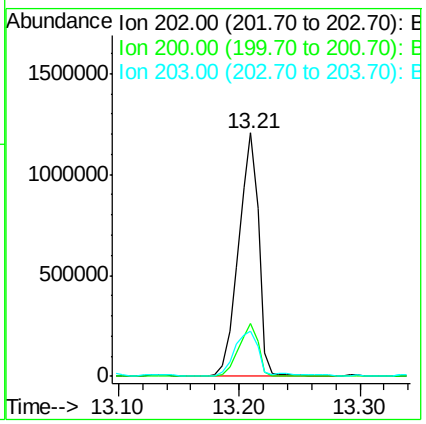


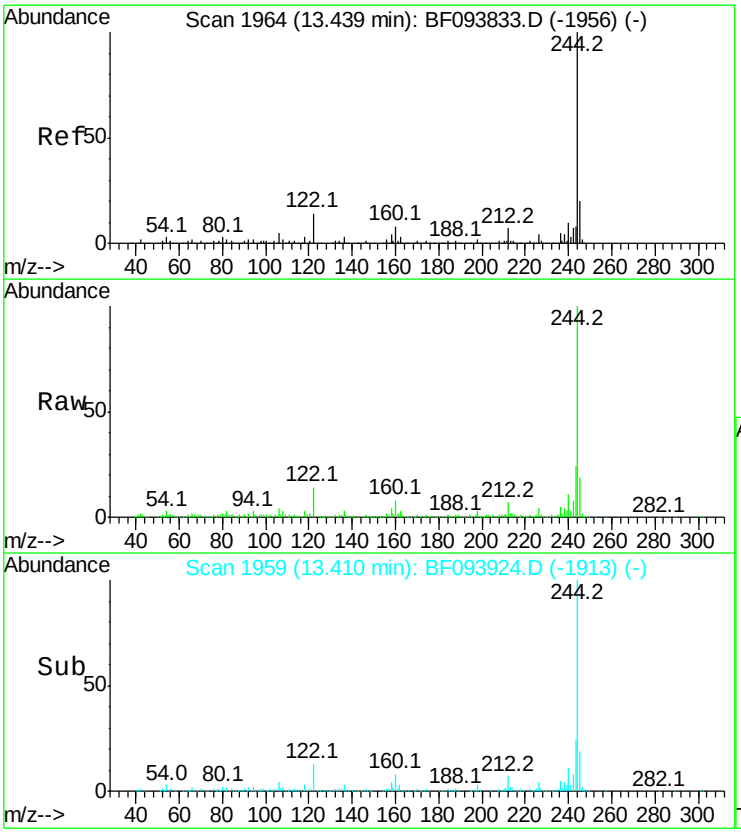
#77
Pyrene
Concen: 58.93 ng
RT: 13.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:202 Resp: 1394758

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.7	14.4	21.6

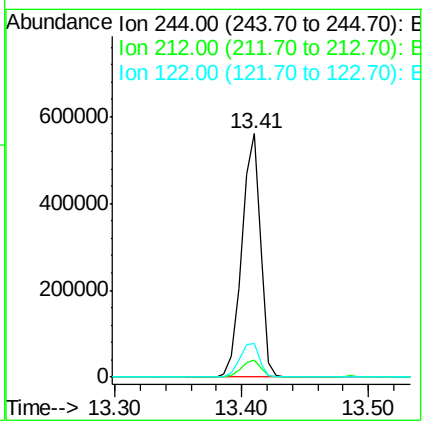


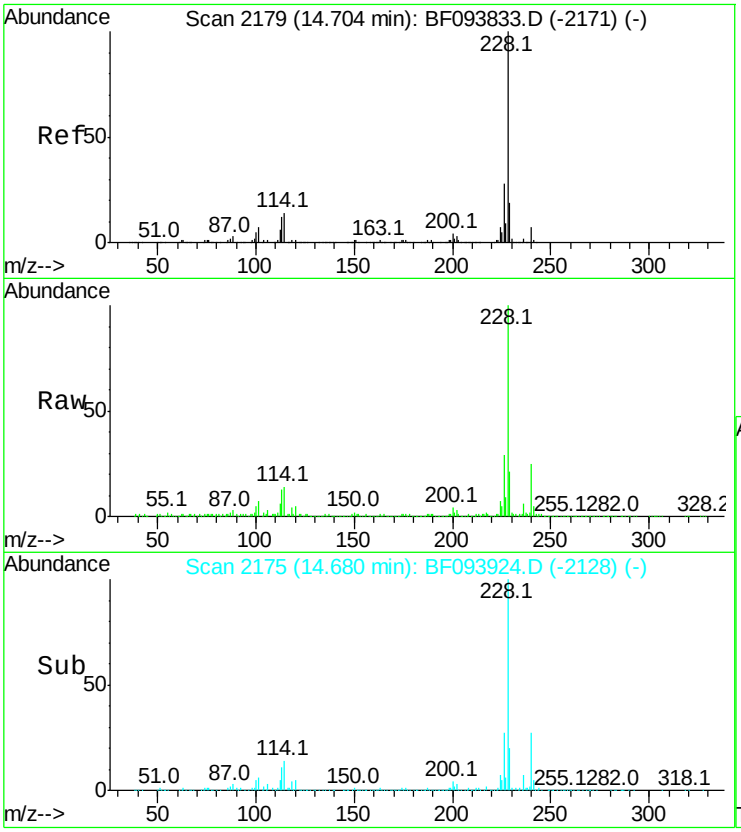


#78
Terphenyl-d14
Concen: 38.67 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:244 Resp: 562691

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.6	10.3	15.5



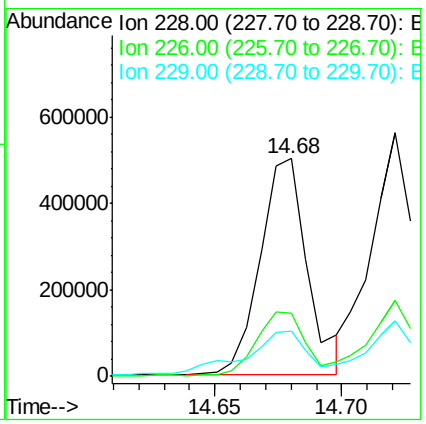


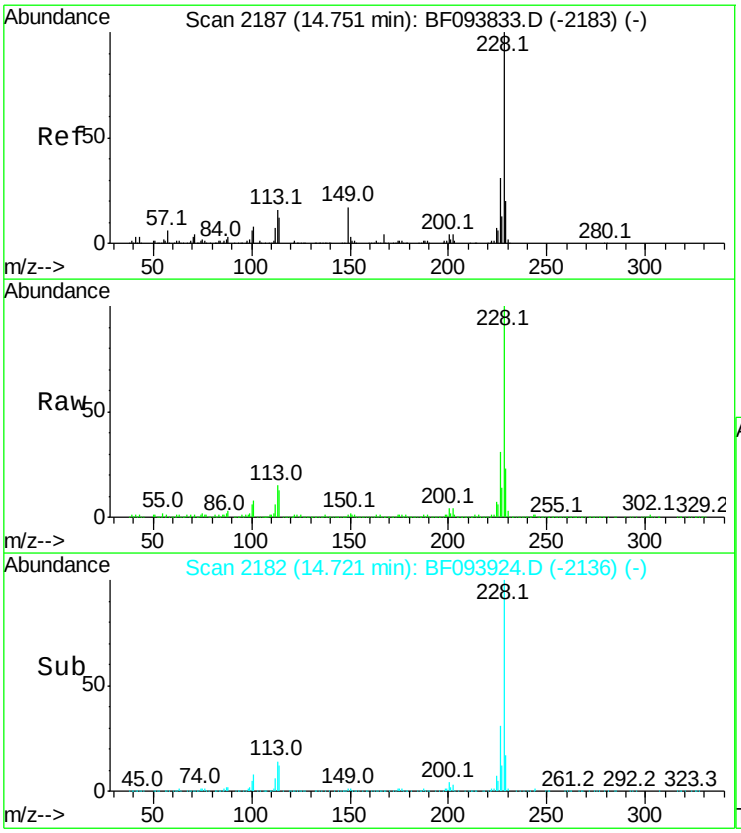
#80
Benzo(a)anthracene
Concen: 34.46 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:228 Resp: 655365

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.6	16.3	24.5

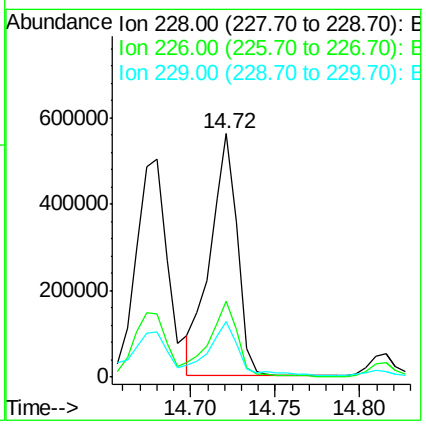


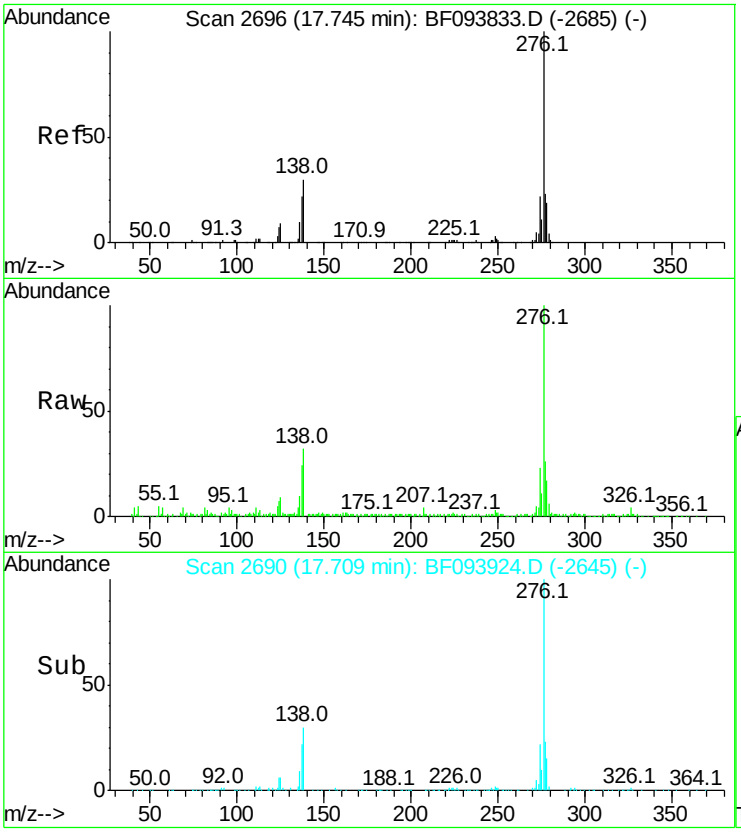


#82
Chrysene
Concen: 35.61 ng
RT: 14.72 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:228 Resp: 628524

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.5	15.8	23.6



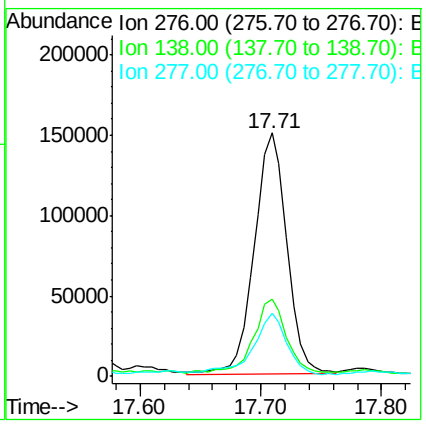


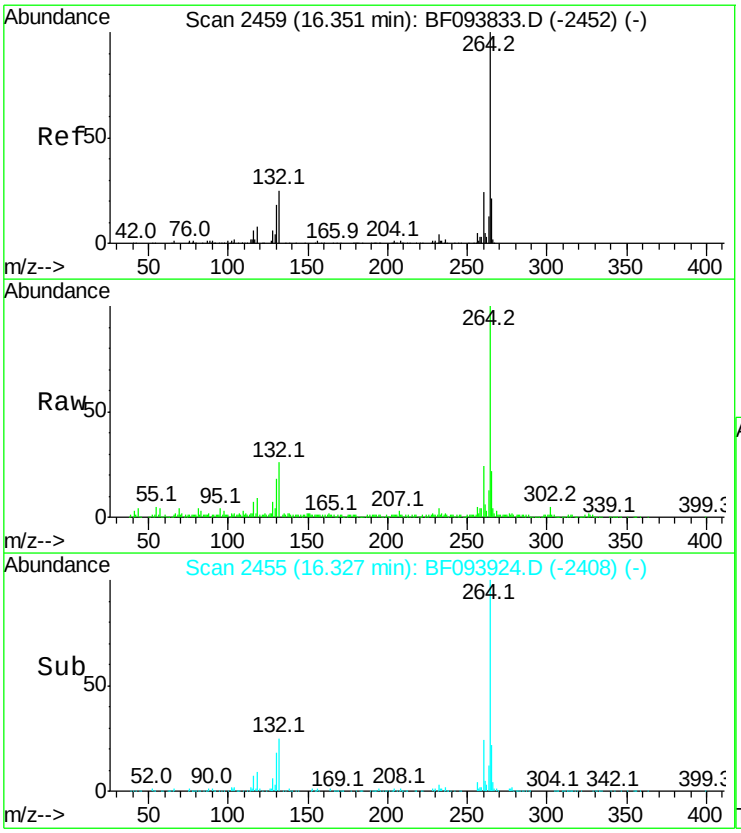
#85
Indeno(1,2,3-cd)pyrene
Concen: 18.36 ng
RT: 17.71 min Scan# 2690
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:276 Resp: 280700

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	26.4	20.2	30.4

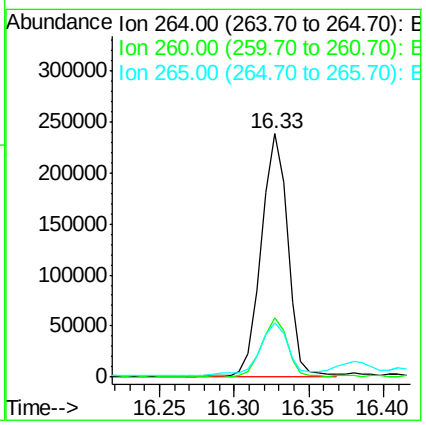


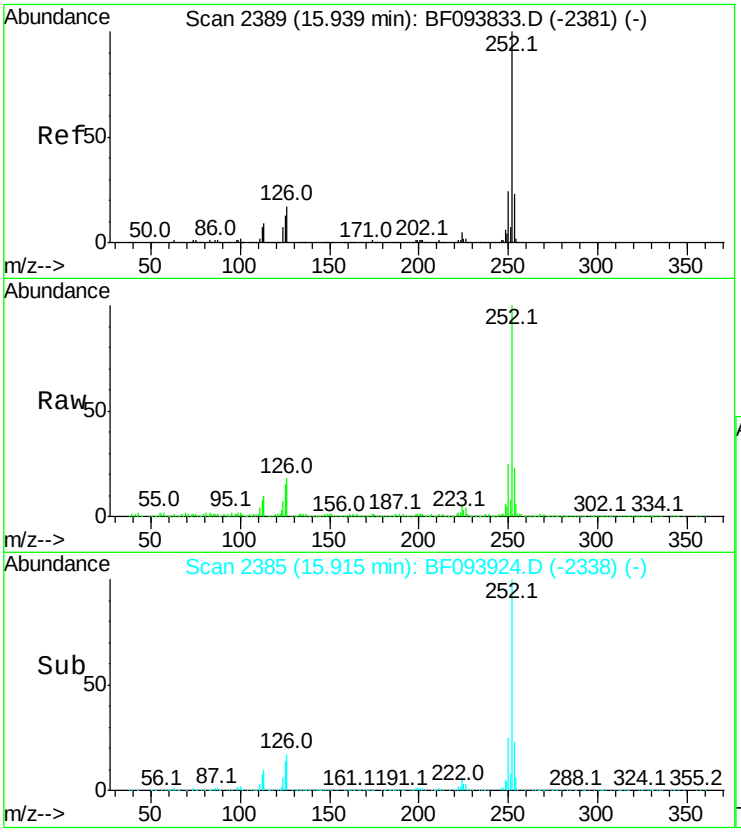


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:264 Resp: 290528

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.2	25.8



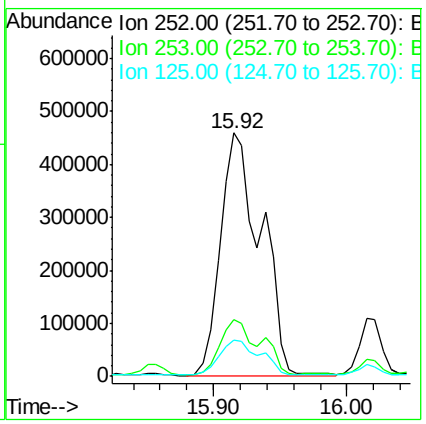


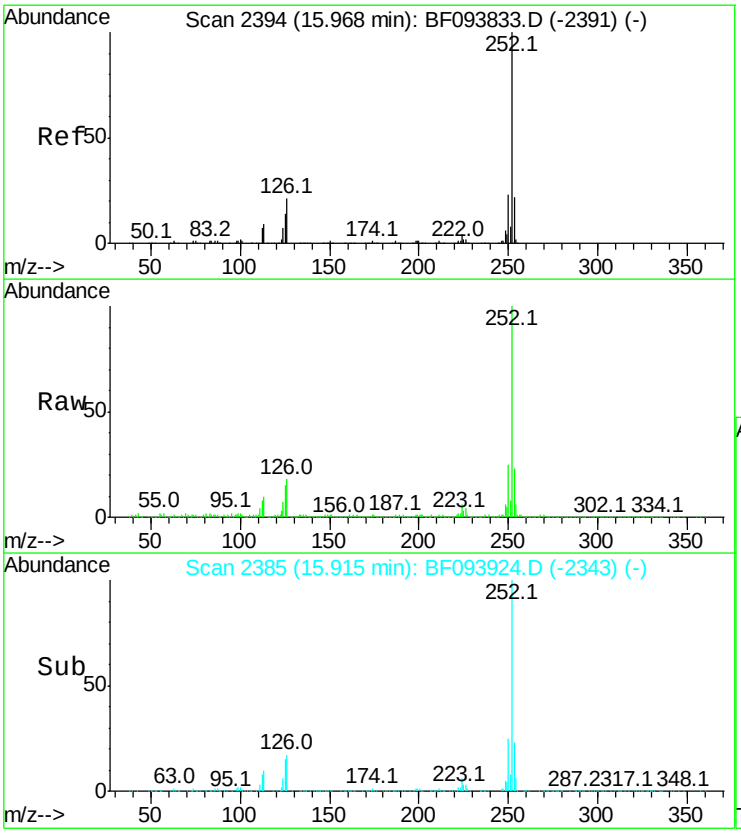
#87
Benzo(b)fluoranthene
Concen: 54.33 ng
RT: 15.92 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:252 Resp: 967549

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.1	9.8	14.8#

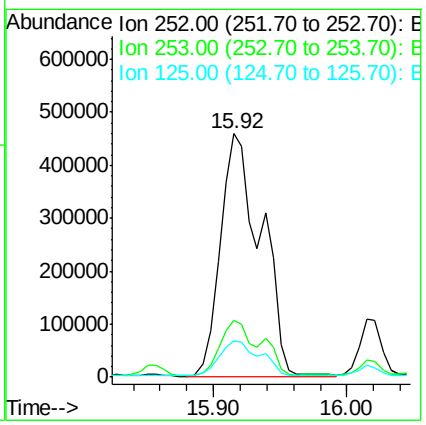


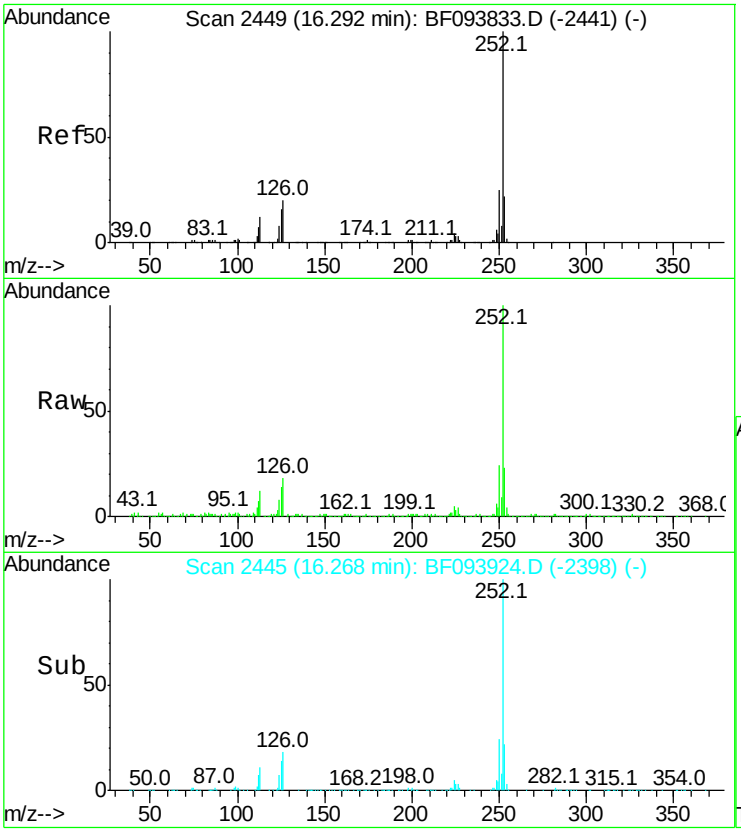


#88
Benzo(k)fluoranthene
Concen: 55.53 ng
RT: 15.92 min Scan# 2385
Delta R.T. -0.05 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:252 Resp: 967549

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.1	13.1	19.7



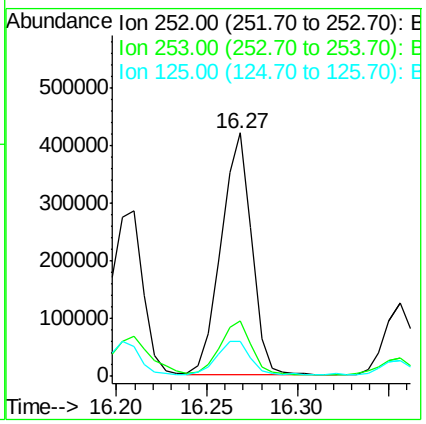


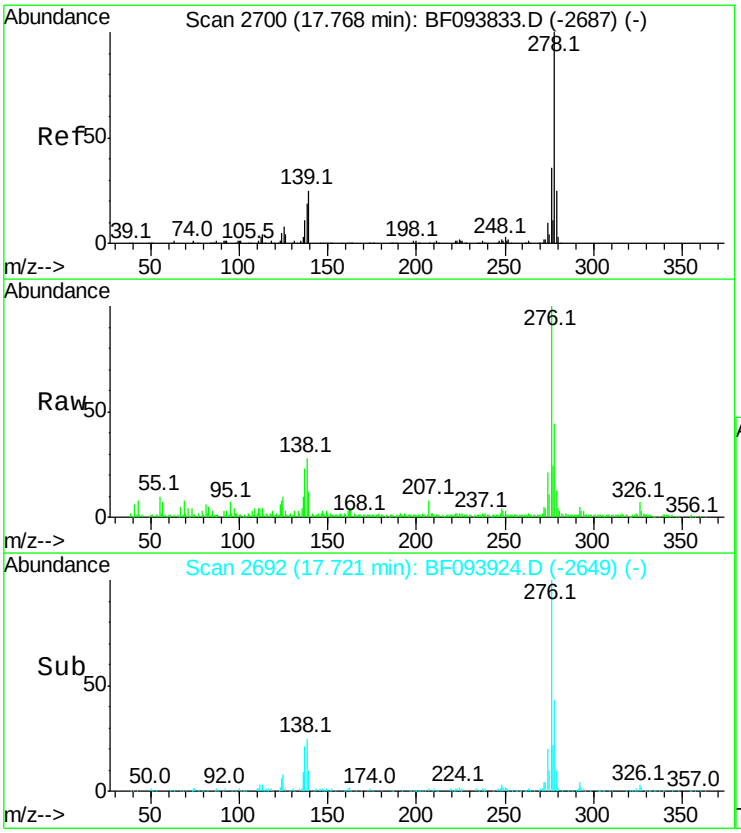
#89
Benzo(a)pyrene
Concen: 29.81 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:252 Resp: 488833

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	14.5	11.0	16.4

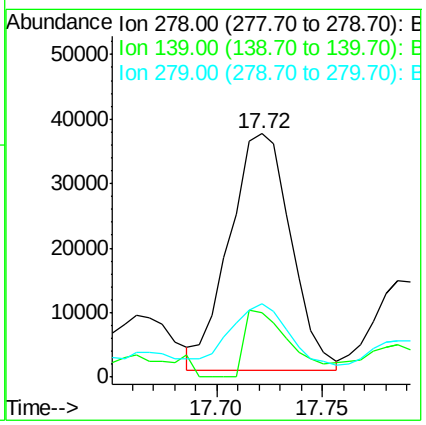


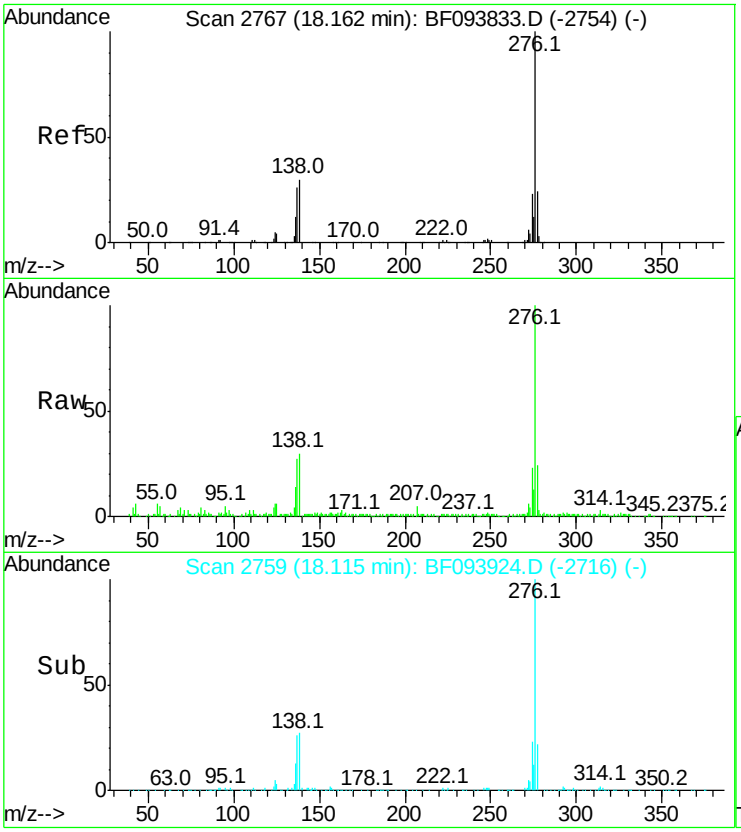


#90
Dibenzo(a,h)anthracene
Concen: 5.32 ng
RT: 17.72 min Scan# 2692
Delta R.T. -0.05 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:278 Resp: 73905

Ion	Ratio	Lower	Upper
278	100		
139	26.7	16.6	24.8#
279	29.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 18.22 ng
RT: 18.12 min Scan# 2759
Delta R.T. -0.05 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tgt Ion:276 Resp: 255012

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	30.3	25.4	38.0