Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095803.D
Acq On : 9 Jun 2017 1:50
Operator : SJ/MA
Sample : I3470-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 09 04:29:51 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	7.37	152	70638	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	282793	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	118033	20.00	ng		-0.04
63) Phenanthrene-d10	14.61	188	186973	20.00	ng		-0.04
75) Chrysene-d12	18.33	240	141189	20.00	ng		-0.02
86) Perylene-d12	20.00	264	107458	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	229337	51.73	ng		-0.03
7) Phenol-d6	6.92	99	277325	52.26	ng		-0.04
23) Nitrobenzene-d5	8.28	82	159613	35.05	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	47841	45.81	ng		-0.04
44) 2-Fluorobiphenyl	11.17	172	324158	38.22	ng		-0.04
78) Terphenyl-d14	16.99	244	216599	38.07	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	19300	5.74	ng	#	70
49) Dimethylphthalate	11.87	163	43607	4.87	ng		98
50) 2,6-Dinitrotoluene	12.22	165	15356	7.86	ng	#	31
55) 4-Nitrophenol	12.57	139	2254	6.22	ng	#	25
70) Phenanthrene	14.65	178	226820	21.02	ng		98
71) Anthracene	14.74	178	39225	3.48	ng		97
74) Fluoranthene	16.43	202	268975	25.19	ng		98
77) Pyrene	16.73	202	289554	27.49	ng		98
80) Benzo(a)anthracene	18.32	228	118829	14.48	ng		99
82) Chrysene	18.36	228	126988	15.48	ng		98
85) Indeno(1,2,3-cd)pyrene	21.17	276	38005	5.41	ng		95
87) Benzo(b)fluoranthene	19.60	252	134978	20.06	ng	#	94
88) Benzo(k)fluoranthene	19.60	252	134978	20.99	ng		98
89) Benzo(a)pyrene	19.94	252	69232	11.19	ng		98
90) Dibenzo(a,h)anthracene	21.17	278	10548	2.01	ng	#	80
91) Benzo(g,h,i)perylene	21.51	276	36395	6.80	ng	#	93

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

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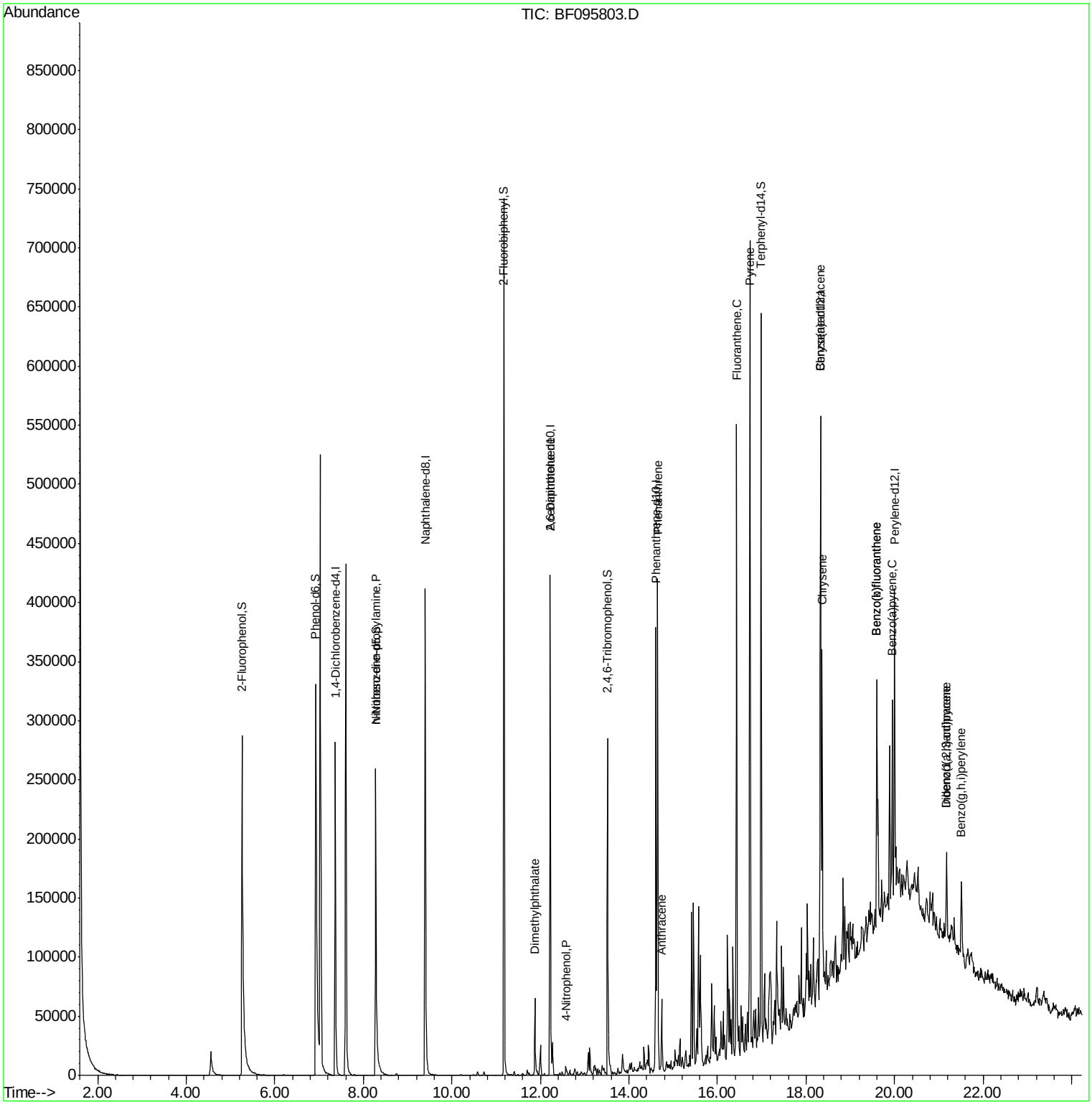
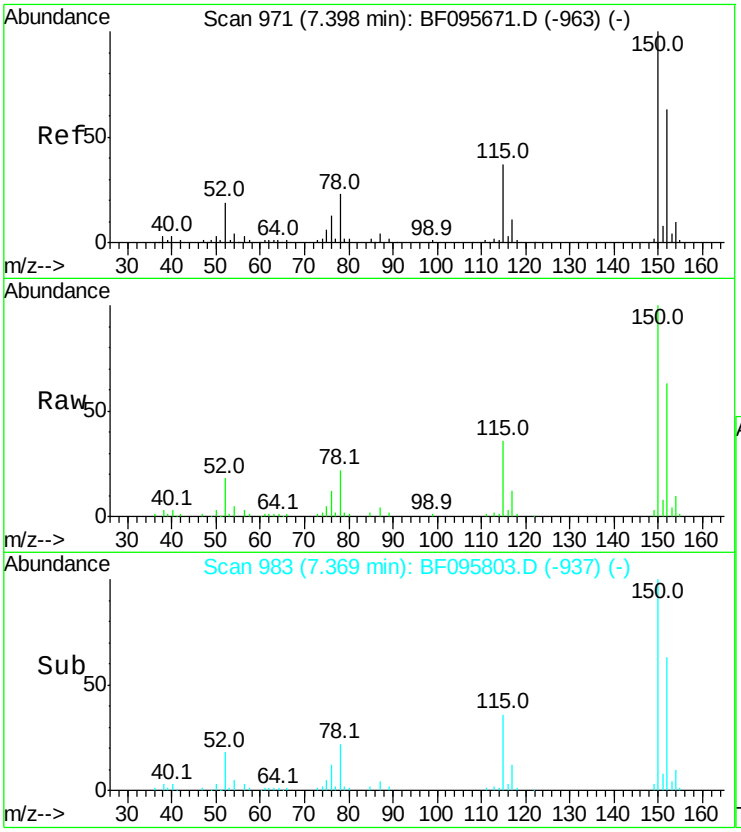


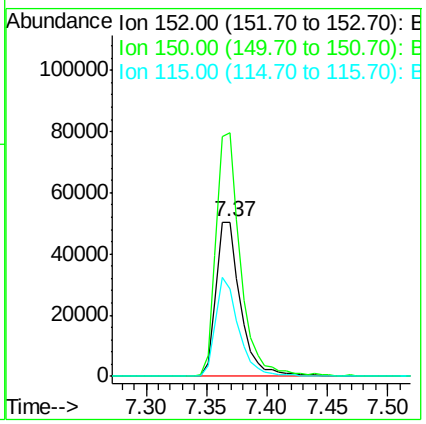


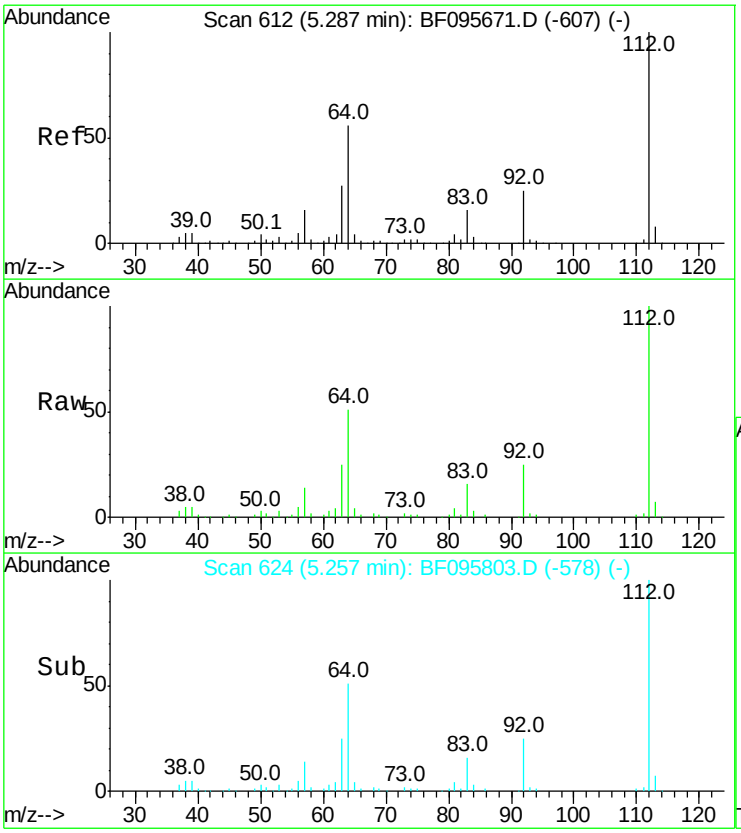
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70638

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	57.1	52.2	78.2

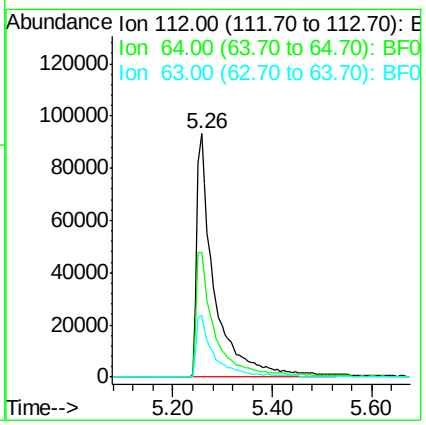


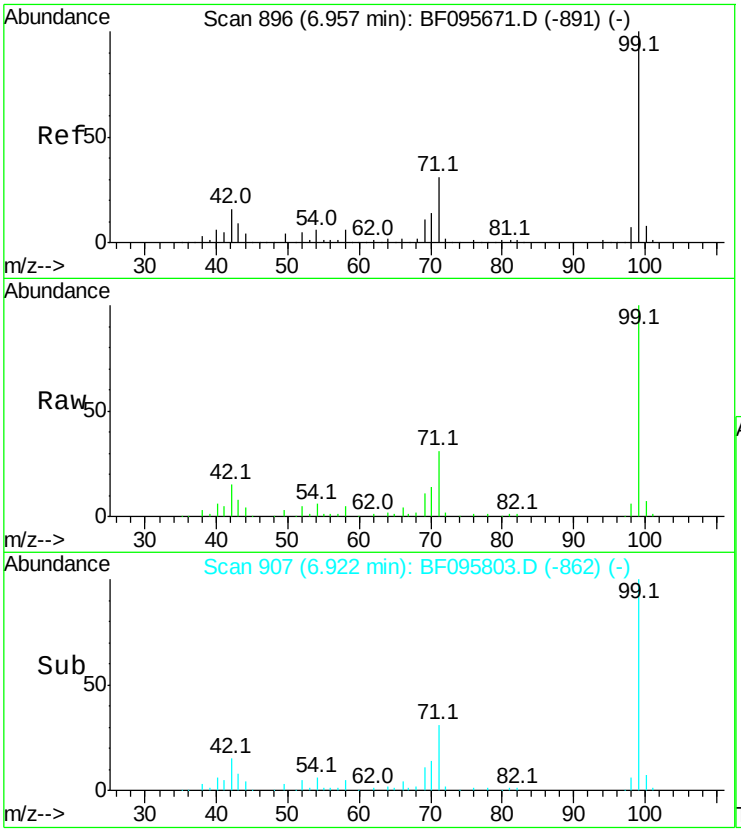


#5
2-Fluorophenol
Concen: 51.73 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:112 Resp: 229337

Ion	Ratio	Lower	Upper
112	100		
64	51.1	46.0	69.0
63	25.4	23.4	35.0



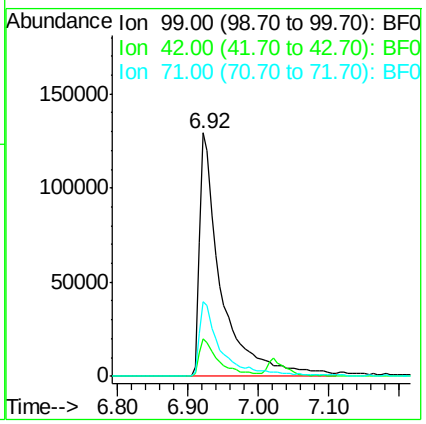


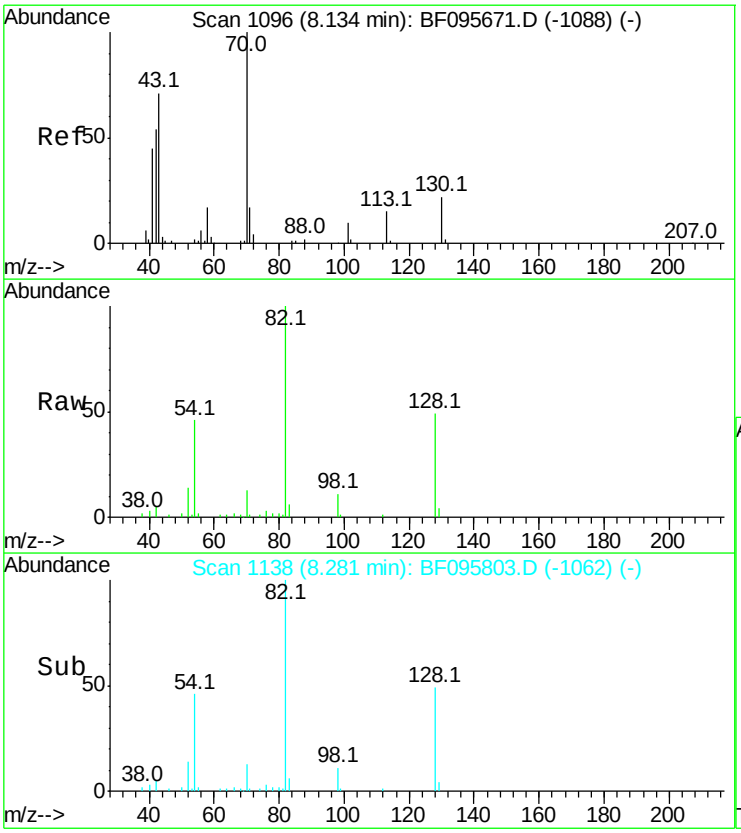
#7
Phenol-d6
Concen: 52.26 ng
RT: 6.92 min Scan# 907
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 277325

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	30.9	24.5	36.7

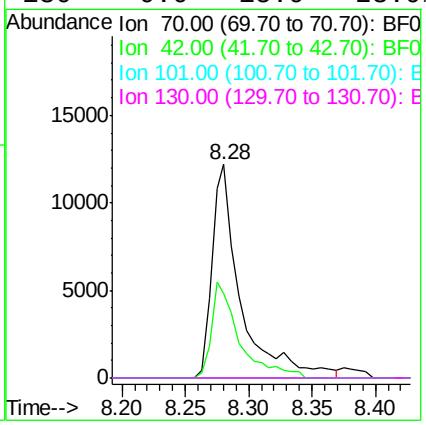


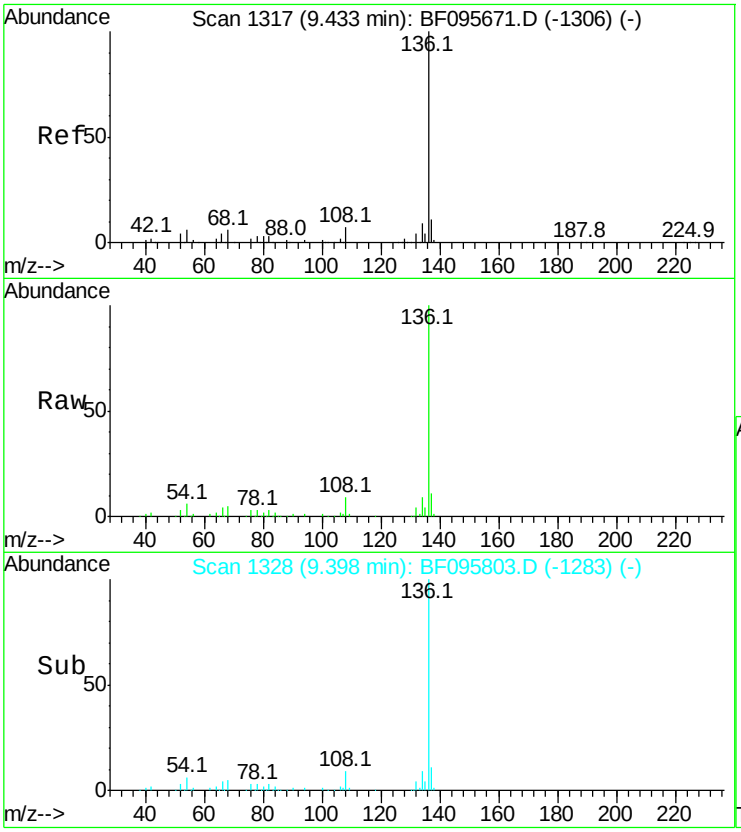


#19
n-Nitroso-di-n-propylamine
Concen: 5.74 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.15 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion: 70 Resp: 19300

Ion	Ratio	Lower	Upper
70	100		
42	39.6	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



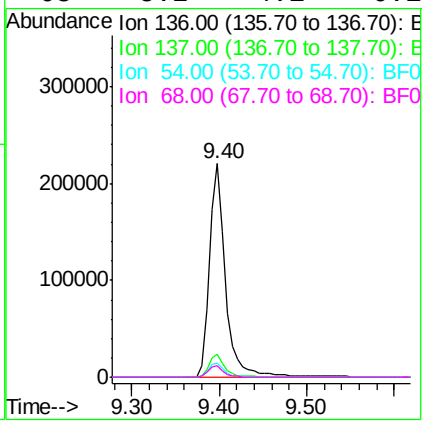


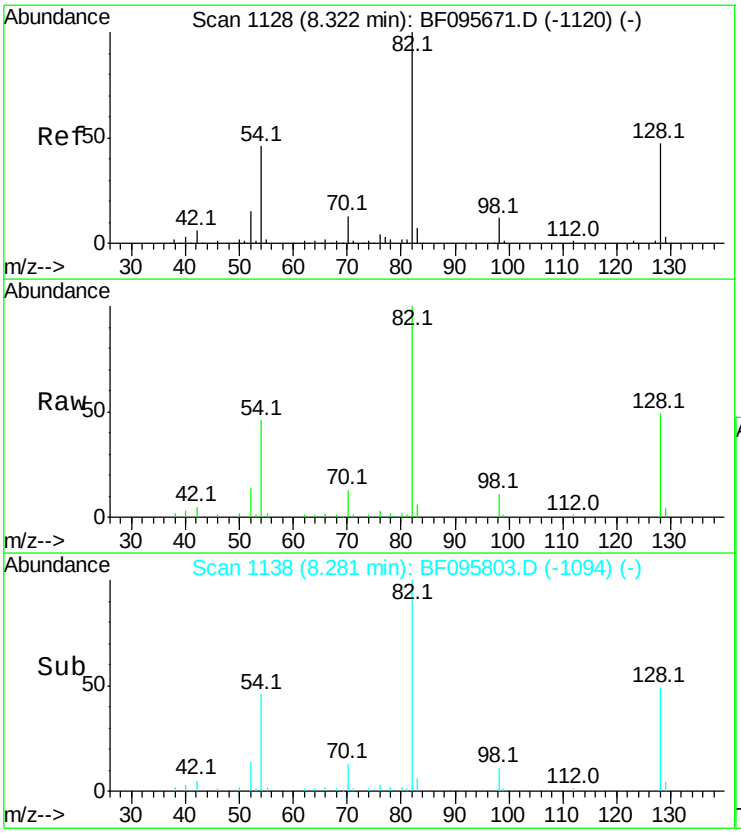
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 282793

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.3	4.9	7.3
68	5.2	4.1	6.1

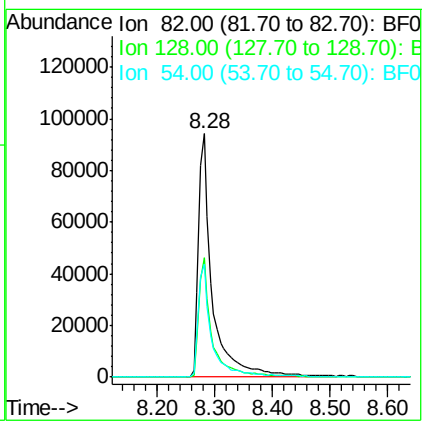


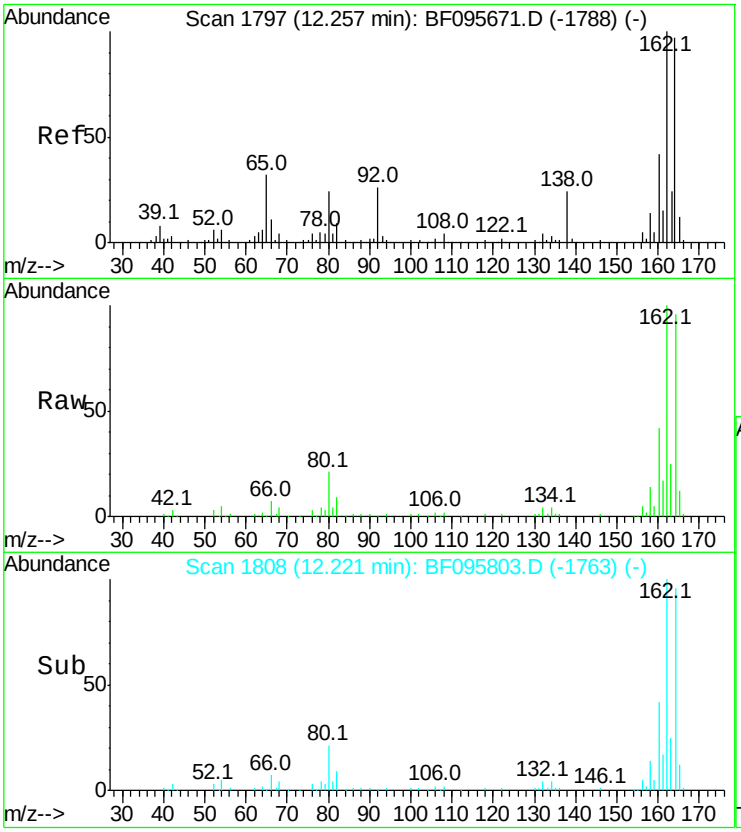


#23
Nitrobenzene-d5
Concen: 35.05 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion: 82 Resp: 159613

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	46.3	42.2	63.2



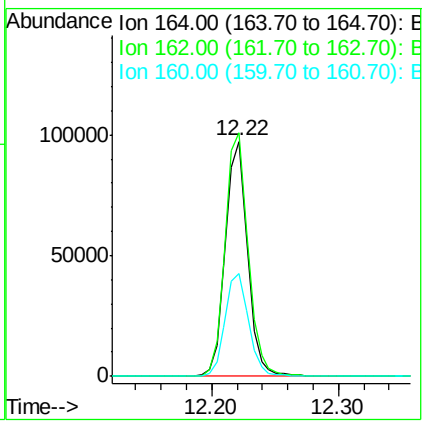


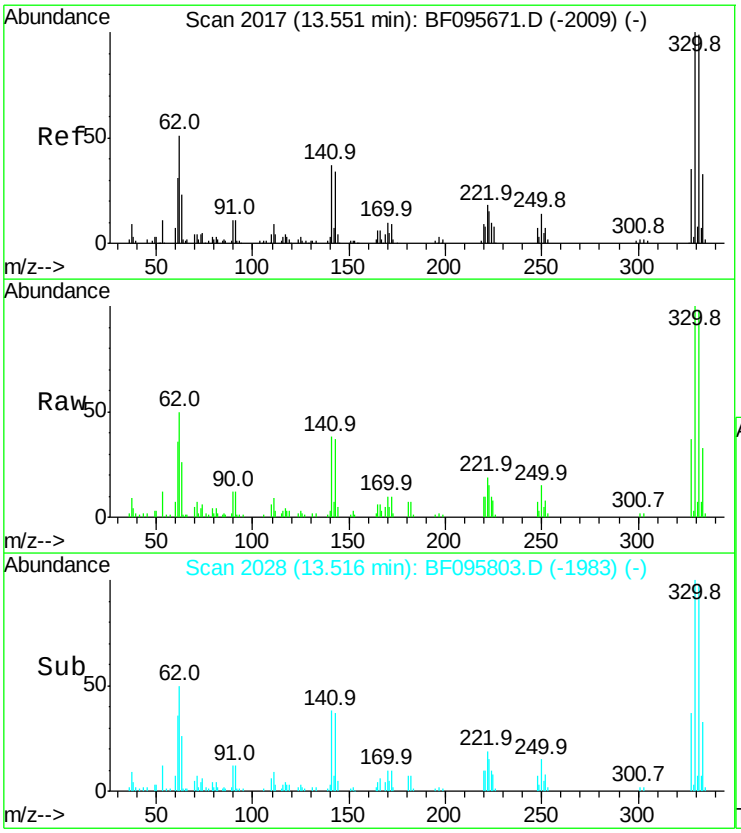
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 118033

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	43.8	36.2	54.2

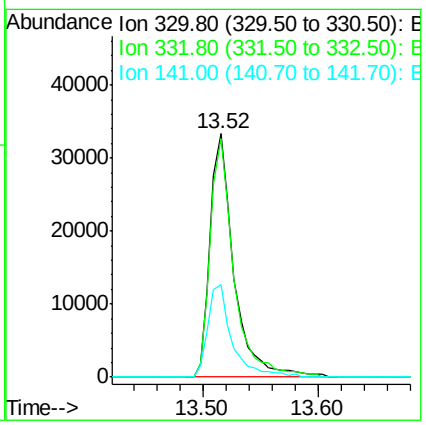


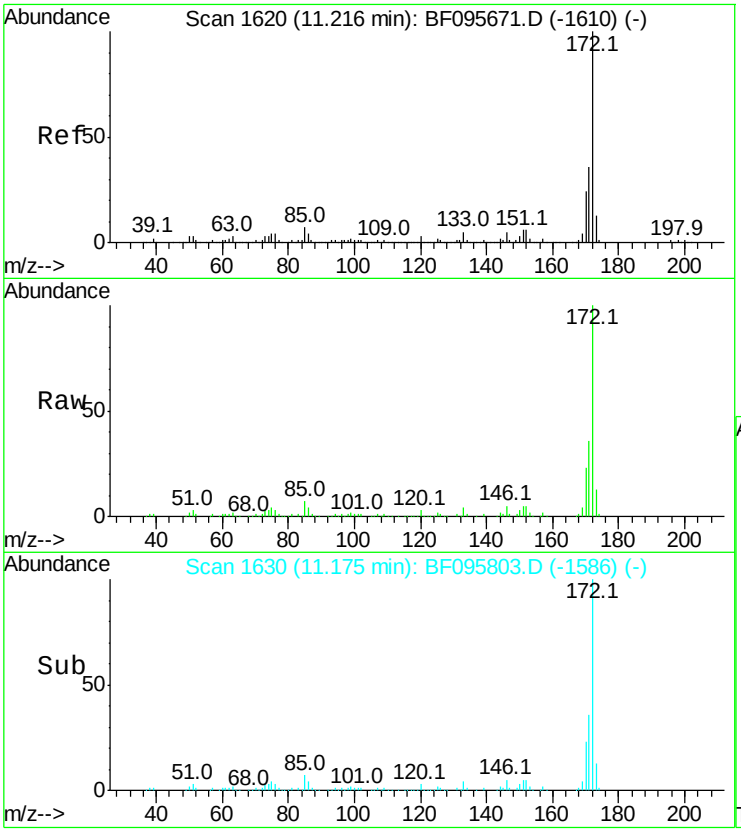


#41
2,4,6-Tribromophenol
Concen: 45.81 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:330 Resp: 47841

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.4	31.4	47.2



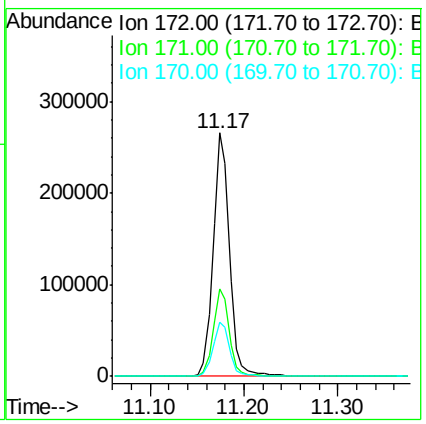


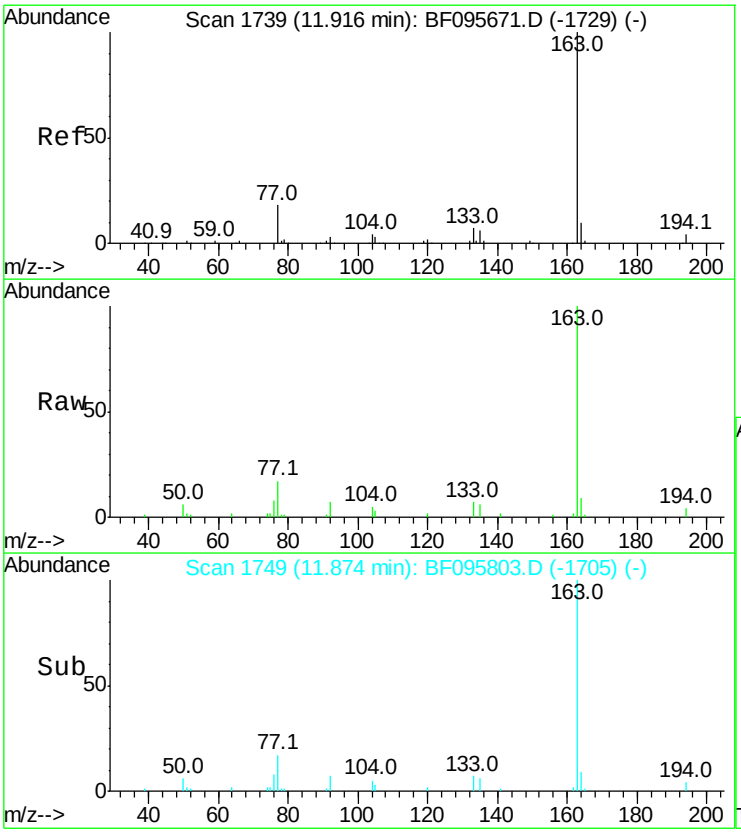
#44
2-Fluorobiphenyl
Concen: 38.22 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 324158

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.5	19.8	29.8

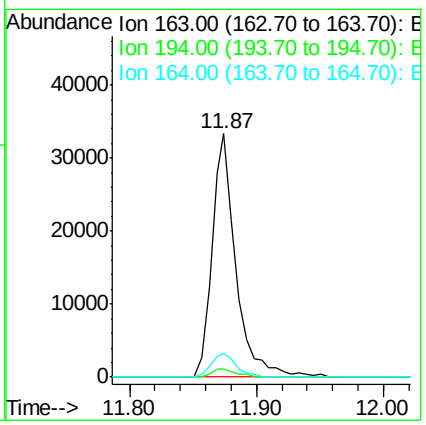


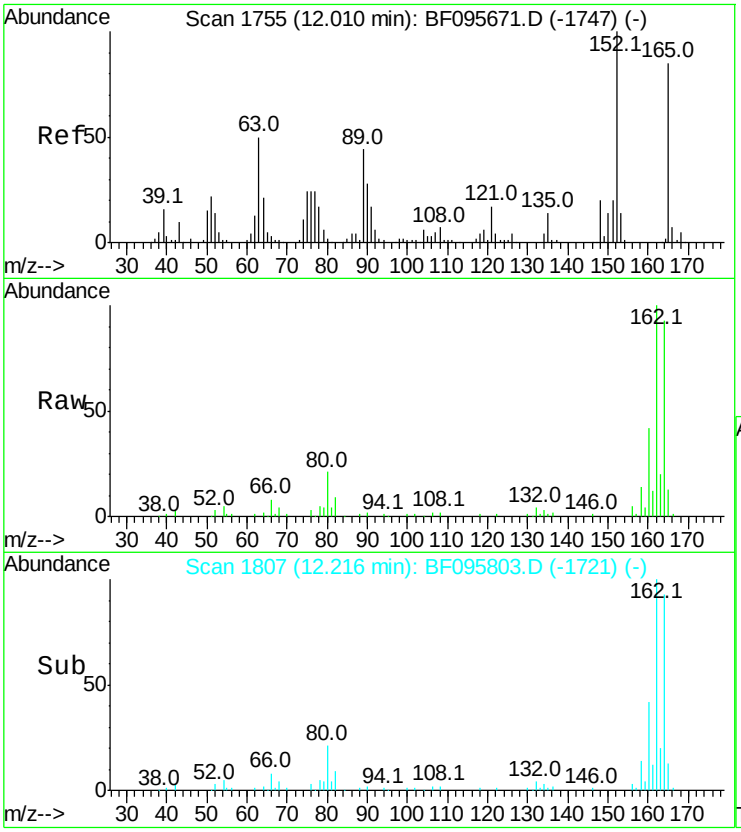


#49
Dimethylphthalate
Concen: 4.87 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:163 Resp: 43607

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



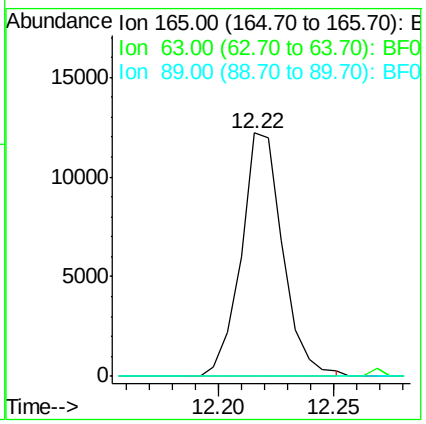


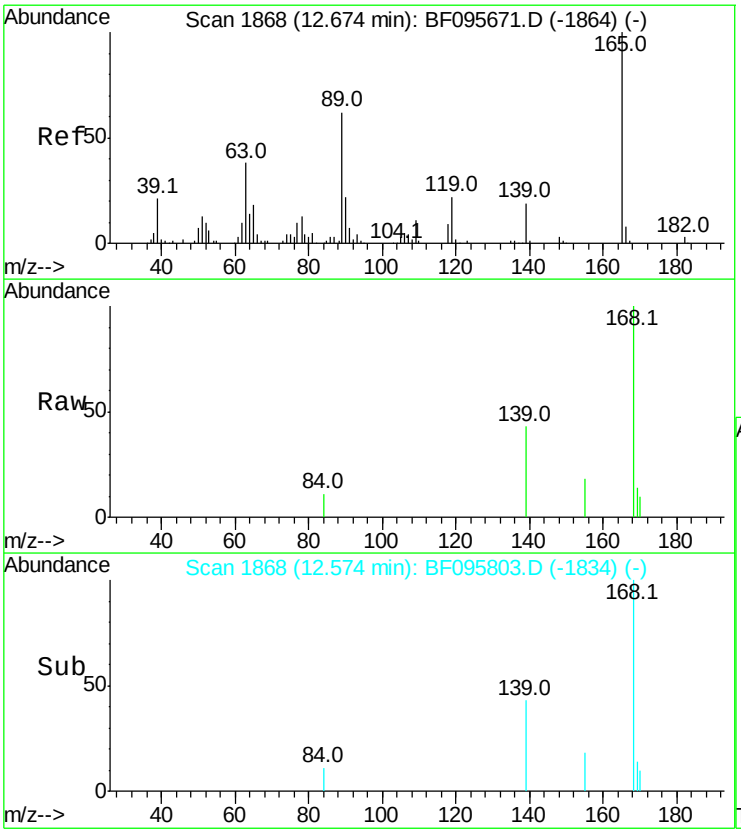
#50
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 12.22 min Scan# 1807
Delta R.T. 0.21 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15356

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

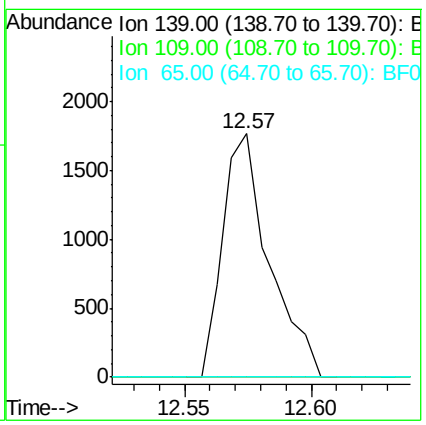


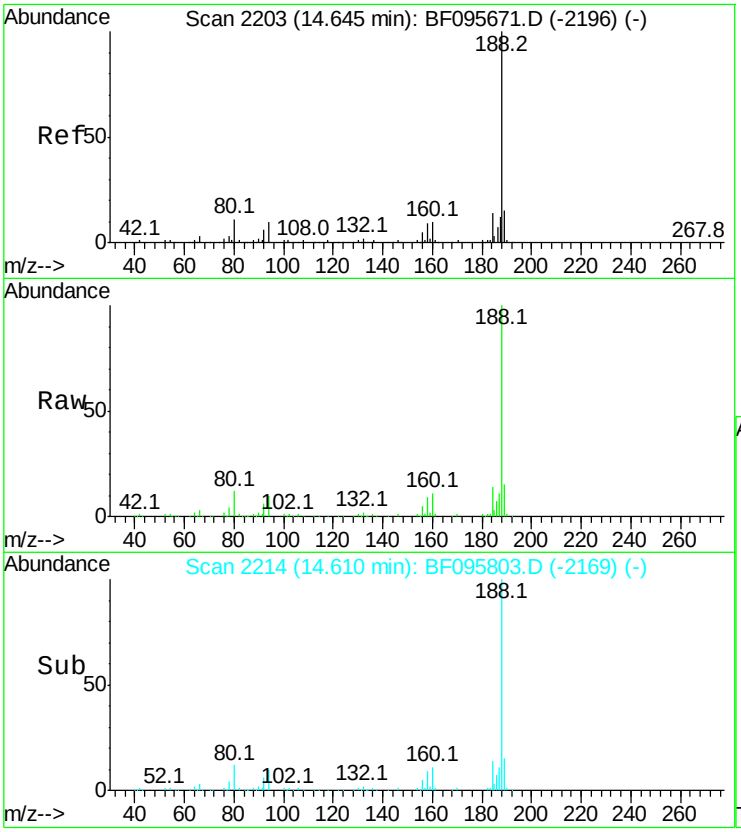


#55
4-Nitrophenol
Concen: 6.22 ng
RT: 12.57 min Scan# 1868
Delta R.T. -0.10 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:139 Resp: 2254

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



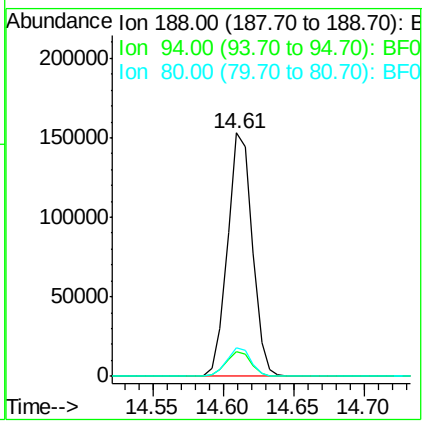


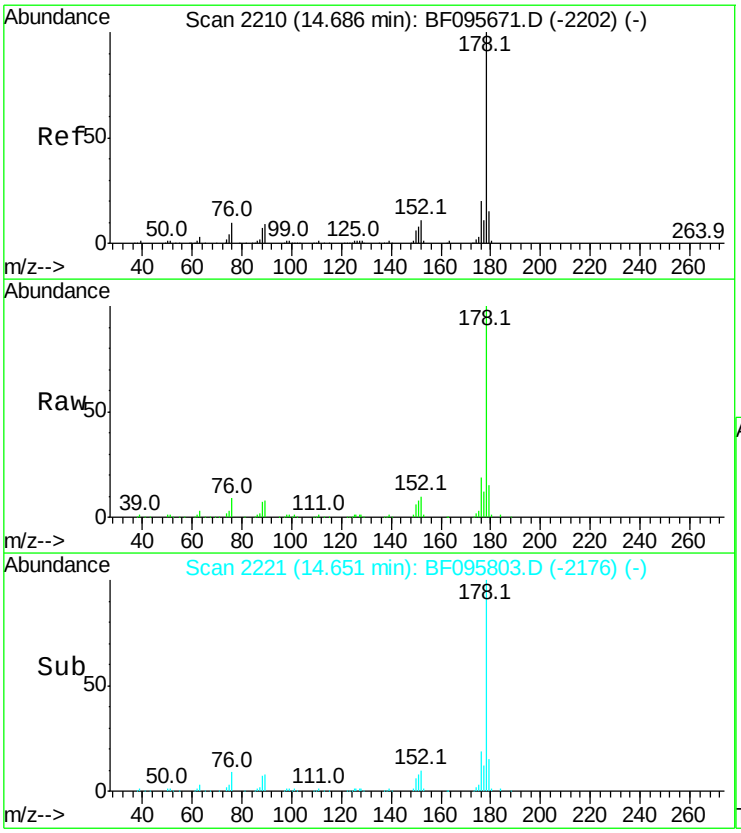
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 186973

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.6	10.2	15.2

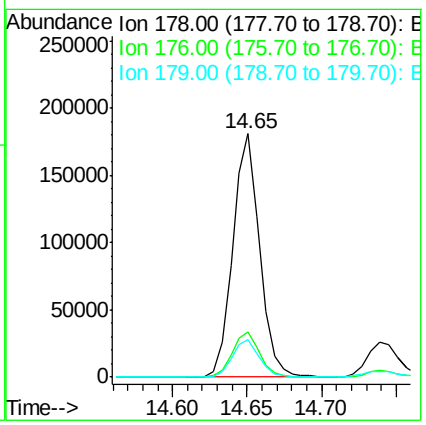


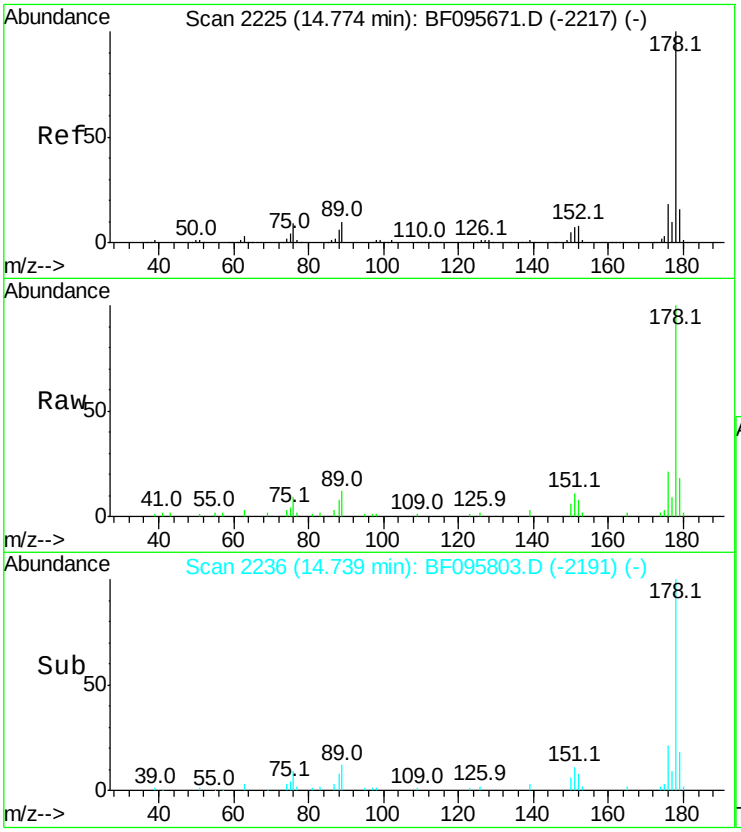


#70
Phenanthrene
Concen: 21.02 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:178 Resp: 226820

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0



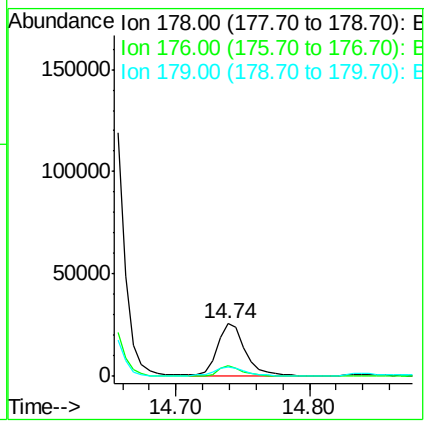


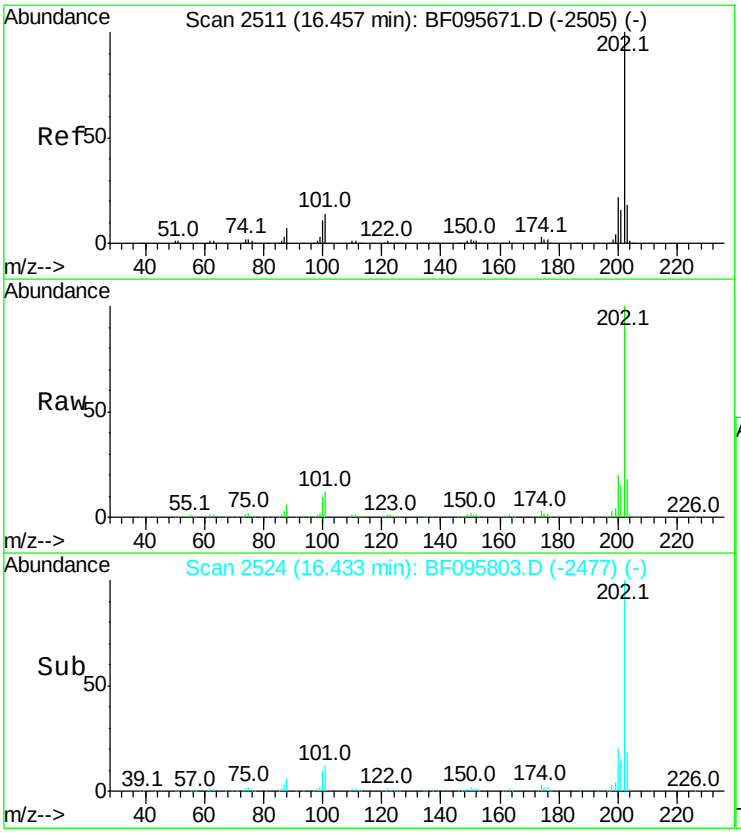
#71
Anthracene
Concen: 3.48 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 39225

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	17.9	12.7	19.1

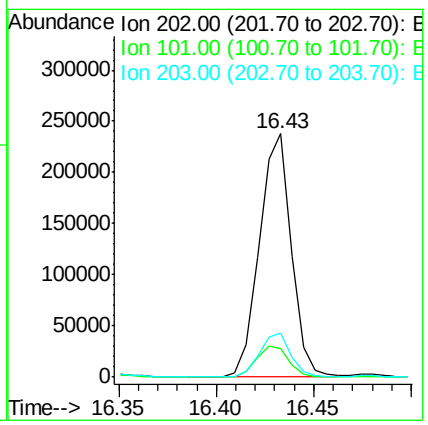


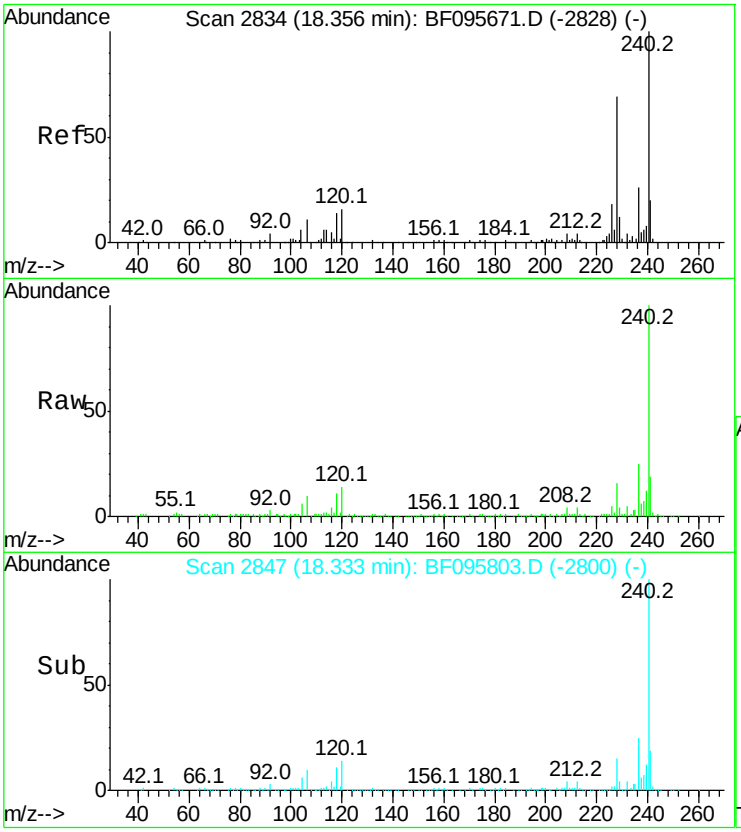


#74
Fluoranthene
Concen: 25.19 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:202 Resp: 268975

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.2
203	18.2	0.0	38.1



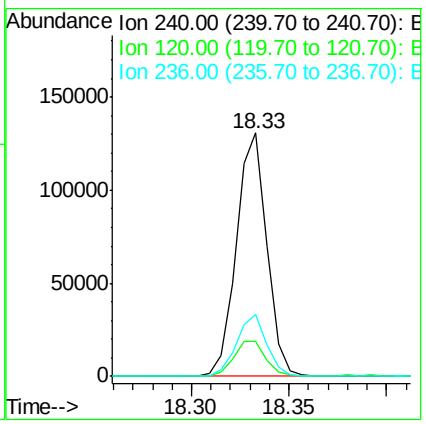


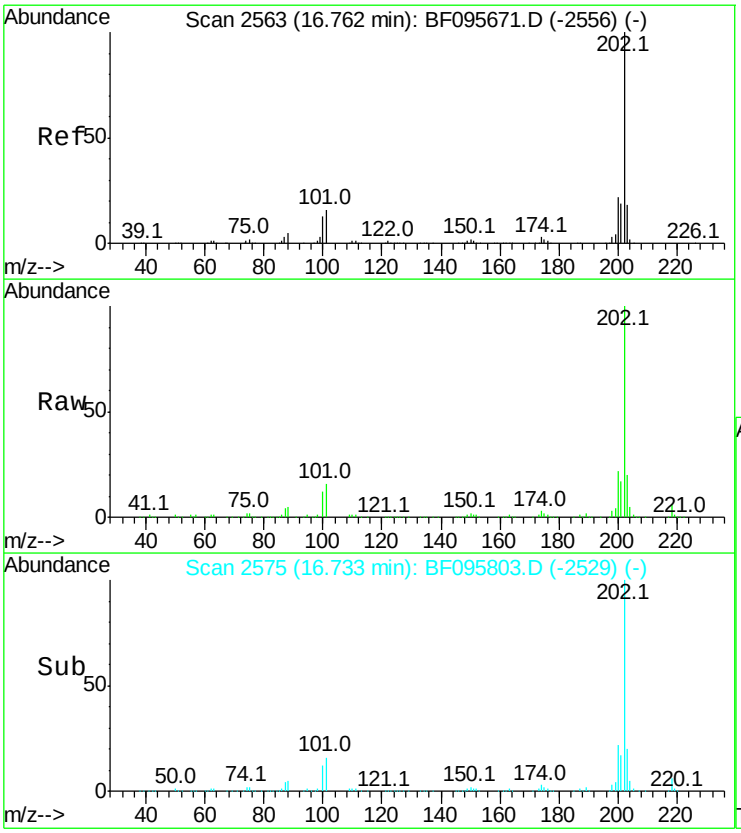
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 141189

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.4	20.5	30.7

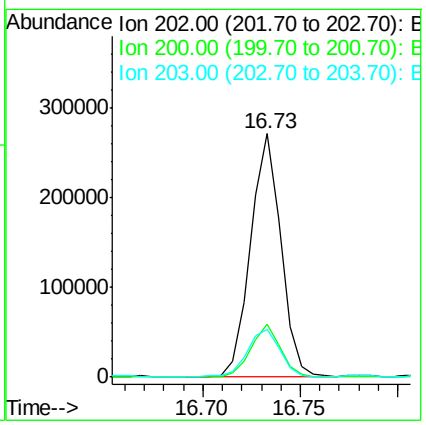


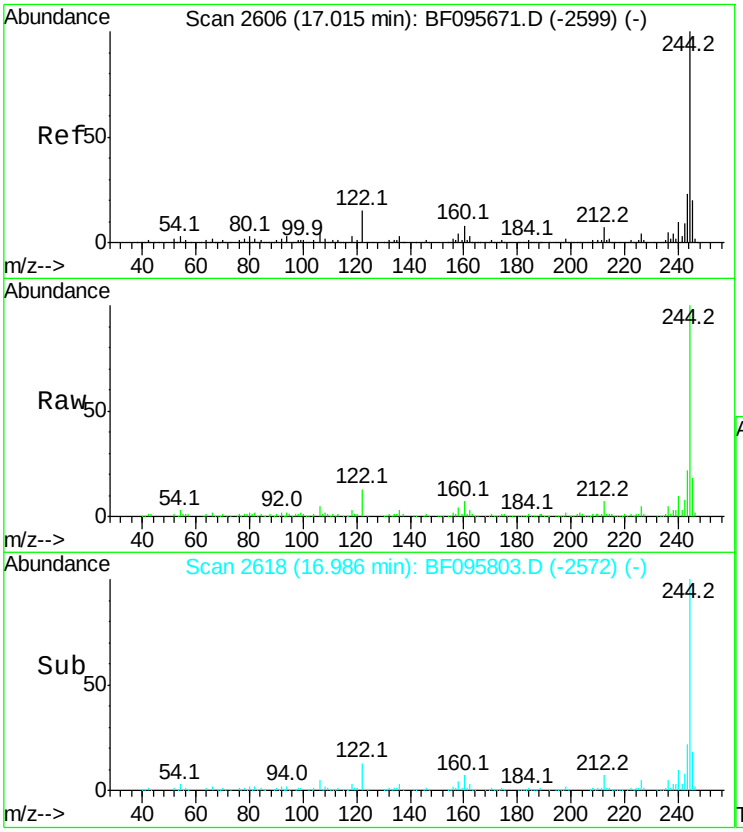


#77
Pyrene
Concen: 27.49 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:202 Resp: 289554

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	19.9	14.4	21.6



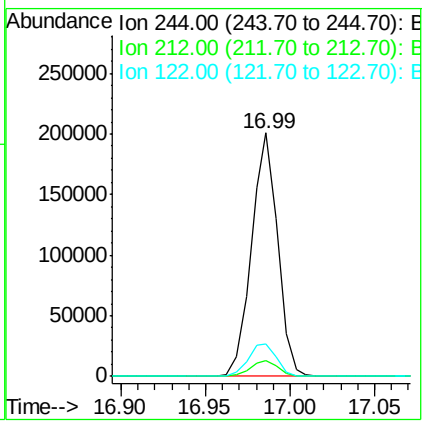


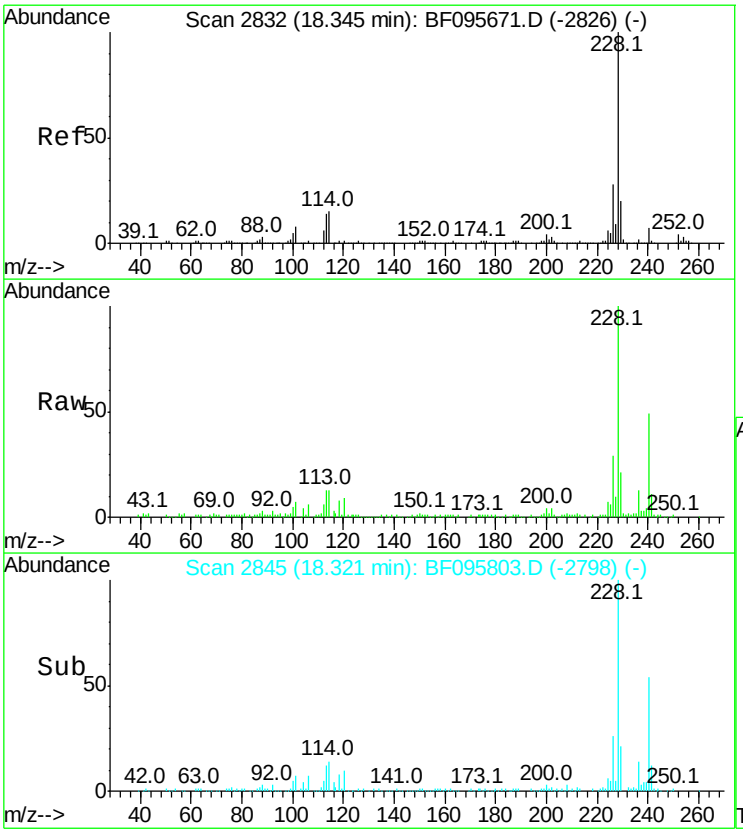
#78
Terphenyl-d14
Concen: 38.07 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 216599

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.5	10.3	15.5

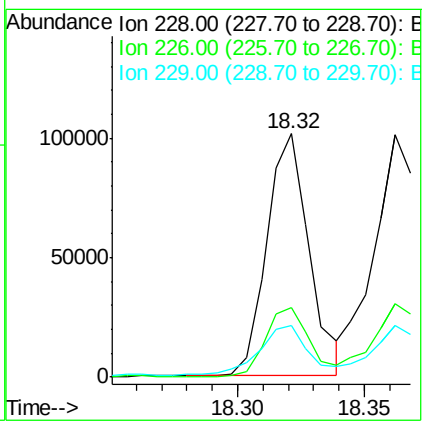


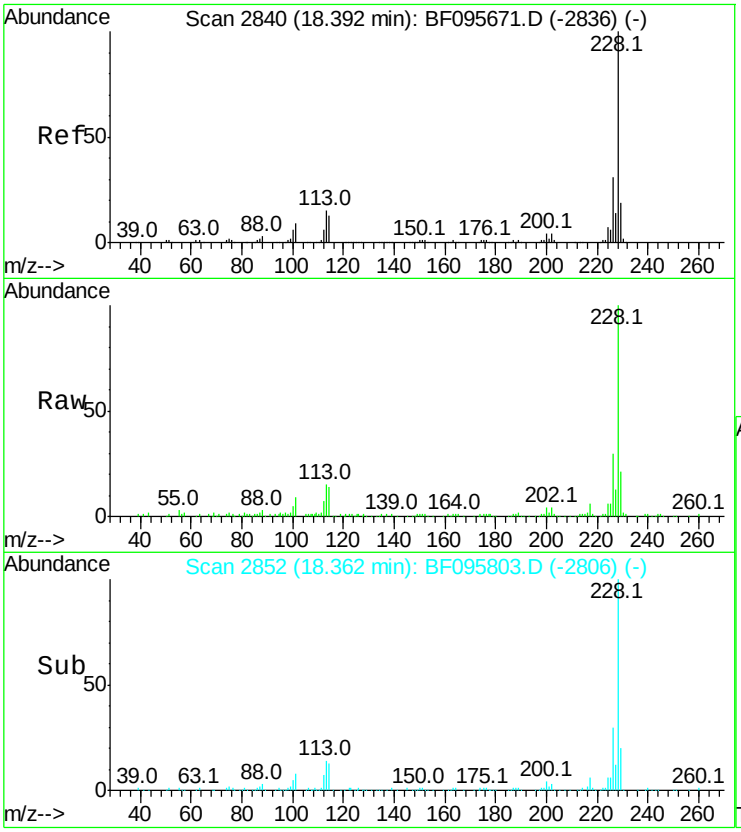


#80
Benzo(a)anthracene
Concen: 14.48 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:228 Resp: 118829

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.2	16.3	24.5



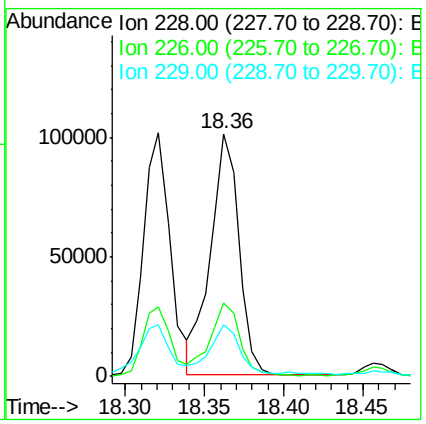


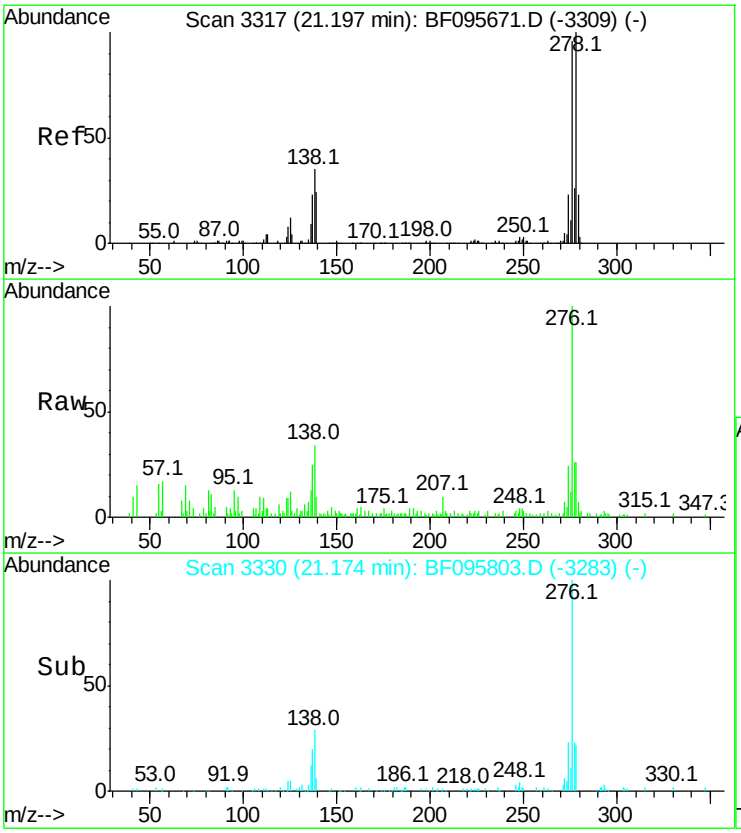
#82
Chrysene
Concen: 15.48 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126988

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.1	15.8	23.6

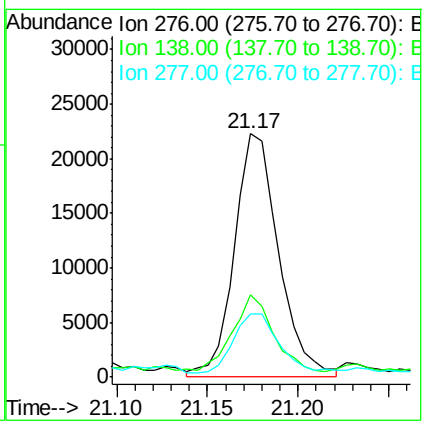


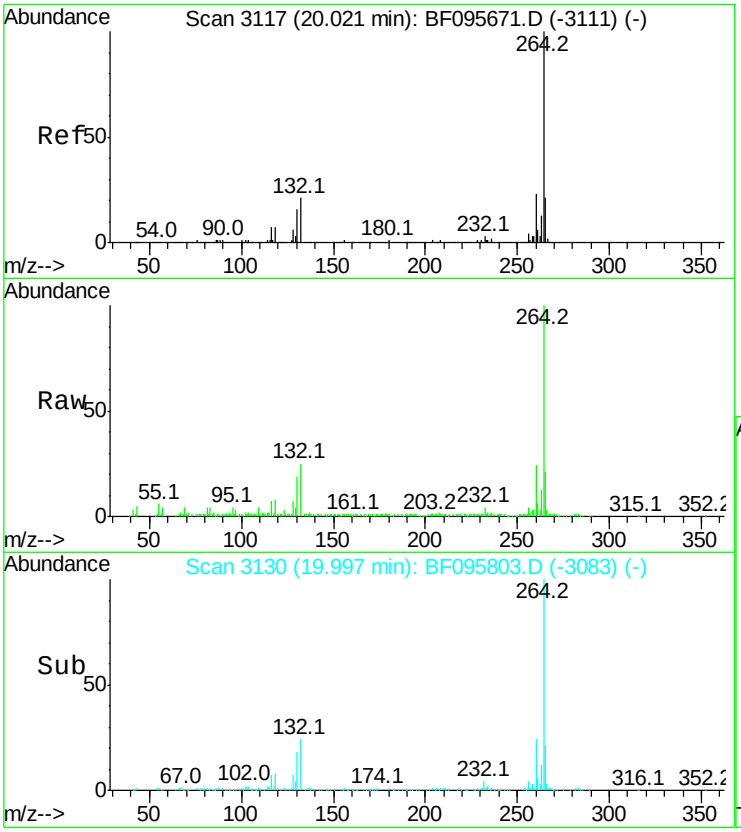


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.41 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:276 Resp: 38005

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	25.0	20.2	30.4



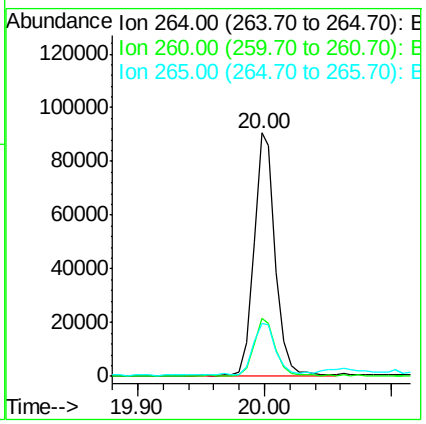


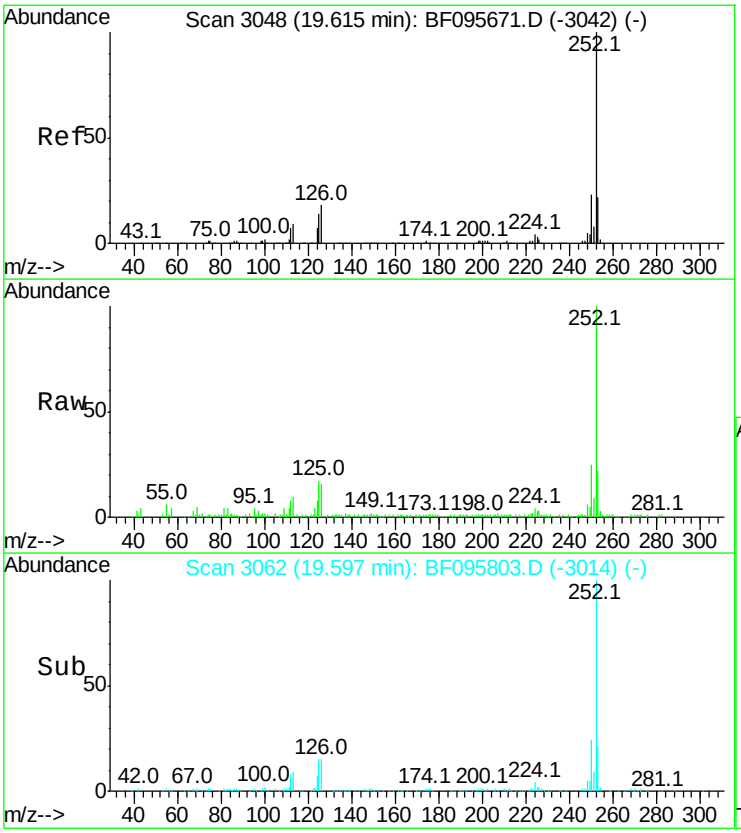
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 107458

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8

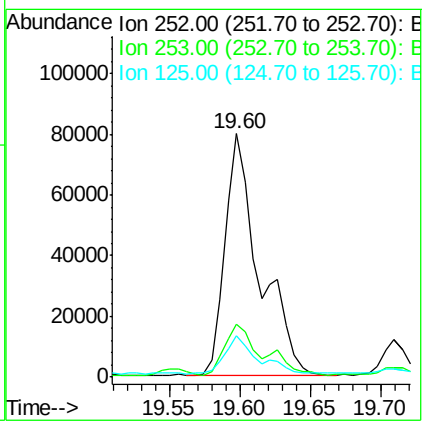


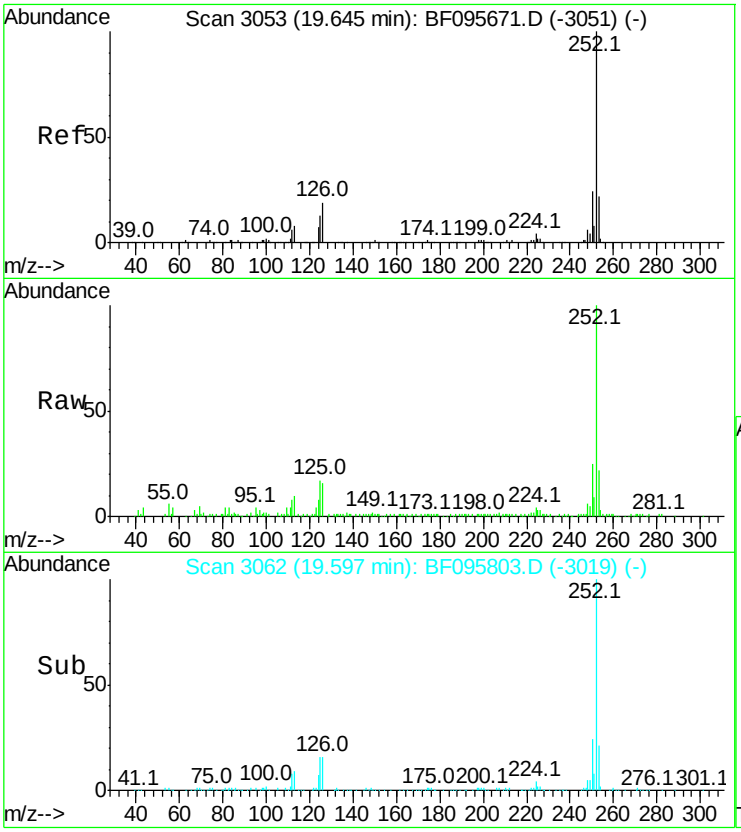


#87
Benzo(b)fluoranthene
Concen: 20.06 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:252 Resp: 134978

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	17.1	9.8	14.8#



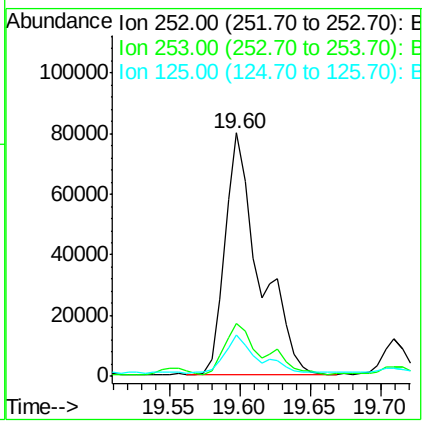


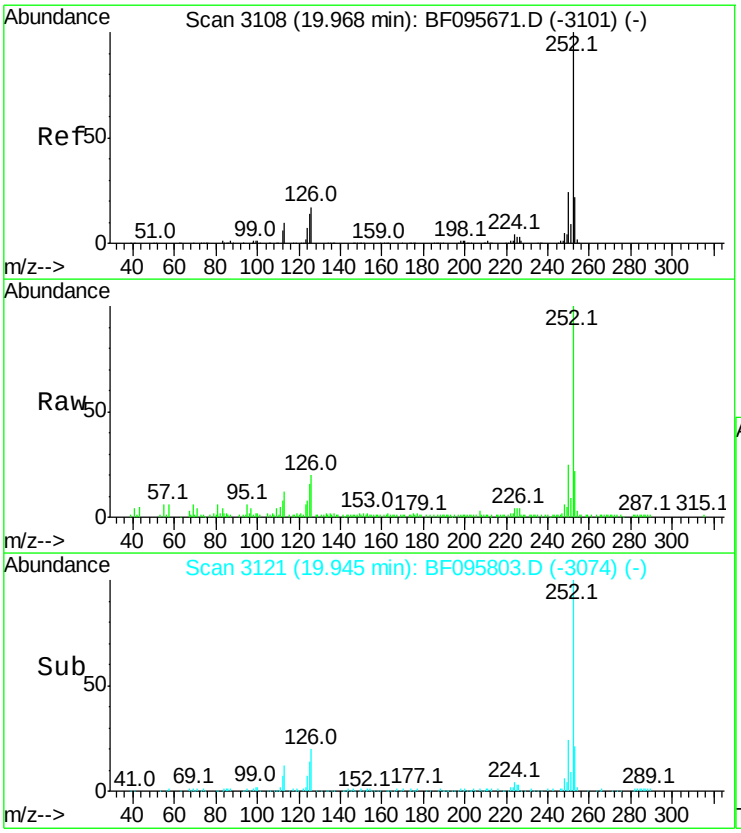
#88
Benzo(k)fluoranthene
Concen: 20.99 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.05 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 134978

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	17.1	13.1	19.7

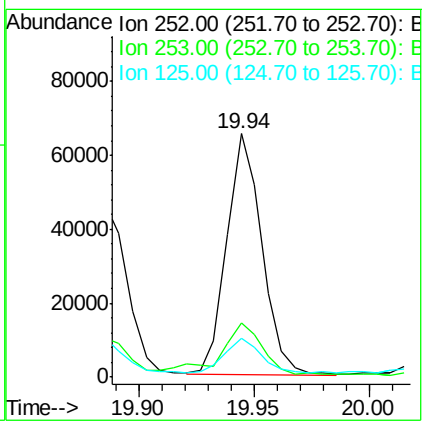


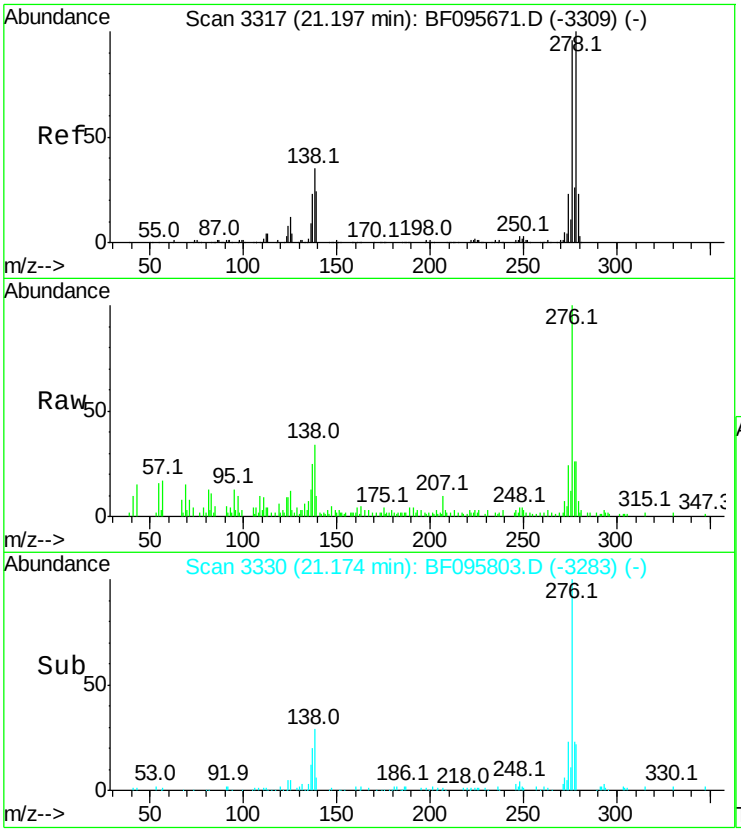


#89
Benzo(a)pyrene
Concen: 11.19 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:252 Resp: 69232

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.8	11.0	16.4



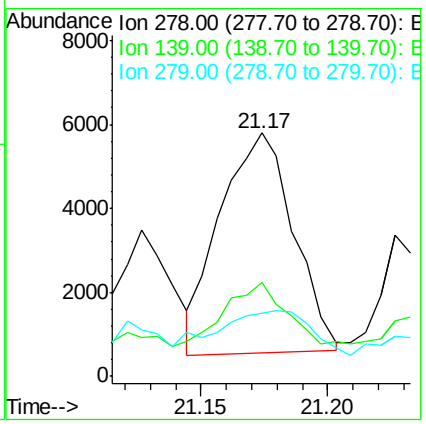


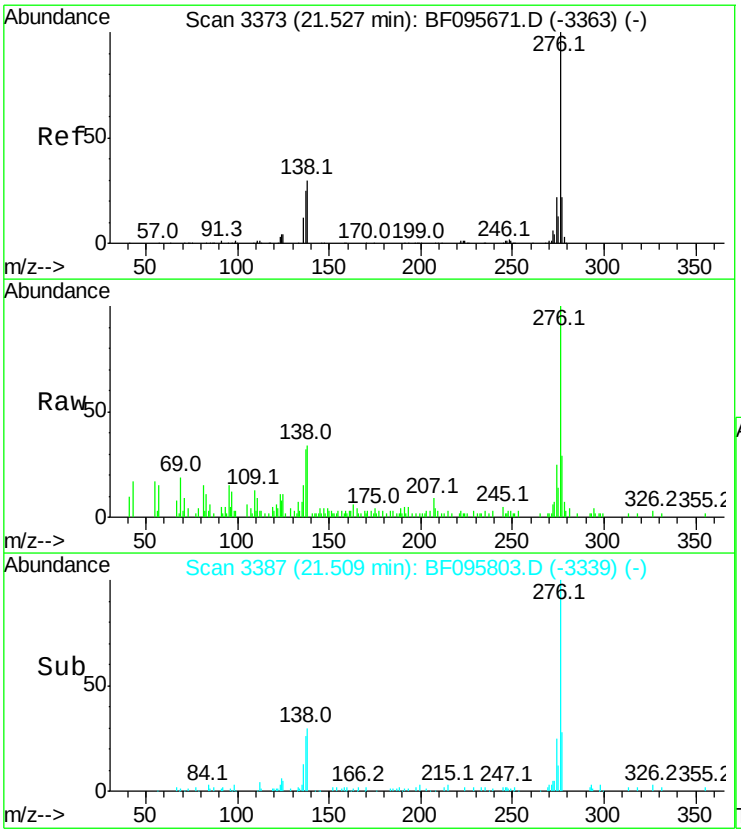
#90
Dibenzo(a,h)anthracene
Concen: 2.01 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 10548

Ion	Ratio	Lower	Upper
278	100		
139	38.4	16.6	24.8#
279	25.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 6.80 ng
RT: 21.51 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BF095803.D
Acq: 9 Jun 2017 1:50

Tgt Ion:276 Resp: 36395

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.6	28.0#
138	34.1	25.4	38.0