Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095127.D
Acq On : 15 May 2017 16:00
Operator : SJ/MA
Sample : I3037-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	89905	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	331424	20.00	ng		0.05
38) Acenaphthene-d10	12.64	164	157593	20.00	ng		0.06
63) Phenanthrene-d10	15.05	188	255074	20.00	ng		0.06
75) Chrysene-d12	18.71	240	161684	20.00	ng		0.05
86) Perylene-d12	20.38	264	164058	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	531096	98.49	ng		0.07
7) Phenol-d6	7.31	99	645418	99.75	ng		0.04
23) Nitrobenzene-d5	8.68	82	332986	63.36	ng		0.04
41) 2,4,6-Tribromophenol	13.94	330	126758	98.21	ng		0.06
44) 2-Fluorobiphenyl	11.58	172	679299	62.04	ng		0.05
78) Terphenyl-d14	17.35	244	538115	73.31	ng		0.04
Target Compounds							Qvalue
10) Phenol	7.34	94	14381	2.11	ng	#	56
18) Hexachloroethane	8.62	117	37565	15.71	ng	#	1
19) n-Nitroso-di-n-propylamine	8.51	70	14095	3.22	ng	#	55
32) Benzoic acid	9.67	122	4305	6.30	ng	#	29
35) Caprolactam	10.60	113	71602	52.54	ng	#	78
37) 2-Methylnaphthalene	11.12	142	448017	40.98	ng		96
48) Acenaphthylene	12.43	152	44113	2.63	ng	#	1
49) Dimethylphthalate	12.27	163	87223	6.74	ng	#	96
50) 2,6-Dinitrotoluene	12.35	165	6317	2.39	ng	#	67
51) Acenaphthene	12.70	154	57582	5.74	ng		95
53) 2,4-Dinitrophenol	12.84	184	249	6.40	ng	#	1
54) Dibenzofuran	12.99	168	67200	4.84	ng	#	64
55) 4-Nitrophenol	12.99	139	54325	31.93	ng	#	77
56) 2,4-Dinitrotoluene	13.01	165	22629	6.67	ng	#	55
57) Fluorene	13.54	166	127021	10.53	ng	#	91
65) n-Nitrosodiphenylamine	13.76	169	161845	17.48	ng	#	51
69) Pentachlorophenol	14.84	266	111	5.95	ng	#	22
70) Phenanthrene	15.08	178	345150	23.55	ng		96
71) Anthracene	15.08	178	345150	23.06	ng		97
74) Fluoranthene	16.82	202	69993	4.66	ng		96
76) Benzidine	17.04	184	1481	6.88	ng	#	1
77) Pyrene	17.12	202	185425	15.33	ng		97
80) Benzo(a)anthracene	18.69	228	20072	2.13	ng	#	79
82) Chrysene	18.74	228	24208	2.66	ng	#	85
87) Benzo(b)fluoranthene	19.99	252	33668	3.32	ng	#	76
88) Benzo(k)fluoranthene	19.99	252	33668	3.44	ng	#	79
89) Benzo(a)pyrene	20.33	252	33863	3.62	ng	#	82
91) Benzo(g,h,i)perylene	22.12	276	50466	6.66	ng		97

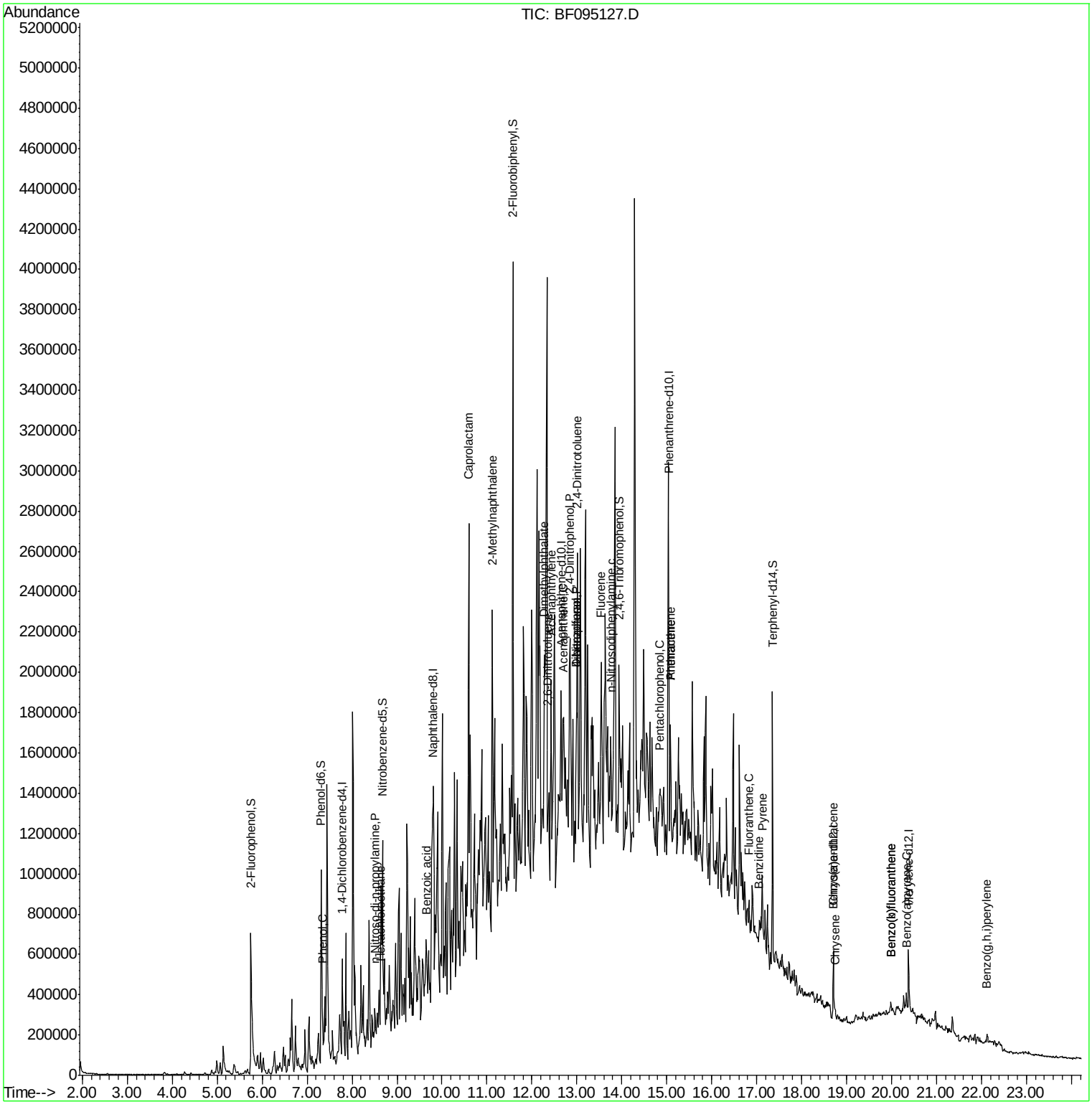
(#) = qualifier out of range (m) = manual integration (+) = signals summed

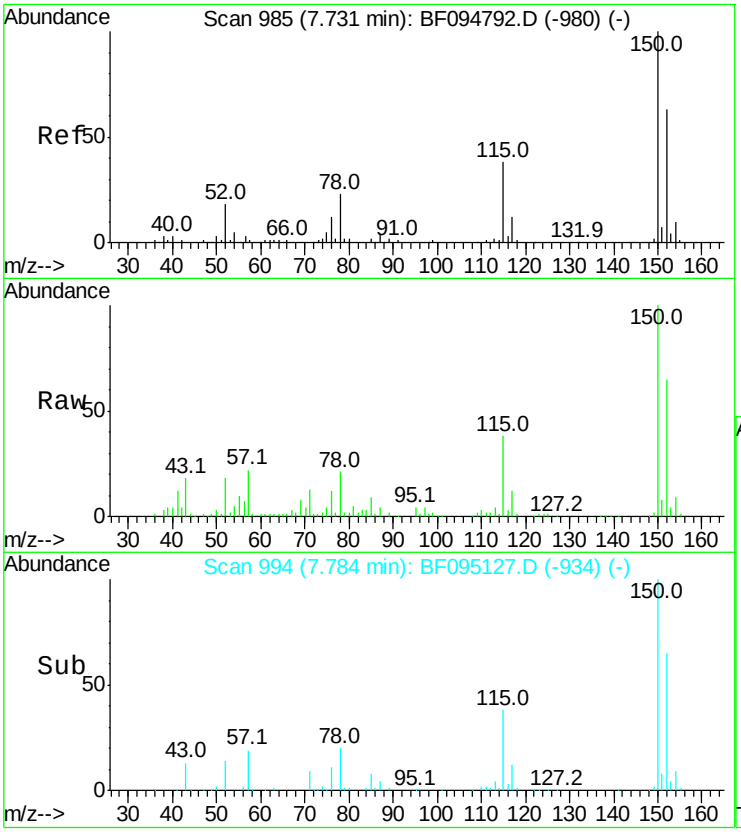
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095127.D
Acq On : 15 May 2017 16:00
Operator : SJ/MA
Sample : I3037-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



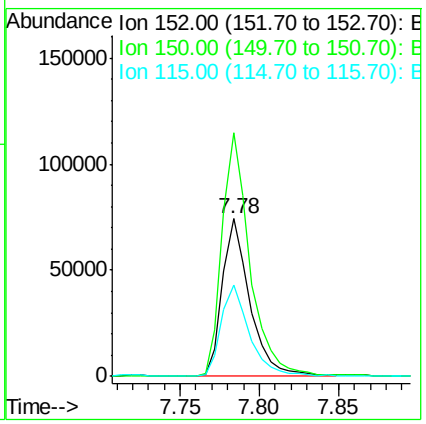


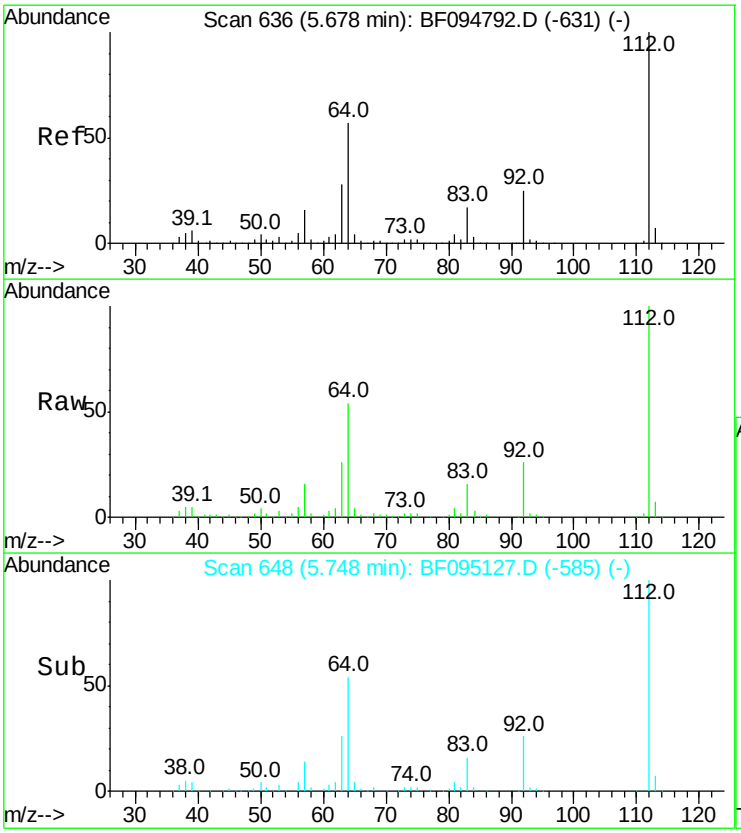
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89905

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	58.0	52.2	78.2

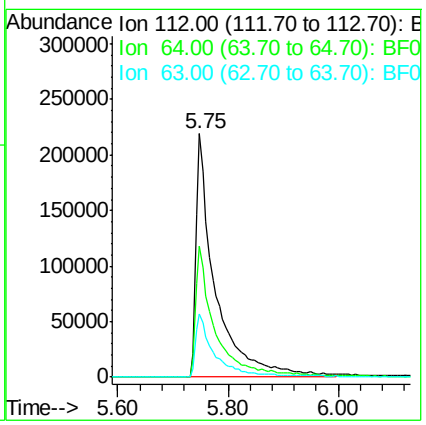


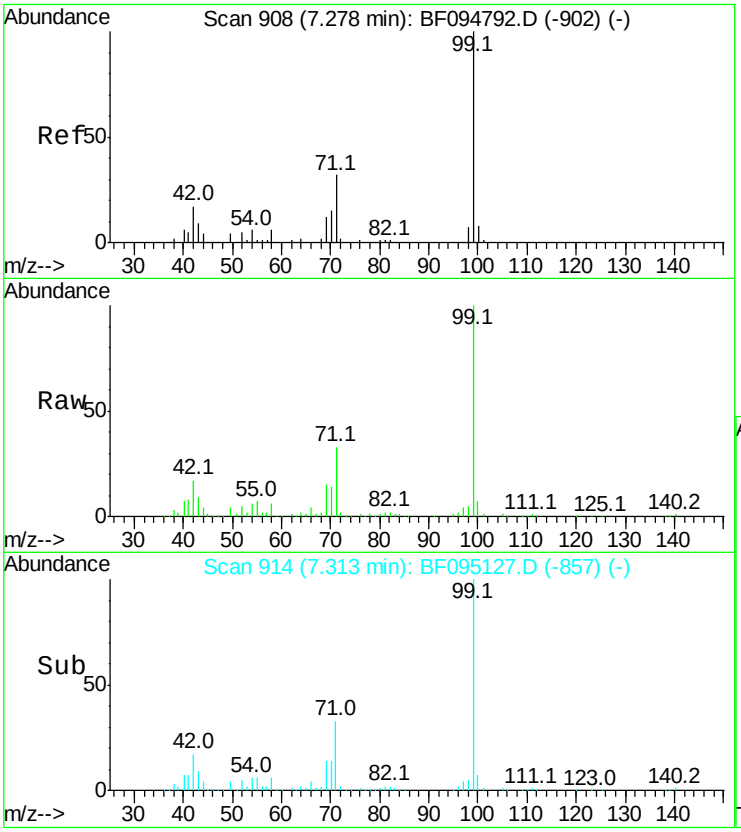


#5
2-Fluorophenol
Concen: 98.49 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:112 Resp: 531096

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.1	23.4	35.0



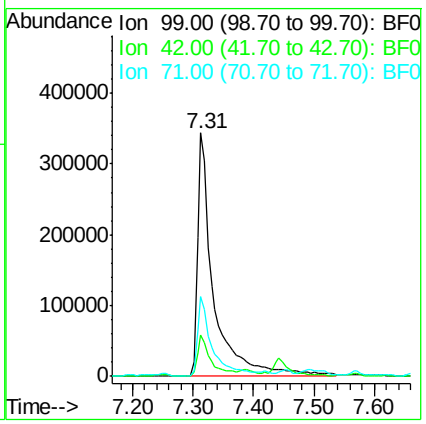


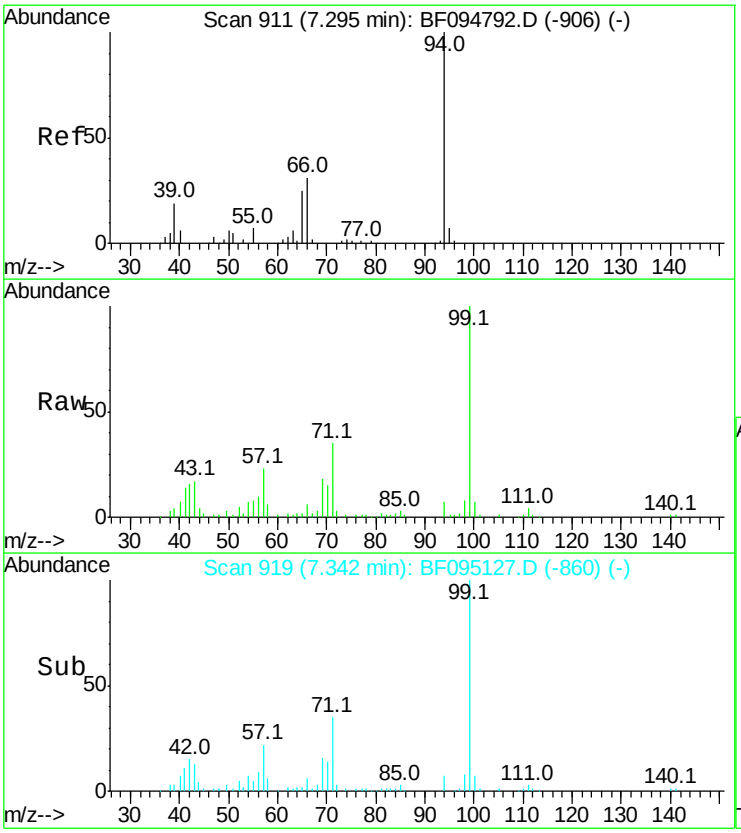
#7
Phenol-d6
Concen: 99.75 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 645418

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.9	24.5	36.7

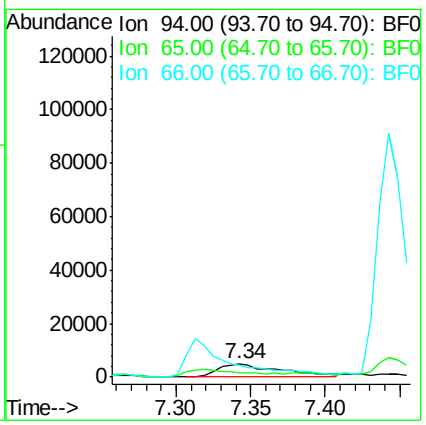


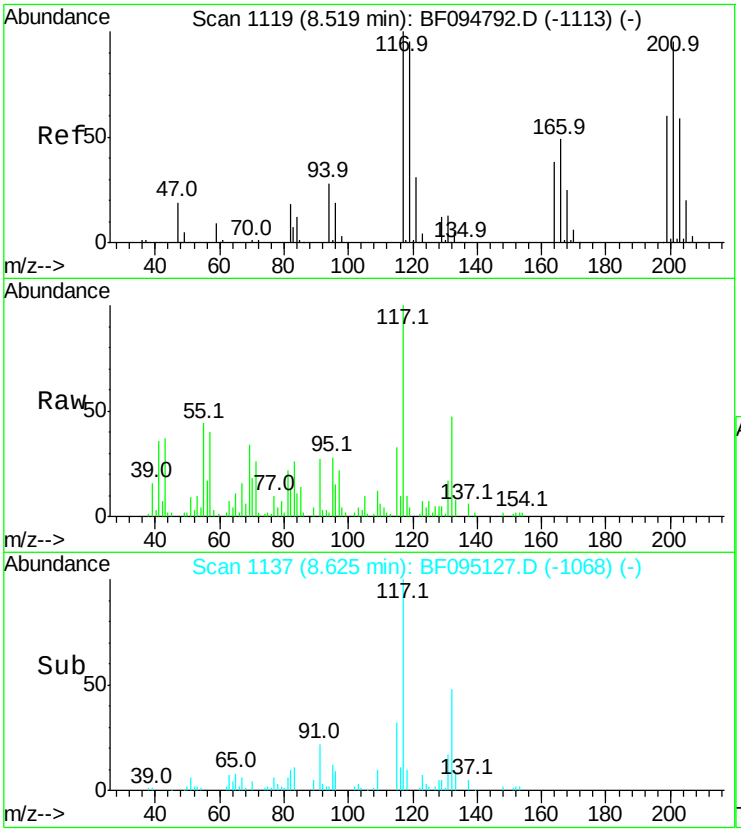


#10
Phenol
Concen: 2.11 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion: 94 Resp: 14381

Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.9	49.9
66	88.2	23.1	63.1#



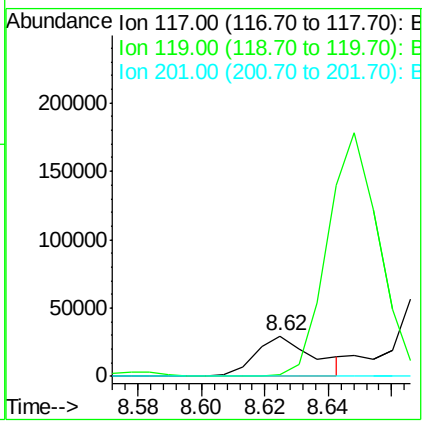


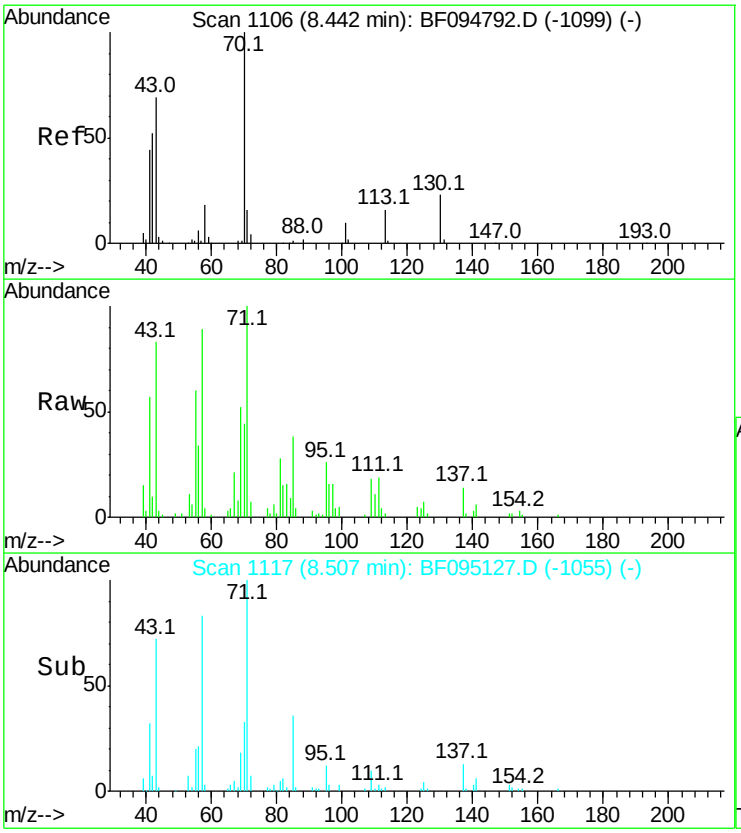
#18
Hexachloroethane
Concen: 15.71 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.11 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 37565

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.4	116.0#
201	0.0	94.6	141.8#

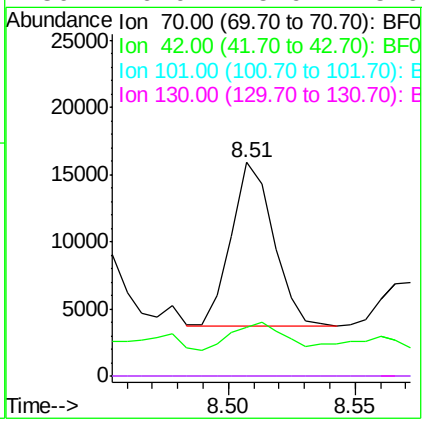


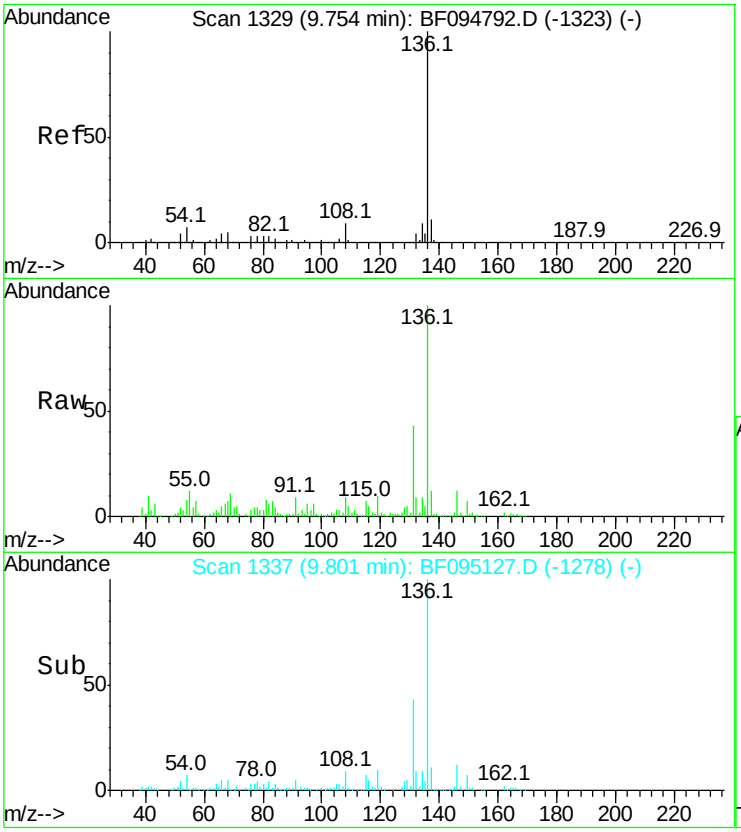


#19
n-Nitroso-di-n-propylamine
Concen: 3.22 ng
RT: 8.51 min Scan# 1117
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion: 70 Resp: 14095

Ion	Ratio	Lower	Upper
70	100		
42	23.1	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



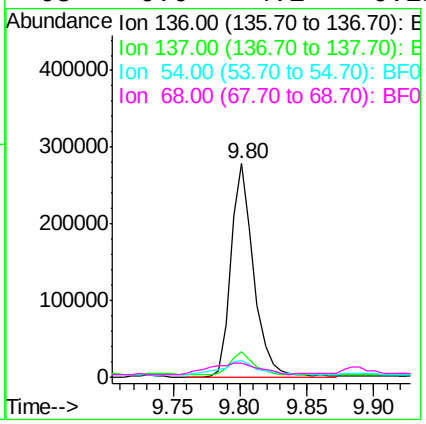


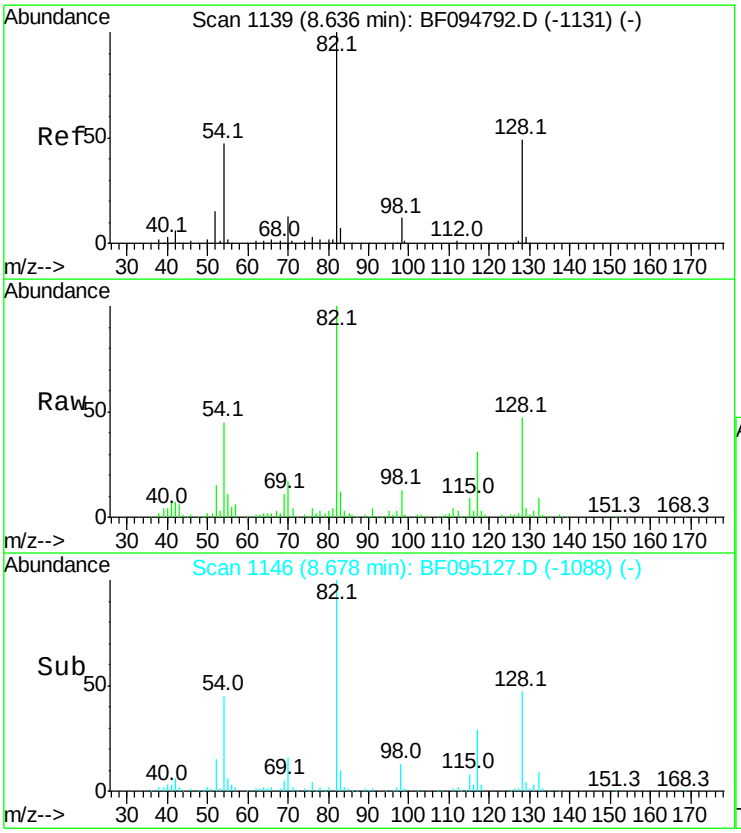
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1337
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 331424

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.5	12.7
54	7.8	4.9	7.3#
68	6.6	4.1	6.1#

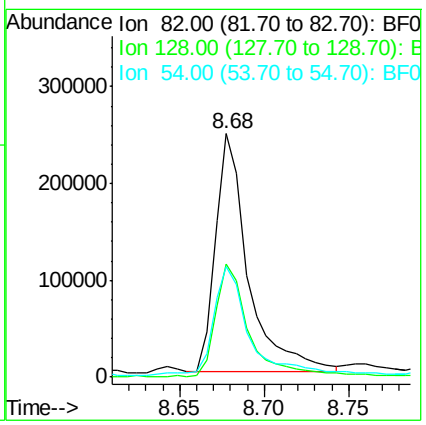


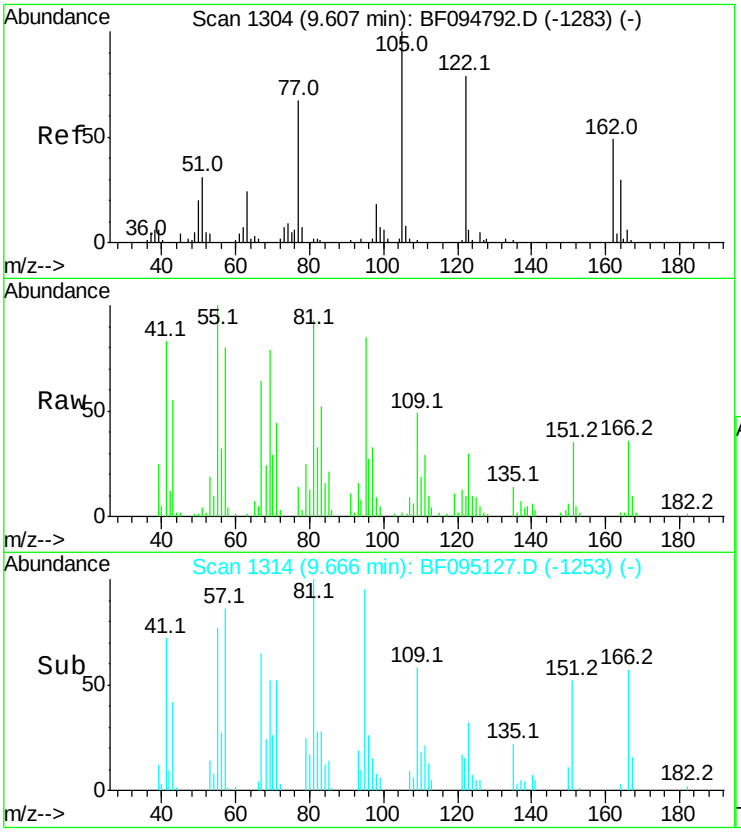


#23
Nitrobenzene-d5
Concen: 63.36 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion: 82 Resp: 332986

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	45.2	42.2	63.2



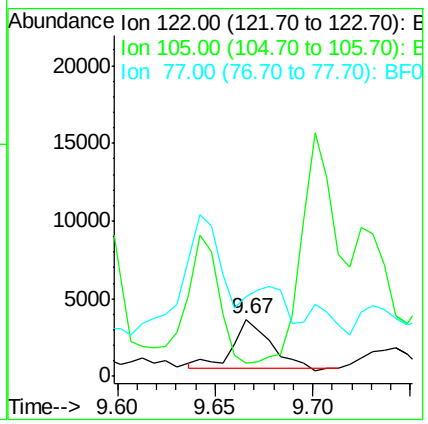


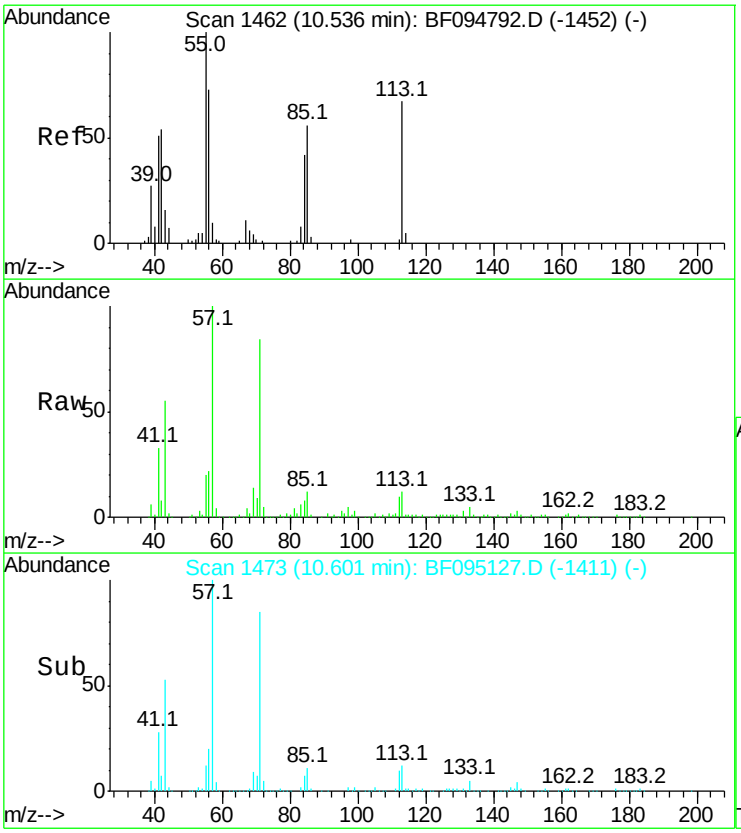
#32
Benzoic acid
Concen: 6.30 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4305

Ion	Ratio	Lower	Upper
122	100		
105	23.0	103.3	143.3#
77	139.8	73.7	113.7#

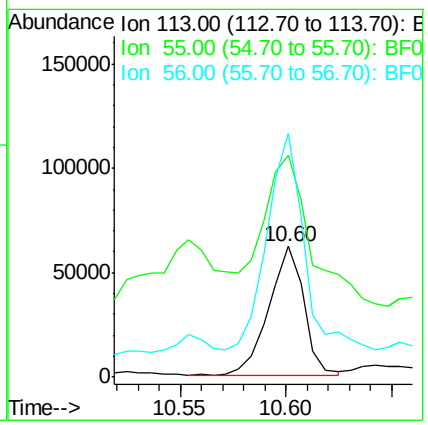


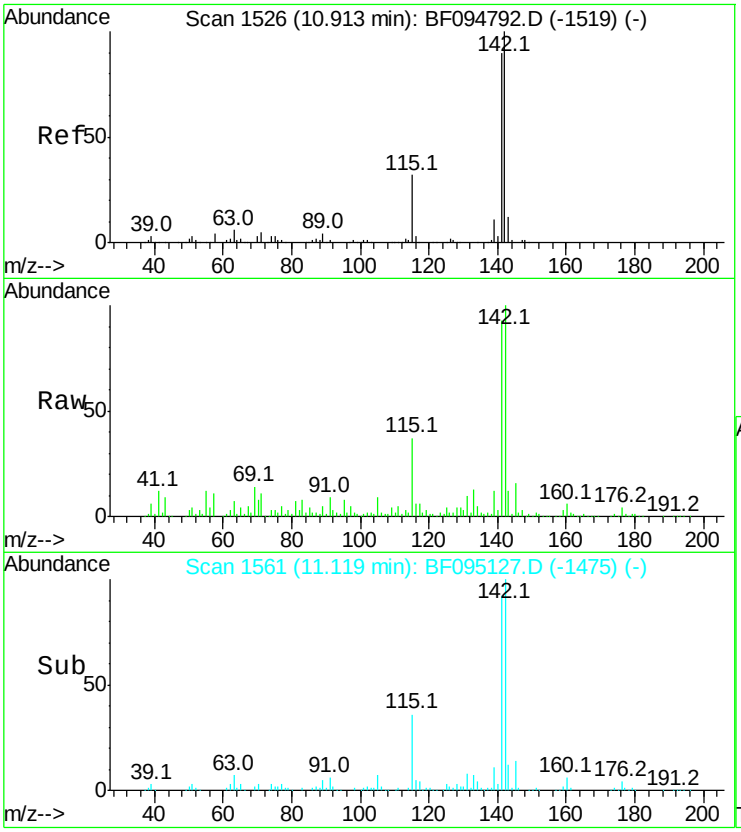


#35
Caprolactam
Concen: 52.54 ng
RT: 10.60 min Scan# 1473
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:113 Resp: 71602

Ion	Ratio	Lower	Upper
113	100		
55	170.0	150.2	190.2
56	186.1	107.8	147.8#



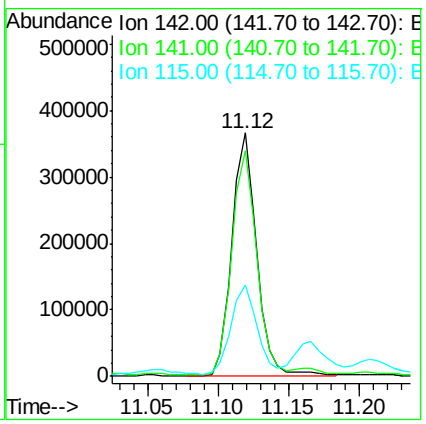


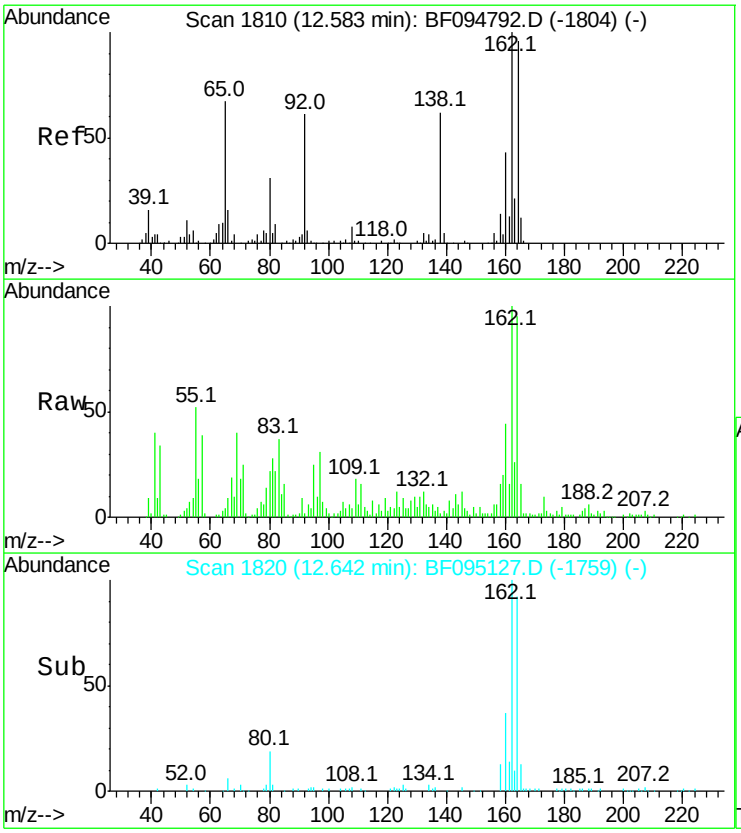
#37
2-Methylnaphthalene
Concen: 40.98 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.21 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 448017

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.3	106.9
115	37.3	27.1	40.7

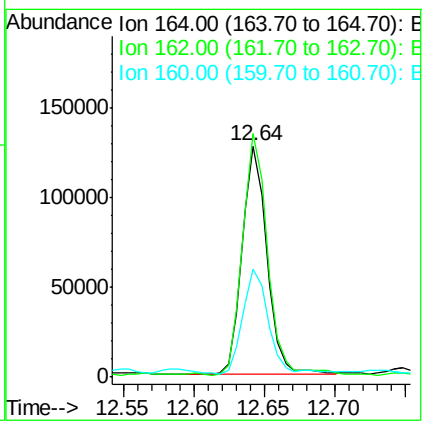


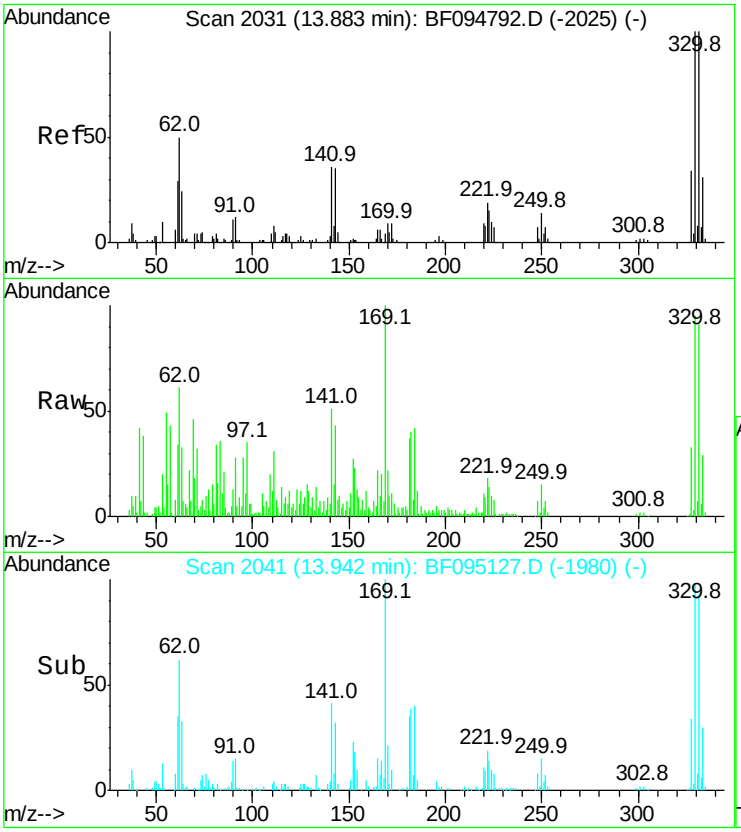


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1820
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:164 Resp: 157593

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	46.8	36.2	54.2



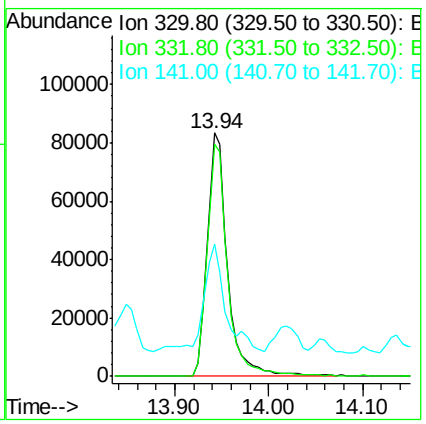


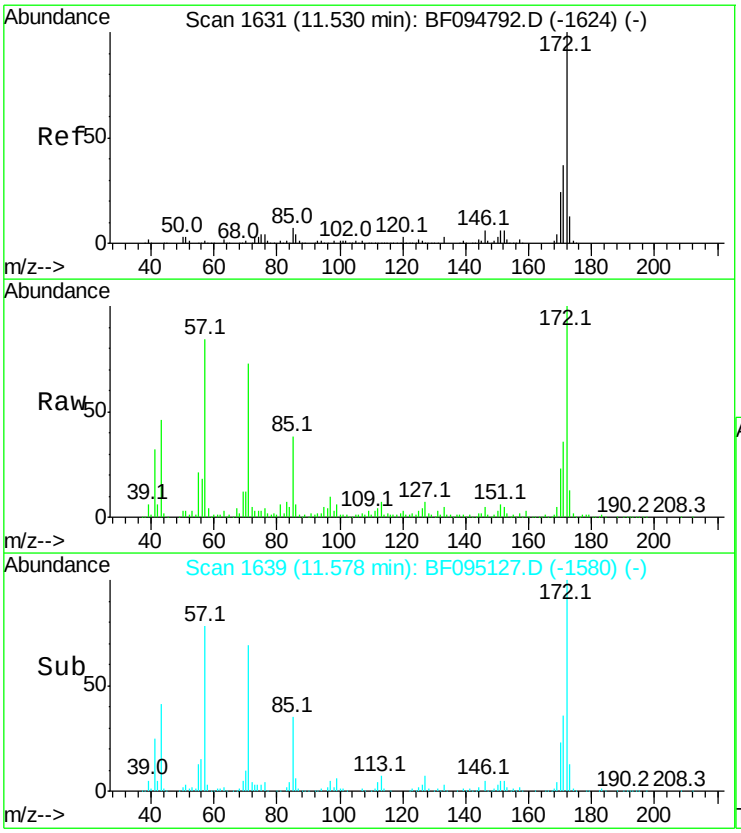
#41
2,4,6-Tribromophenol
Concen: 98.21 ng
RT: 13.94 min Scan# 2041
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 126758

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	47.1	31.4	47.2

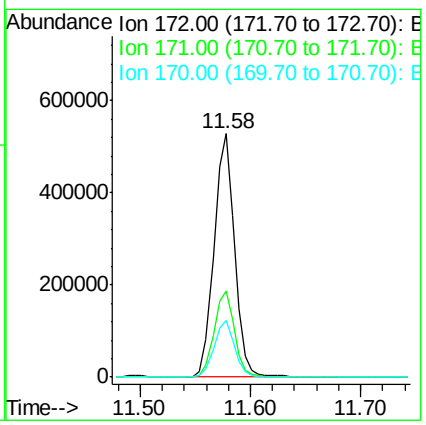


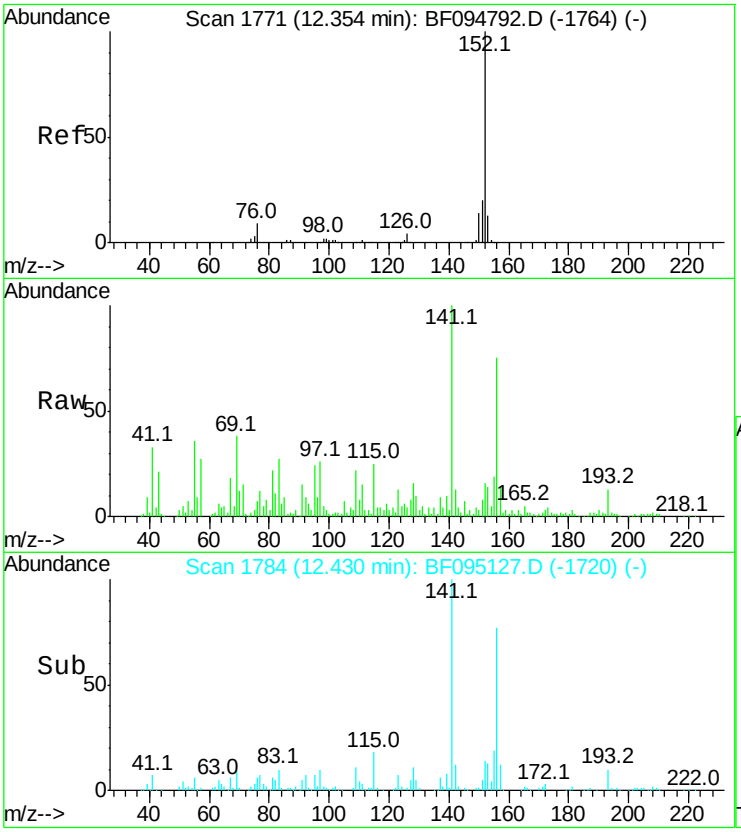


#44
2-Fluorobiphenyl
Concen: 62.04 ng
RT: 11.58 min Scan# 1639
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:172 Resp: 679299

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8



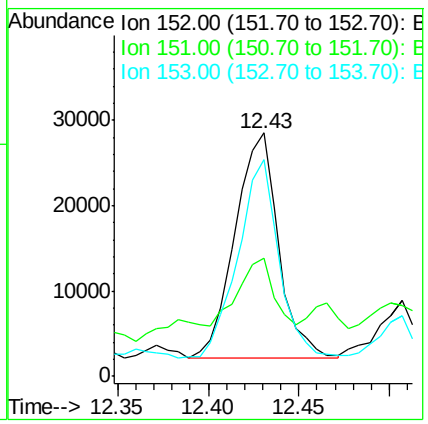


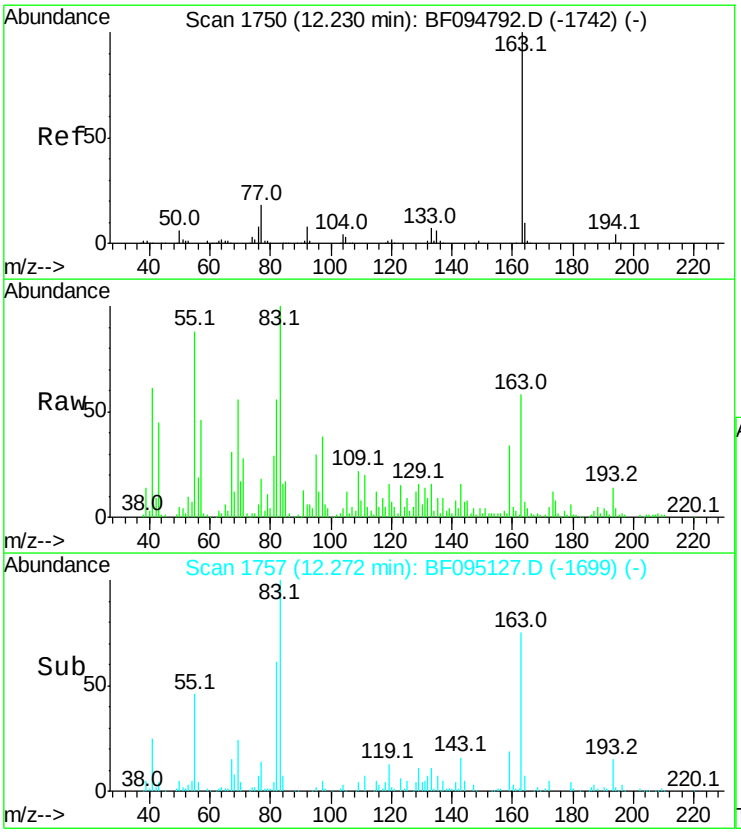
#48
Acenaphthylene
Concen: 2.63 ng
RT: 12.43 min Scan# 1784
Delta R.T. 0.08 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44113

Ion	Ratio	Lower	Upper
152	100		
151	48.8	16.8	25.2#
153	88.8	10.8	16.2#

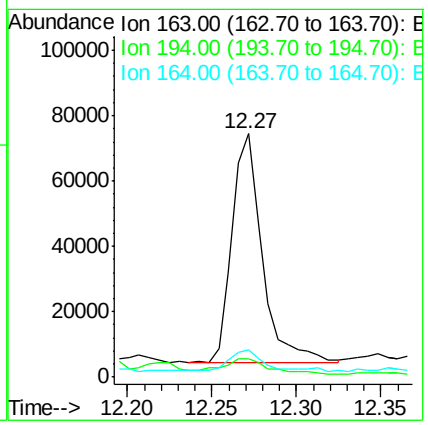


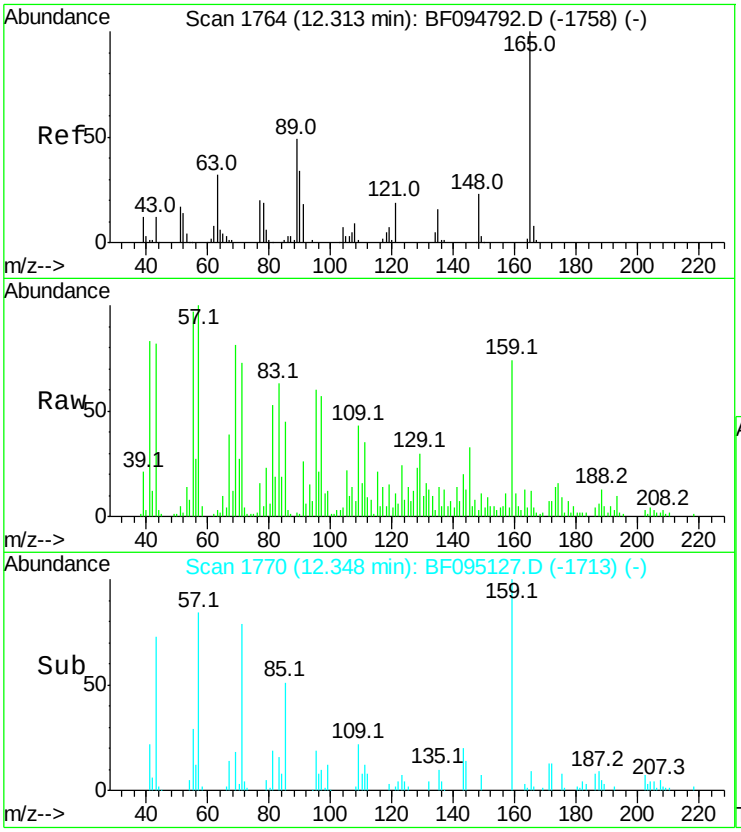


#49
Dimethylphthalate
Concen: 6.74 ng
RT: 12.27 min Scan# 1757
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:163 Resp: 87223

Ion	Ratio	Lower	Upper
163	100		
194	7.3	2.6	4.0#
164	11.3	8.4	12.6



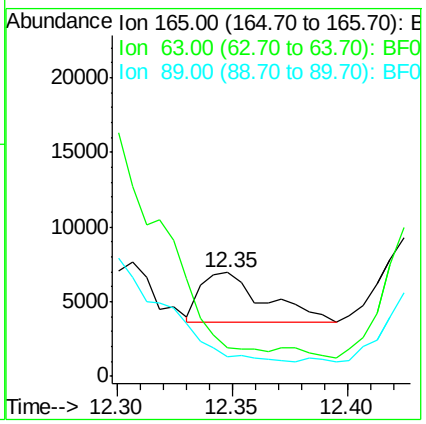


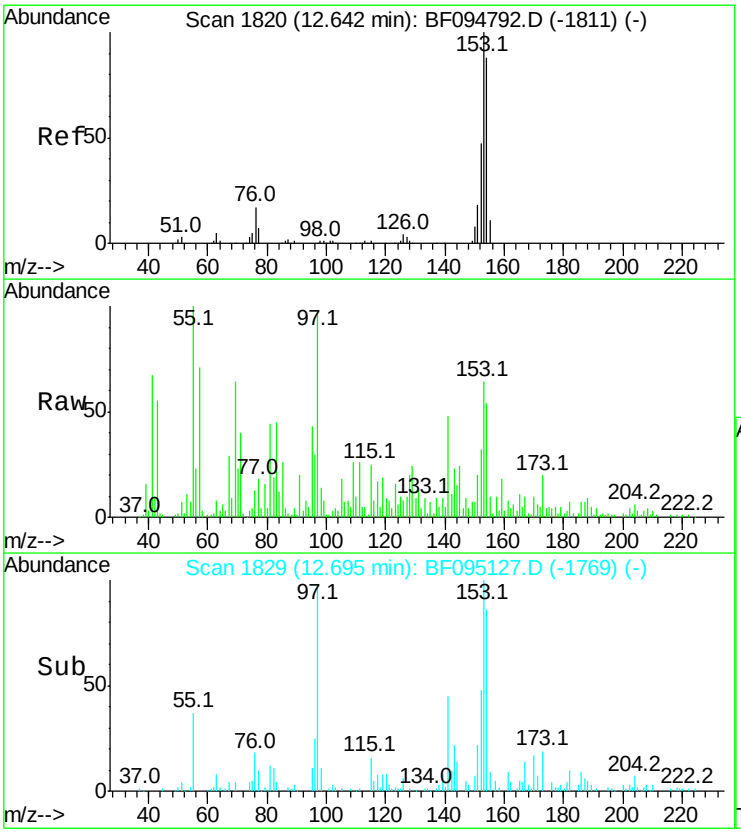
#50
2,6-Dinitrotoluene
Concen: 2.39 ng
RT: 12.35 min Scan# 1770
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6317

Ion	Ratio	Lower	Upper
165	100		
63	27.3	34.3	51.5#
89	19.2	37.1	55.7#

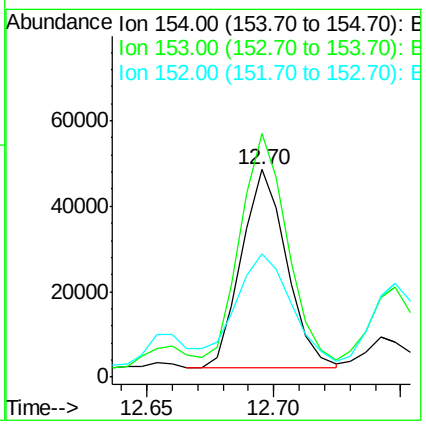


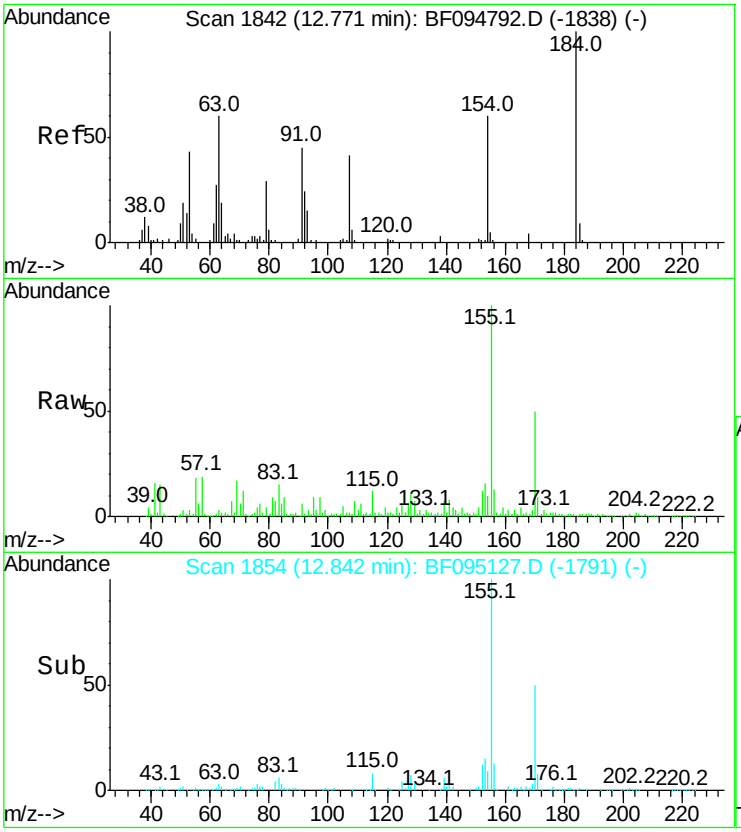


#51
Acenaphthene
Concen: 5.74 ng
RT: 12.70 min Scan# 1829
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:154 Resp: 57582

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.5	135.7
152	59.4	43.6	65.4



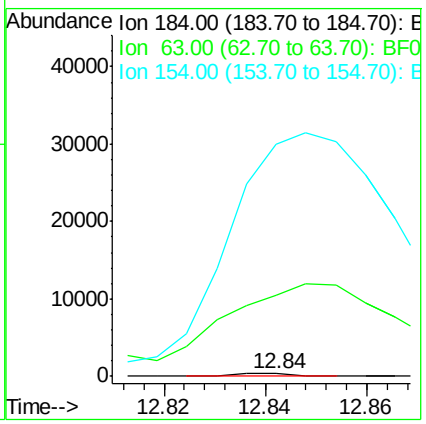


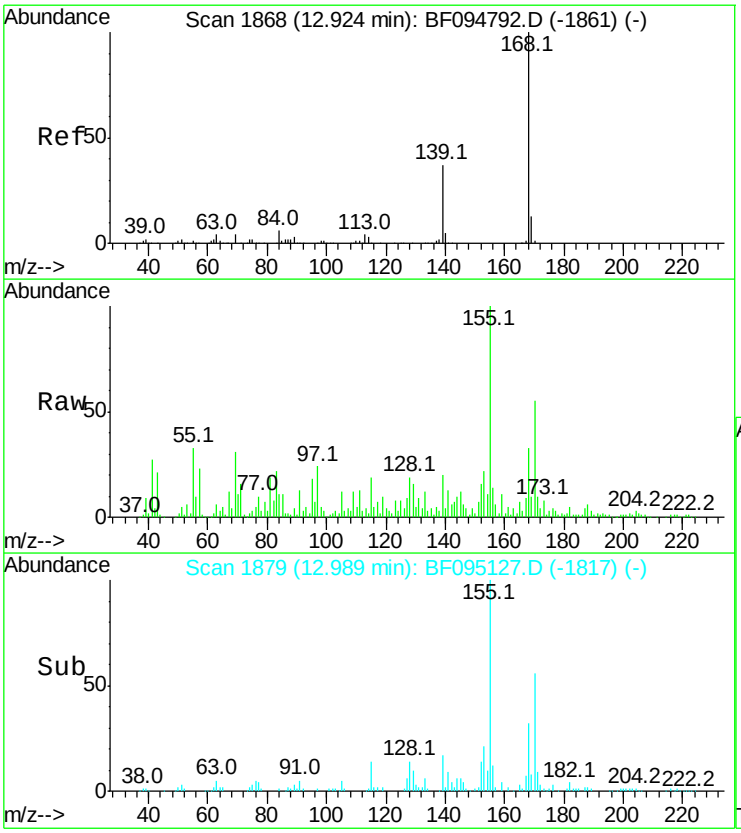
#53
2,4-Dinitrophenol
Concen: 6.40 ng
RT: 12.84 min Scan# 1854
Delta R.T. 0.07 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 249

Ion	Ratio	Lower	Upper
184	100		
63	2948.2	62.7	94.1#
154	8448.5	81.1	121.7#

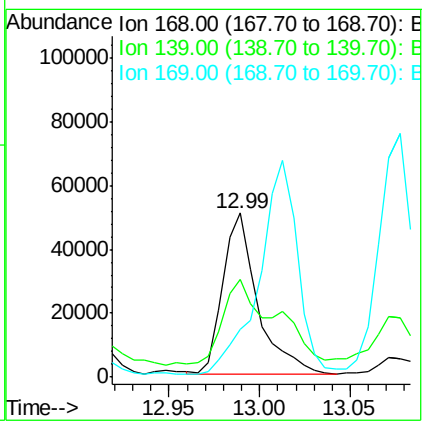


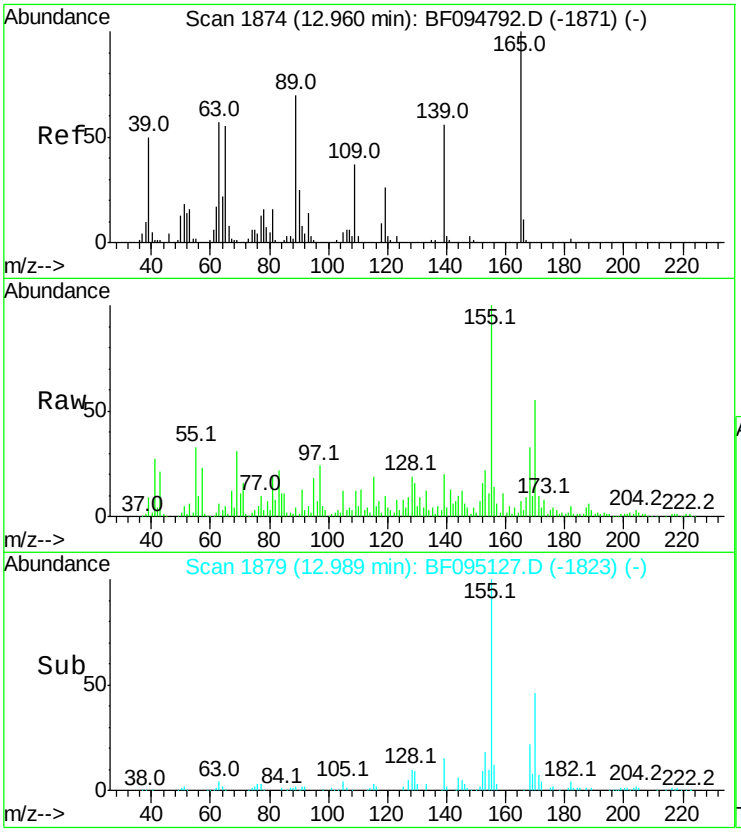


#54
Dibenzofuran
Concen: 4.84 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:168 Resp: 67200

Ion	Ratio	Lower	Upper
168	100		
139	59.3	30.6	45.8#
169	29.3	10.8	16.2#



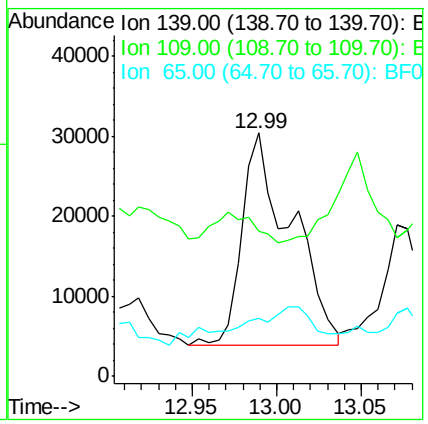


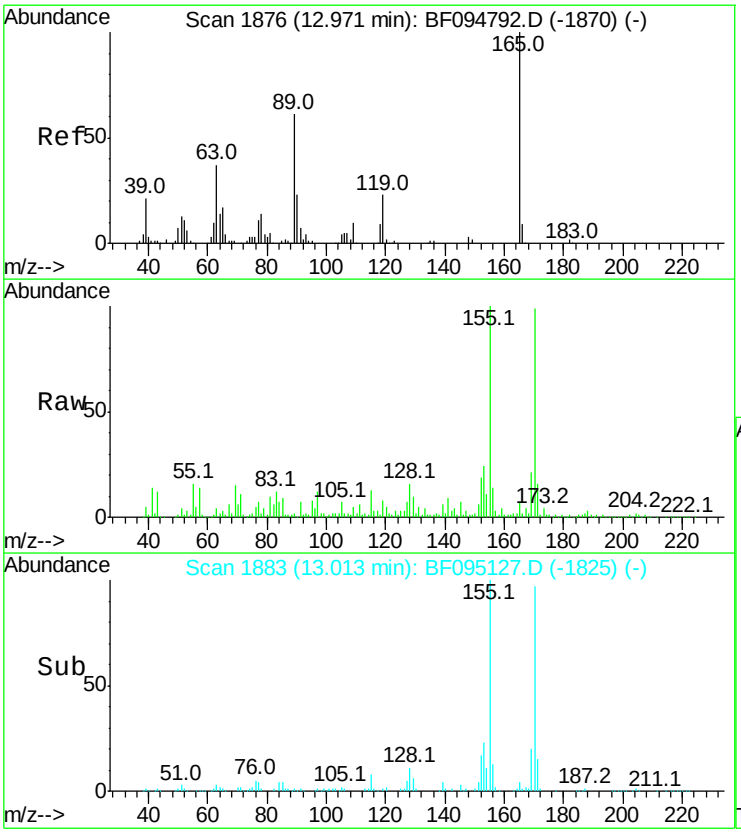
#55
4-Nitrophenol
Concen: 31.93 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.03 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 54325

Ion	Ratio	Lower	Upper
139	100		
109	59.5	34.1	74.1
65	23.7	31.4	71.4#

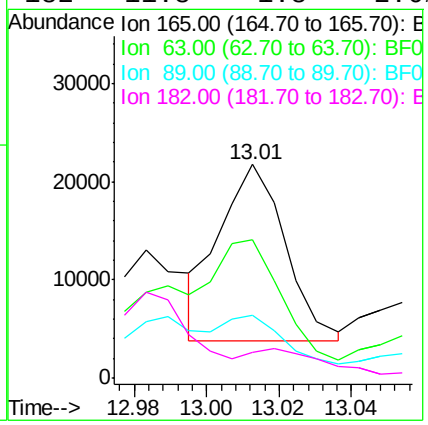


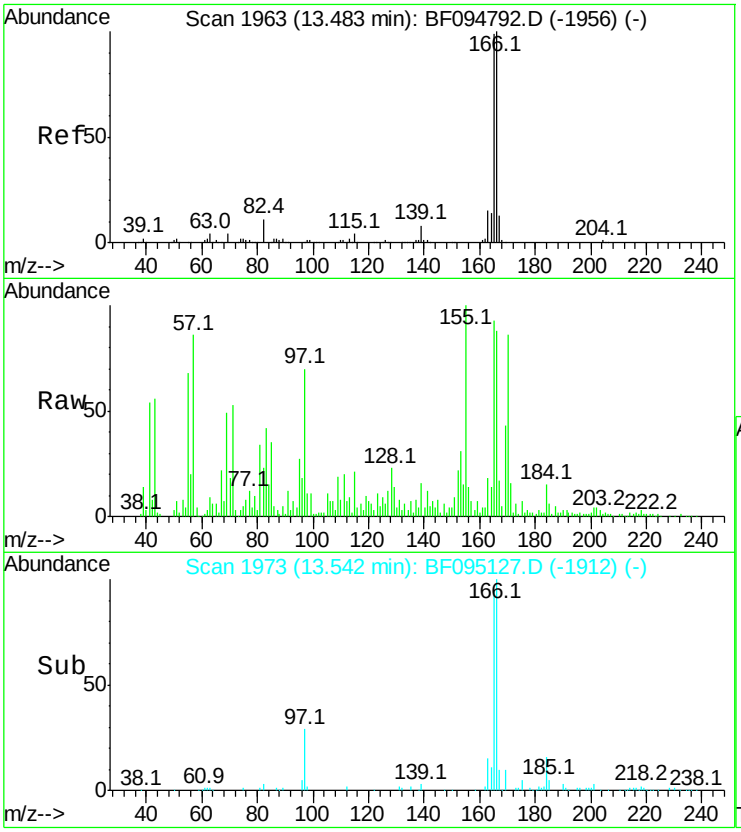


#56
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 13.01 min Scan# 1883
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	64.6	25.4	38.0#
89	29.3	46.4	69.6#
182	11.8	1.8	2.6#



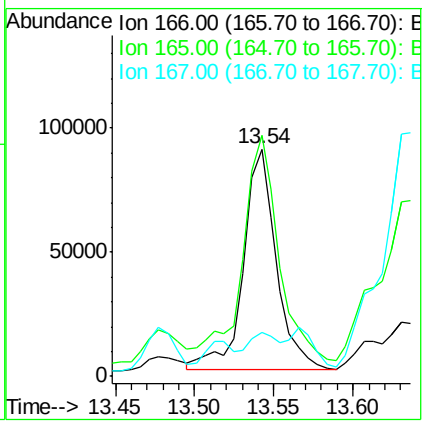


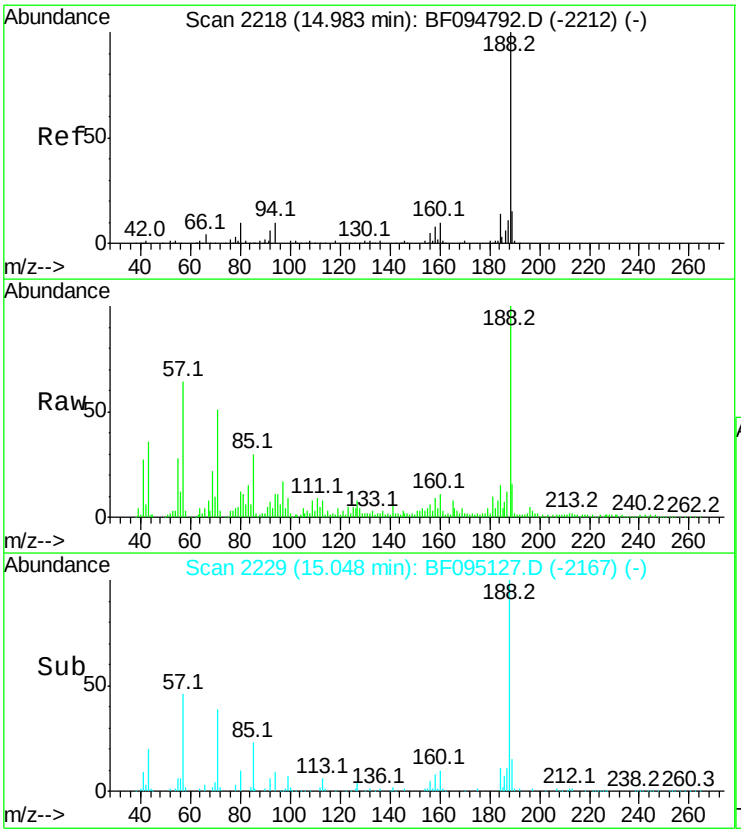
#57
Fluorene
Concen: 10.53 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 127021

Ion	Ratio	Lower	Upper
166	100		
165	106.2	78.8	118.2
167	19.5	10.6	16.0#

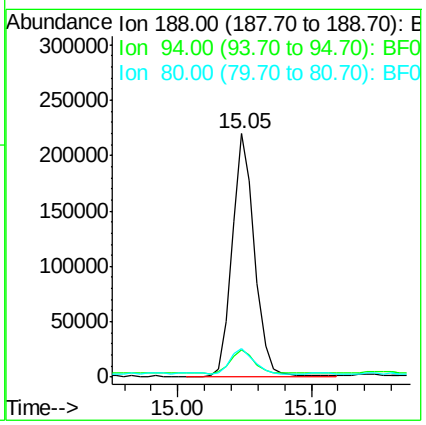


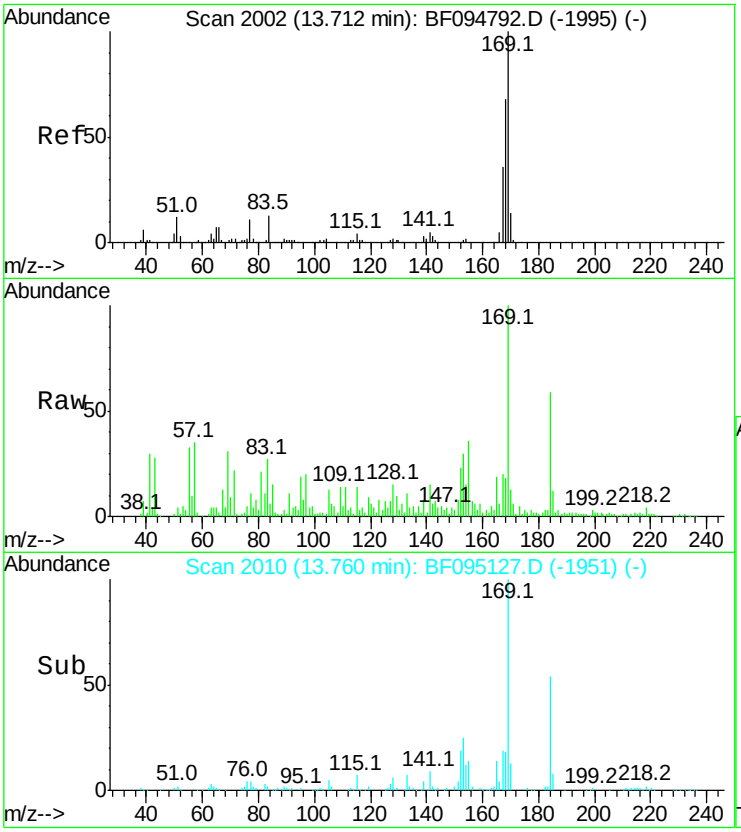


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:188 Resp: 255074

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.0	10.2	15.2



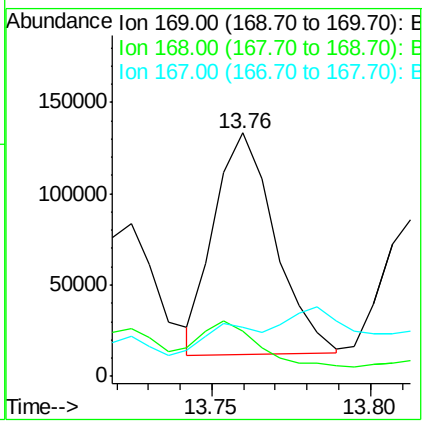


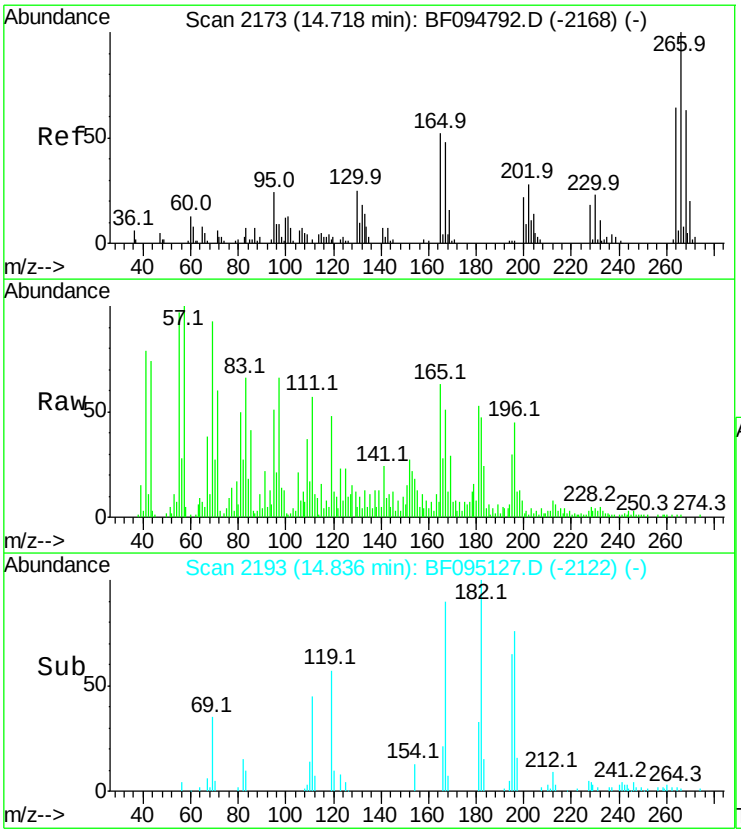
#65
n-Nitrosodiphenylamine
Concen: 17.48 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 161845

Ion	Ratio	Lower	Upper
169	100		
168	18.5	53.2	79.8#
167	20.1	29.5	44.3#

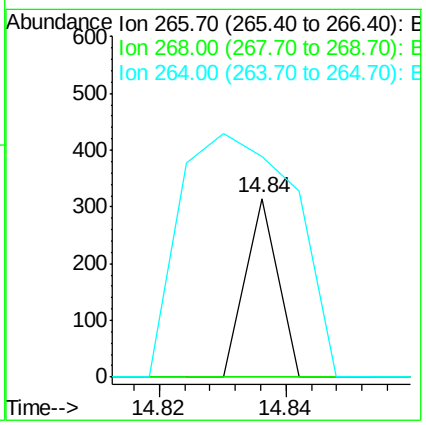


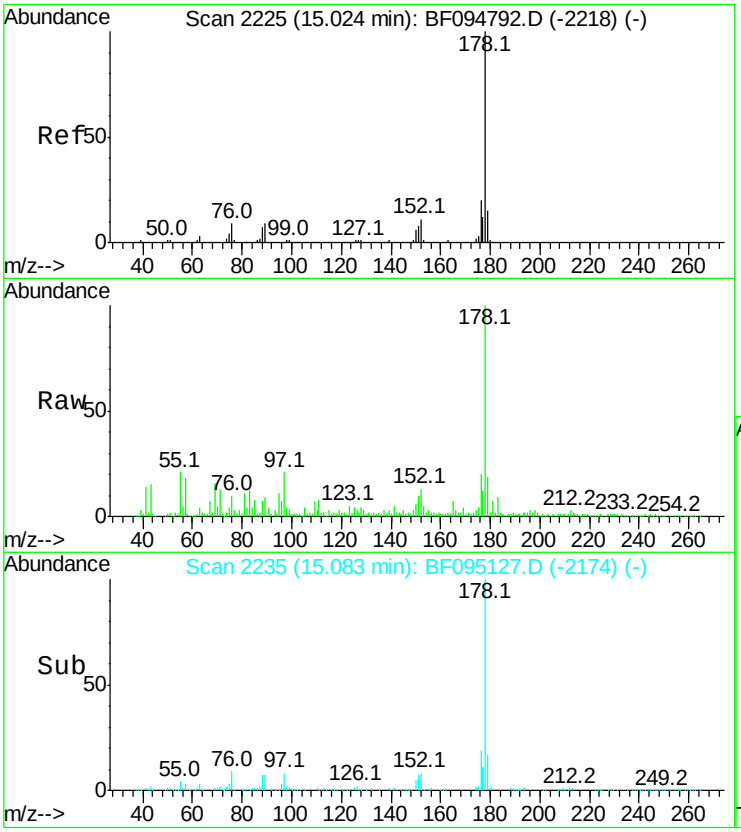


#69
Pentachlorophenol
Concen: 5.95 ng
RT: 14.84 min Scan# 2193
Delta R.T. 0.12 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:266 Resp: 111

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	123.5	51.7	77.5#



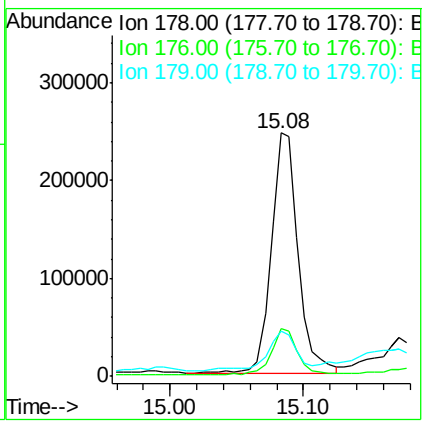


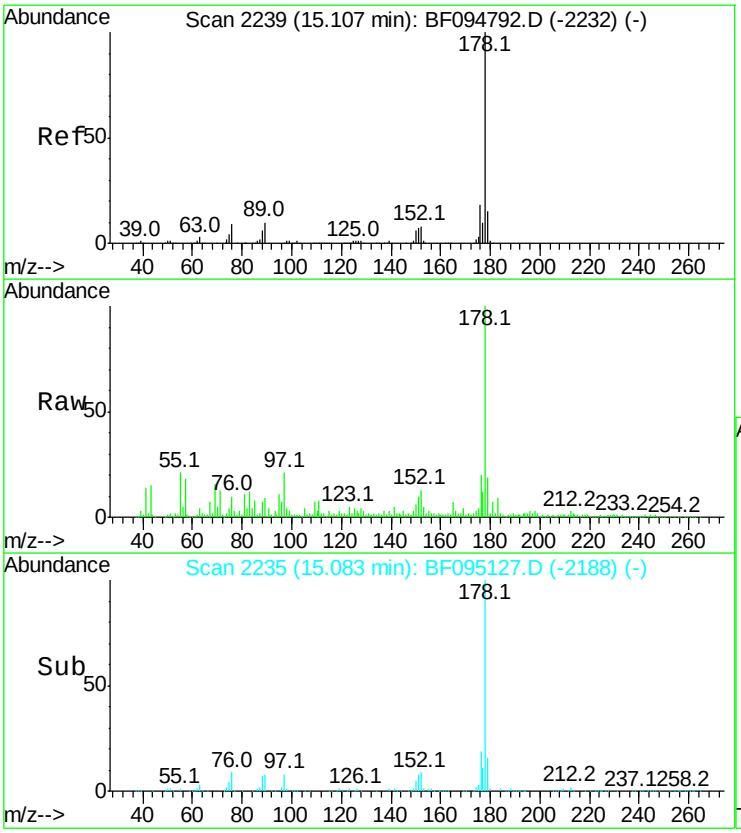
#70
Phenanthrene
Concen: 23.55 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 345150

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	18.6	12.6	19.0

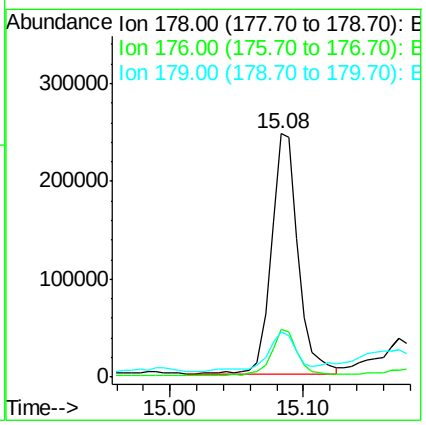


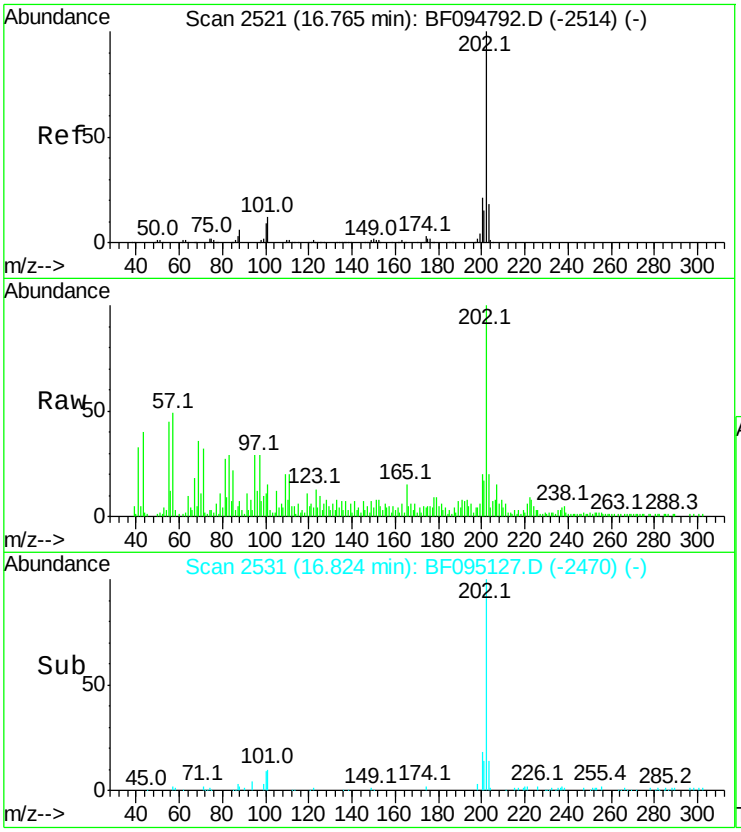


#71
Anthracene
Concen: 23.06 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:178 Resp: 345150

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	18.6	12.7	19.1



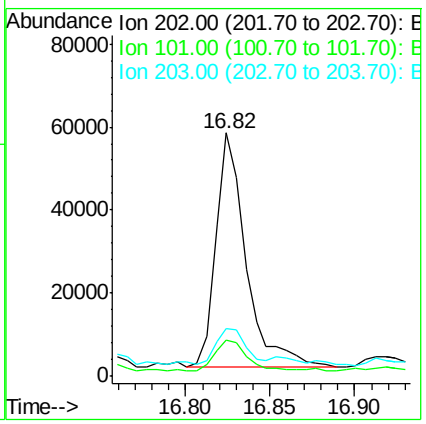


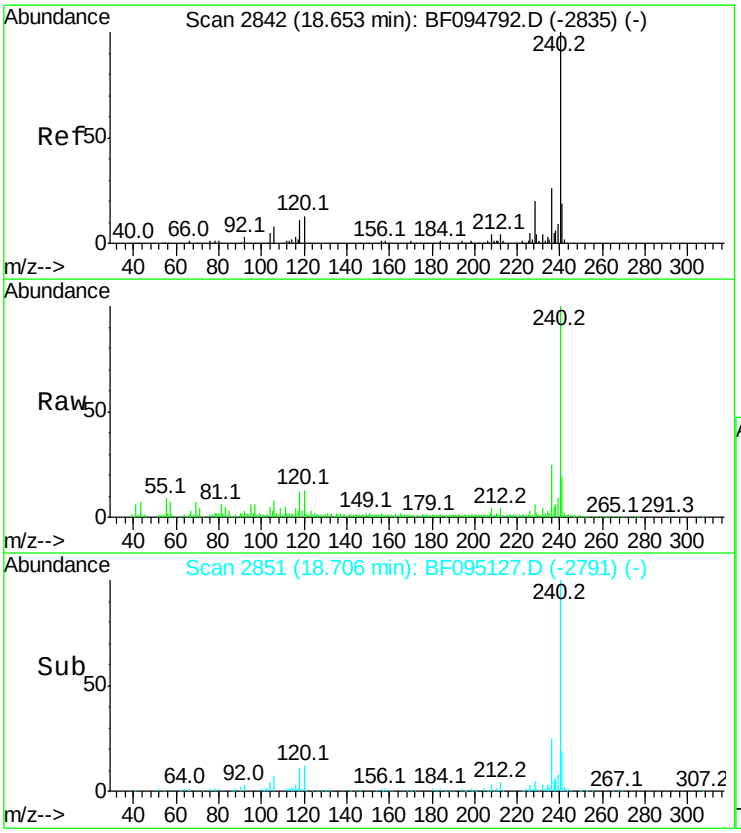
#74
Fluoranthene
Concen: 4.66 ng
RT: 16.82 min Scan# 2531
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 69993

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	19.7	0.0	38.1

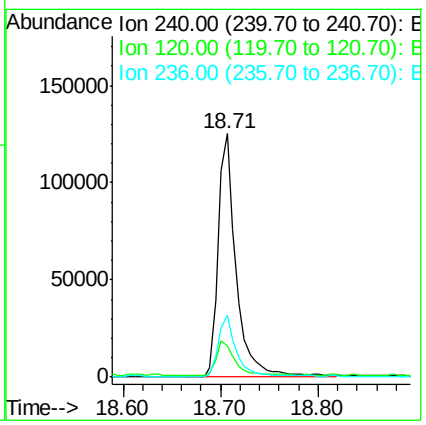


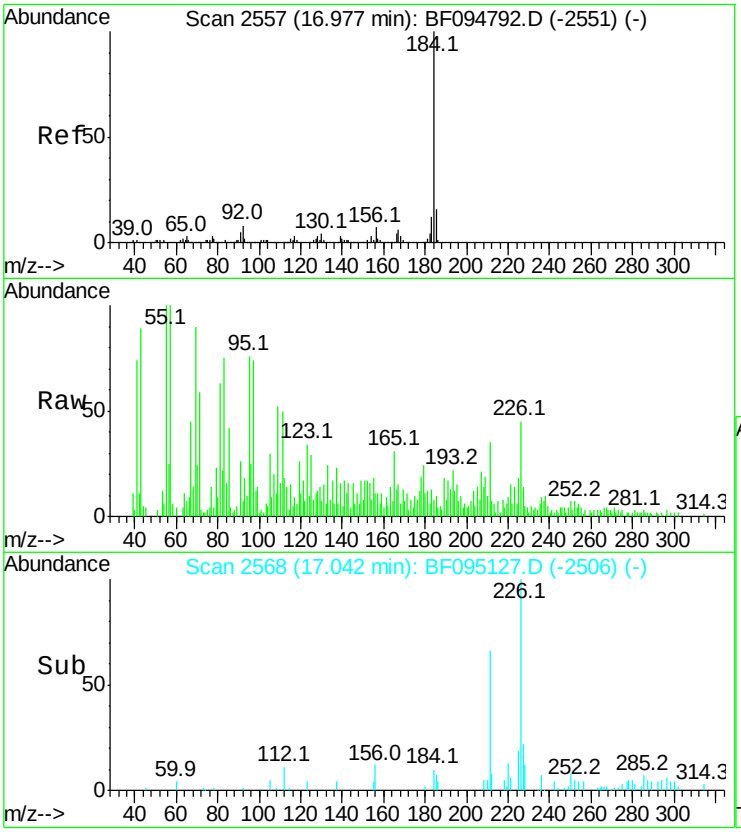


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.71 min Scan# 2851
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:240 Resp: 161684

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	25.4	20.5	30.7



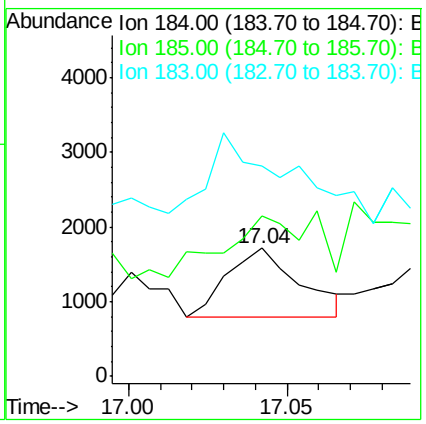


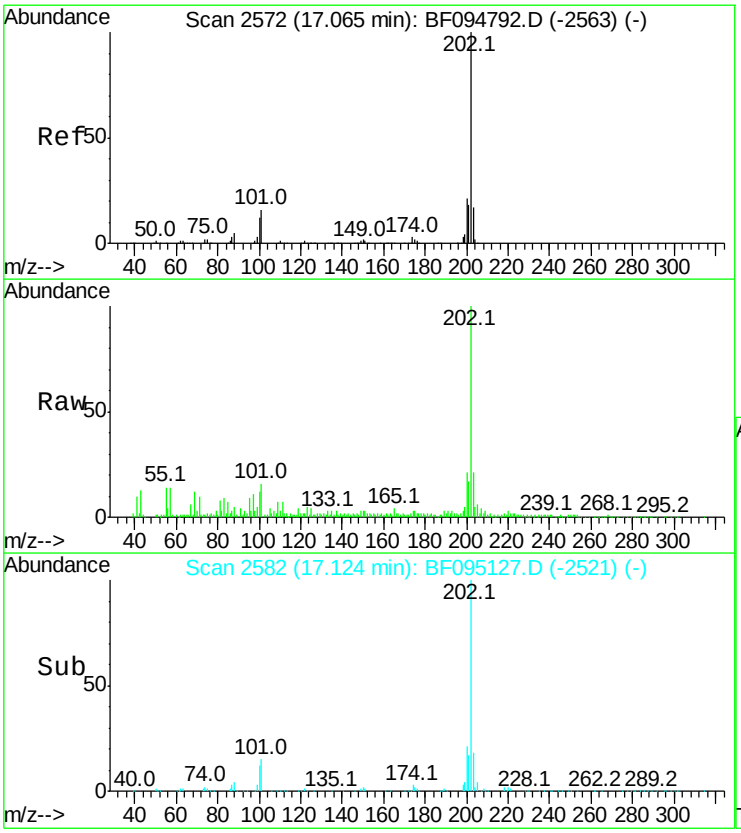
#76
Benzidine
Concen: 6.88 ng
RT: 17.04 min Scan# 2568
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1481

Ion	Ratio	Lower	Upper
184	100		
185	125.4	15.5	23.3#
183	163.5	9.8	14.6#

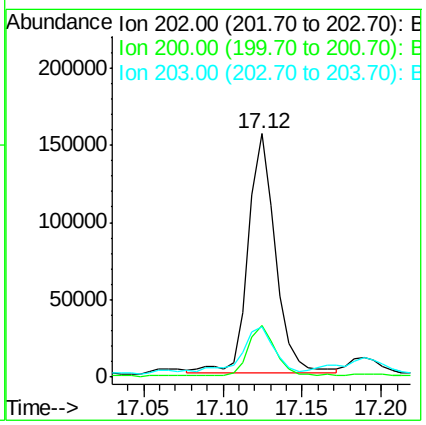


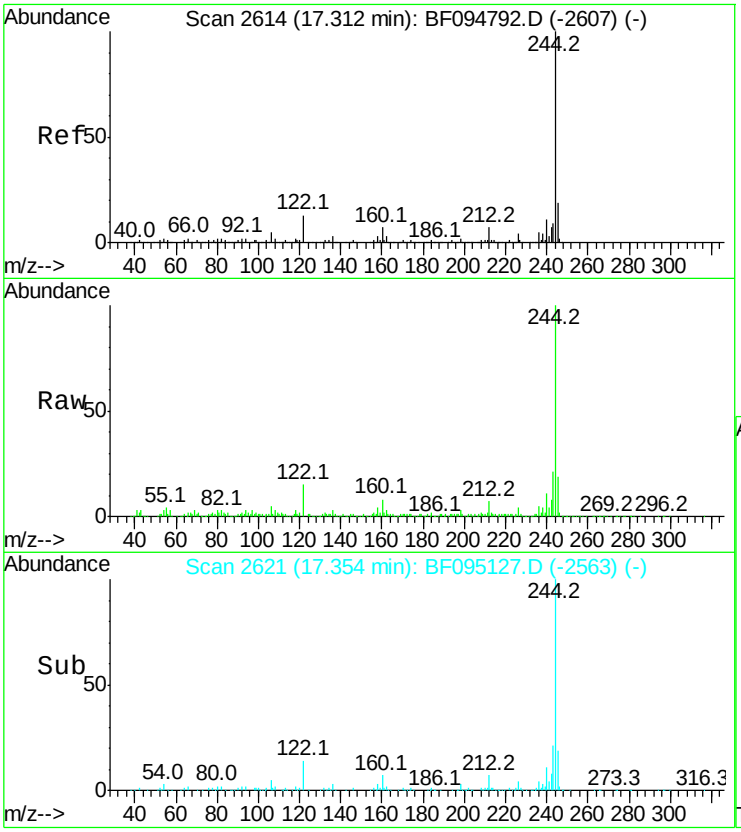


#77
Pyrene
Concen: 15.33 ng
RT: 17.12 min Scan# 2582
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:202 Resp: 185425

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	20.7	14.4	21.6



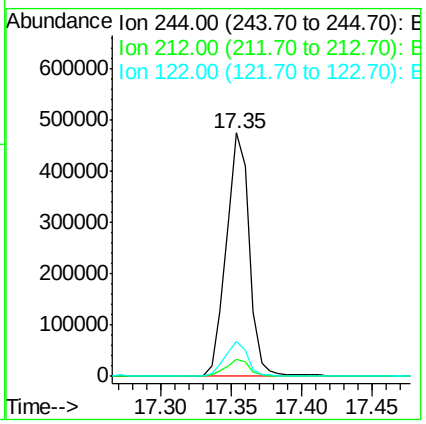


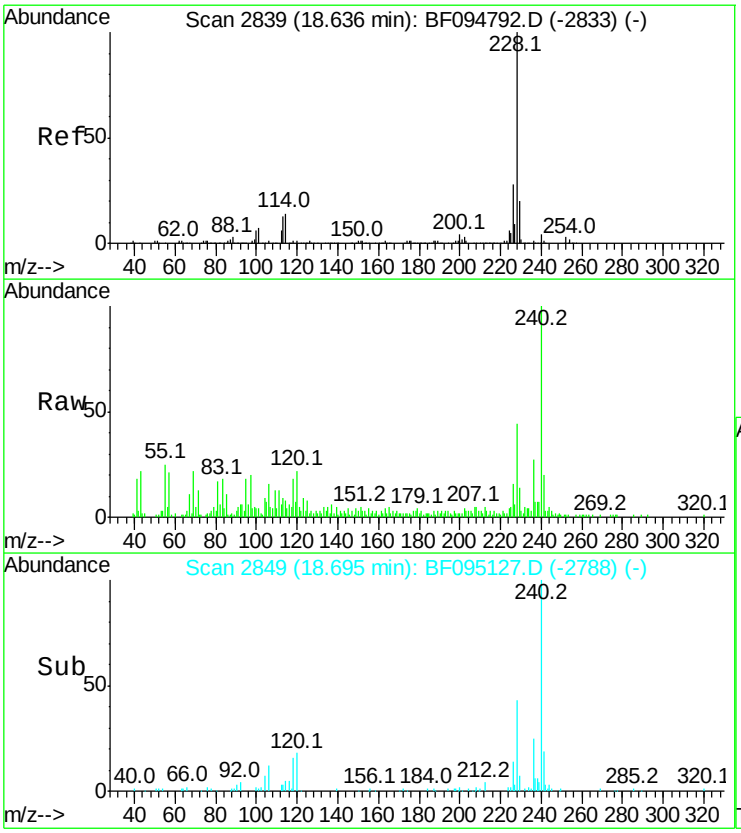
#78
Terphenyl-d14
Concen: 73.31 ng
RT: 17.35 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 538115

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.6	10.3	15.5

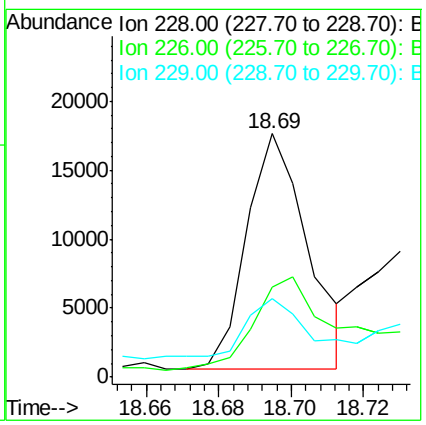


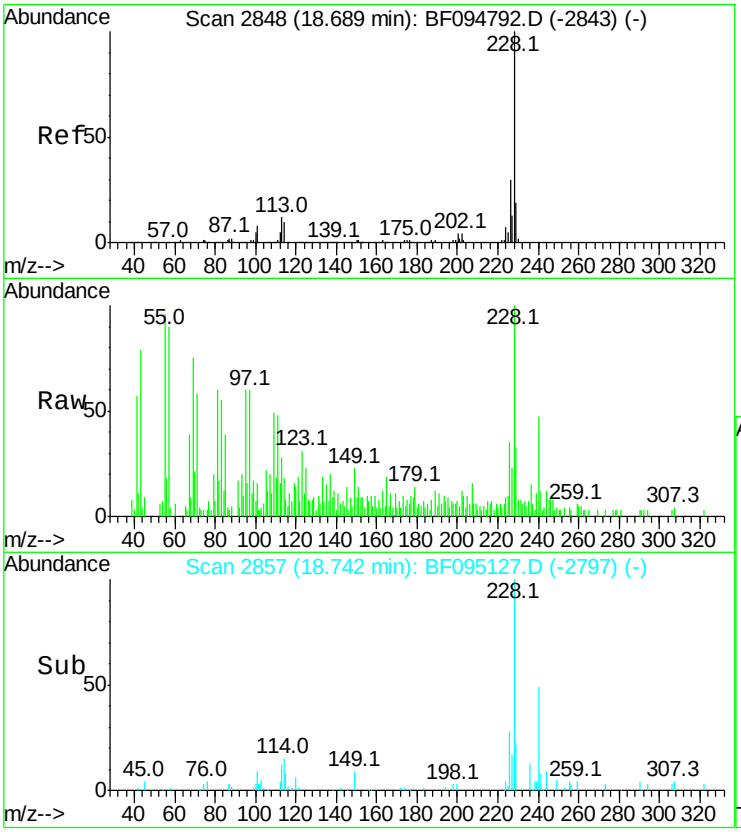


#80
Benzo(a)anthracene
Concen: 2.13 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:228 Resp: 20072

Ion	Ratio	Lower	Upper
228	100		
226	37.2	22.6	33.8#
229	32.3	16.3	24.5#



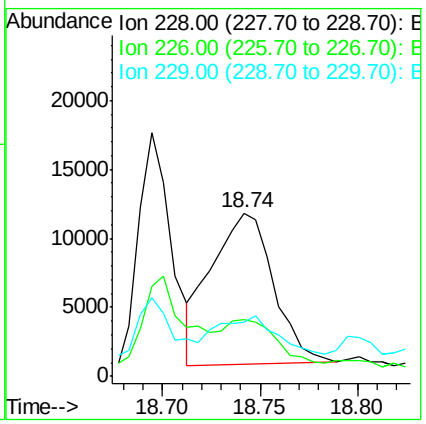


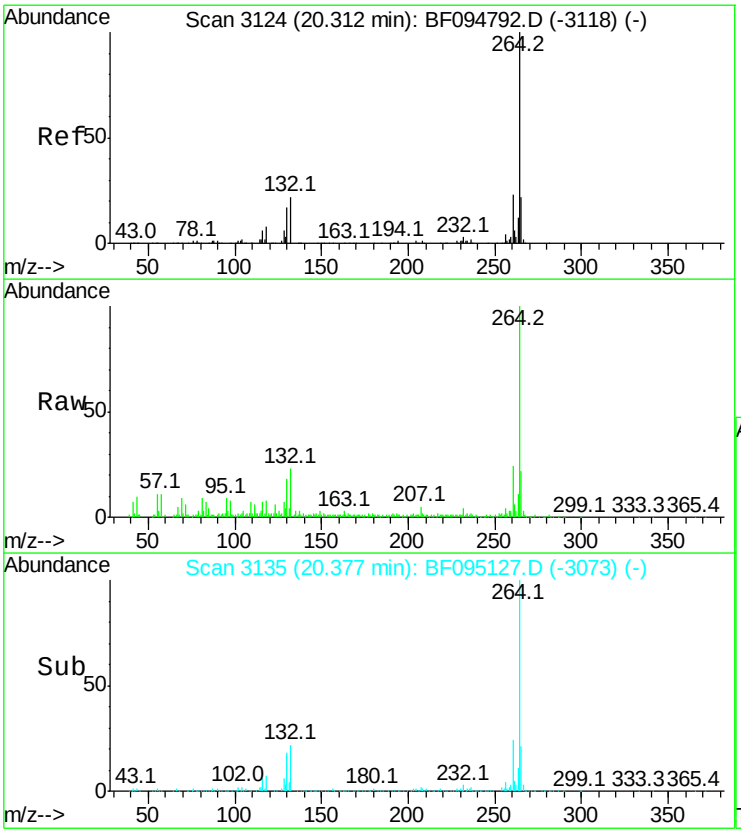
#82
Chrysene
Concen: 2.66 ng
RT: 18.74 min Scan# 2857
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 24208

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.9	37.3
229	33.0	15.8	23.6#

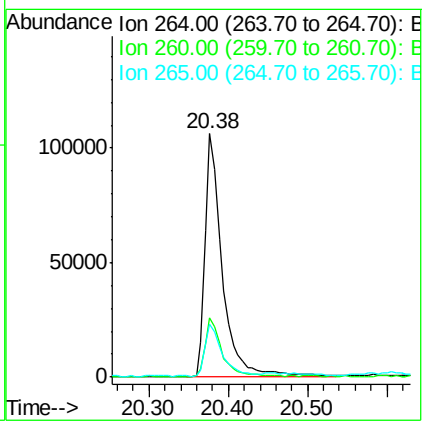


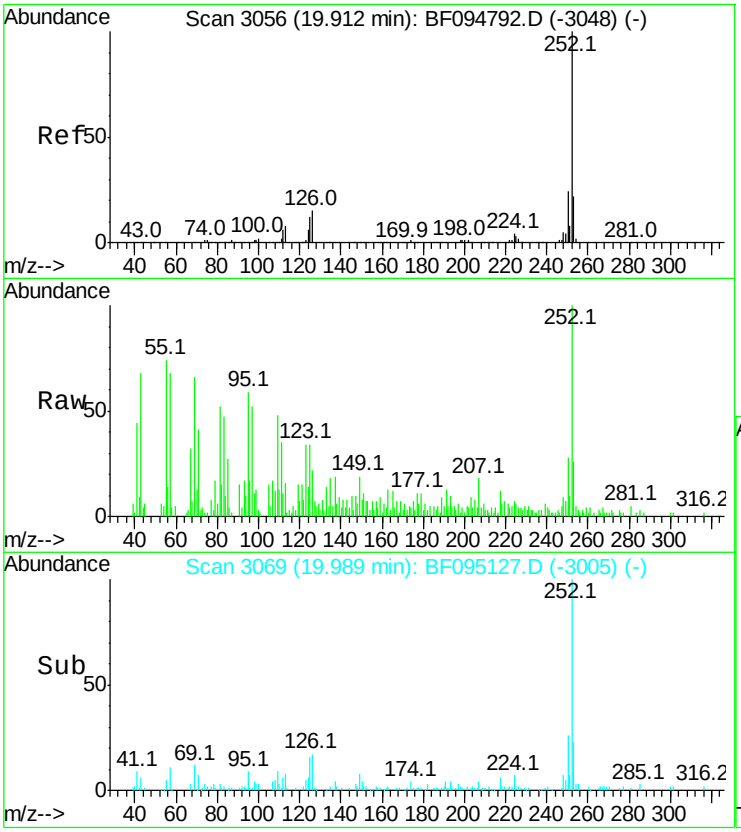


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:264 Resp: 164058

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.2	25.8



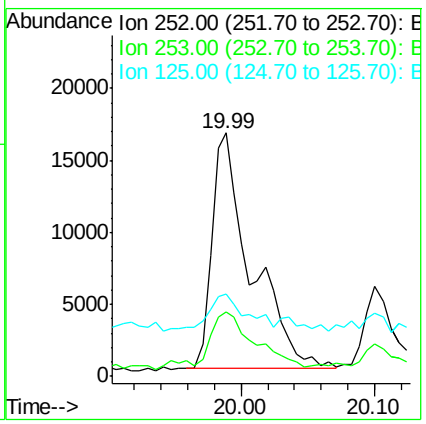


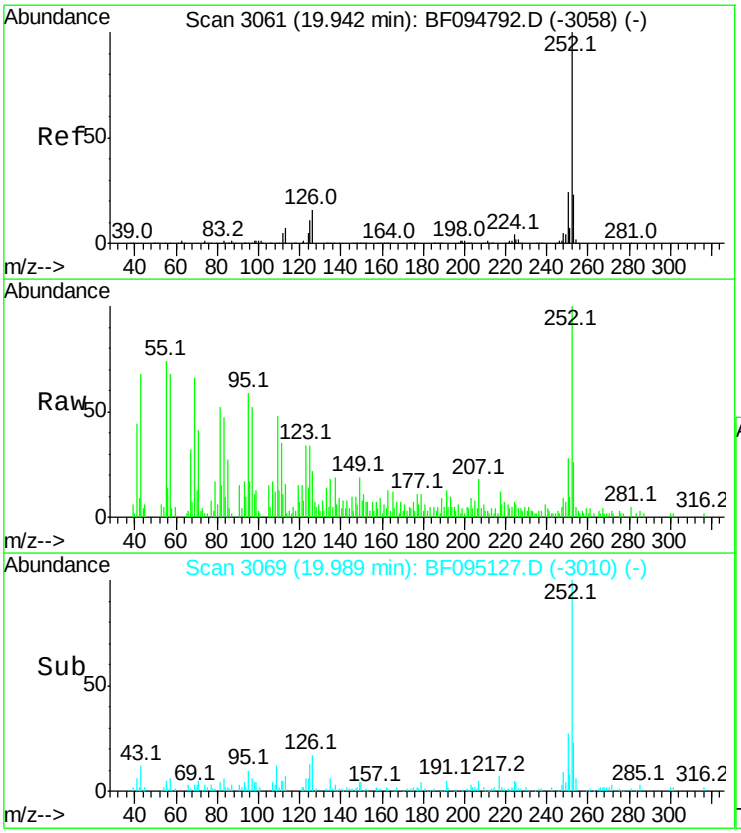
#87
Benzo(b)fluoranthene
Concen: 3.32 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.08 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33668

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.1	27.1
125	33.6	9.8	14.8#

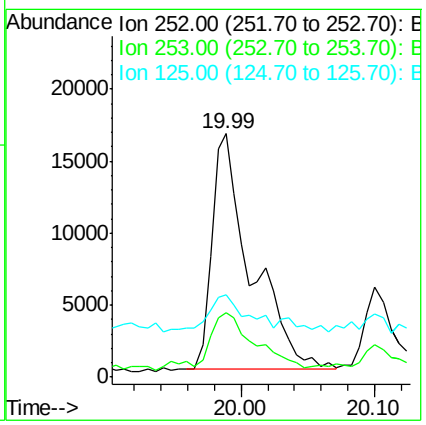


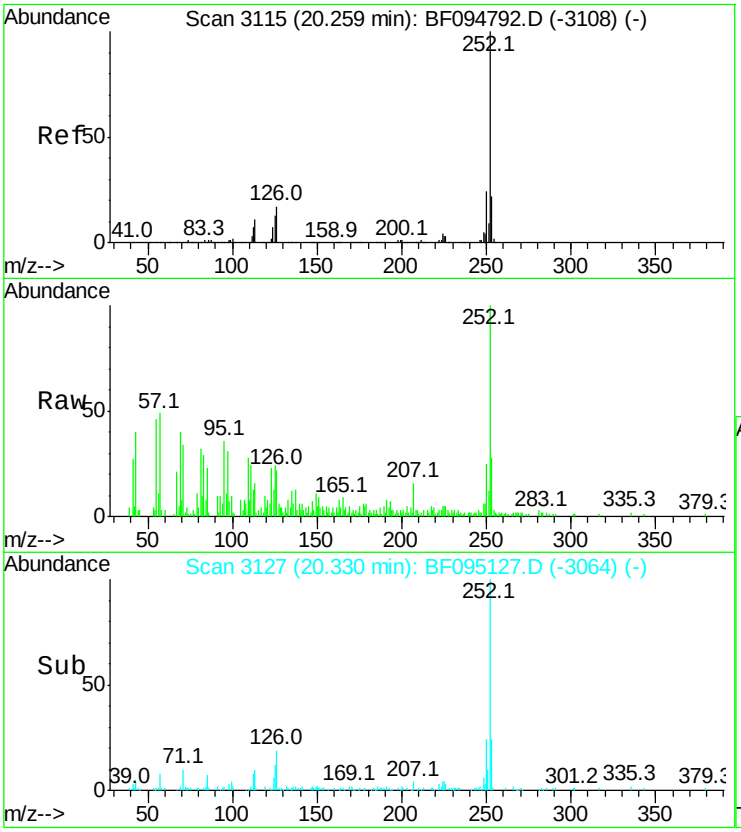


#88
Benzo(k)fluoranthene
Concen: 3.44 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:252 Resp: 33668

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.4	27.6
125	33.6	13.1	19.7#



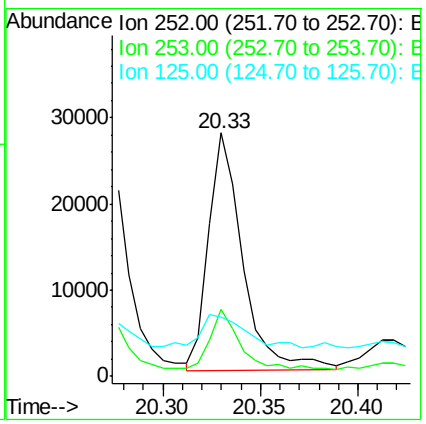


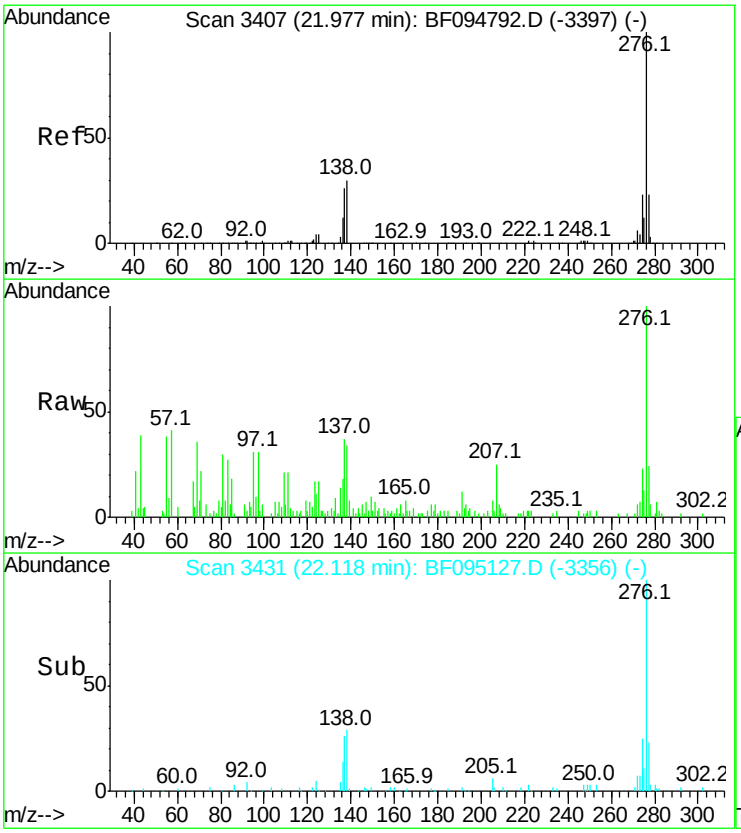
#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 20.33 min Scan# 3127
Delta R.T. 0.07 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33863

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.5	26.3#
125	24.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.66 ng
RT: 22.12 min Scan# 3431
Delta R.T. 0.14 min
Lab File: BF095127.D
Acq: 15 May 2017 16:00

Tgt Ion:276 Resp: 50466

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	33.6	25.4	38.0