Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095942.D
Acq On : 15 Jun 2017 1:41
Operator : SJ/MA
Sample : I3664-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 03:59:16 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	66930	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	260261	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	107321	20.00	ng		-0.07
63) Phenanthrene-d10	14.58	188	164793	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	136080	20.00	ng		-0.05
86) Perylene-d12	19.97	264	96640	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	387514	92.26	ng		-0.05
7) Phenol-d6	6.90	99	599455	119.21	ng		-0.05
23) Nitrobenzene-d5	8.26	82	343352	81.93	ng		-0.06
41) 2,4,6-Tribromophenol	13.49	330	50427	53.11	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	633271	82.11	ng		-0.07
78) Terphenyl-d14	16.96	244	419037	76.42	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.26	70	42596	13.37	ng	#	75
49) Dimethylphthalate	11.84	163	99520	12.21	ng		98
51) Acenaphthene	12.24	154	16063	2.35	ng		94
55) 4-Nitrophenol	12.54	139	4349	8.02	ng	#	25
70) Phenanthrene	14.62	178	162359	17.08	ng		96
71) Anthracene	14.71	178	41226	4.15	ng		94
74) Fluoranthene	16.40	202	188400	20.02	ng		98
77) Pyrene	16.70	202	159587	15.72	ng	#	96
80) Benzo(a)anthracene	18.29	228	67570	8.54	ng		96
82) Chrysene	18.33	228	60391	7.64	ng		96
83) Bis(2-ethylhexyl)phthalate	18.36	149	34082	5.45	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.15	276	21379	3.16	ng		89
87) Benzo(b)fluoranthene	19.57	252	59264	9.79	ng	#	96
88) Benzo(k)fluoranthene	19.57	252	59264	10.25	ng		99
89) Benzo(a)pyrene	19.92	252	38290	6.88	ng	#	90
91) Benzo(g,h,i)perylene	21.49	276	19828	4.12	ng		94

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

Quantitation Report (Not Reviewed)

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Misc :
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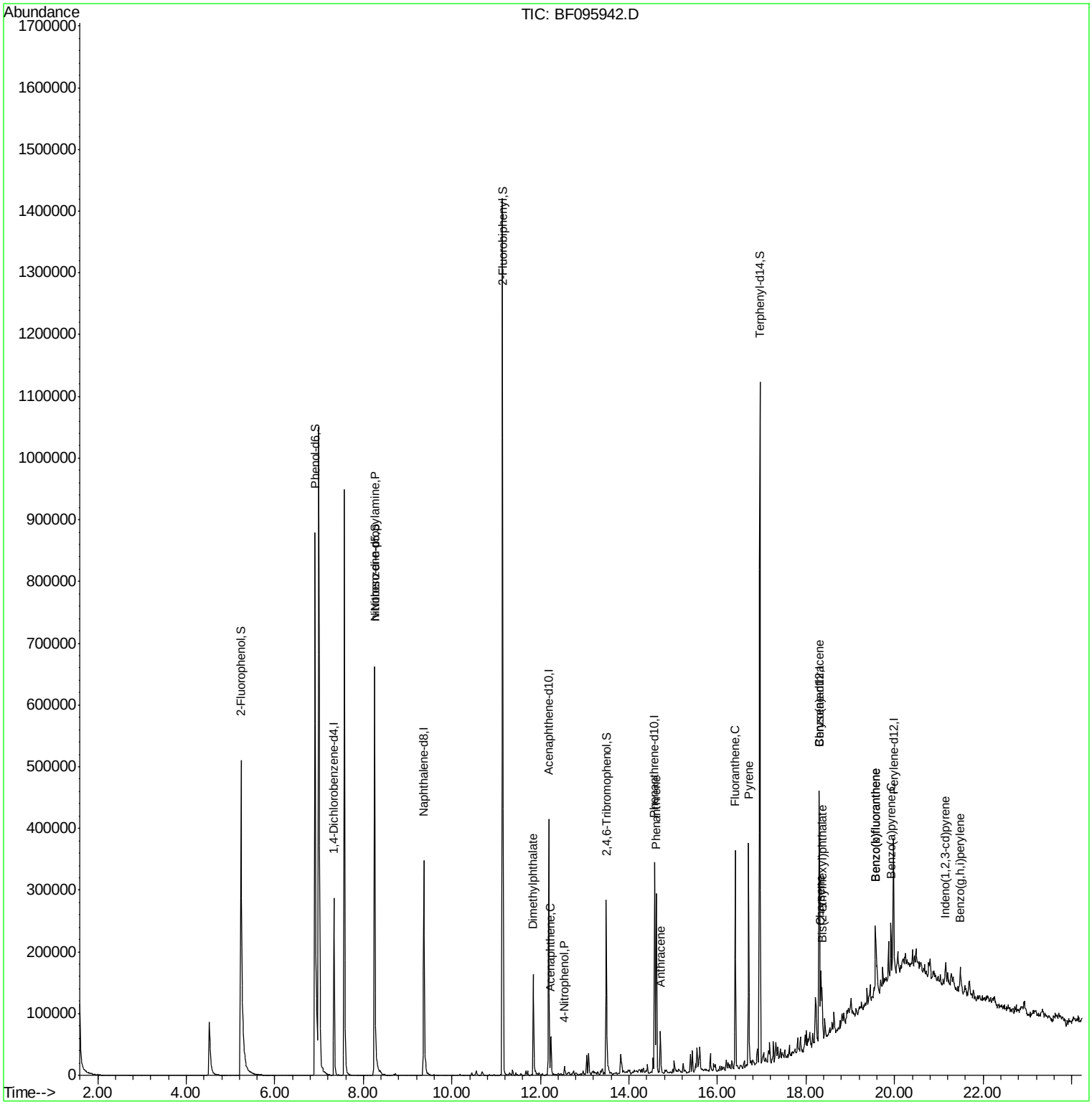
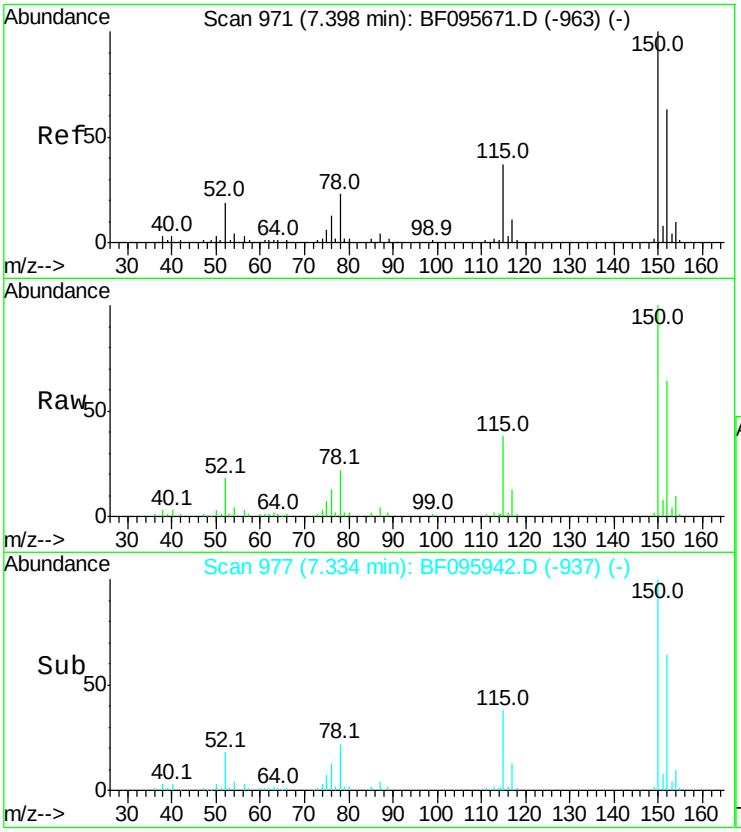


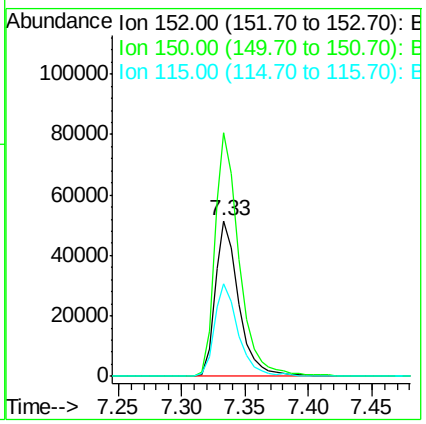


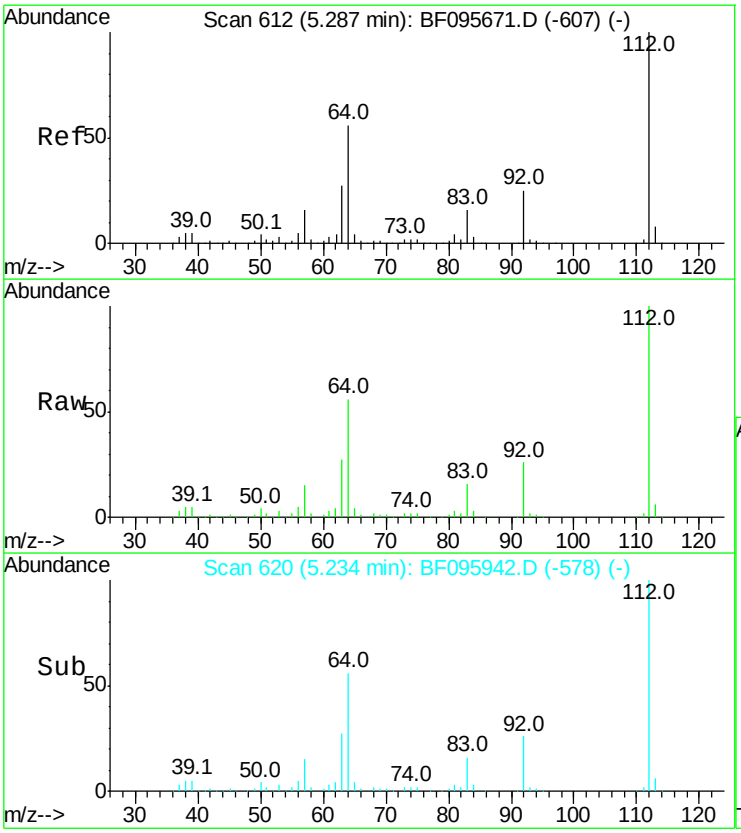
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66930

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	59.3	52.2	78.2

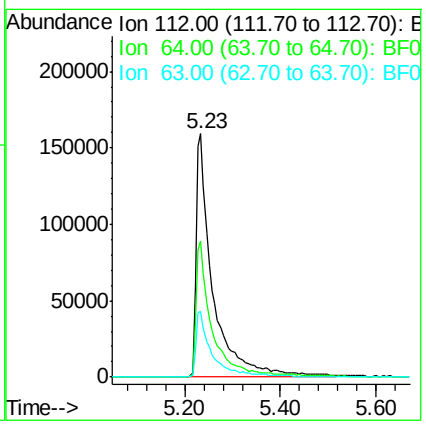


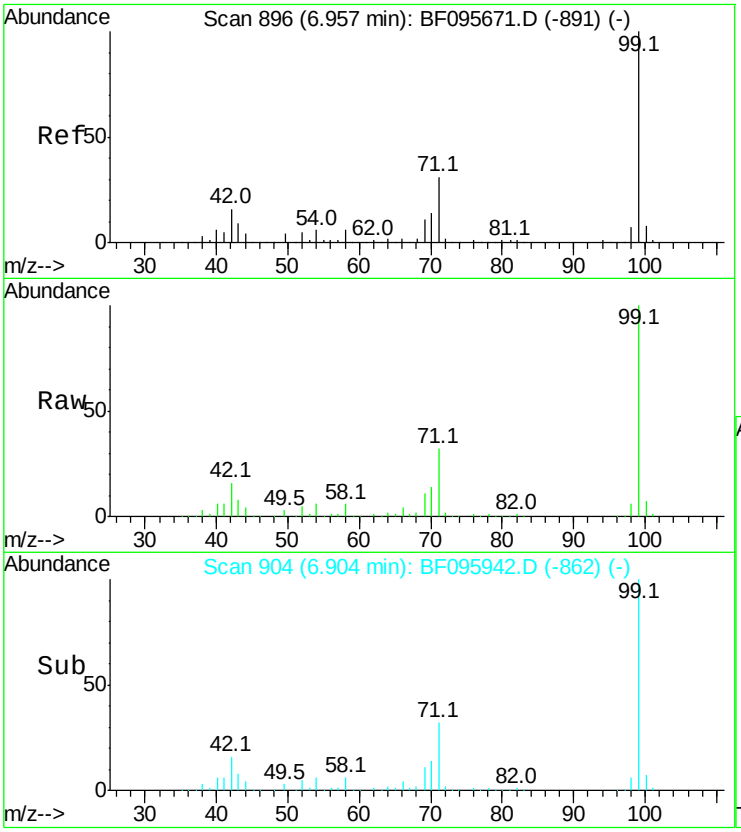


#5
2-Fluorophenol
Concen: 92.26 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:112 Resp: 387514

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	26.8	23.4	35.0



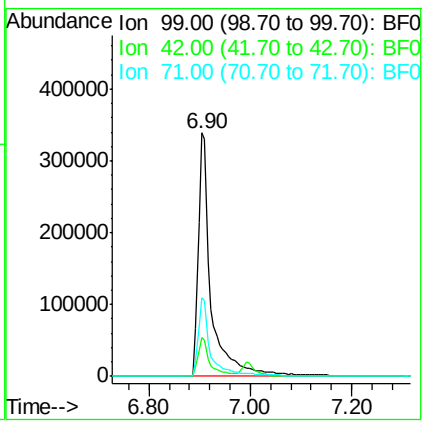


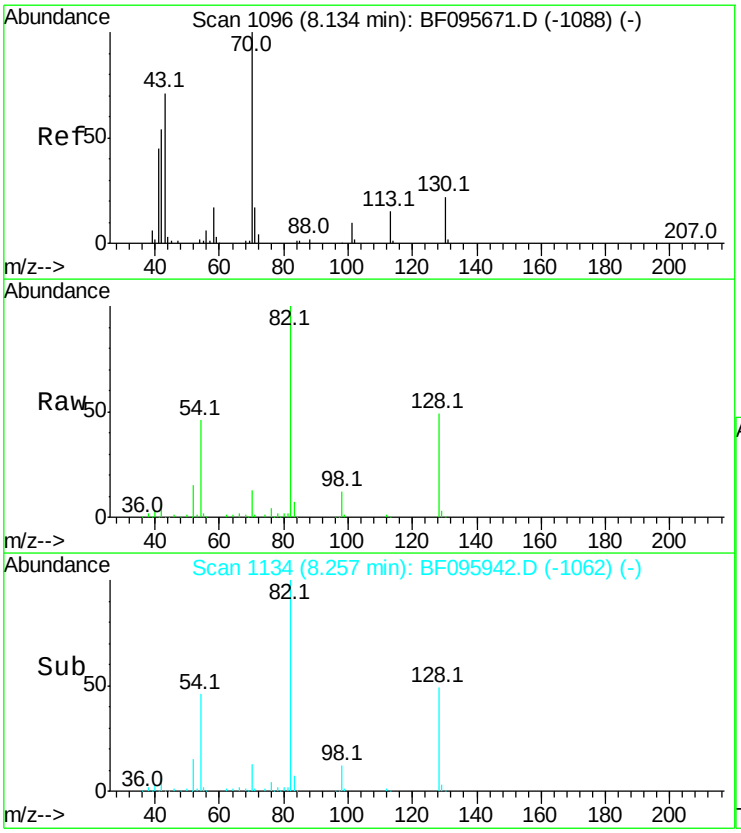
#7
Phenol-d6
Concen: 119.21 ng
RT: 6.90 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 599455

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.0	24.5	36.7

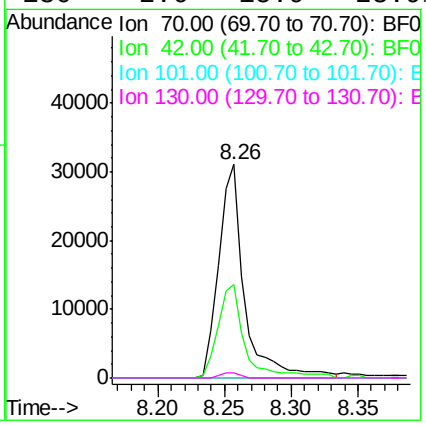


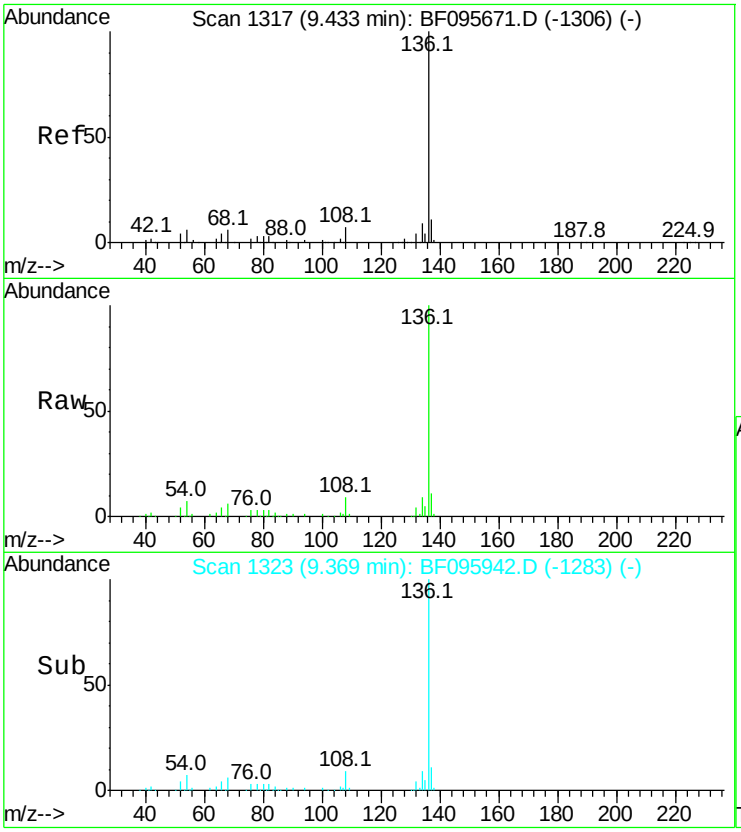


#19
n-Nitroso-di-n-propylamine
Concen: 13.37 ng
RT: 8.26 min Scan# 1134
Delta R.T. 0.12 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion: 70 Resp: 42596

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



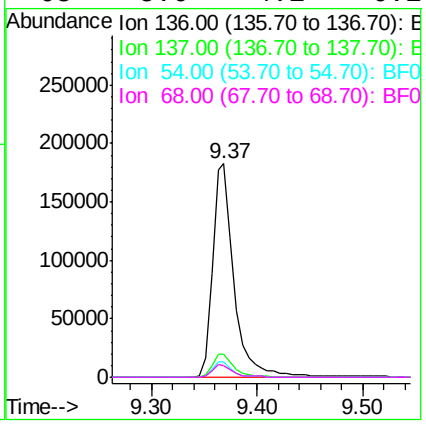


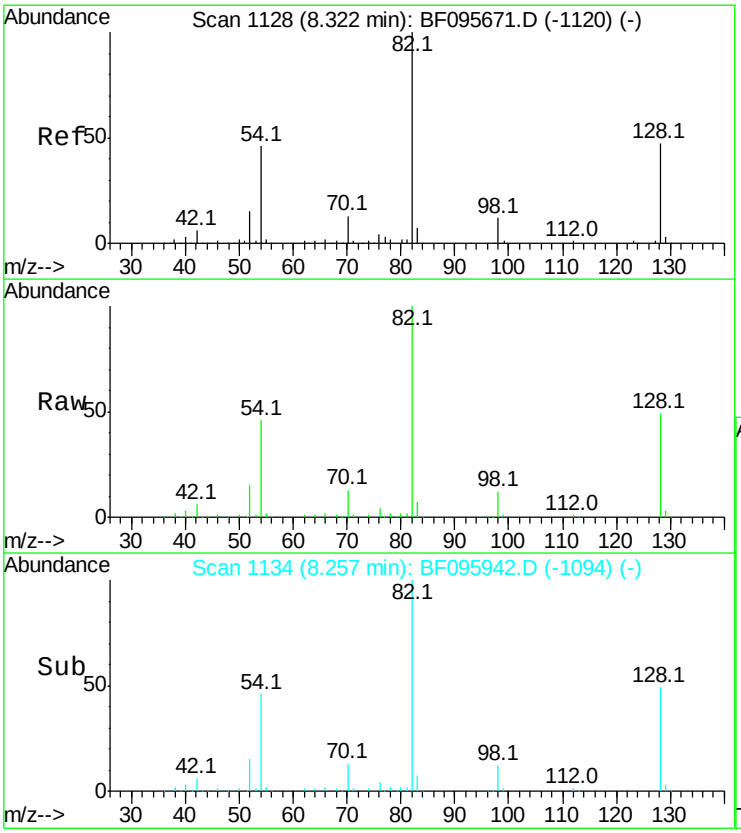
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 260261

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1

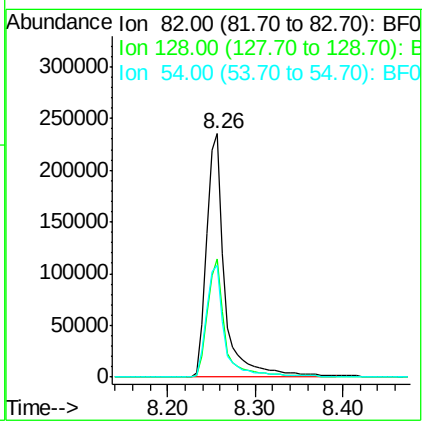


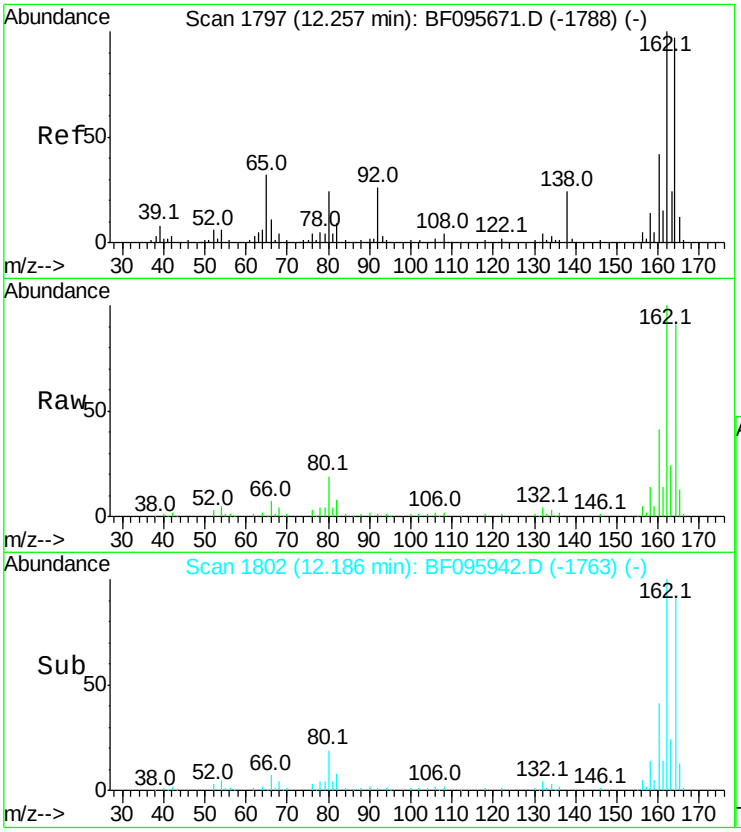


#23
Nitrobenzene-d5
Concen: 81.93 ng
RT: 8.26 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion: 82 Resp: 343352

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	45.7	42.2	63.2



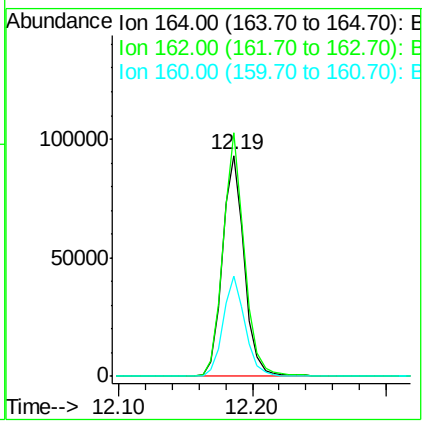


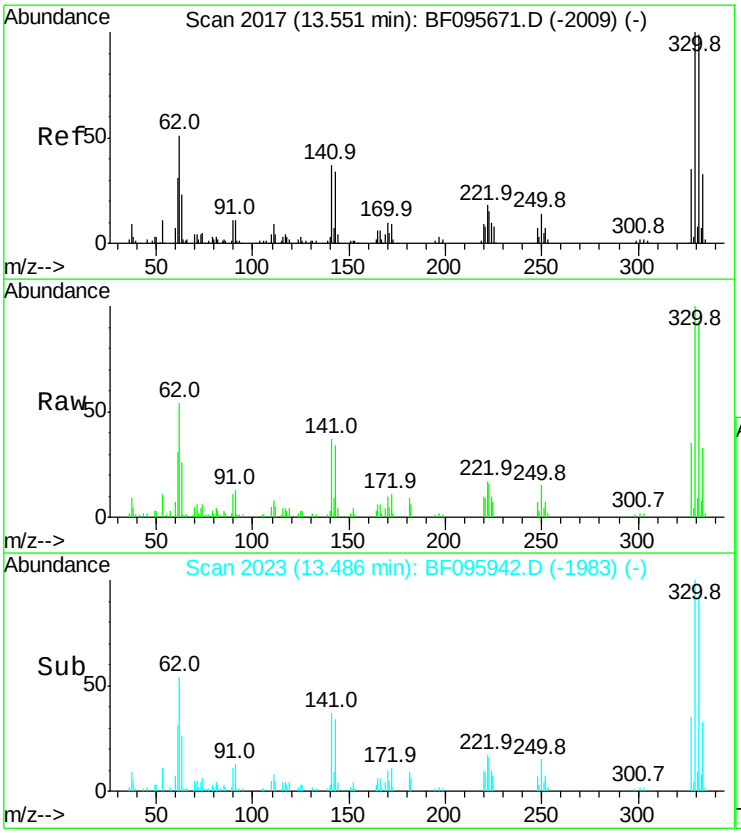
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 107321

Ion	Ratio	Lower	Upper
164	100		
162	110.3	82.6	123.8
160	45.4	36.2	54.2

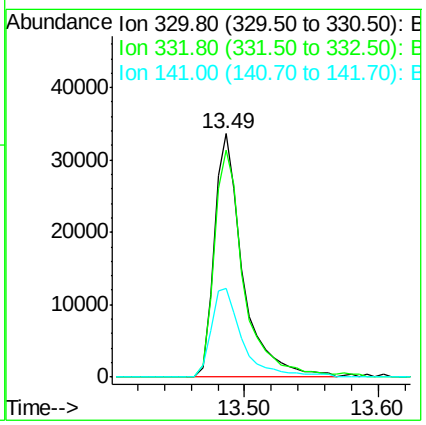


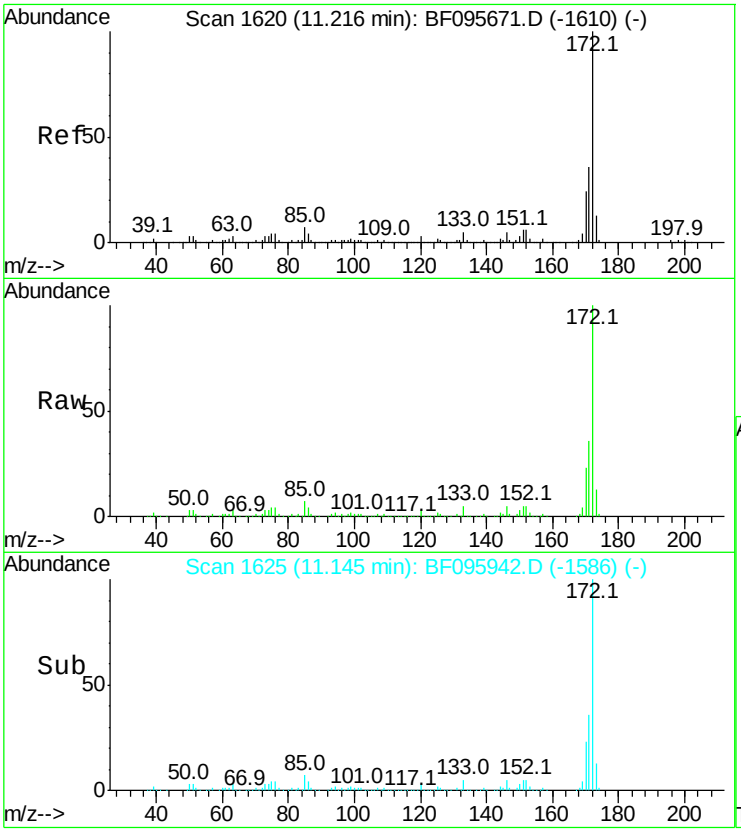


#41
2,4,6-Tribromophenol
Concen: 53.11 ng
RT: 13.49 min Scan# 2023
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:330 Resp: 50427

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.0	31.4	47.2



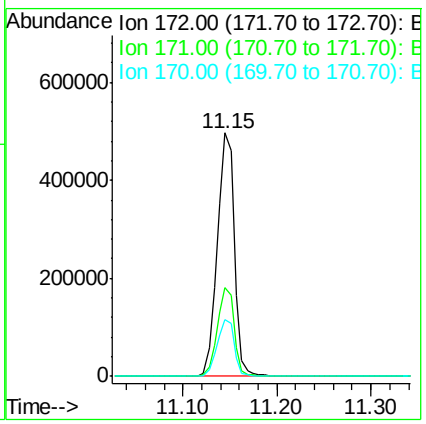


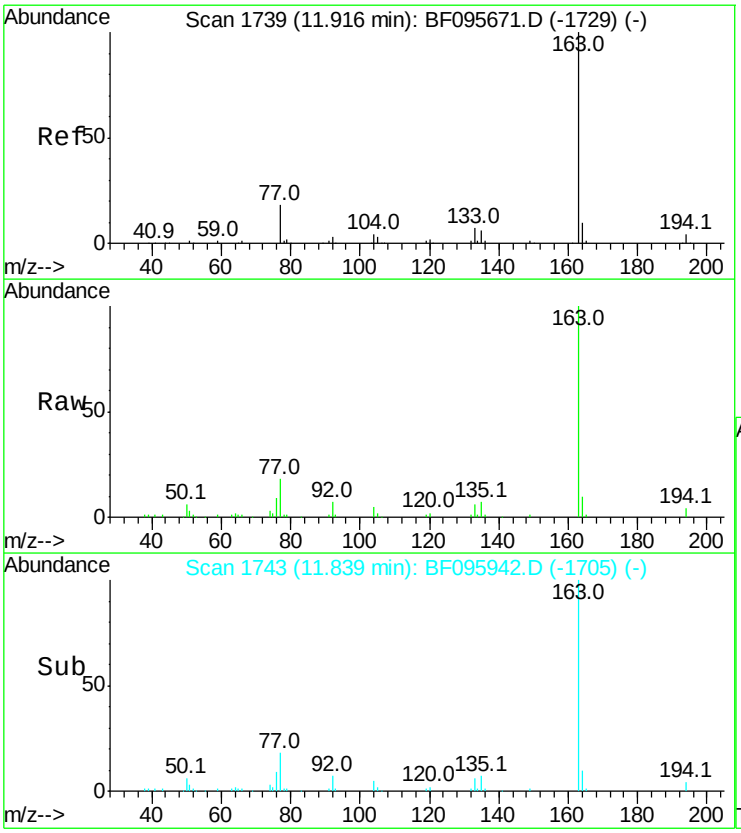
#44
2-Fluorobiphenyl
Concen: 82.11 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 633271

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.0	19.8	29.8

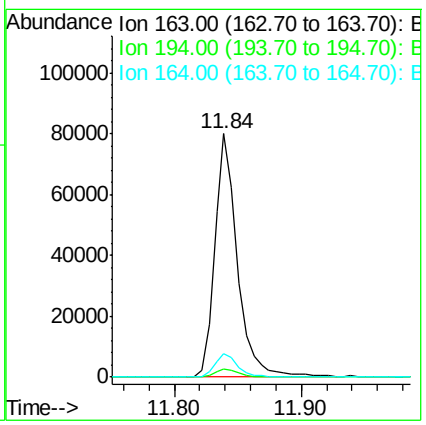


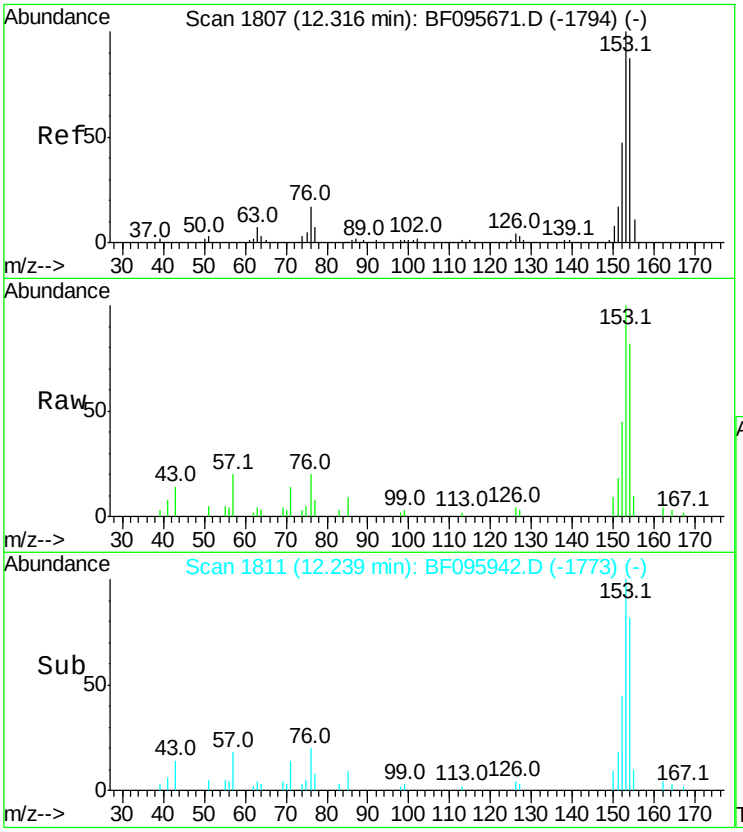


#49
Dimethylphthalate
Concen: 12.21 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:163 Resp: 99520

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6



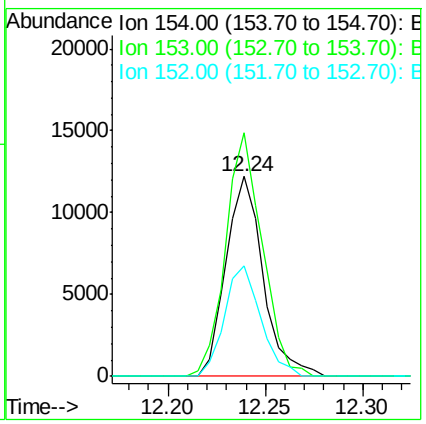


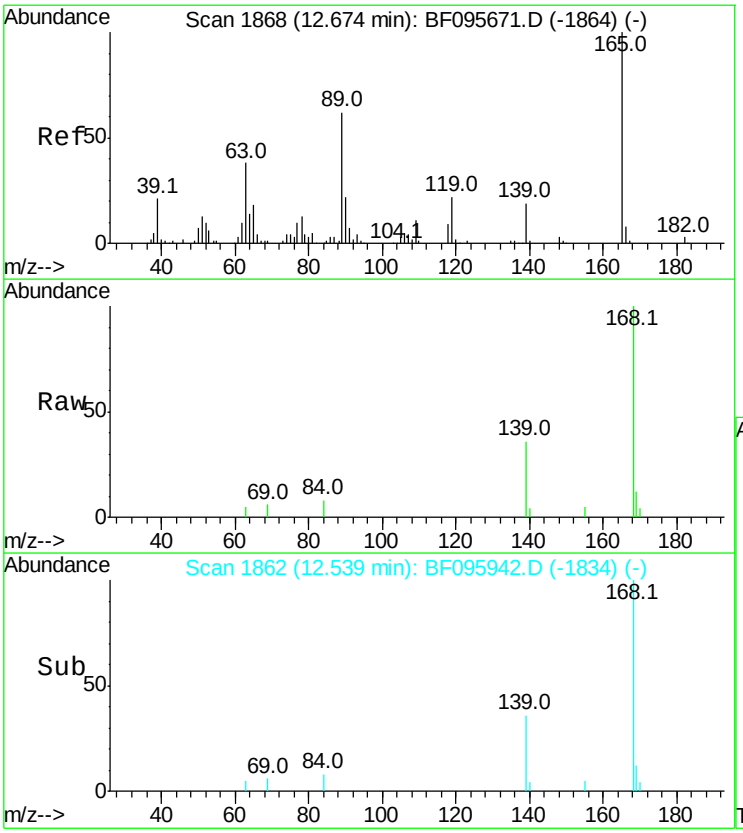
#51
Acenaphthene
Concen: 2.35 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 16063

Ion	Ratio	Lower	Upper
154	100		
153	121.8	90.5	135.7
152	55.2	43.6	65.4

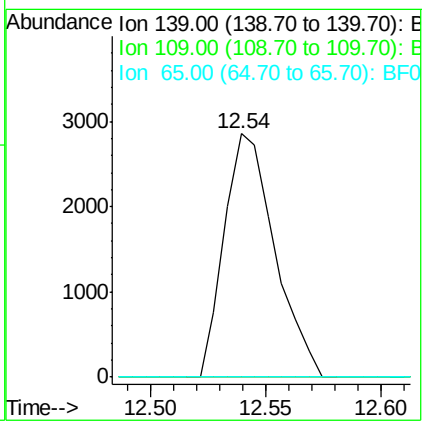


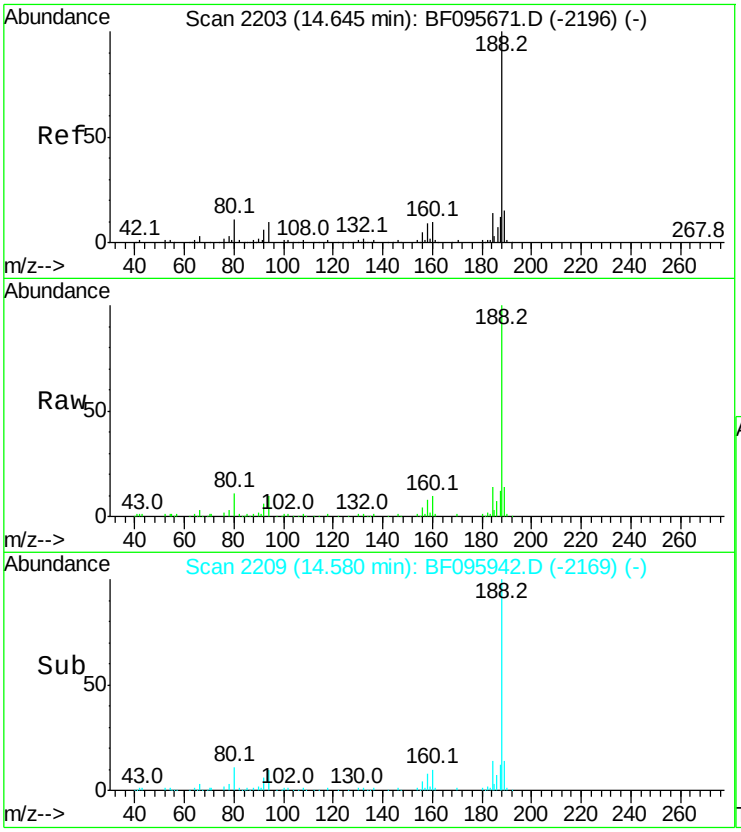


#55
4-Nitrophenol
Concen: 8.02 ng
RT: 12.54 min Scan# 1862
Delta R.T. -0.13 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:139 Resp: 4349

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



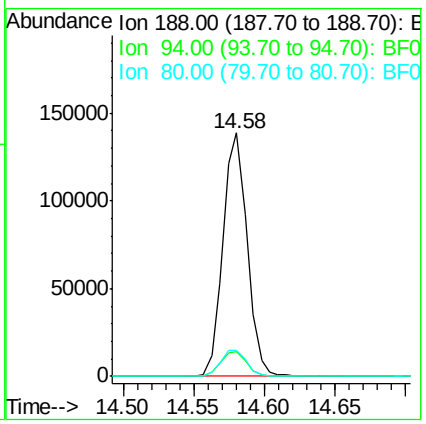


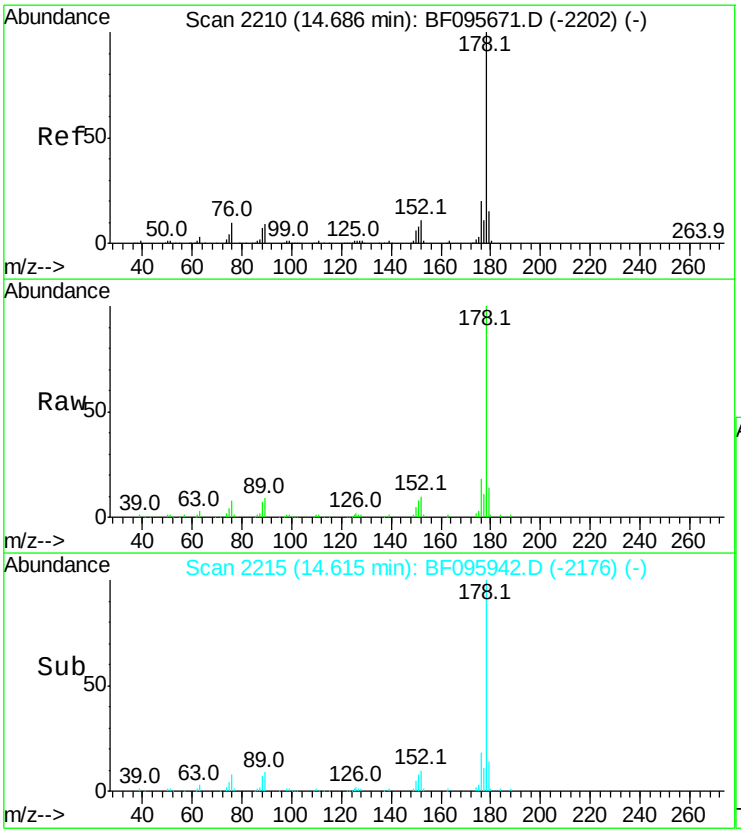
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 164793

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2

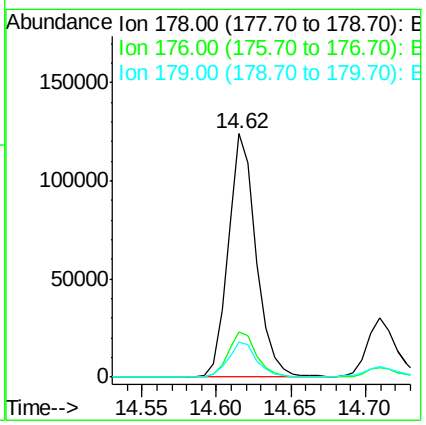


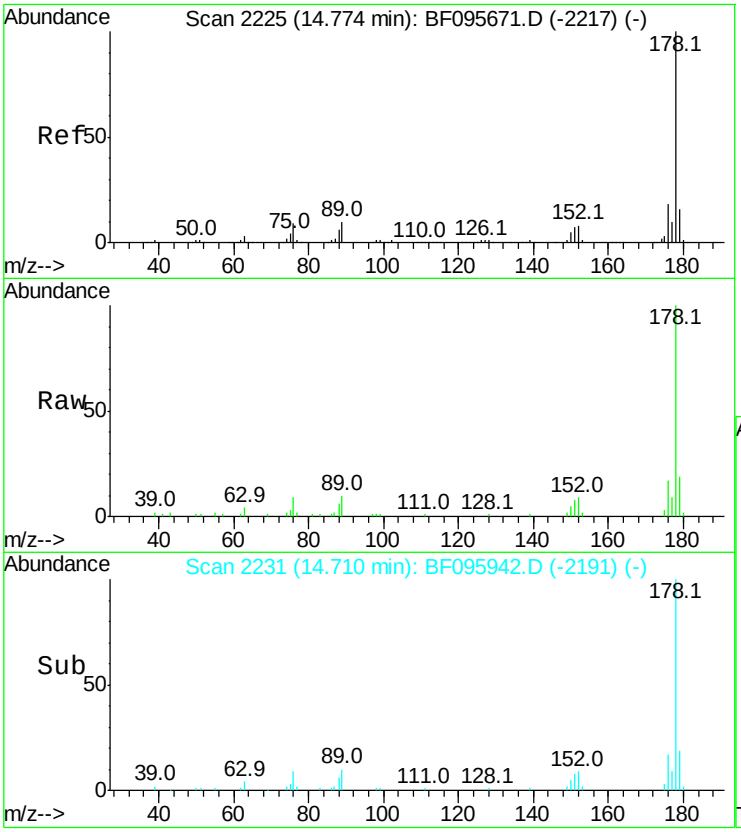


#70
Phenanthrene
Concen: 17.08 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.07 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:178 Resp: 162359

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.4	12.6	19.0



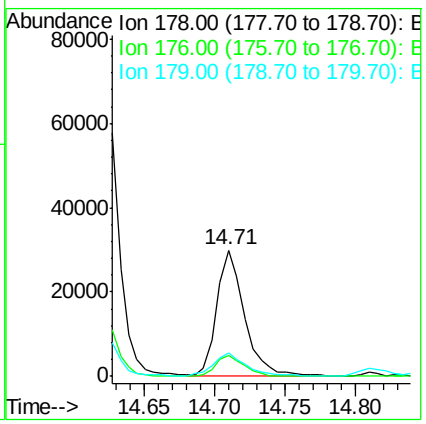


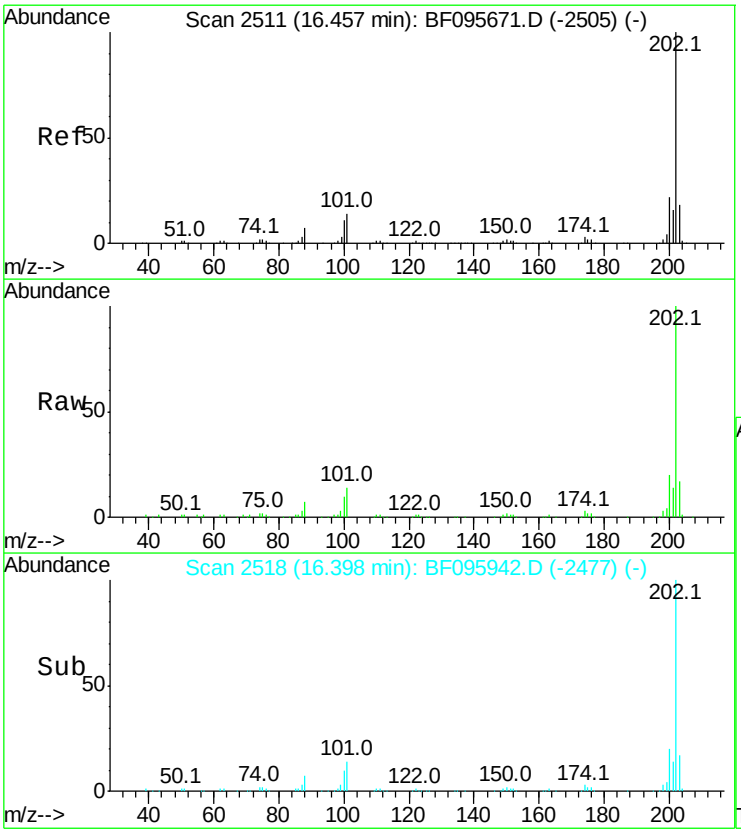
#71
Anthracene
Concen: 4.15 ng
RT: 14.71 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41226

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.8	23.8
179	18.8	12.7	19.1

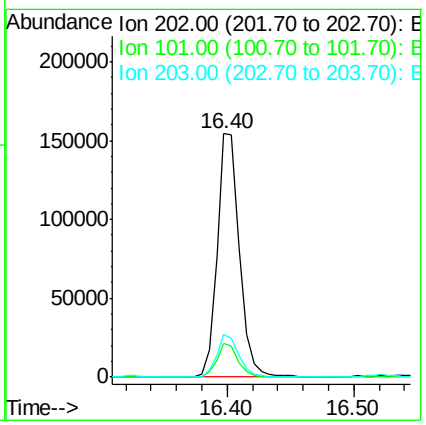


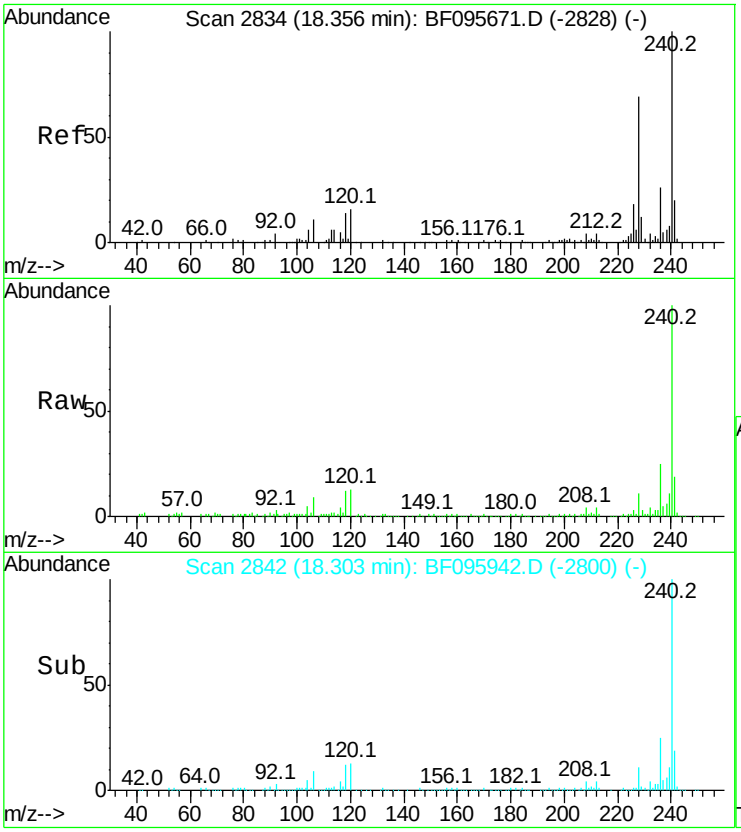


#74
Fluoranthene
Concen: 20.02 ng
RT: 16.40 min Scan# 2518
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:202 Resp: 188400

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.3	0.0	38.1



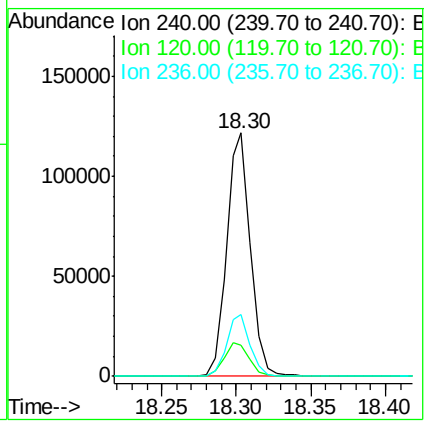


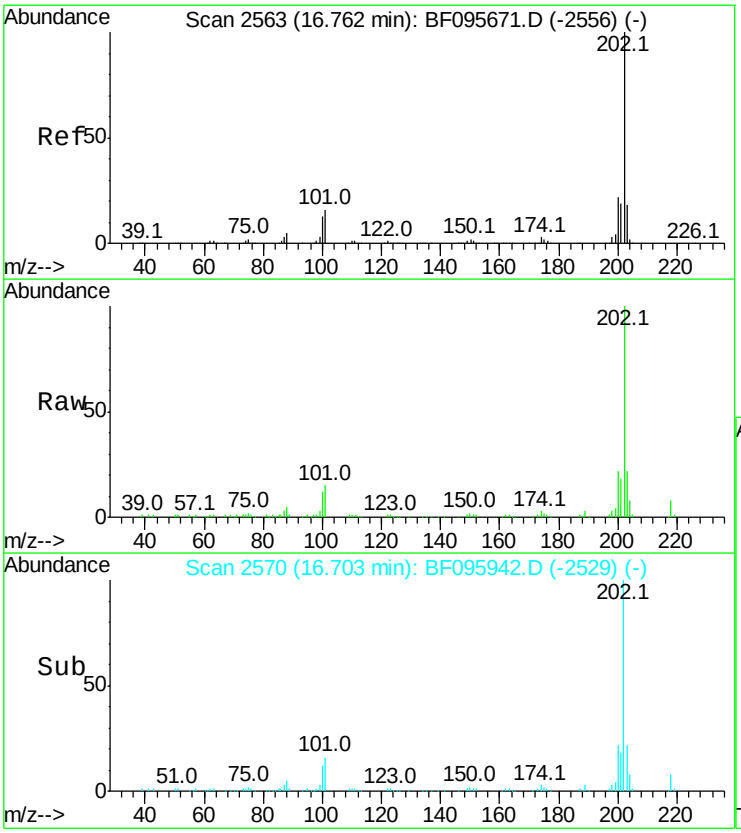
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 136080

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.5	20.5	30.7

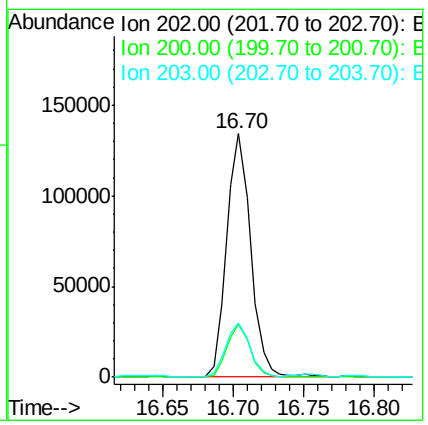


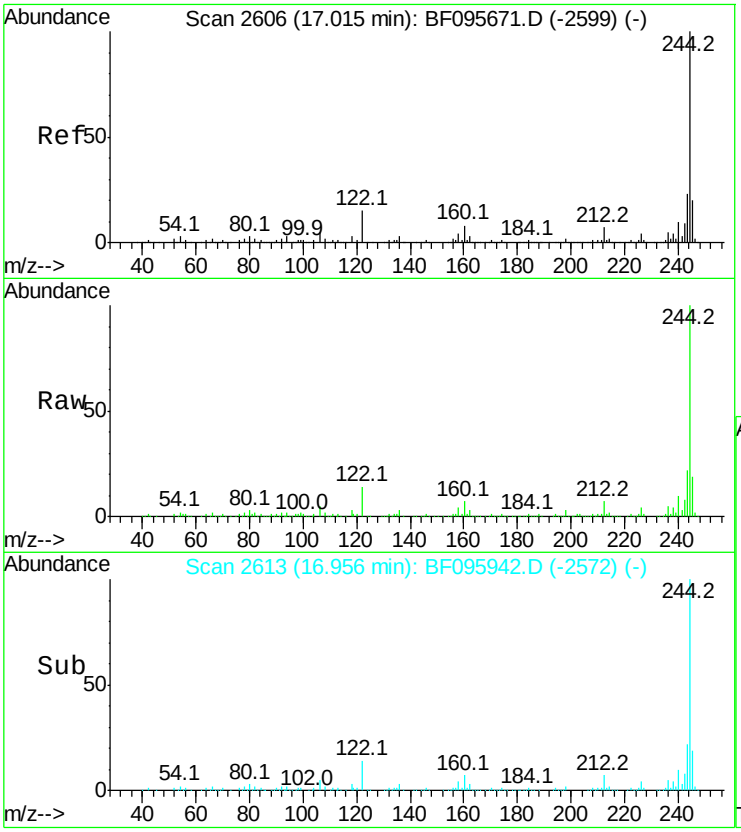


#77
Pyrene
Concen: 15.72 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:202 Resp: 159587

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	22.1	14.4	21.6#



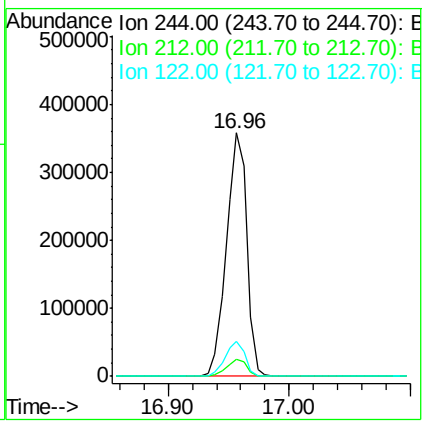


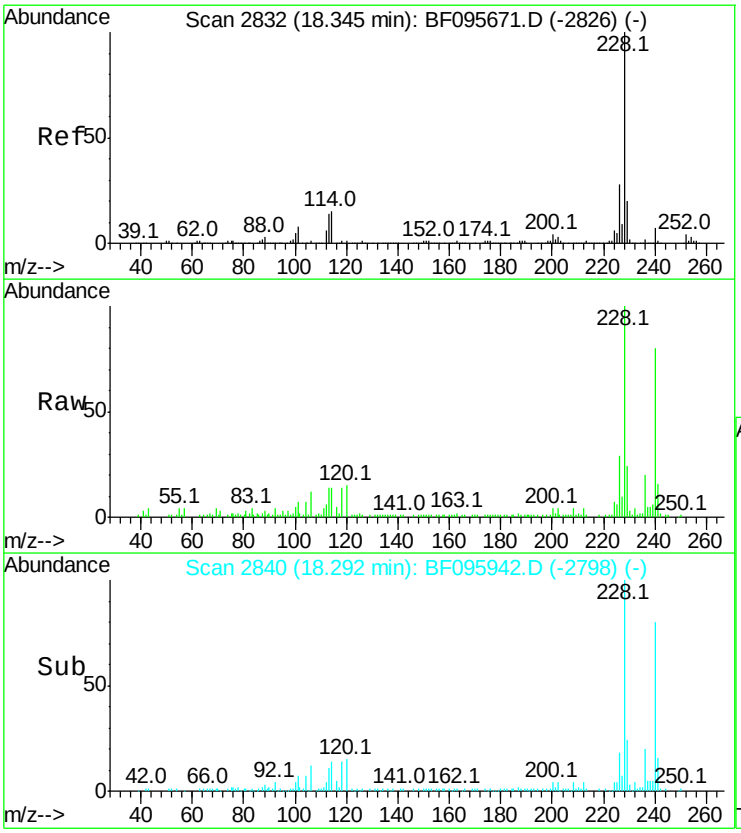
#78
Terphenyl-d14
Concen: 76.42 ng
RT: 16.96 min Scan# 2613
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 419037

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5

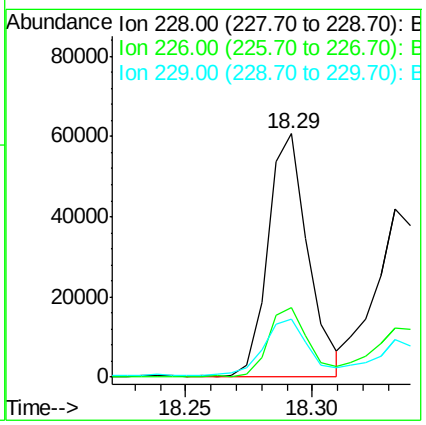


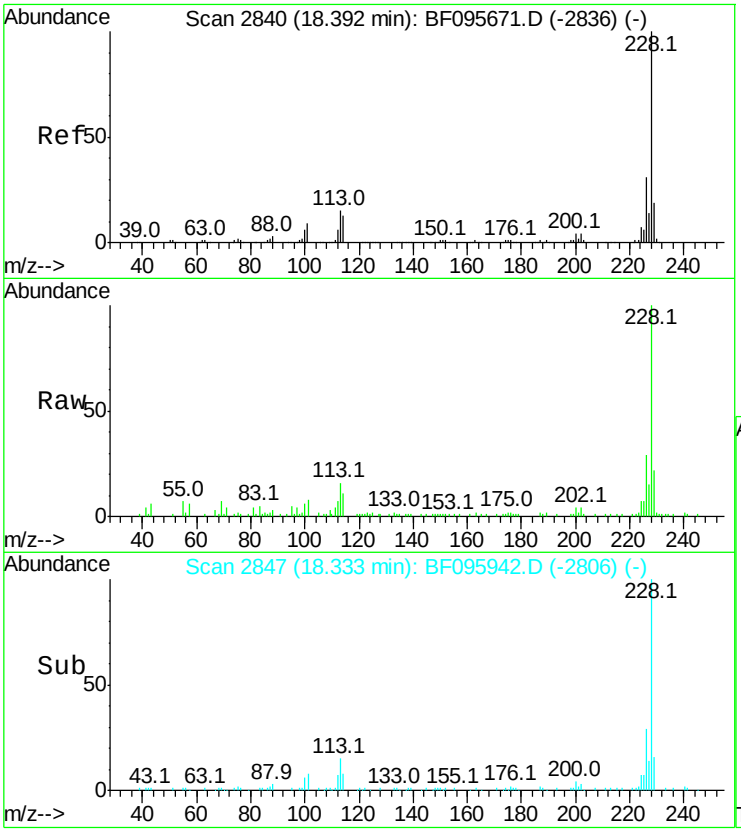


#80
Benzo(a)anthracene
Concen: 8.54 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:228 Resp: 67570

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	24.0	16.3	24.5



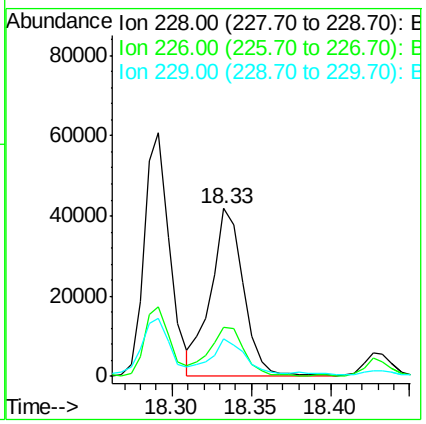


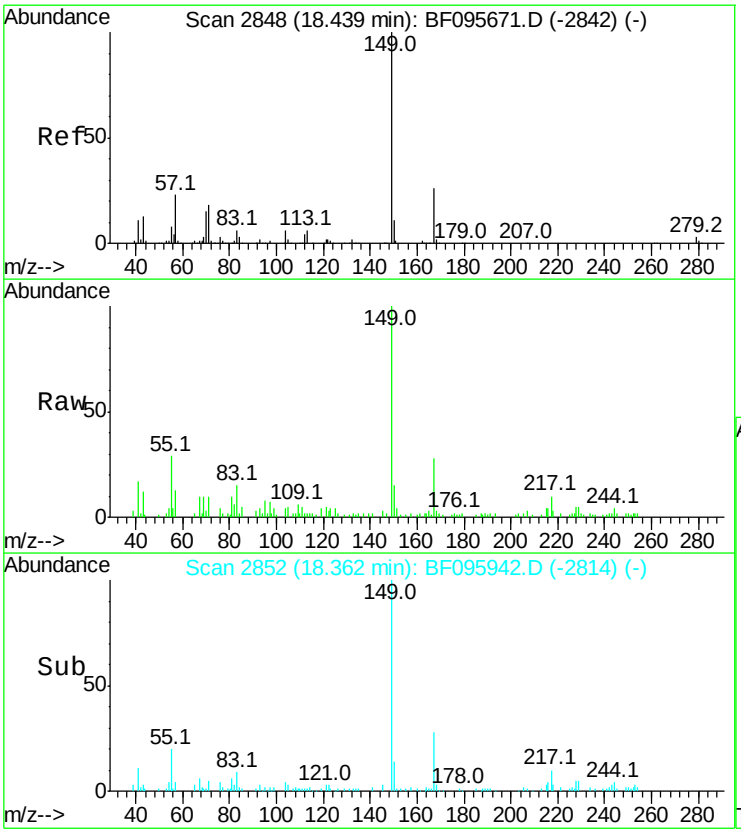
#82
Chrysene
Concen: 7.64 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 60391

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	22.2	15.8	23.6

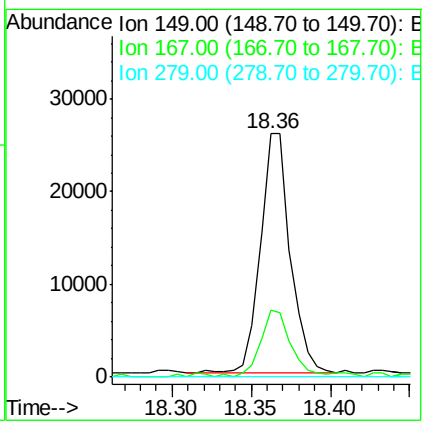


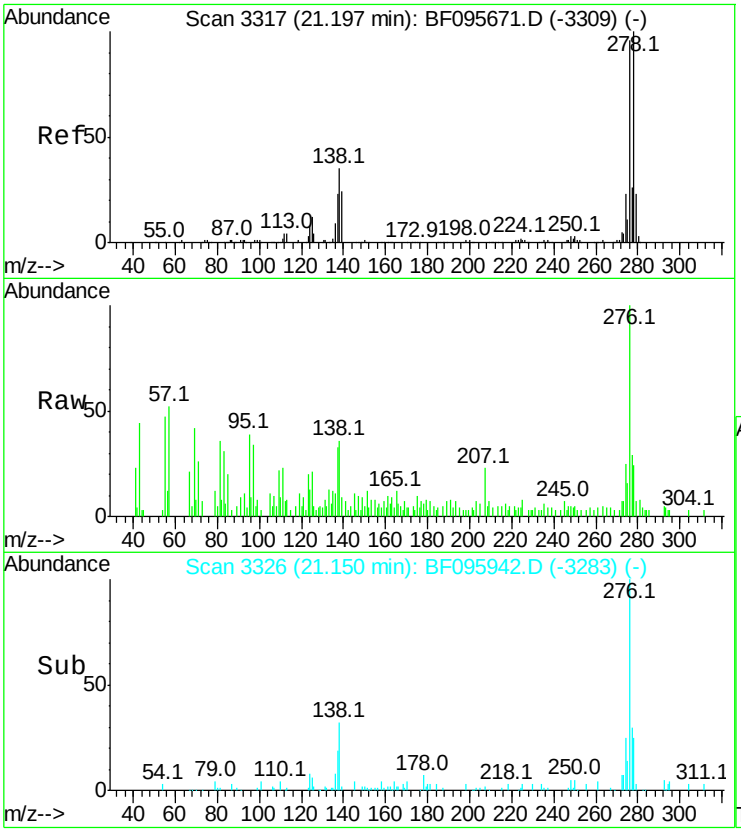


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.45 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:149 Resp: 34082

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.0	31.4
279	0.0	1.9	2.9#



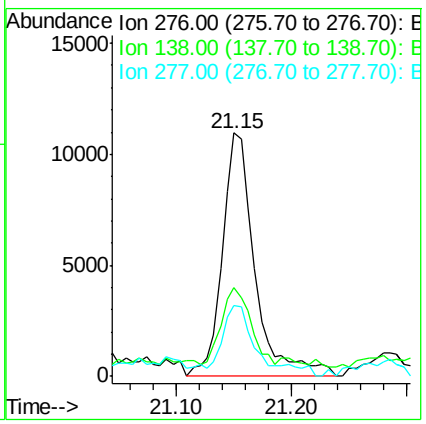


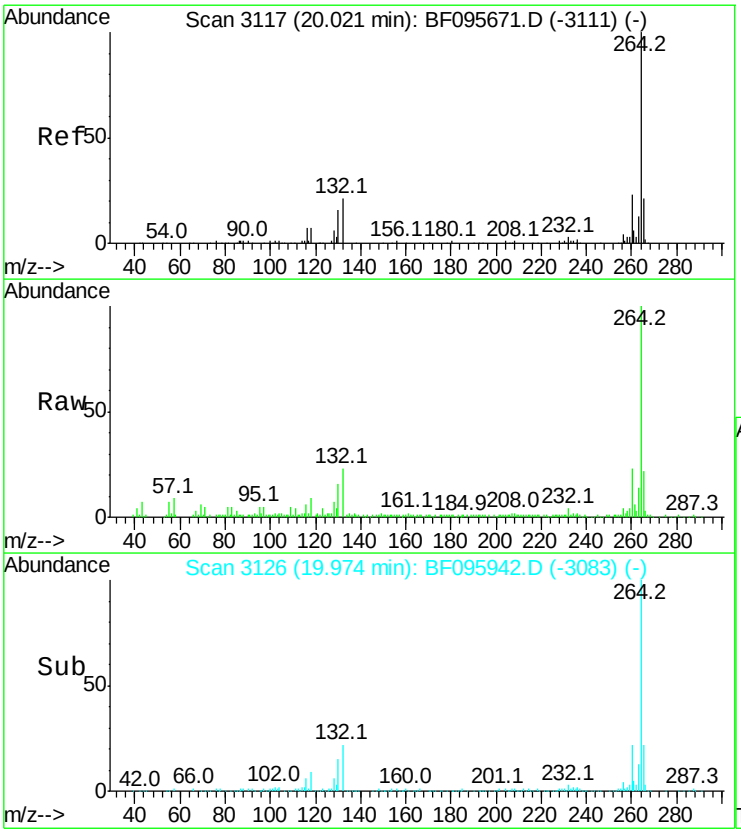
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng
RT: 21.15 min Scan# 3326
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 21379

Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	20.6	20.2	30.4

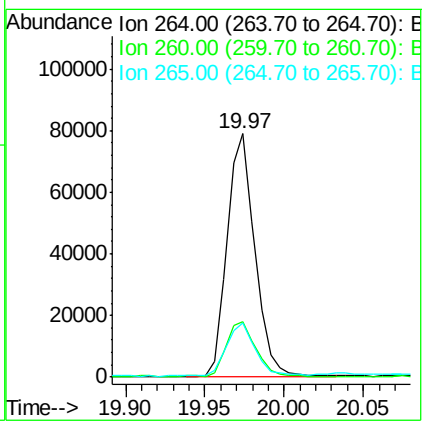


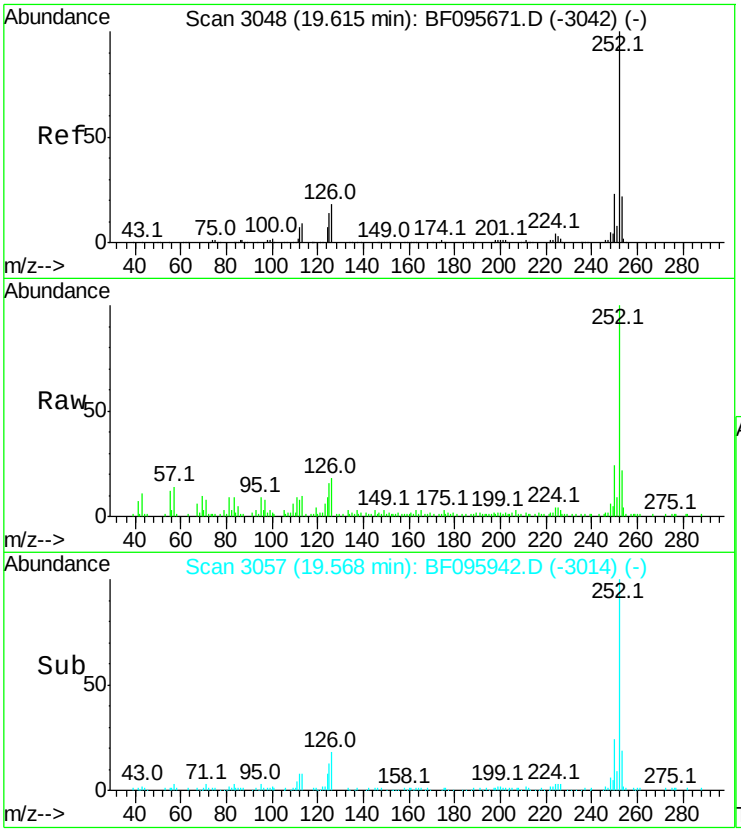


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:264 Resp: 96640

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.1	17.2	25.8



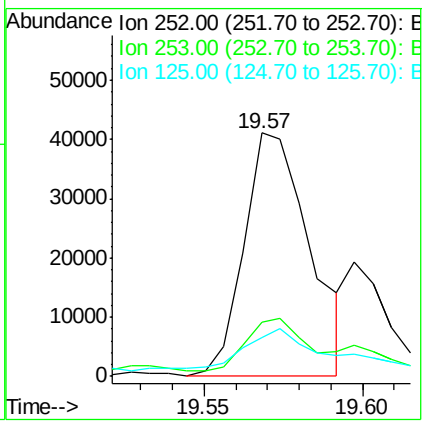


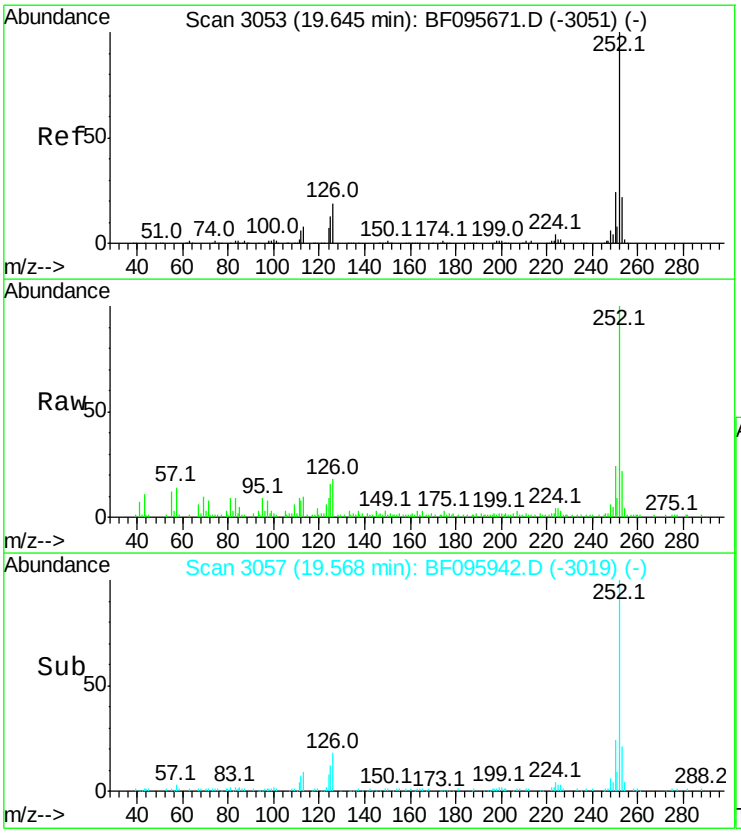
#87
Benzo(b)fluoranthene
Concen: 9.79 ng
RT: 19.57 min Scan# 3057
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59264

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	16.0	9.8	14.8#

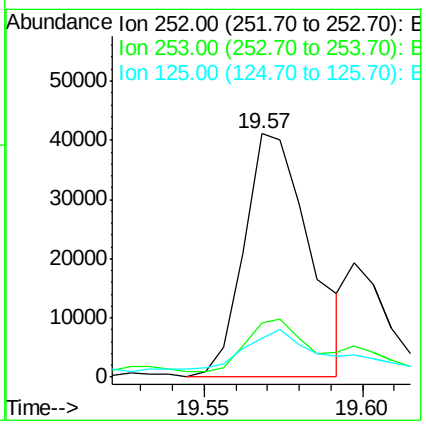


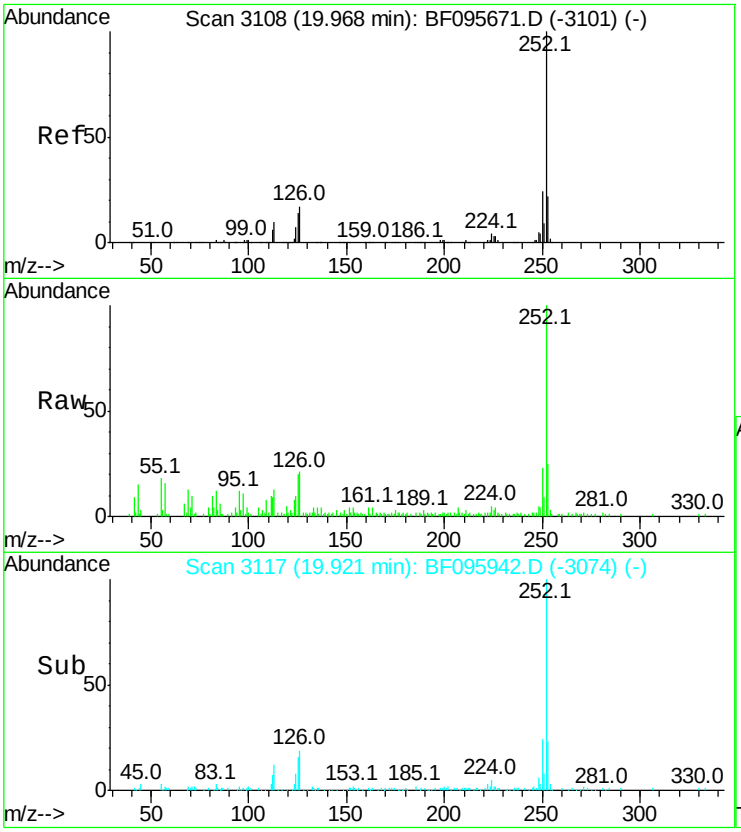


#88
Benzo(k)fluoranthene
Concen: 10.25 ng
RT: 19.57 min Scan# 3057
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:252 Resp: 59264

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	16.0	13.1	19.7



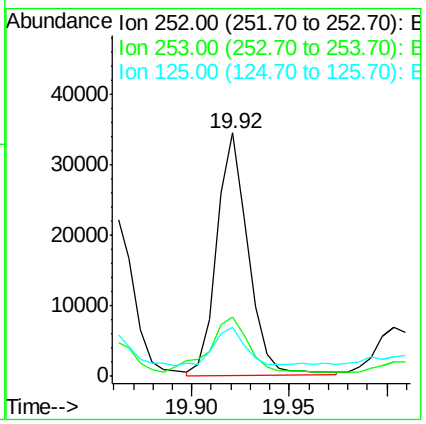


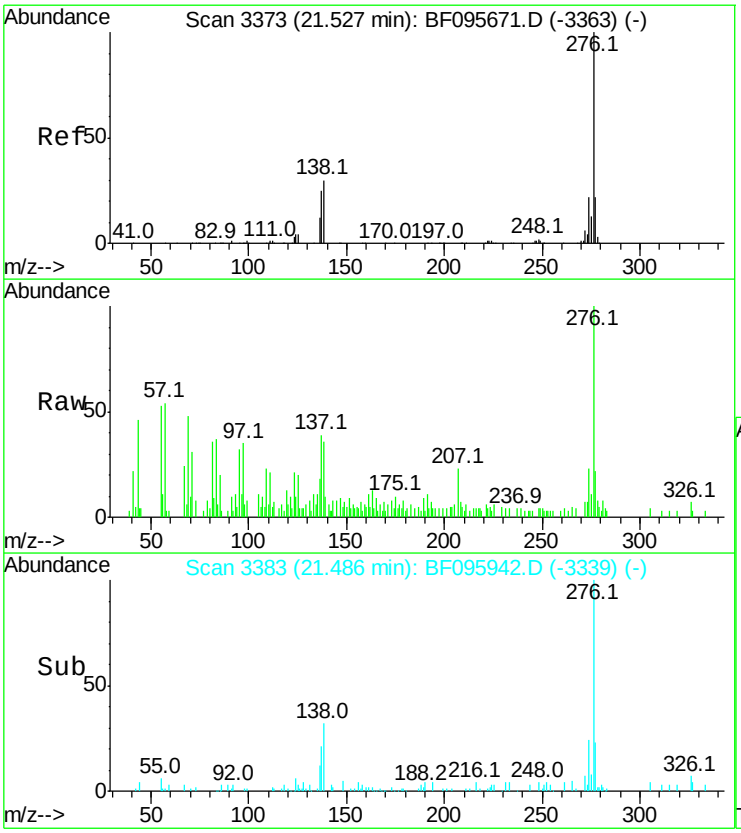
#89
Benzo(a)pyrene
Concen: 6.88 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38290

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	20.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.12 ng
RT: 21.49 min Scan# 3383
Delta R.T. -0.04 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion:276 Resp: 19828

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	36.1	25.4	38.0