Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095943.D
Acq On : 15 Jun 2017 2:13
Operator : SJ/MA
Sample : I3664-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 03:59:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69287	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	278793	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	110822	20.00	ng		-0.07
63) Phenanthrene-d10	14.58	188	170330	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	139889	20.00	ng		-0.05
86) Perylene-d12	19.97	264	102215	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	325106	74.77	ng		-0.05
7) Phenol-d6	6.90	99	596914	114.67	ng		-0.05
23) Nitrobenzene-d5	8.26	82	350465	78.07	ng		-0.06
41) 2,4,6-Tribromophenol	13.49	330	22102	22.54	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	640163	80.38	ng		-0.07
78) Terphenyl-d14	16.96	244	413076	73.28	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.26	70	44083	13.36	ng	#	75
49) Dimethylphthalate	11.84	163	97858	11.63	ng		99
55) 4-Nitrophenol	12.54	139	2802	6.74	ng	#	25
70) Phenanthrene	14.62	178	104921	10.68	ng		98
71) Anthracene	14.72	178	27099	2.64	ng		97
74) Fluoranthene	16.40	202	128380	13.20	ng		99
77) Pyrene	16.70	202	111600	10.69	ng		94
80) Benzo(a)anthracene	18.29	228	47285	5.81	ng		97
82) Chrysene	18.34	228	44020	5.42	ng		98
83) Bis(2-ethylhexyl)phthalate	18.37	149	21818	3.39	ng	#	98
85) Indeno(1,2,3-cd)pyrene	21.16	276	16242	2.34	ng	#	90
87) Benzo(b)fluoranthene	19.57	252	55066	8.60	ng	#	94
88) Benzo(k)fluoranthene	19.57	252	55066	9.00	ng		97
89) Benzo(a)pyrene	19.92	252	28266	4.80	ng	#	88
91) Benzo(g,h,i)perylene	21.49	276	14430	2.84	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
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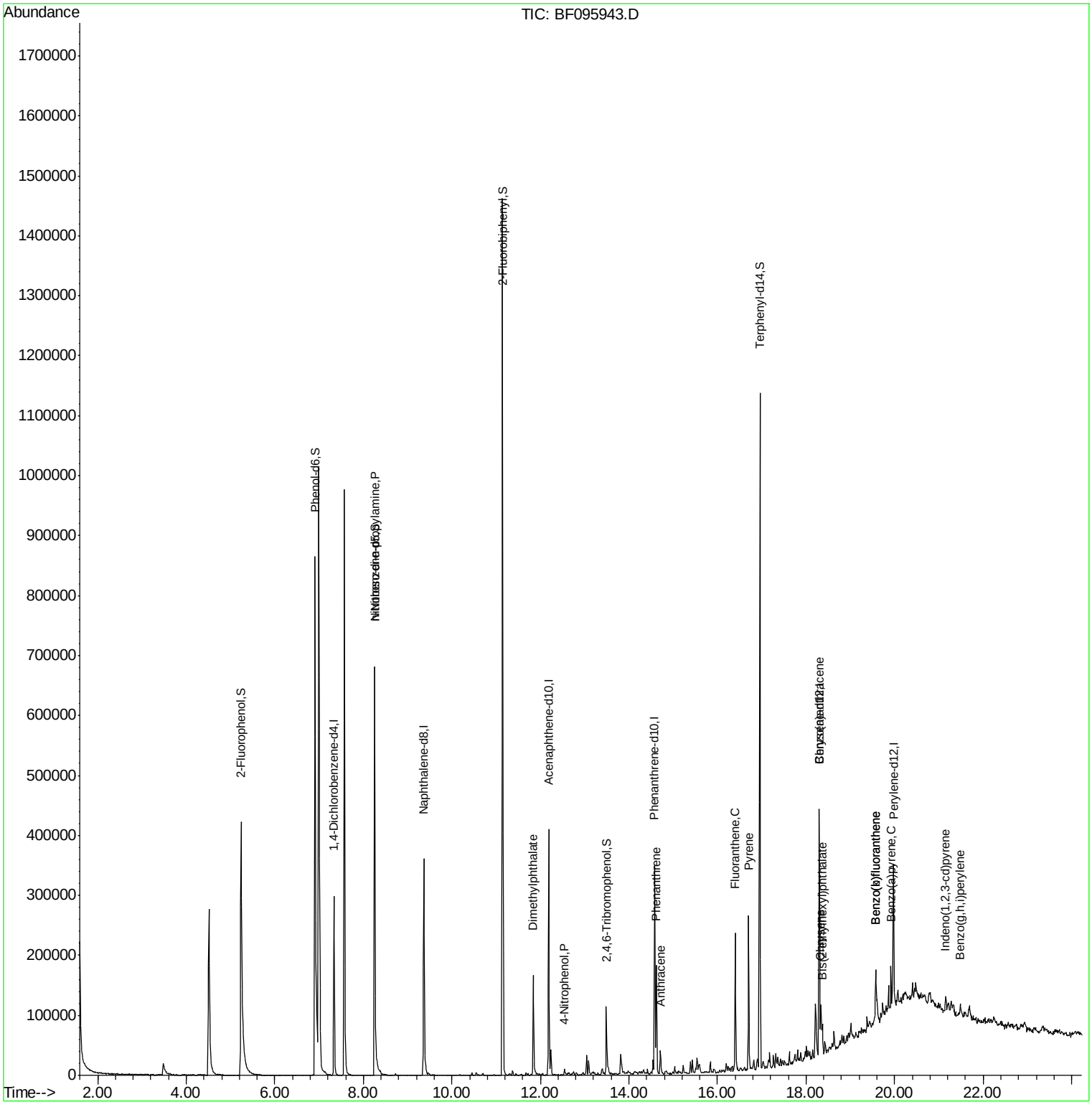
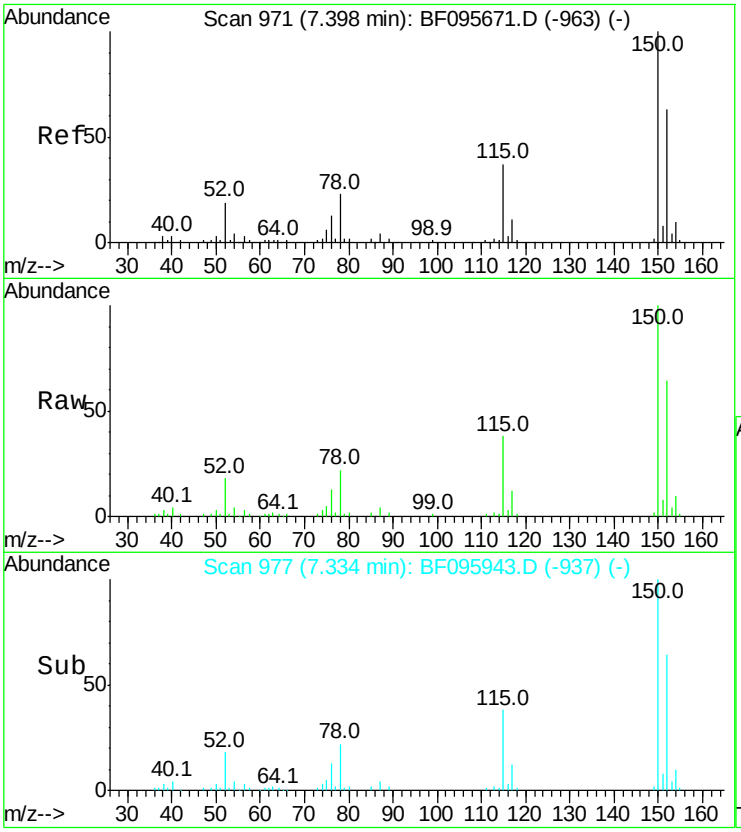


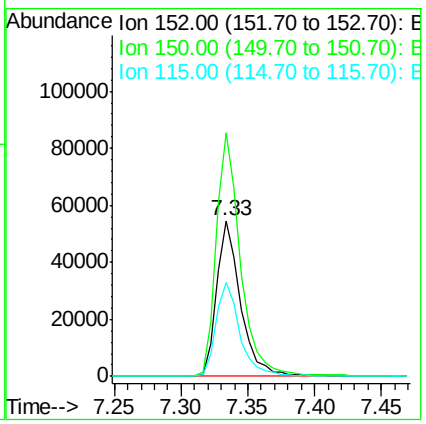


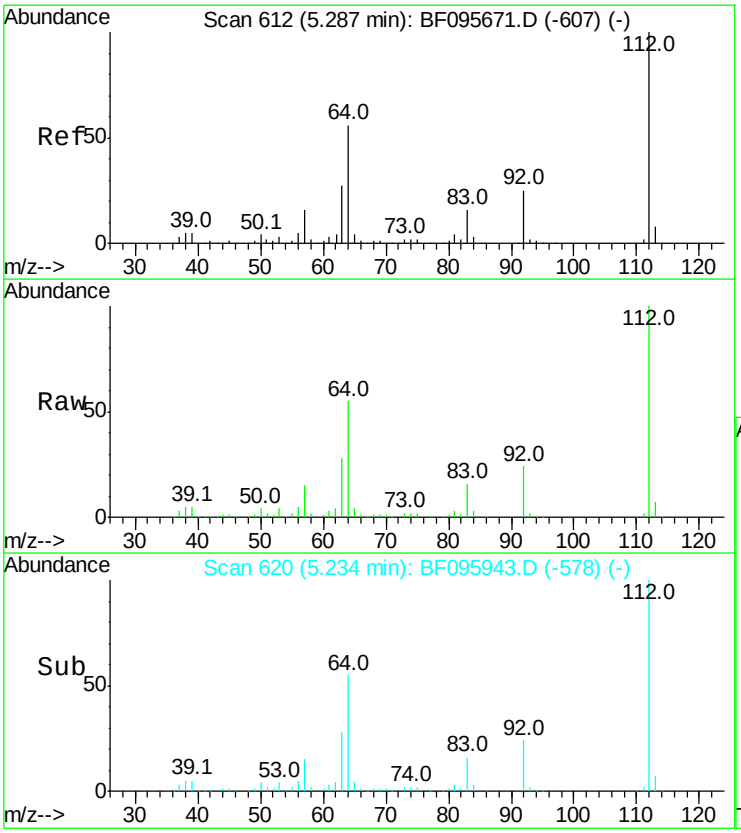
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69287

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.1	52.2	78.2

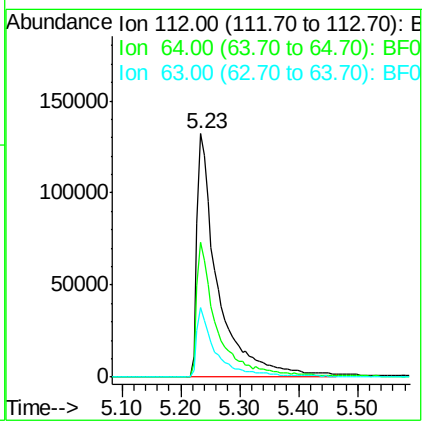


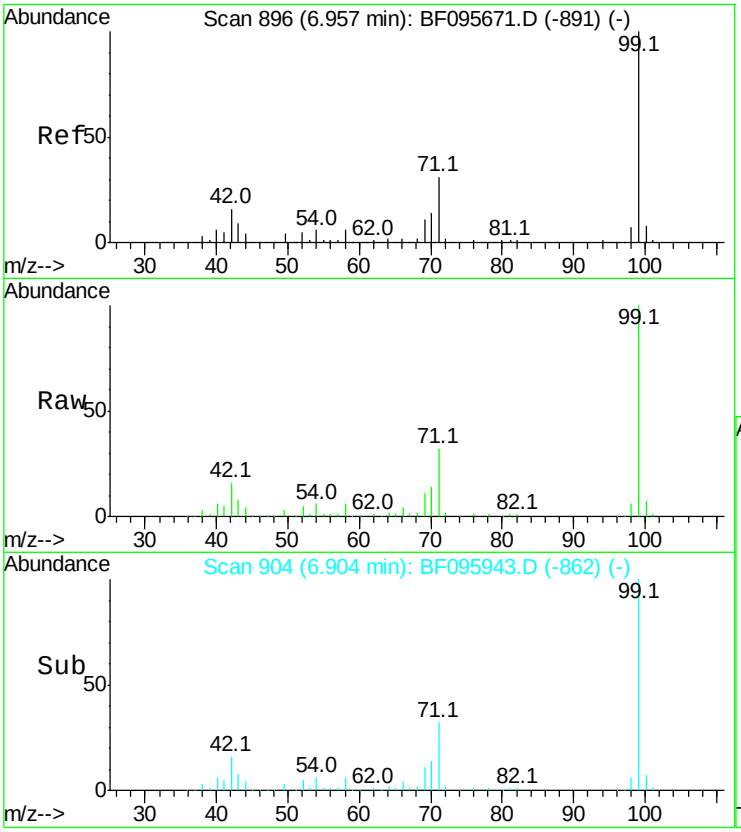


#5
2-Fluorophenol
Concen: 74.77 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:112 Resp: 325106

Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	28.5	23.4	35.0



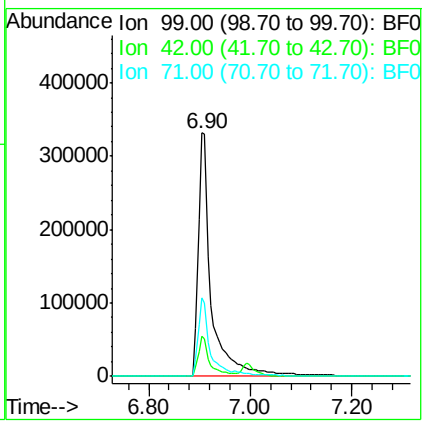


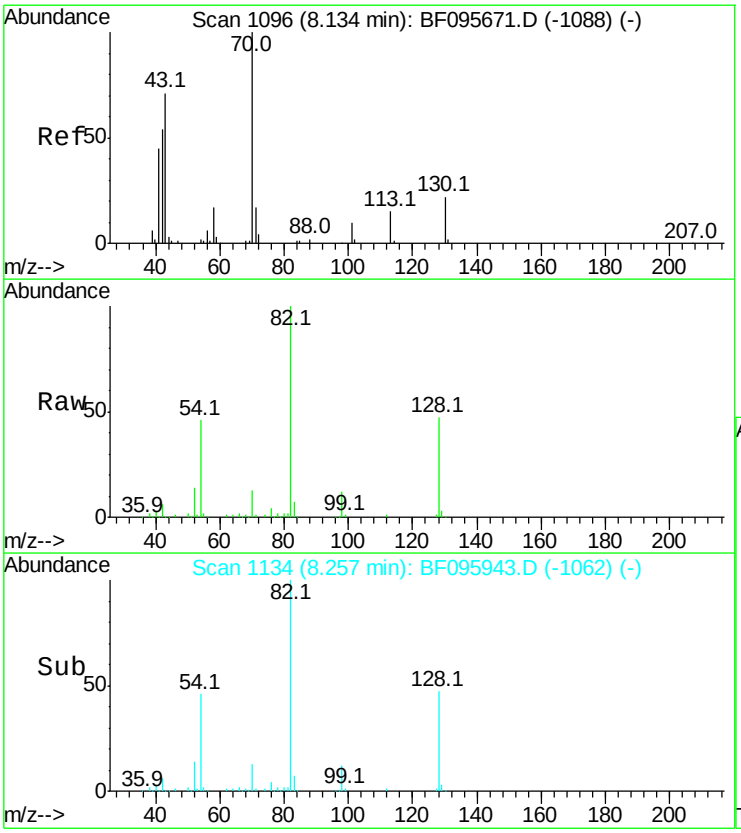
#7
Phenol-d6
Concen: 114.67 ng
RT: 6.90 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 596914

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.4	24.5	36.7

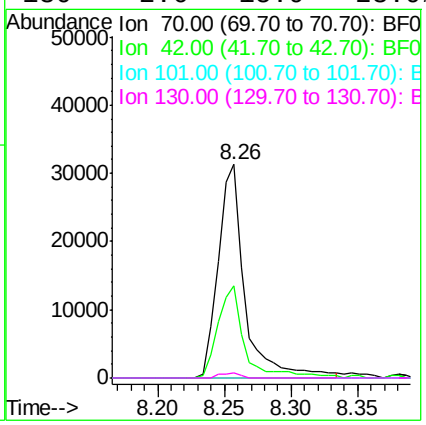


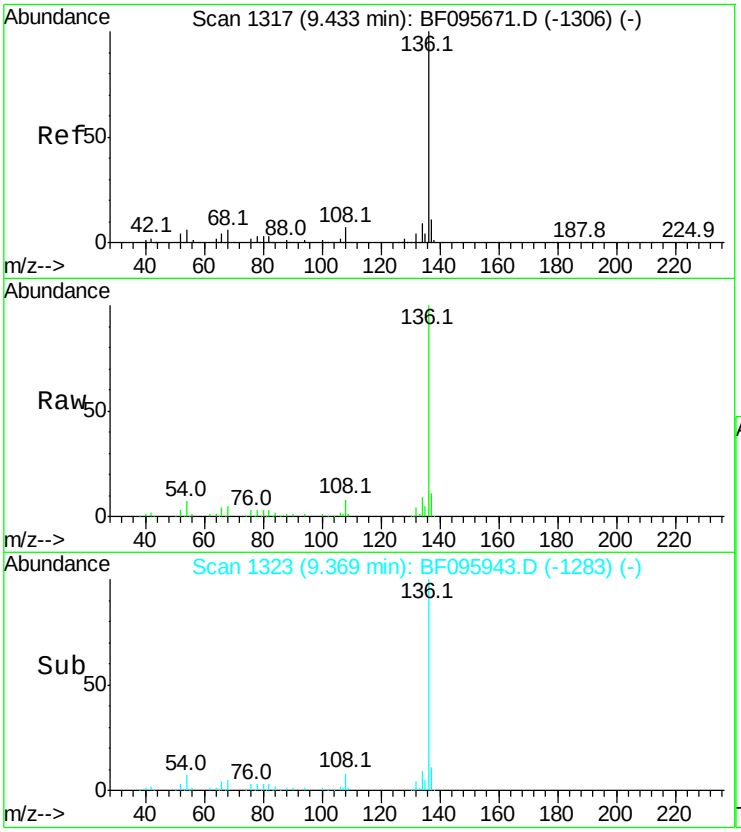


#19
n-Nitroso-di-n-propylamine
Concen: 13.36 ng
RT: 8.26 min Scan# 1134
Delta R.T. 0.12 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion: 70 Resp: 44083

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



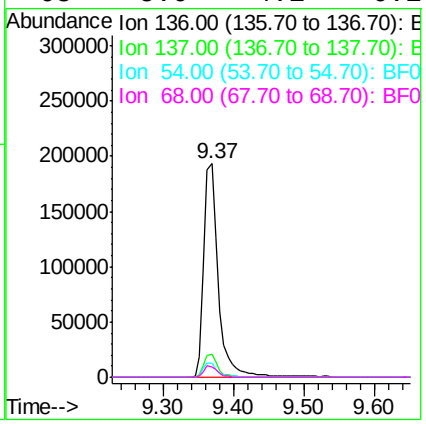


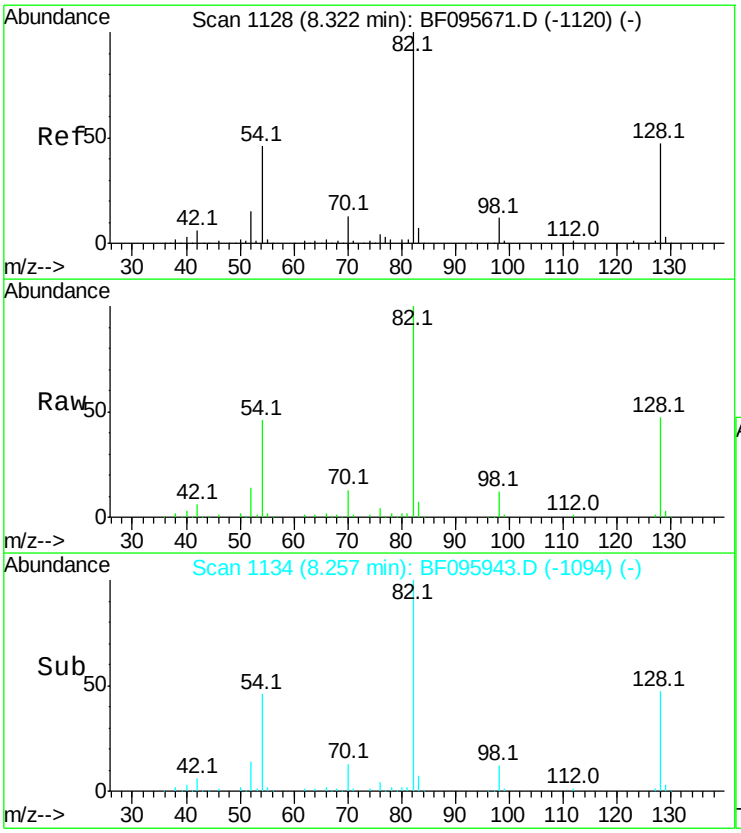
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 278793

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1

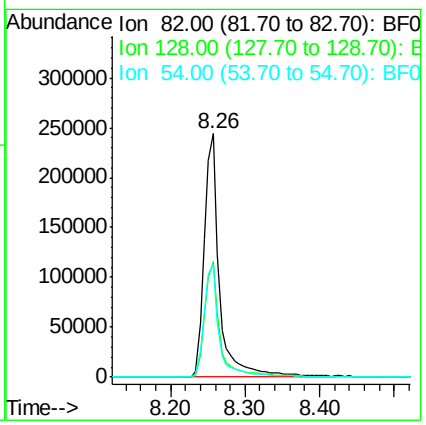


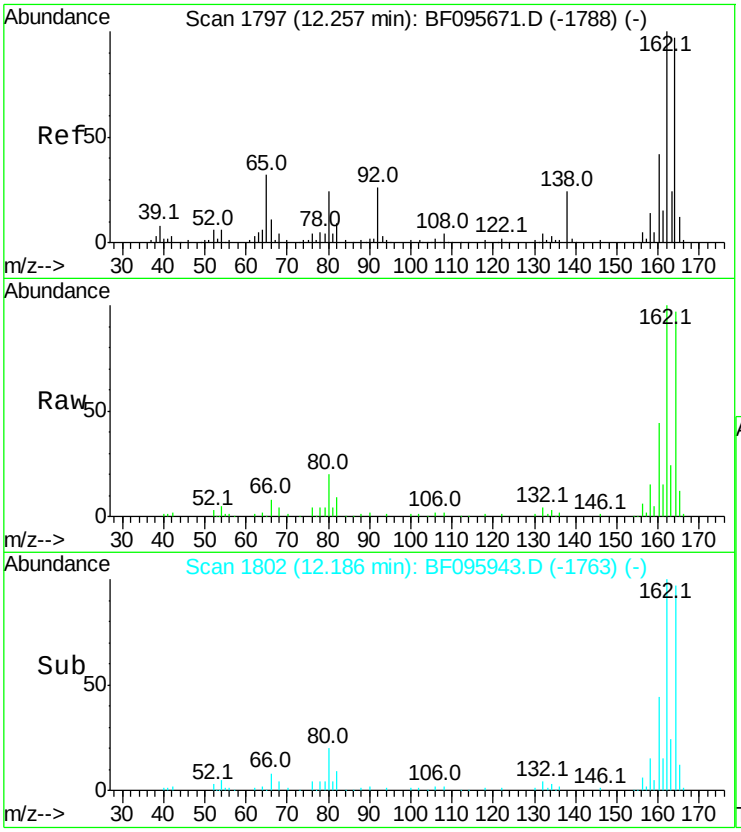


#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 8.26 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion: 82 Resp: 350465

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	46.5	42.2	63.2



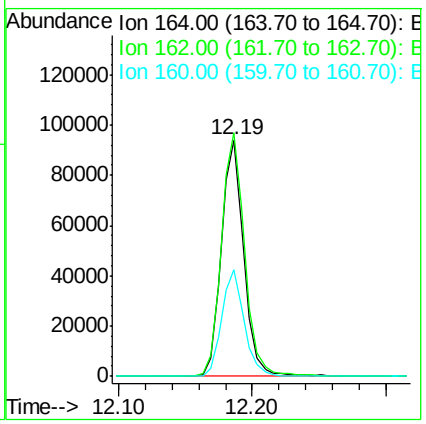


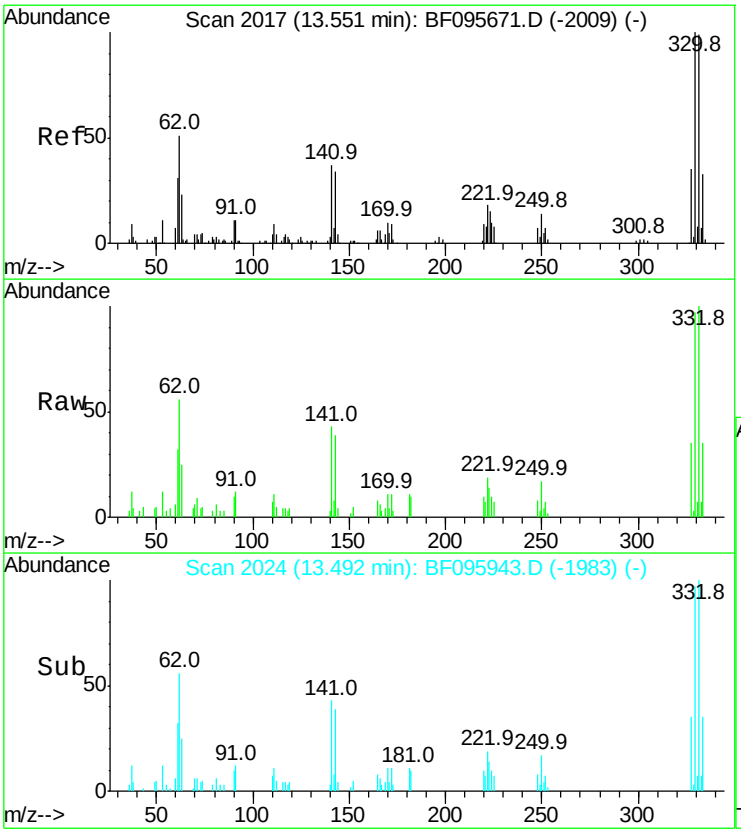
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 110822

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.1	36.2	54.2

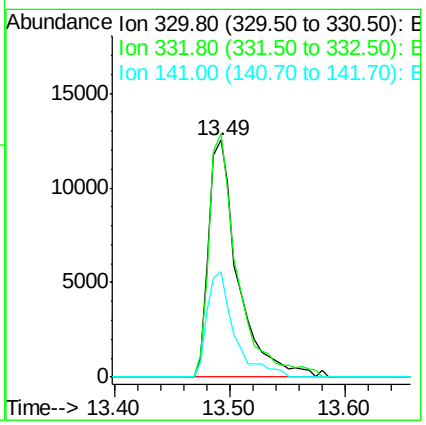


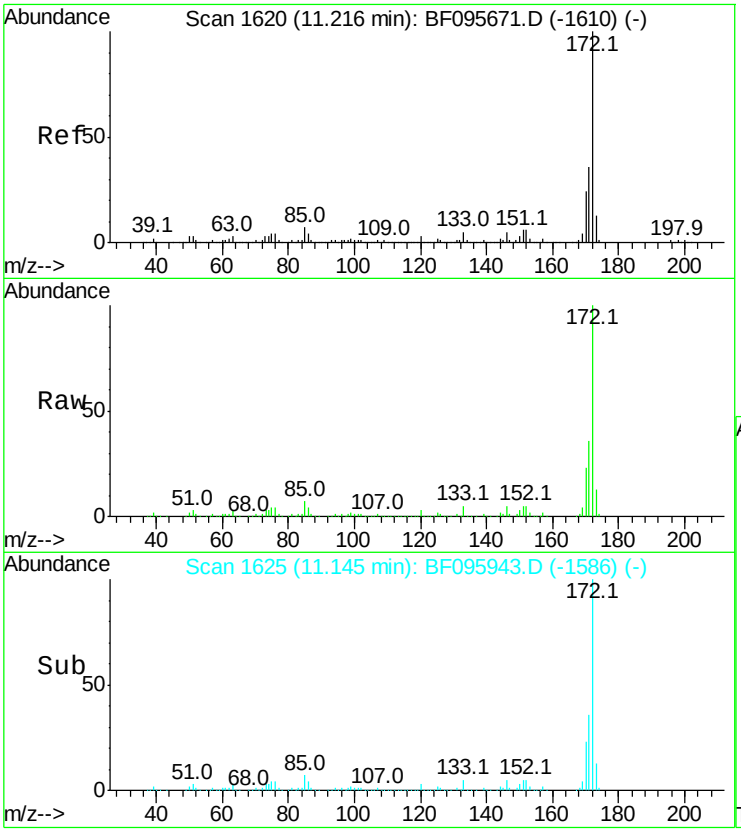


#41
2,4,6-Tribromophenol
Concen: 22.54 ng
RT: 13.49 min Scan# 2024
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:330 Resp: 22102

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.6	115.0
141	41.2	31.4	47.2



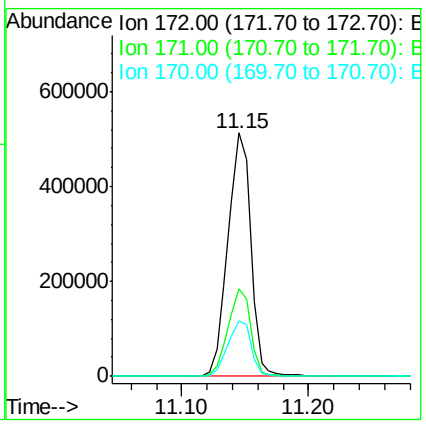


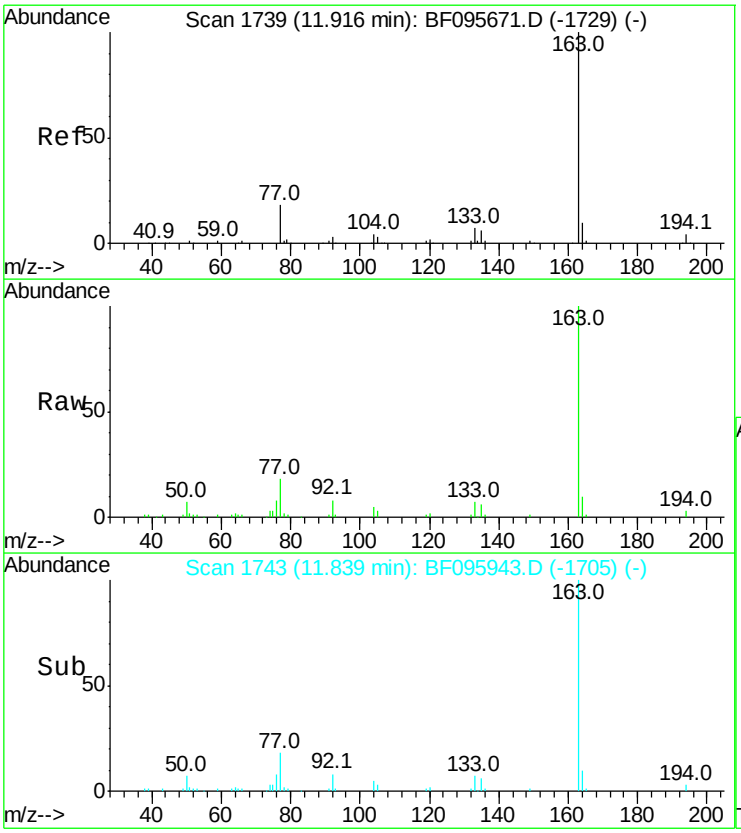
#44
2-Fluorobiphenyl
Concen: 80.38 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 640163

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	22.9	19.8	29.8

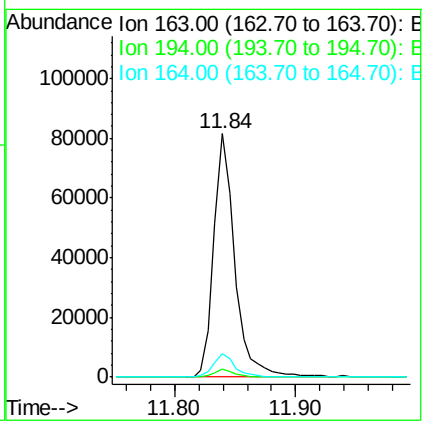


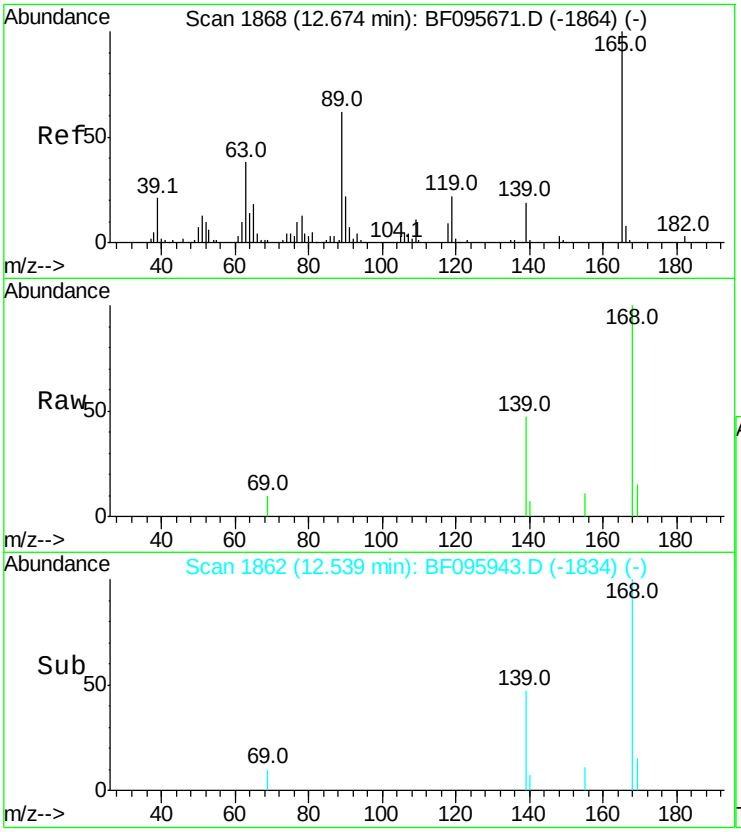


#49
Dimethylphthalate
Concen: 11.63 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:163 Resp: 97858

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



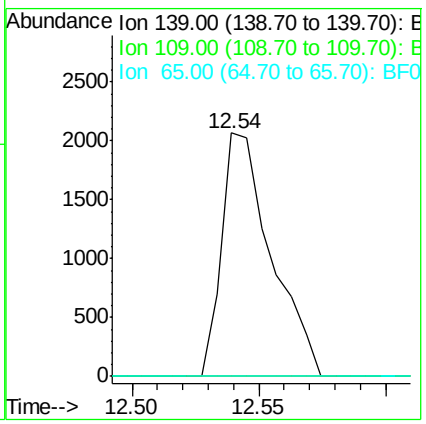


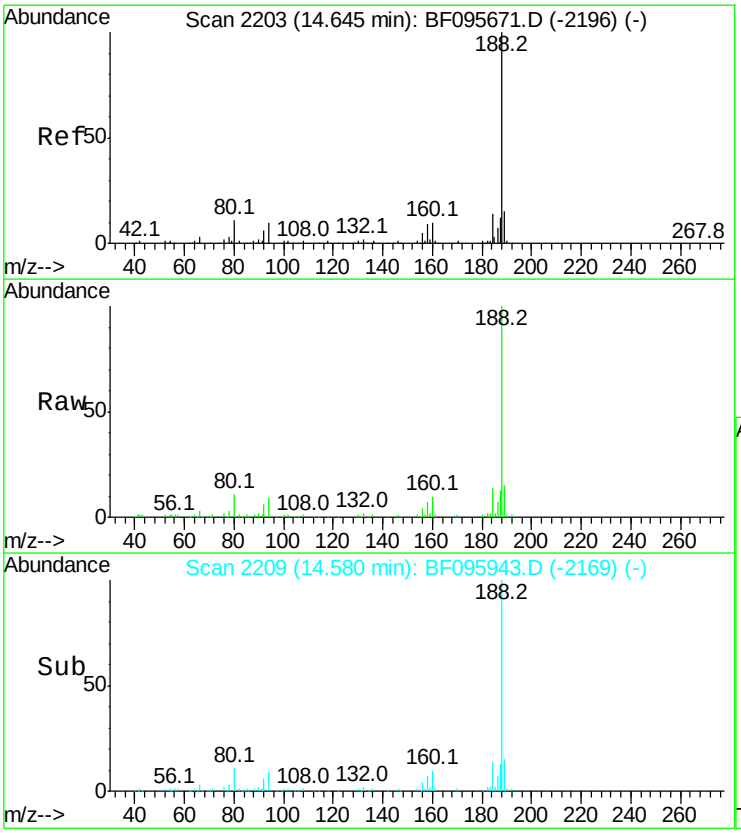
#55
4-Nitrophenol
Concen: 6.74 ng
RT: 12.54 min Scan# 1862
Delta R.T. -0.13 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2802

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

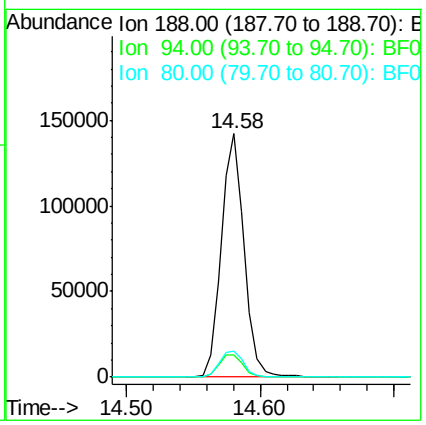


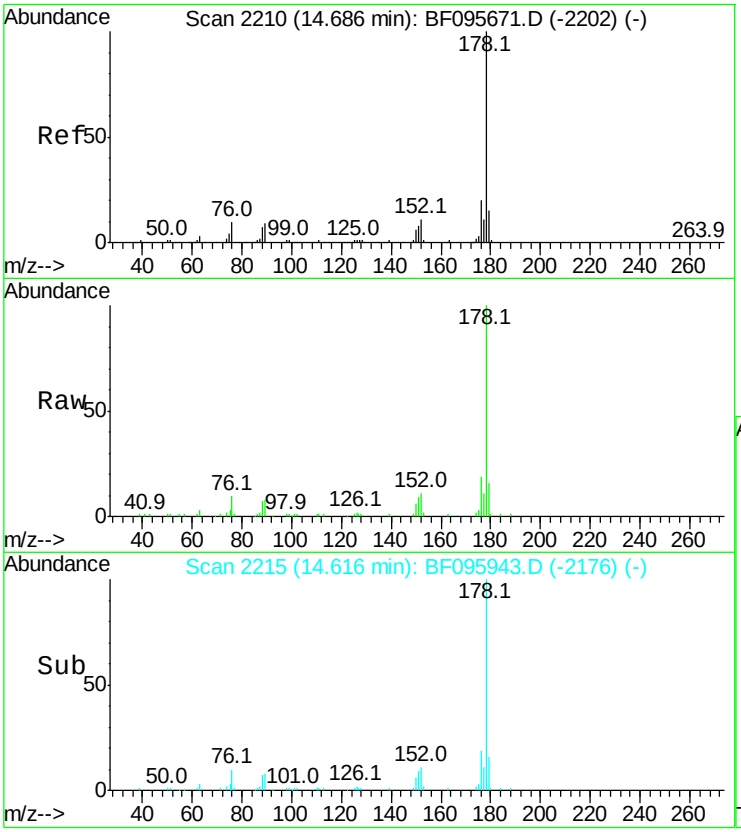


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:188 Resp: 170330

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.6	10.2	15.2



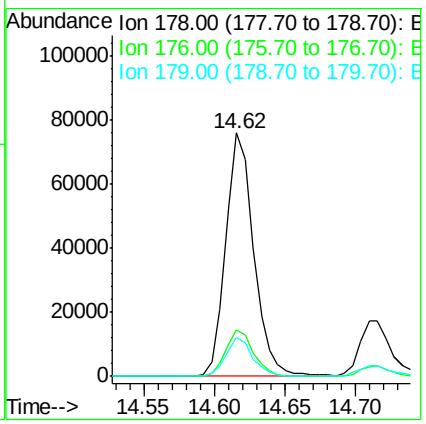


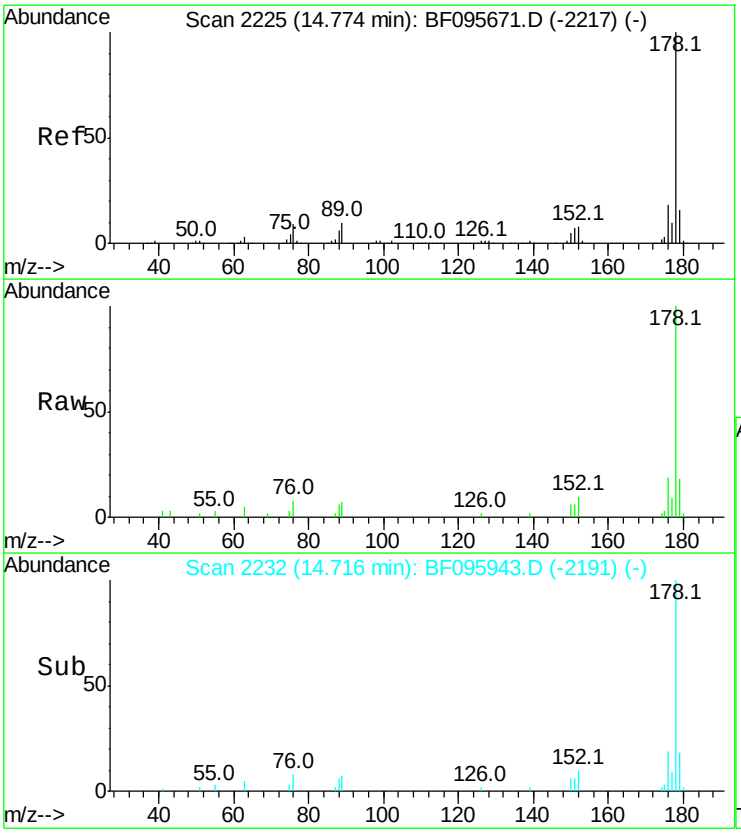
#70
Phenanthrene
Concen: 10.68 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 104921

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.1	12.6	19.0

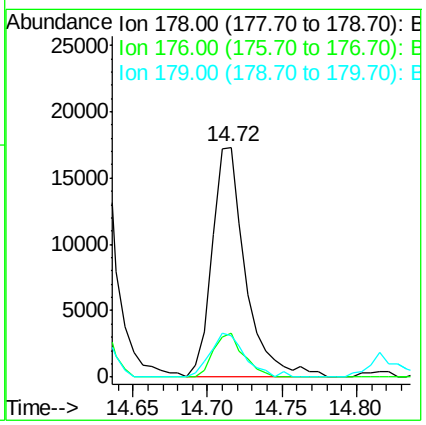


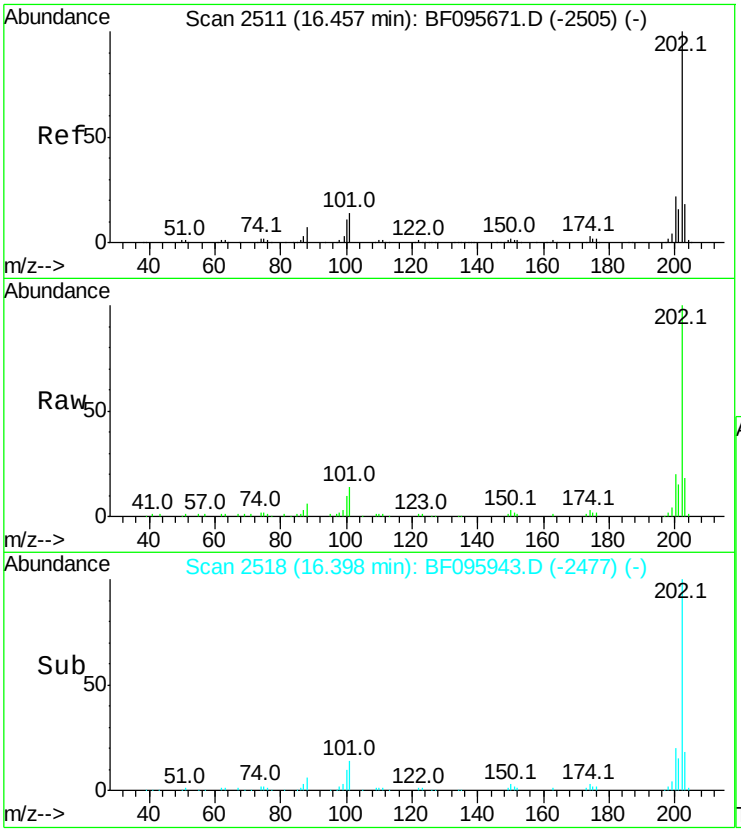


#71
Anthracene
Concen: 2.64 ng
RT: 14.72 min Scan# 2232
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:178 Resp: 27099

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	18.1	12.7	19.1



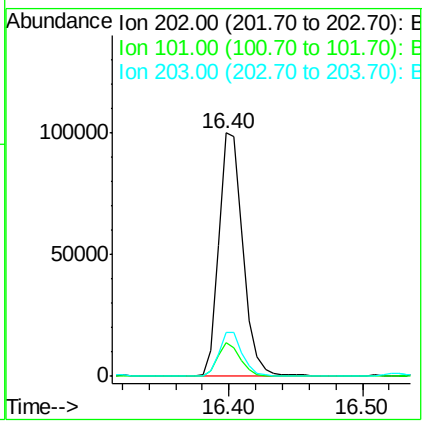


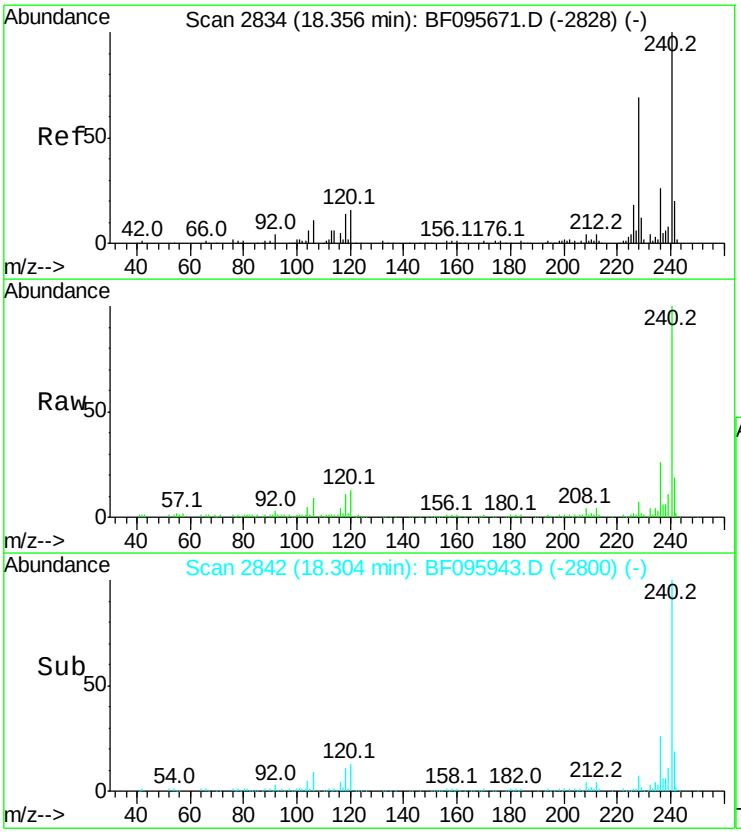
#74
Fluoranthene
Concen: 13.20 ng
RT: 16.40 min Scan# 2518
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 128380

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

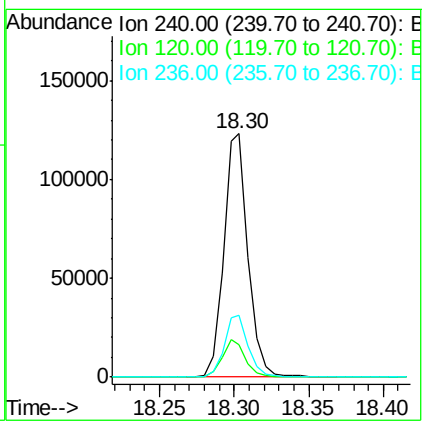


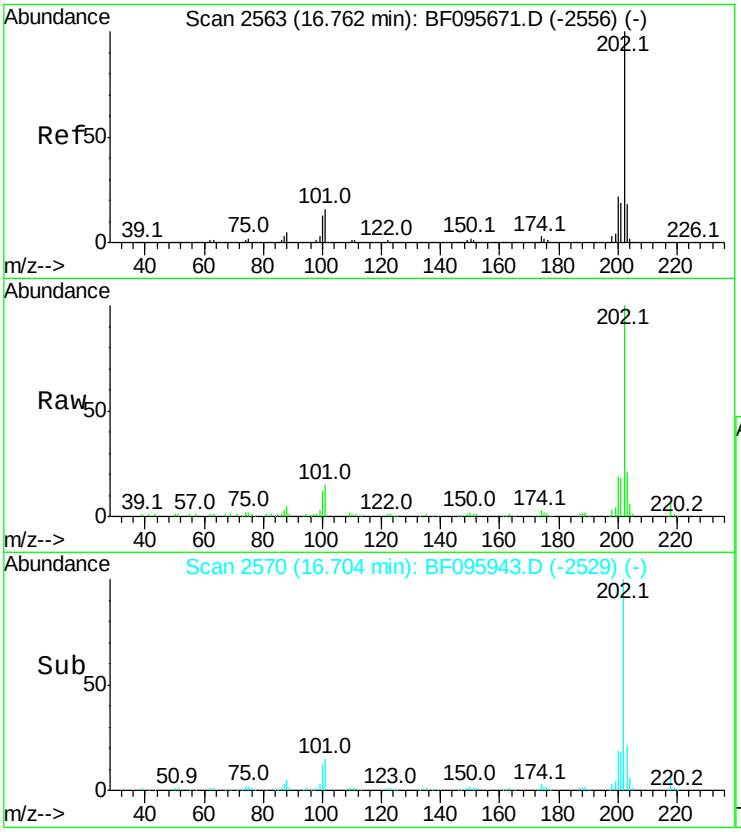


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:240 Resp: 139889

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.6	20.5	30.7



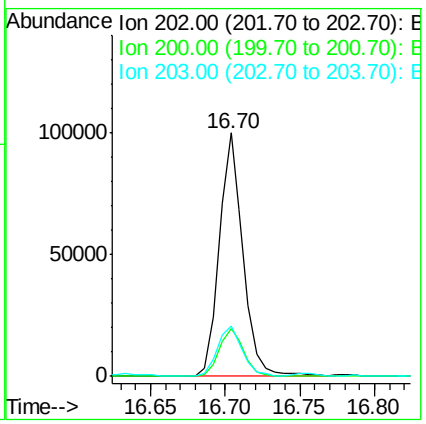


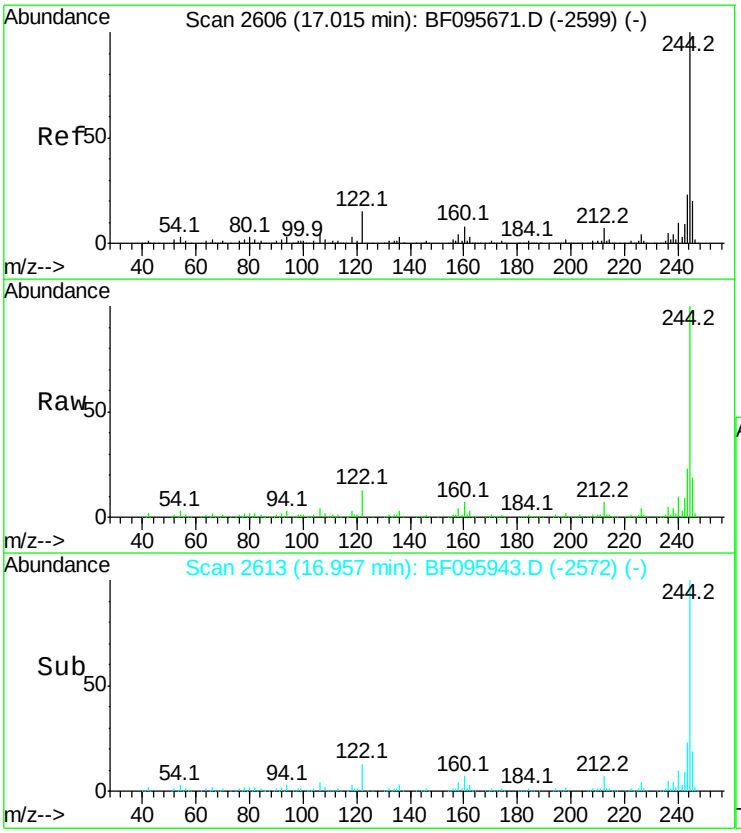
#77
Pyrene
Concen: 10.69 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 111600

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.6	26.4
203	20.6	14.4	21.6

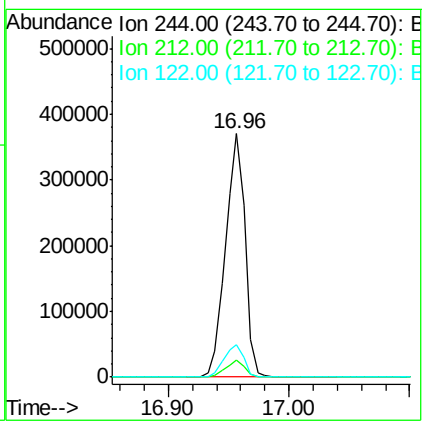


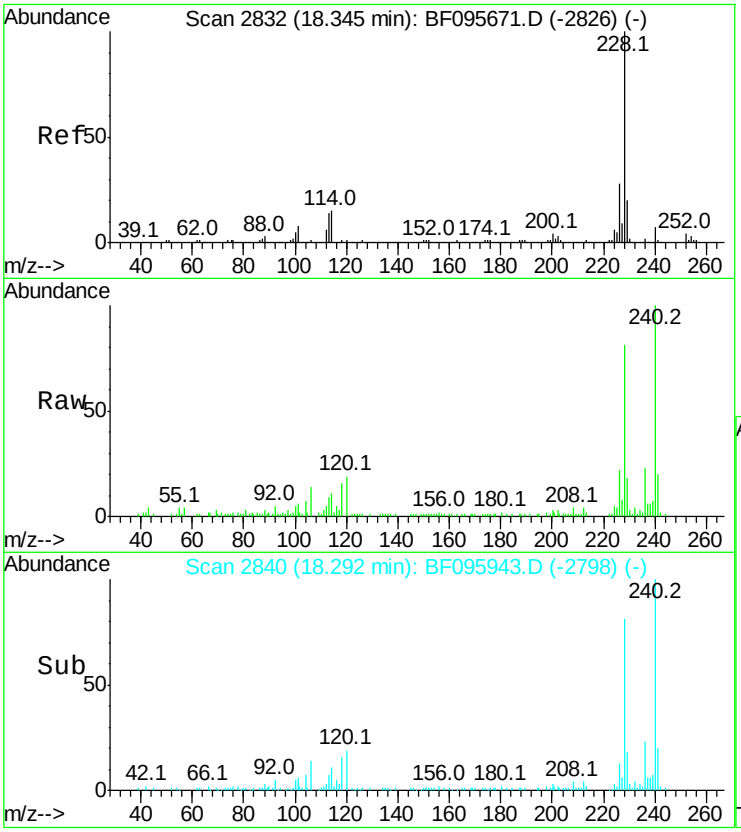


#78
Terphenyl-d14
Concen: 73.28 ng
RT: 16.96 min Scan# 2613
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:244 Resp: 413076

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5



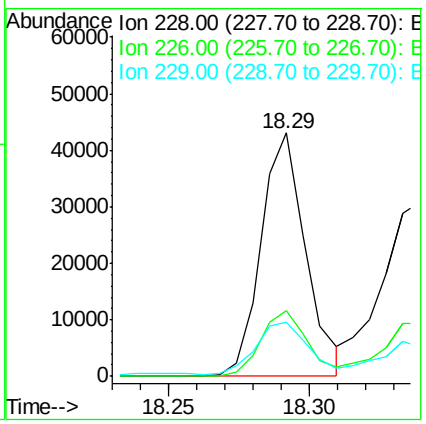


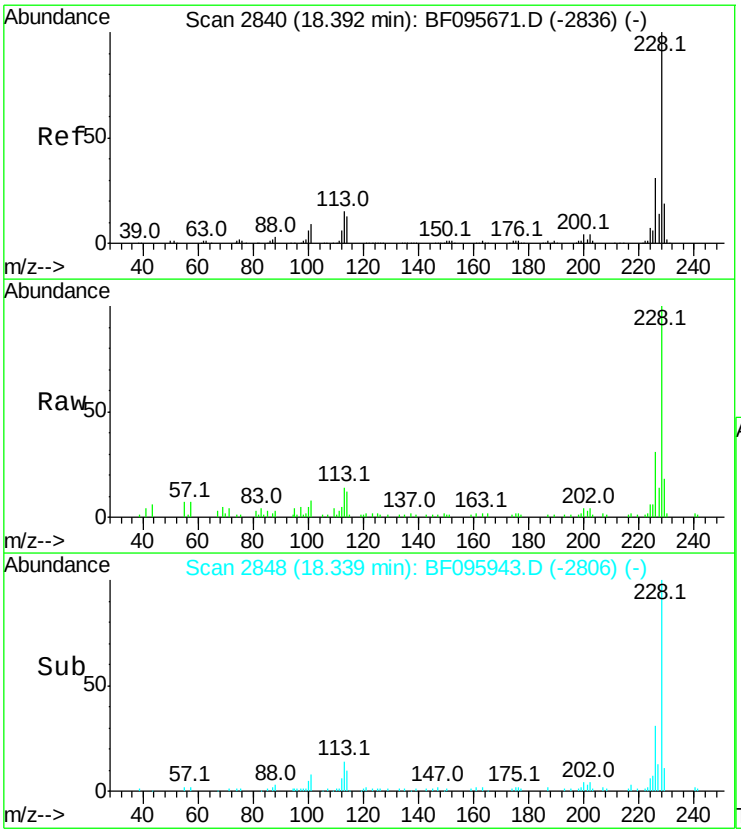
#80
Benzo(a)anthracene
Concen: 5.81 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47285

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	22.3	16.3	24.5

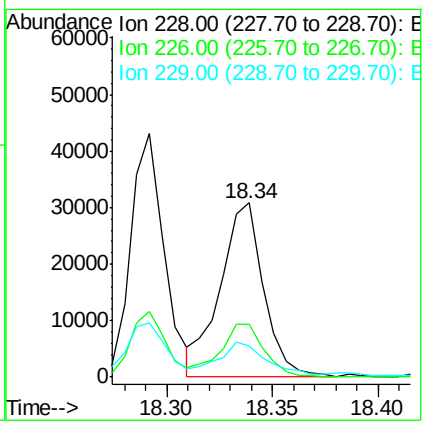


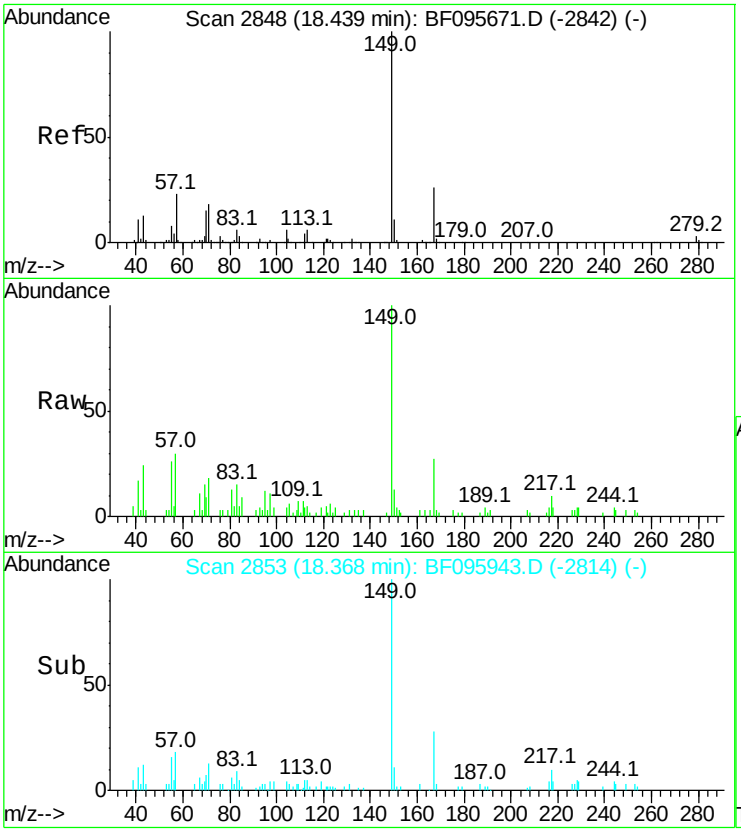


#82
Chrysene
Concen: 5.42 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:228 Resp: 44020

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	17.9	15.8	23.6



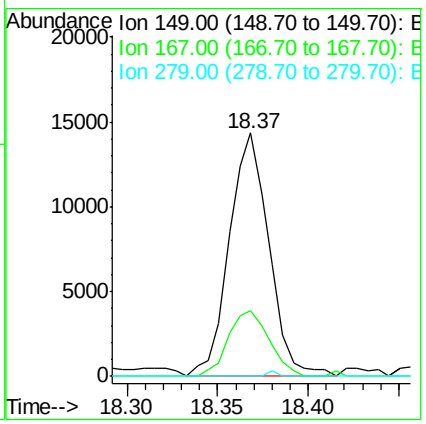


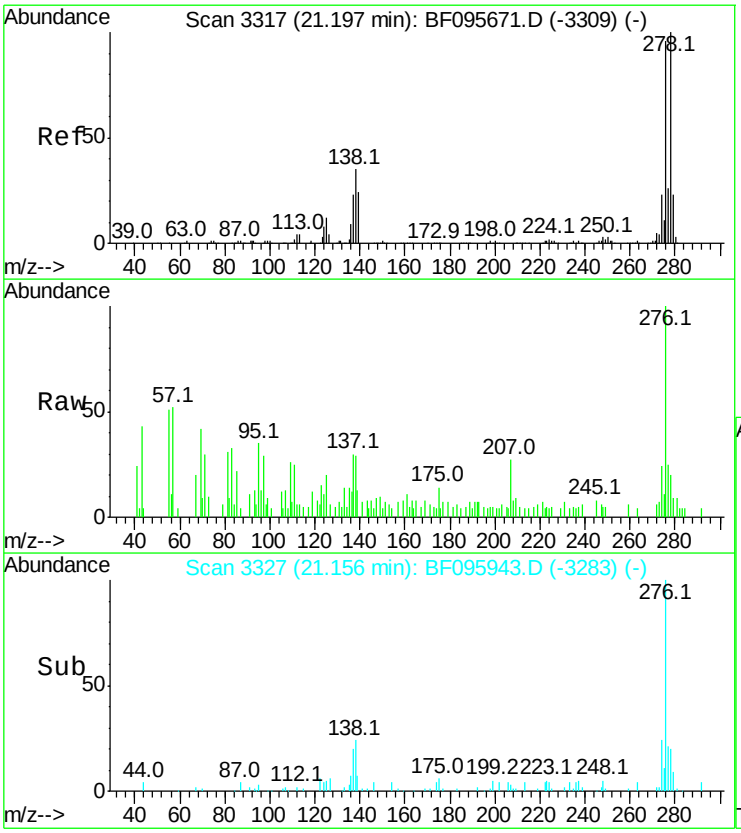
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.39 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21818

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	0.0	1.9	2.9#

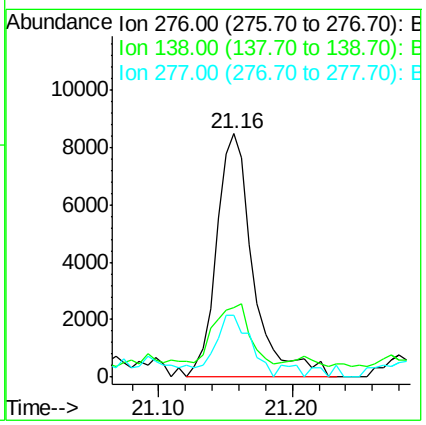


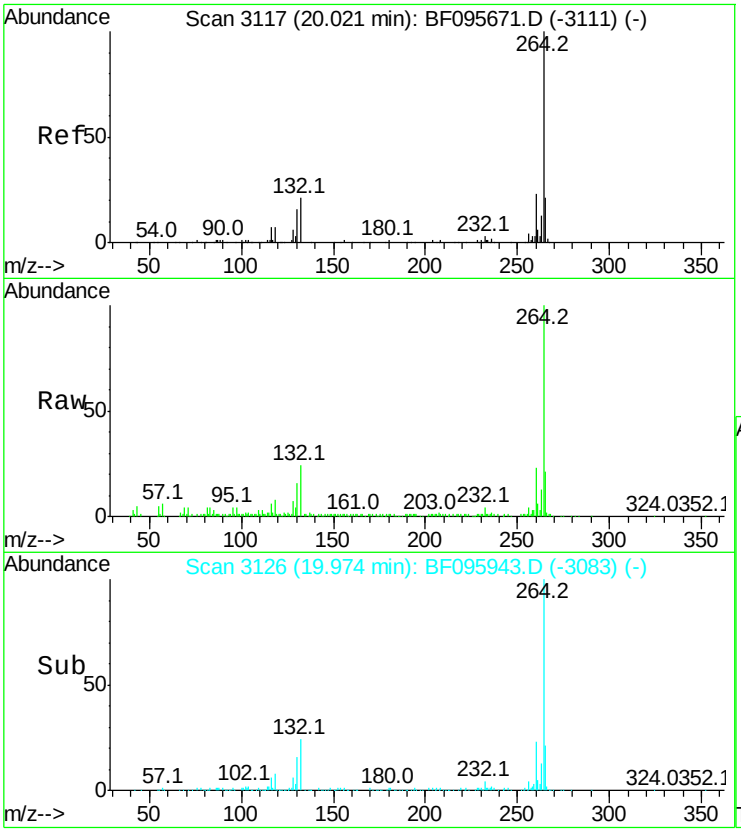


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:276 Resp: 16242

Ion	Ratio	Lower	Upper
276	100		
138	25.5	27.8	41.6#
277	24.2	20.2	30.4



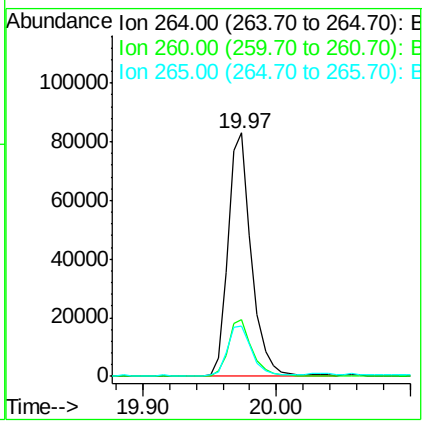


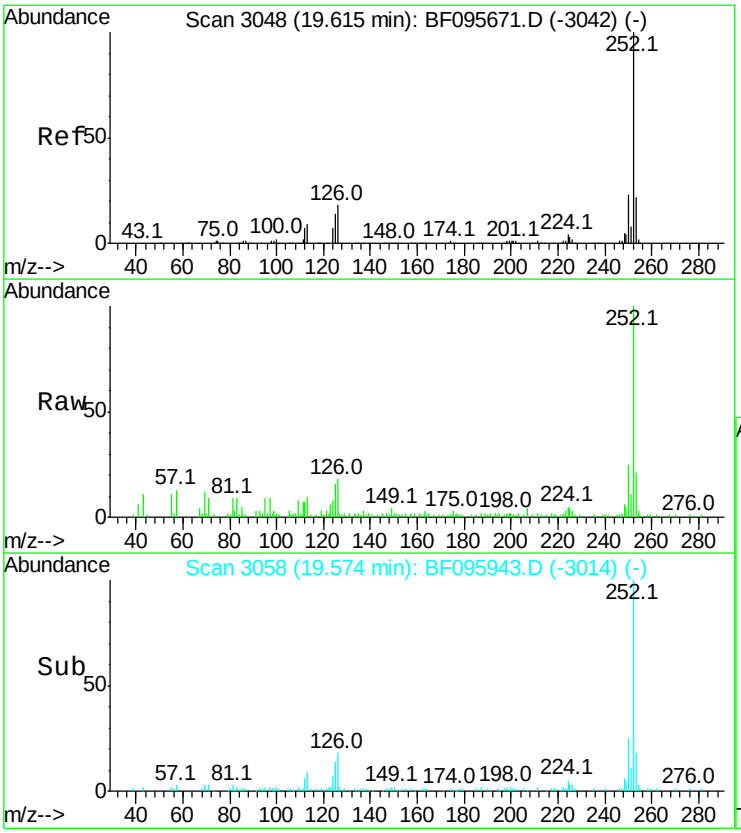
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 102215

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.6	17.2	25.8

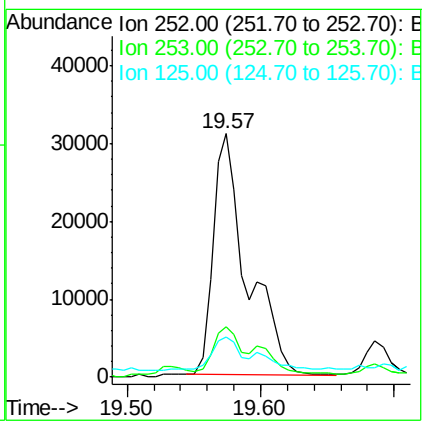


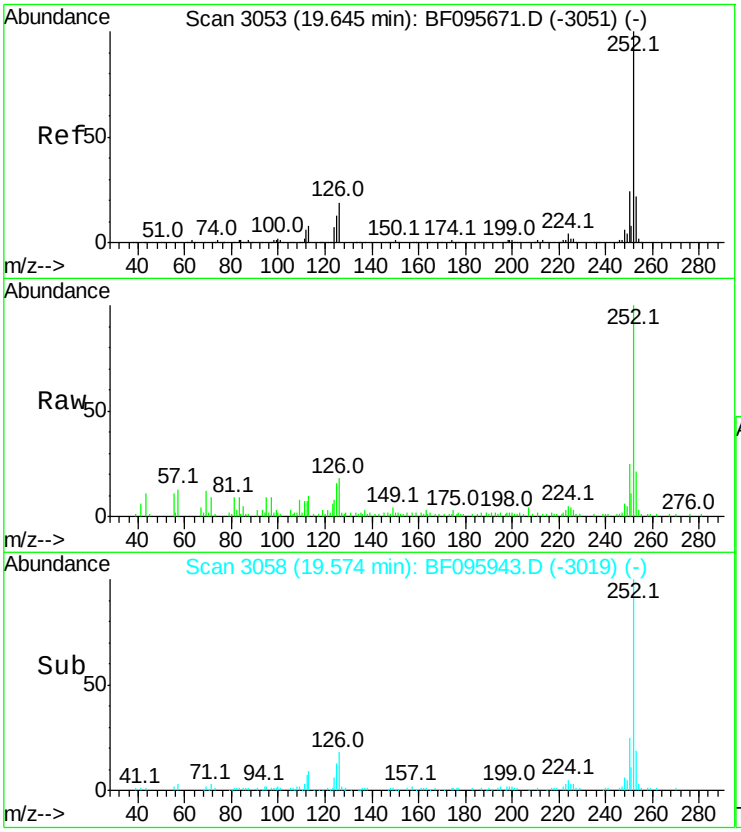


#87
Benzo(b)fluoranthene
Concen: 8.60 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.04 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:252 Resp: 55066

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	16.3	9.8	14.8#



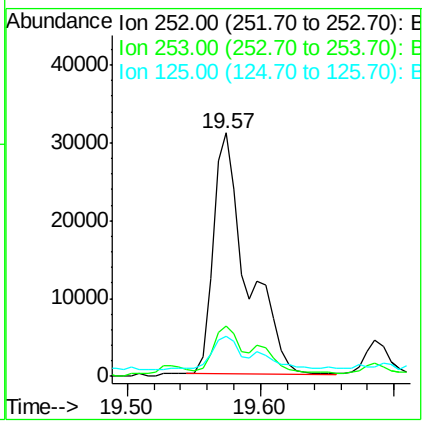


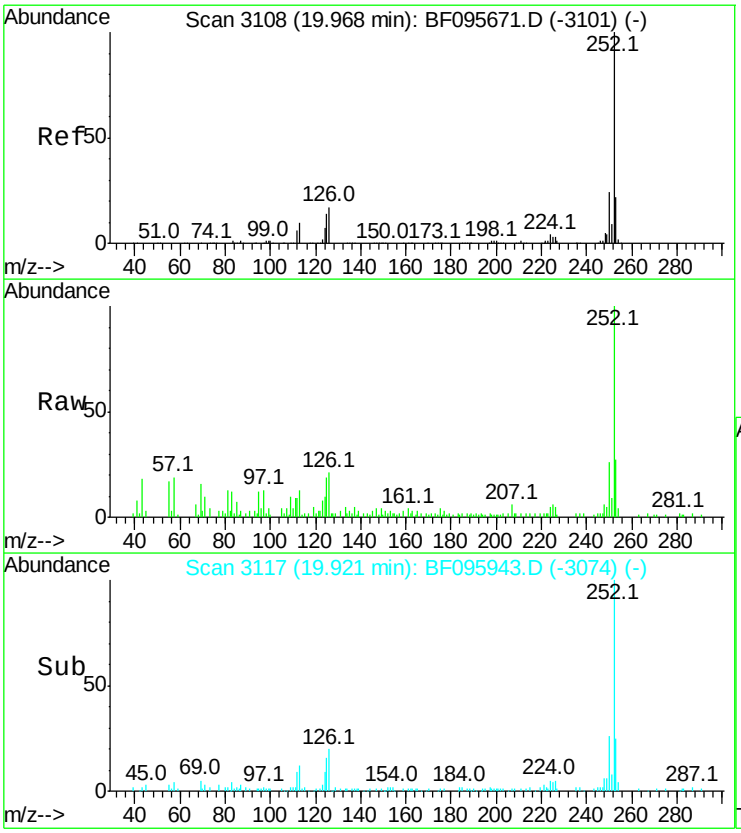
#88
Benzo(k)fluoranthene
Concen: 9.00 ng
RT: 19.57 min Scan# 3058
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55066

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	16.3	13.1	19.7

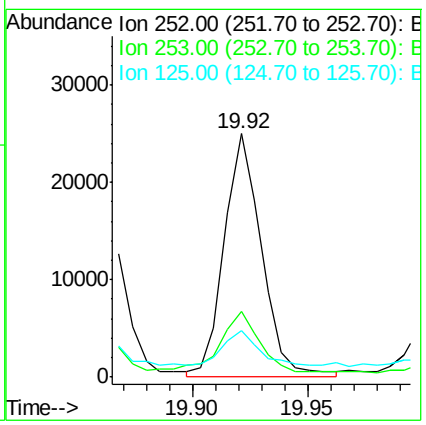


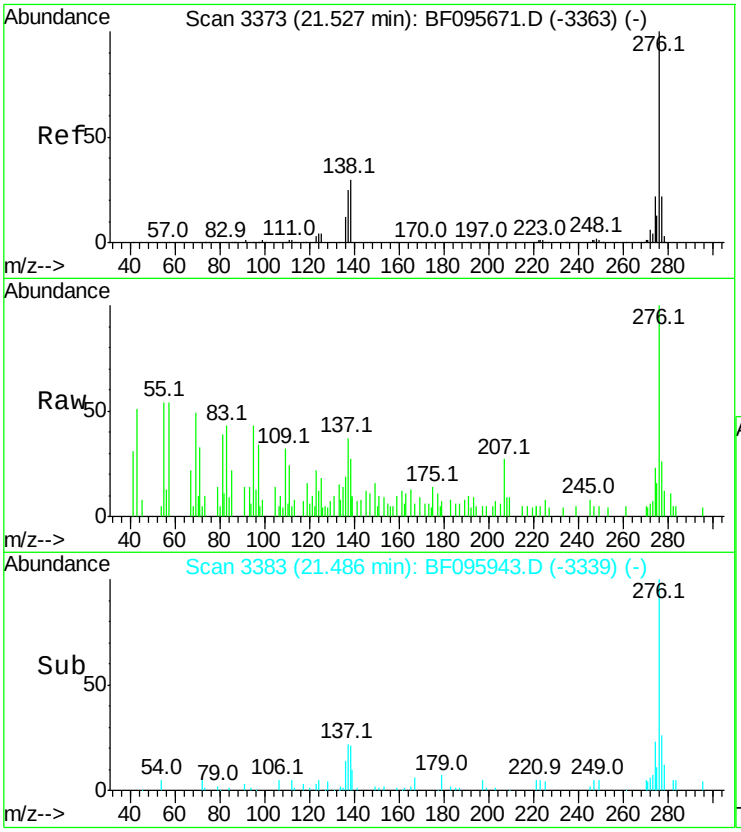


#89
Benzo(a)pyrene
Concen: 4.80 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion:252 Resp: 28266

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	19.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 21.49 min Scan# 3383
Delta R.T. -0.04 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14430

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	36.2	25.4	38.0