Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095439.D
Acq On : 25 May 2017 23:36
Operator : SJ/MA
Sample : I3200-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 01:16:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	98945	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	396776	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	169141	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	240079	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	200301	20.00	ng		-0.02
86) Perylene-d12	20.36	264	152644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	362355	61.06	ng		-0.02
7) Phenol-d6	7.30	99	444818	62.47	ng		-0.01
23) Nitrobenzene-d5	8.65	82	245642	39.04	ng		-0.02
41) 2,4,6-Tribromophenol	13.91	330	73010	52.71	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	532202	45.29	ng		-0.02
78) Terphenyl-d14	17.32	244	314335	34.57	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.65	70	27459	5.70	ng	#	77
49) Dimethylphthalate	12.24	163	122313	8.81	ng		98
70) Phenanthrene	15.04	178	252779	18.32	ng		96
71) Anthracene	15.13	178	51130	3.63	ng		97
74) Fluoranthene	16.78	202	377436	26.67	ng		98
76) Benzidine	16.75	184	117	6.61	ng	#	62
77) Pyrene	17.09	202	421929	28.17	ng		96
80) Benzo(a)anthracene	18.67	228	172178	14.77	ng		97
82) Chrysene	18.71	228	196745	17.45	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	21086	2.12	ng	#	92
85) Indeno(1,2,3-cd)pyrene	21.70	276	60020	6.56	ng		94
87) Benzo(b)fluoranthene	19.95	252	233235	24.73	ng	#	95
88) Benzo(k)fluoranthene	19.95	252	233235	25.64	ng		99
89) Benzo(a)pyrene	20.30	252	120349	13.83	ng		96
90) Dibenzo(a,h)anthracene	21.69	278	18672	2.60	ng	#	89
91) Benzo(g,h,i)perylene	22.09	276	61961	8.78	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 25 May 2017 23:36
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: May 26 01:16:13 2017
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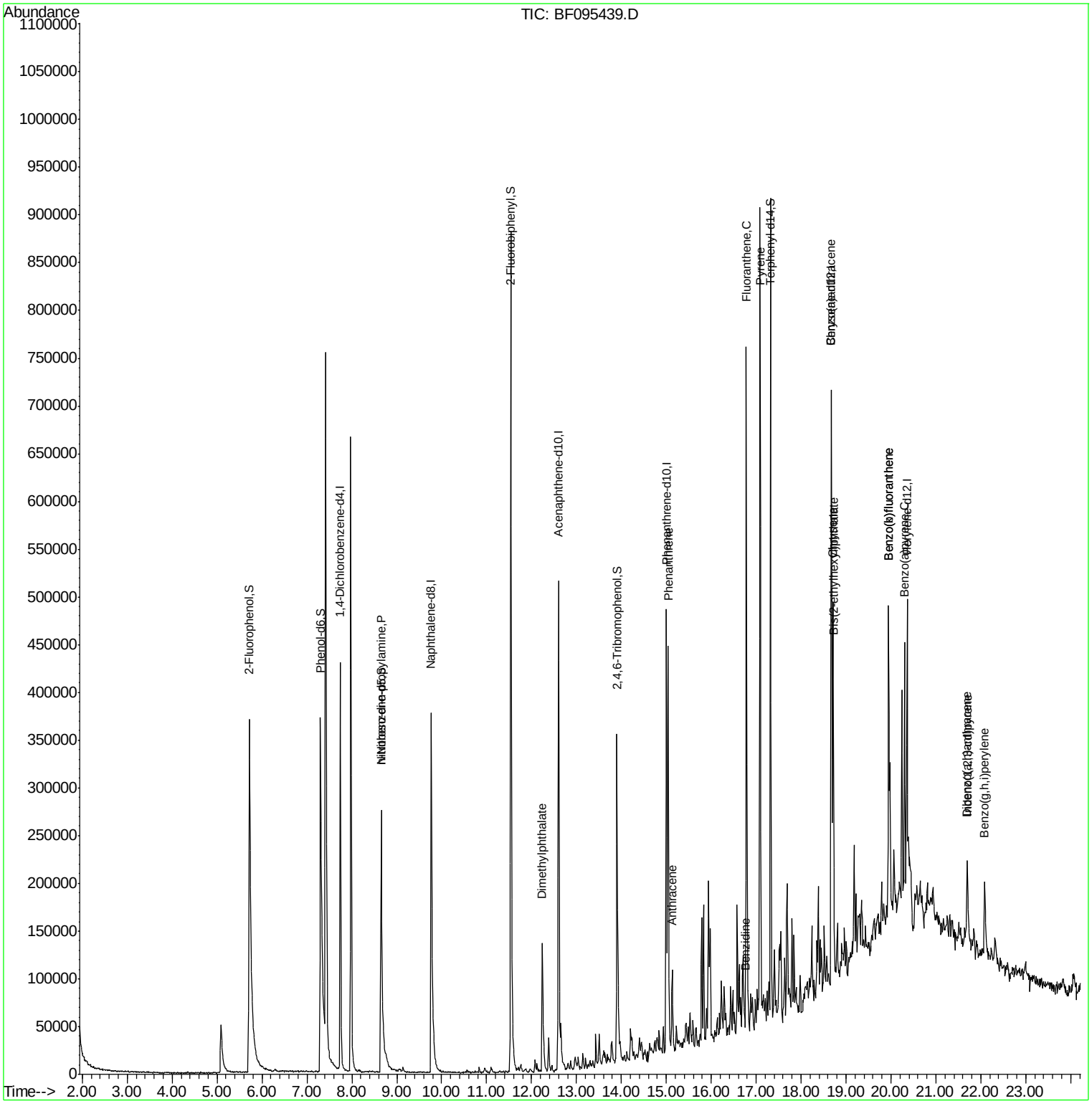
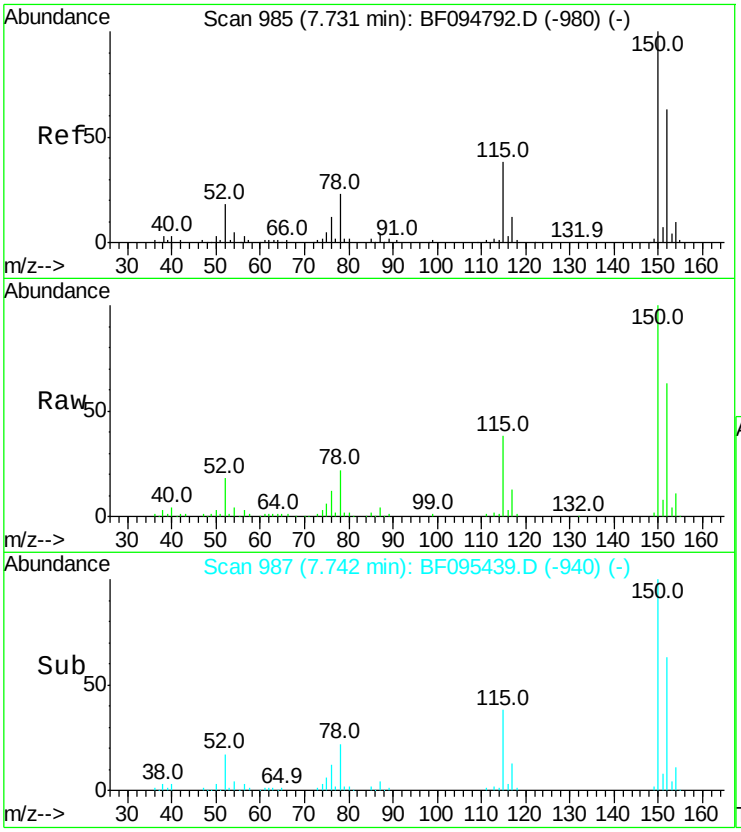


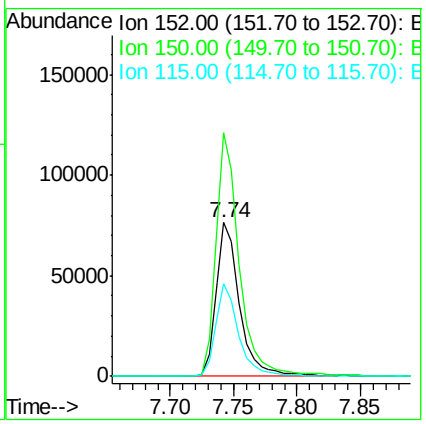


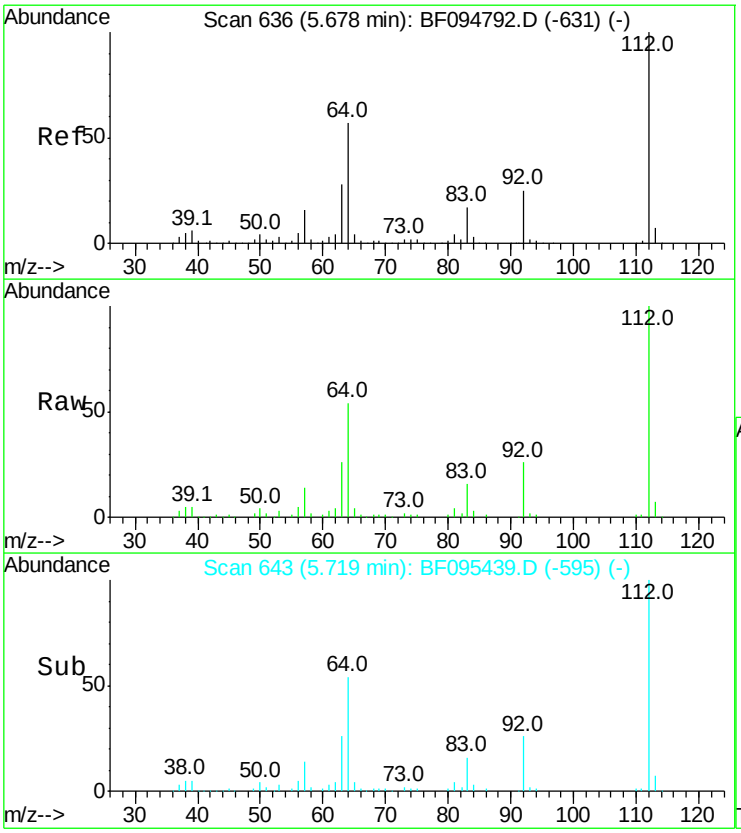
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98945

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	59.9	52.2	78.2

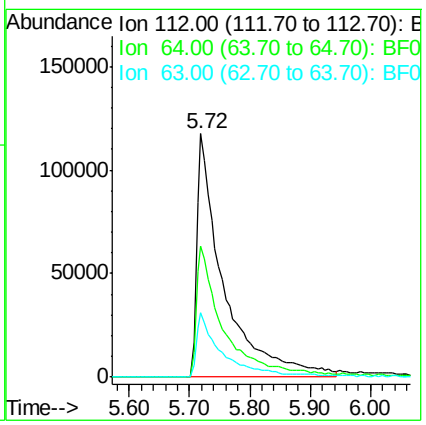


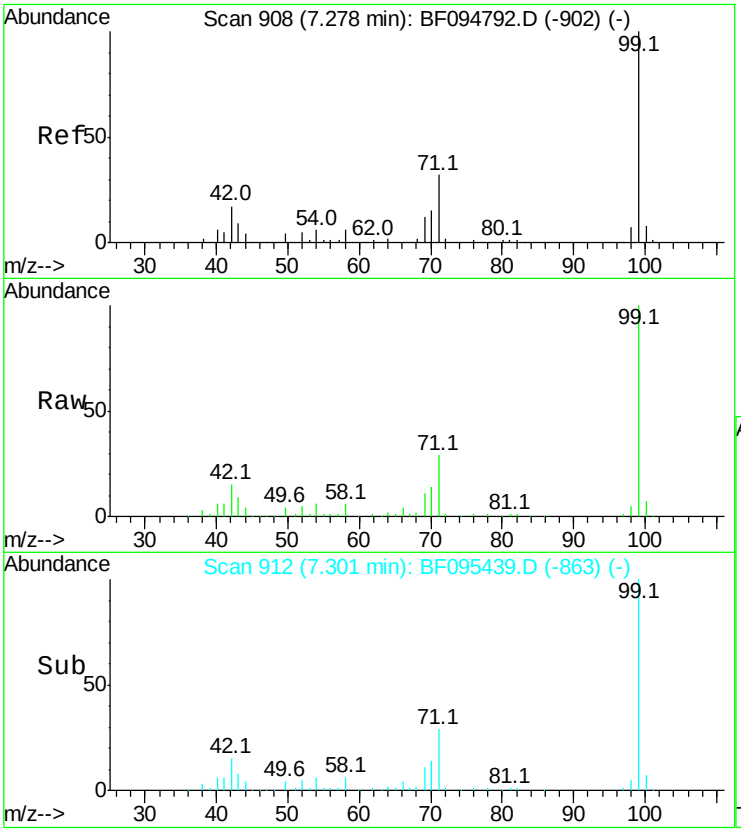


#5
2-Fluorophenol
Concen: 61.06 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:112 Resp: 362355

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.4	23.4	35.0



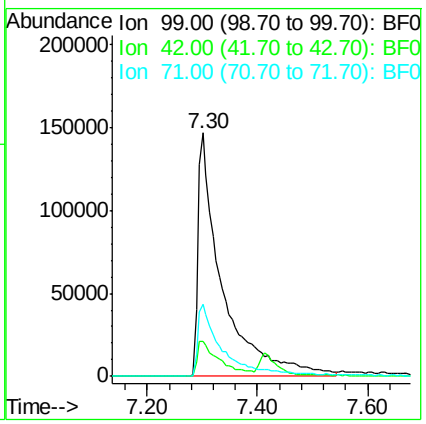


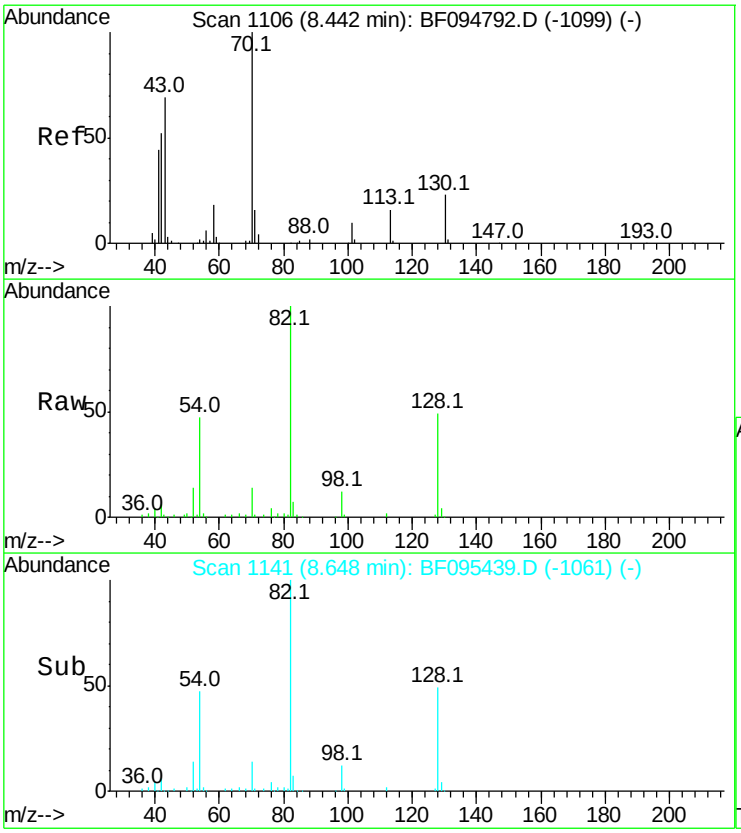
#7
Phenol-d6
Concen: 62.47 ng
RT: 7.30 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 444818

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	29.4	24.5	36.7

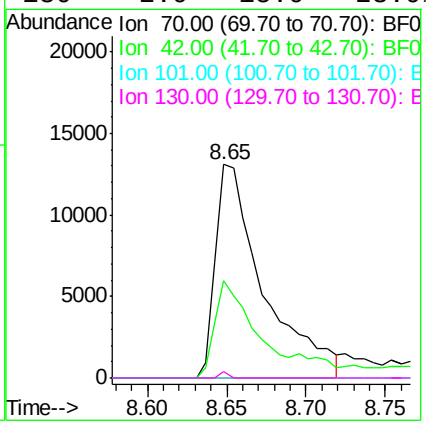


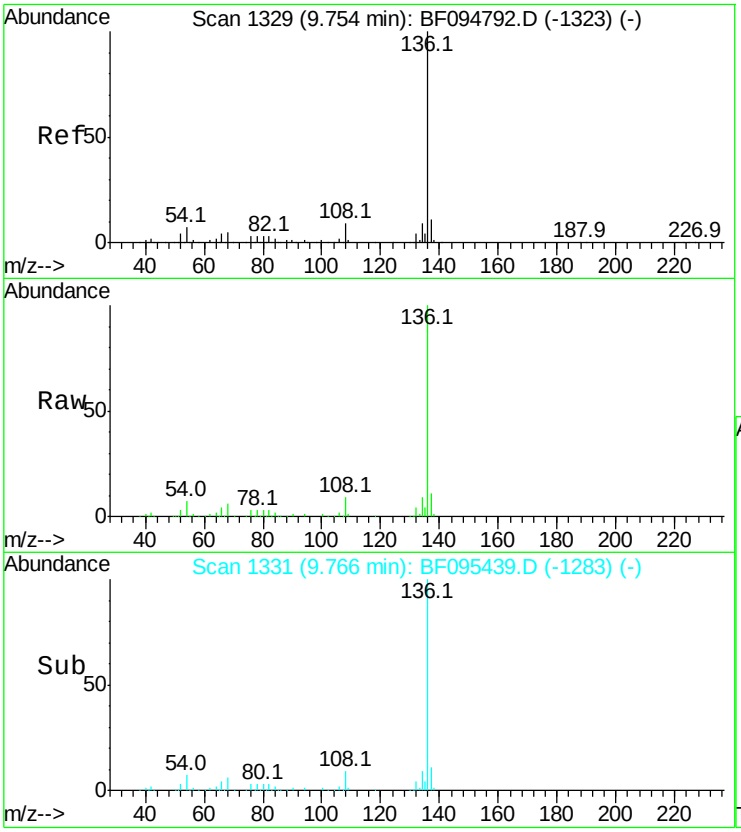


#19
n-Nitroso-di-n-propylamine
Concen: 5.70 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.17 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion: 70 Resp: 27459

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



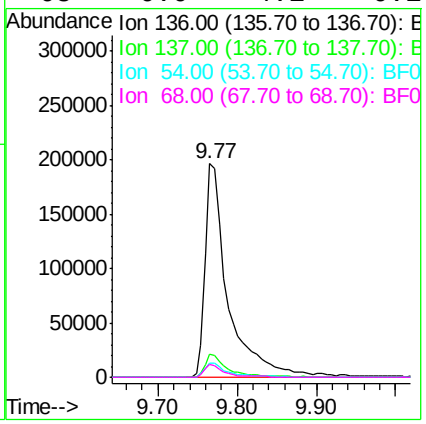


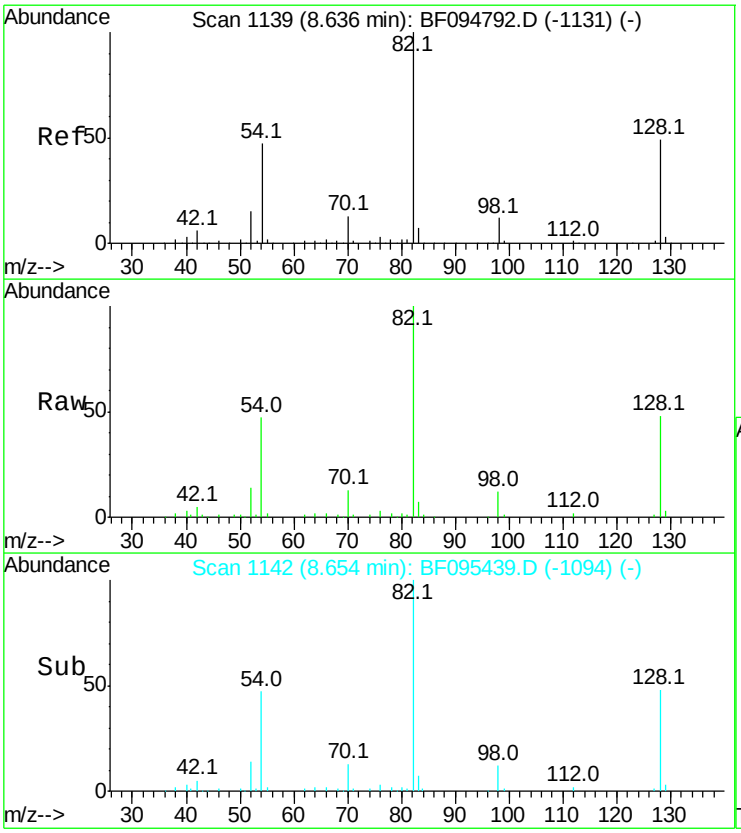
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 396776

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	6.0	4.1	6.1

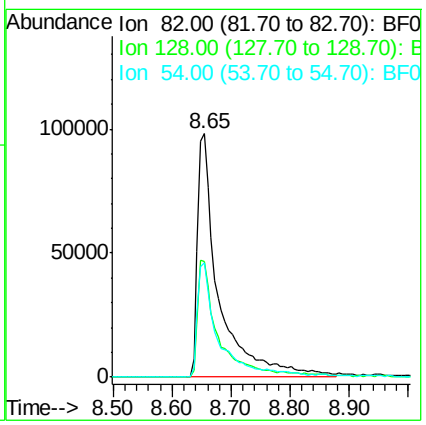


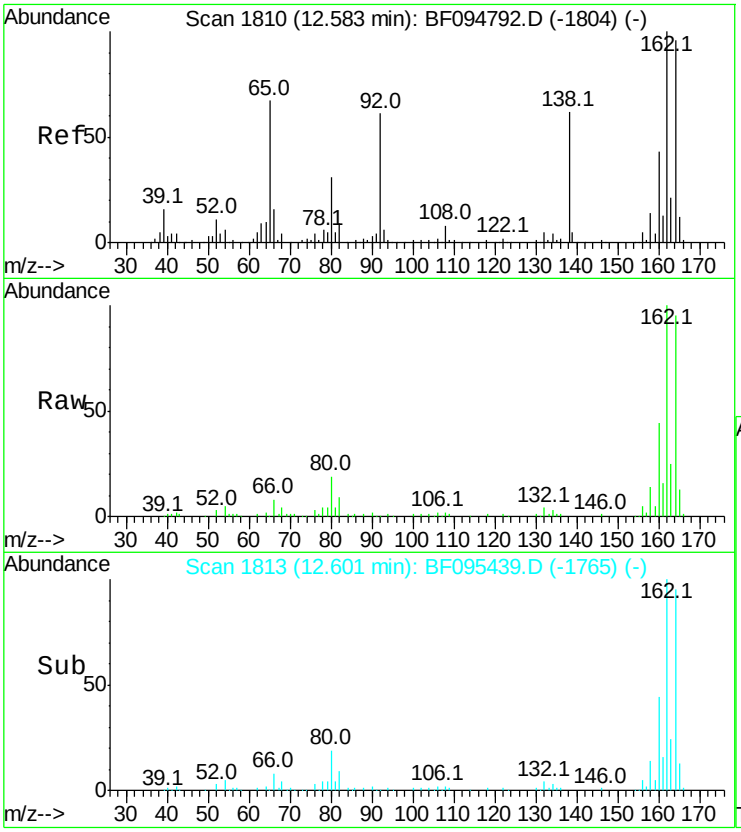


#23
Nitrobenzene-d5
Concen: 39.04 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion: 82 Resp: 245642

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.7	42.2	63.2



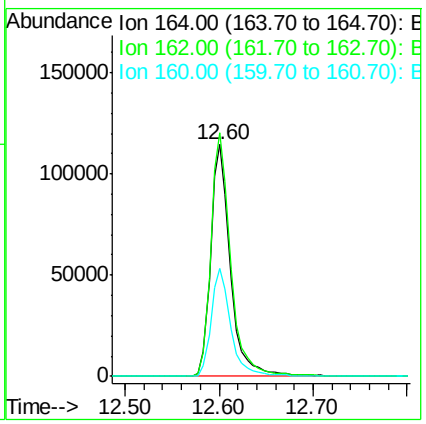


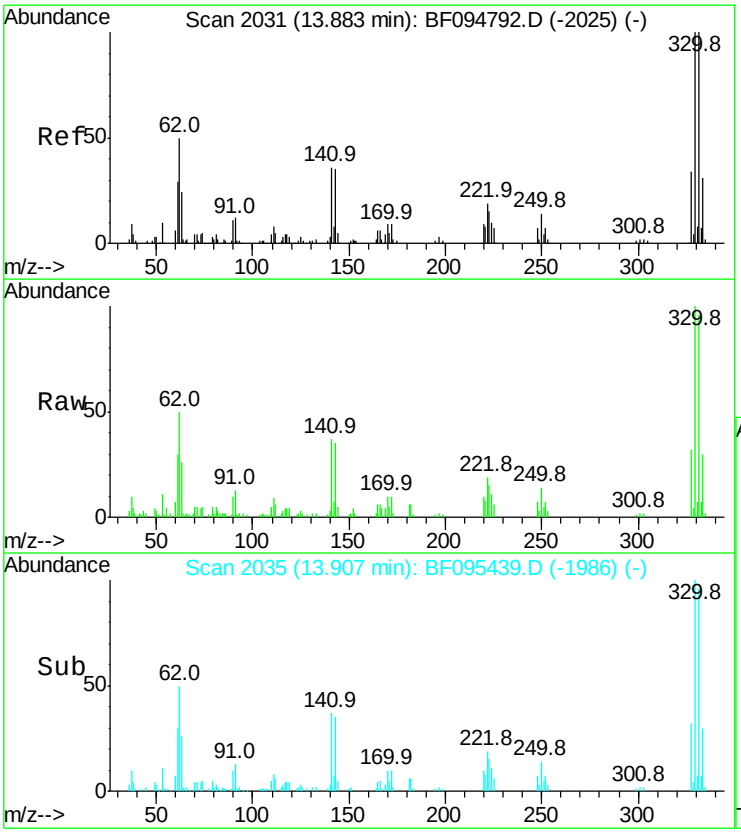
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169141

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.6	36.2	54.2

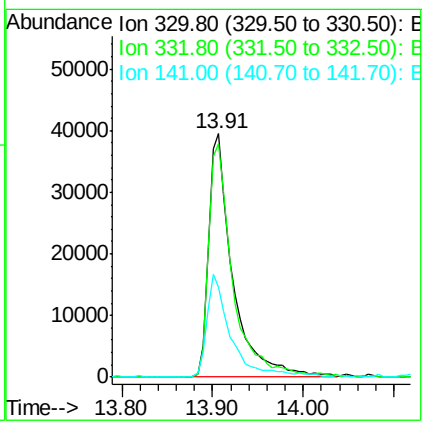


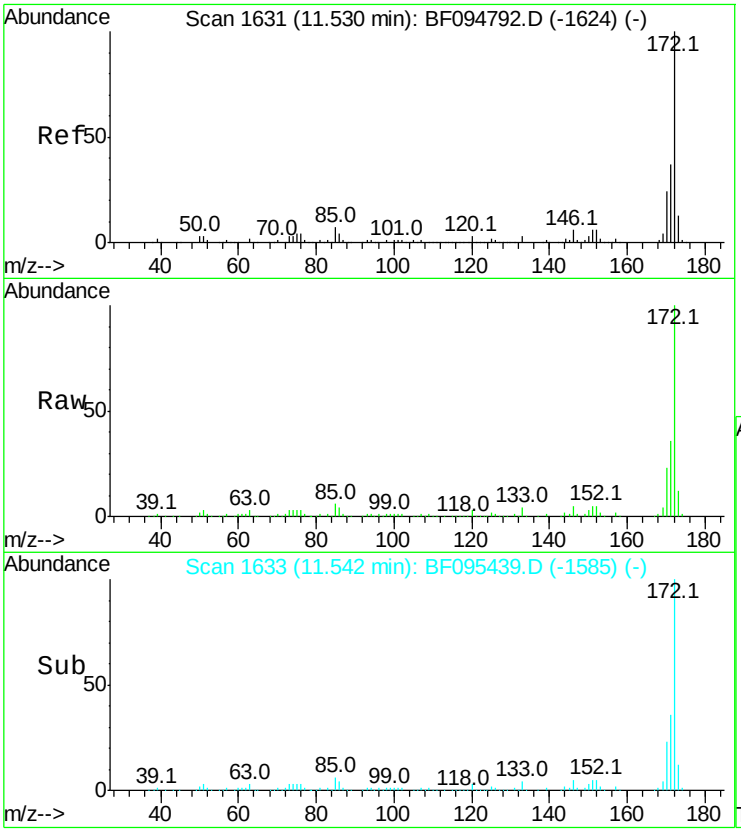


#41
2,4,6-Tribromophenol
Concen: 52.71 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:330 Resp: 73010

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	42.5	31.4	47.2



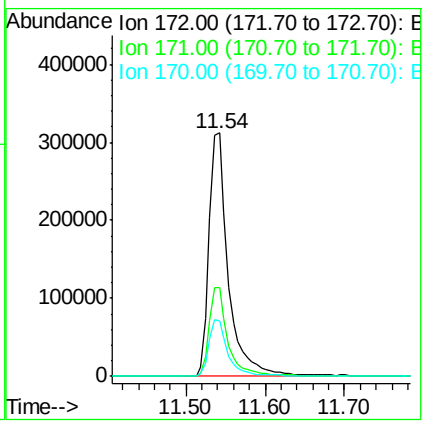


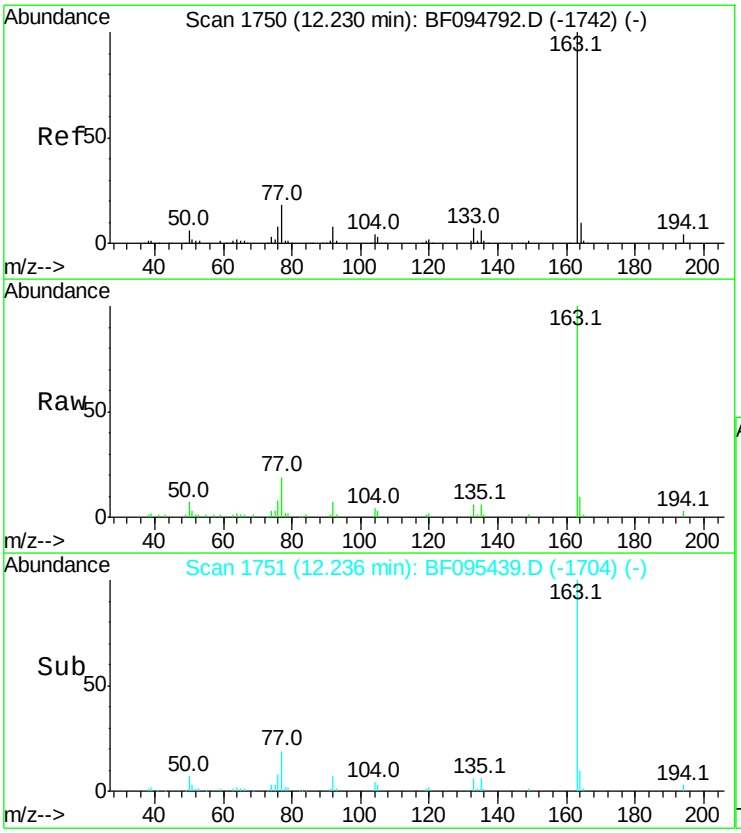
#44
2-Fluorobiphenyl
Concen: 45.29 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 532202

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	22.6	19.8	29.8

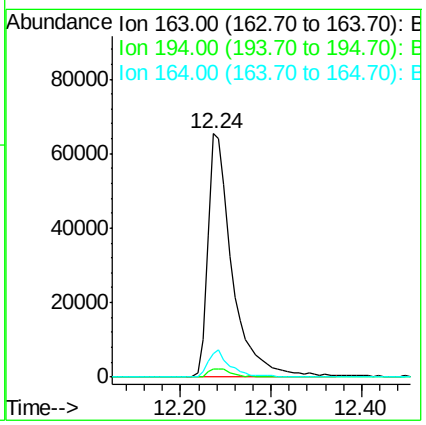


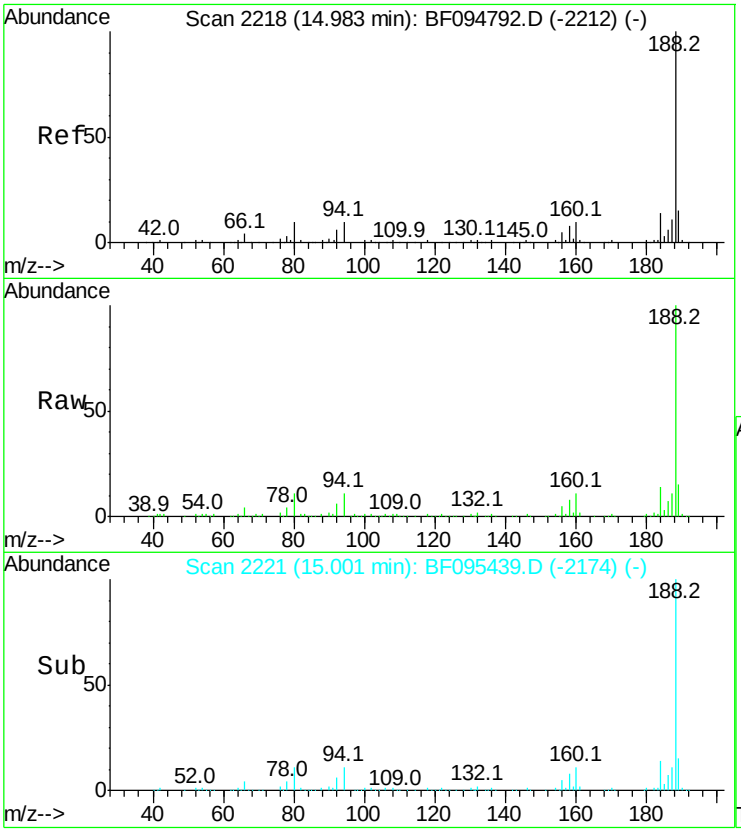


#49
Dimethylphthalate
Concen: 8.81 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:163 Resp: 122313

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



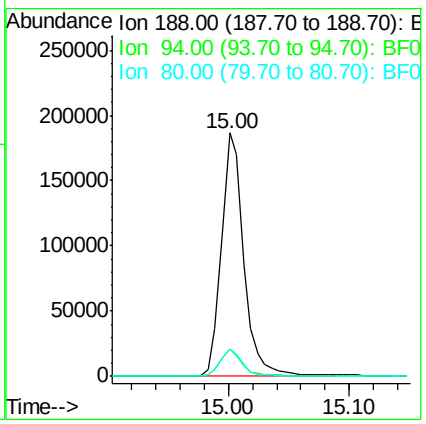


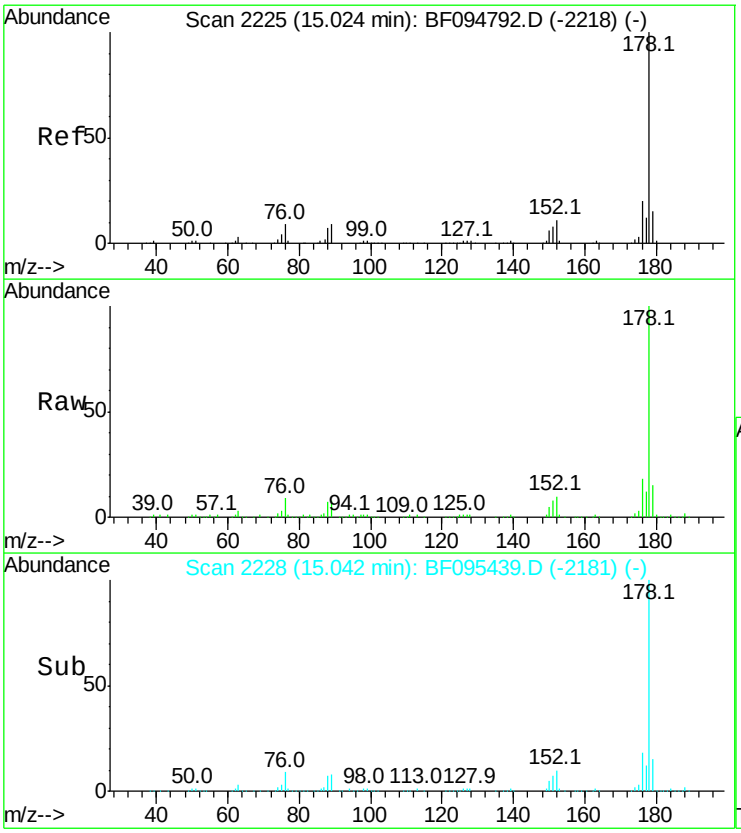
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 240079

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

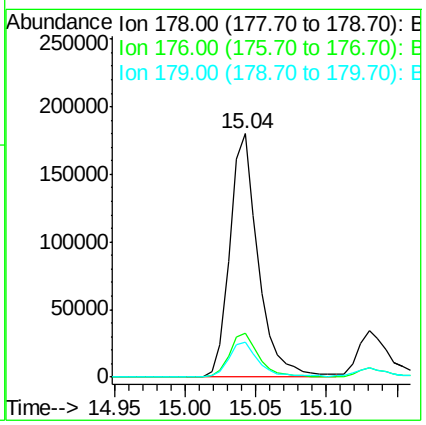


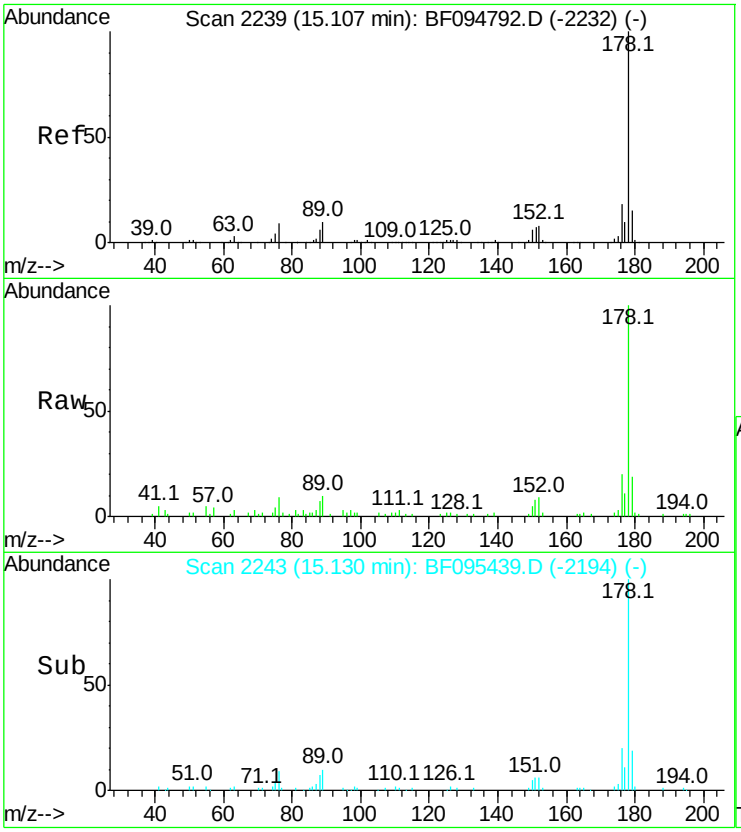


#70
Phenanthrene
Concen: 18.32 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:178 Resp: 252779

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	14.5	12.6	19.0



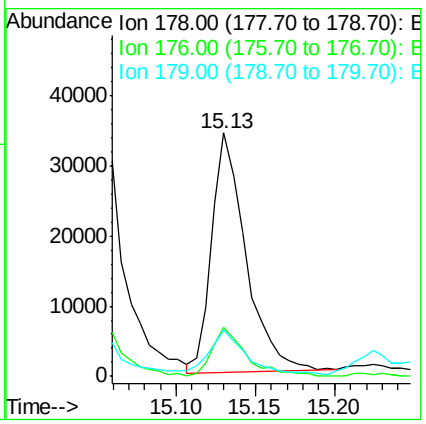


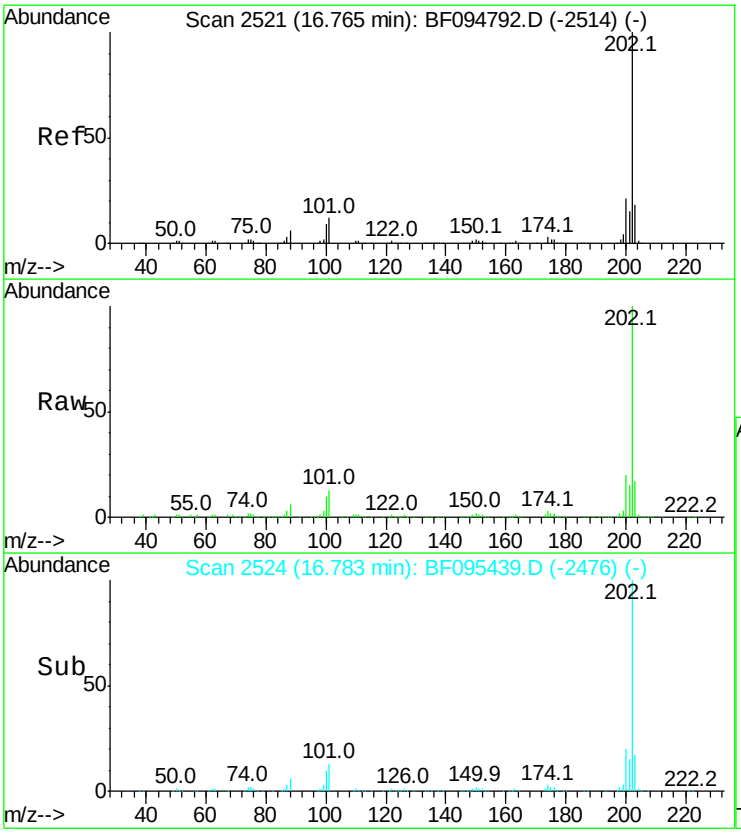
#71
Anthracene
Concen: 3.63 ng
RT: 15.13 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 51130

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	18.9	12.7	19.1

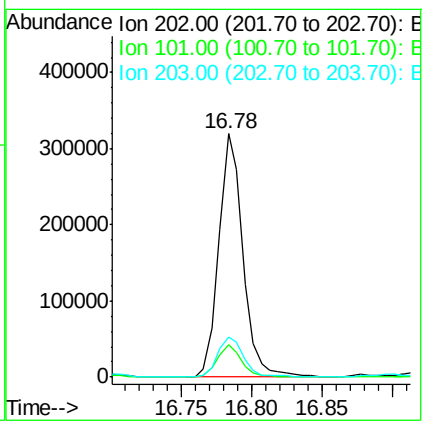


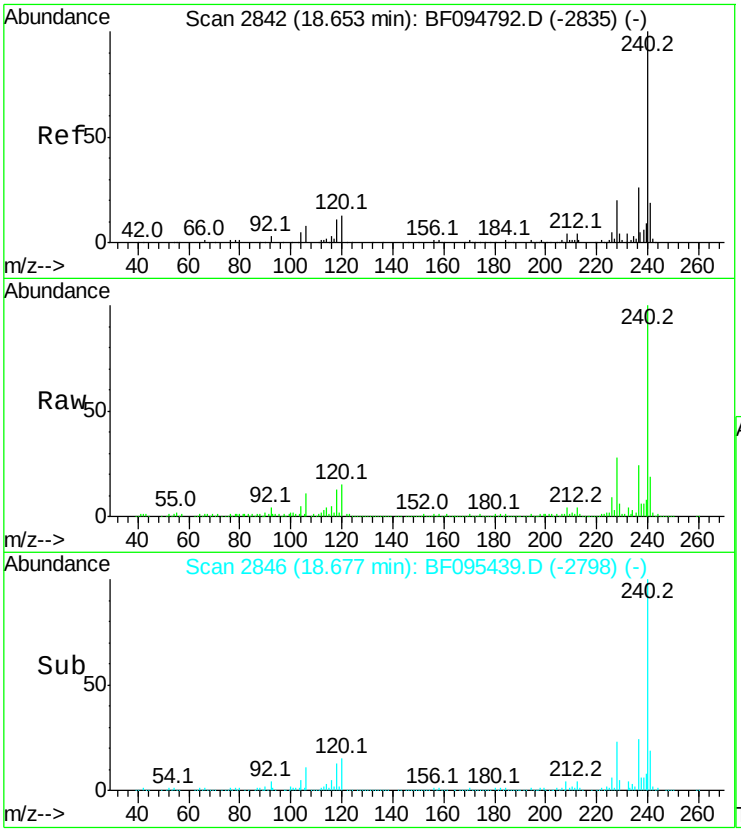


#74
Fluoranthene
Concen: 26.67 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:202 Resp: 377436

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.7	0.0	38.1



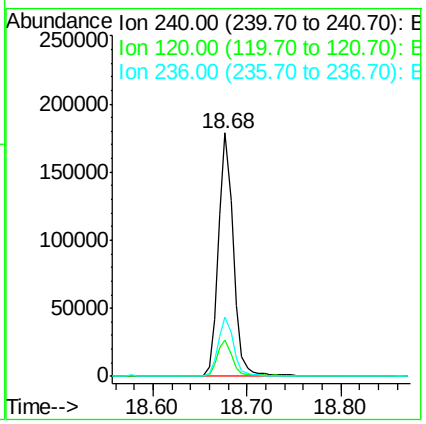


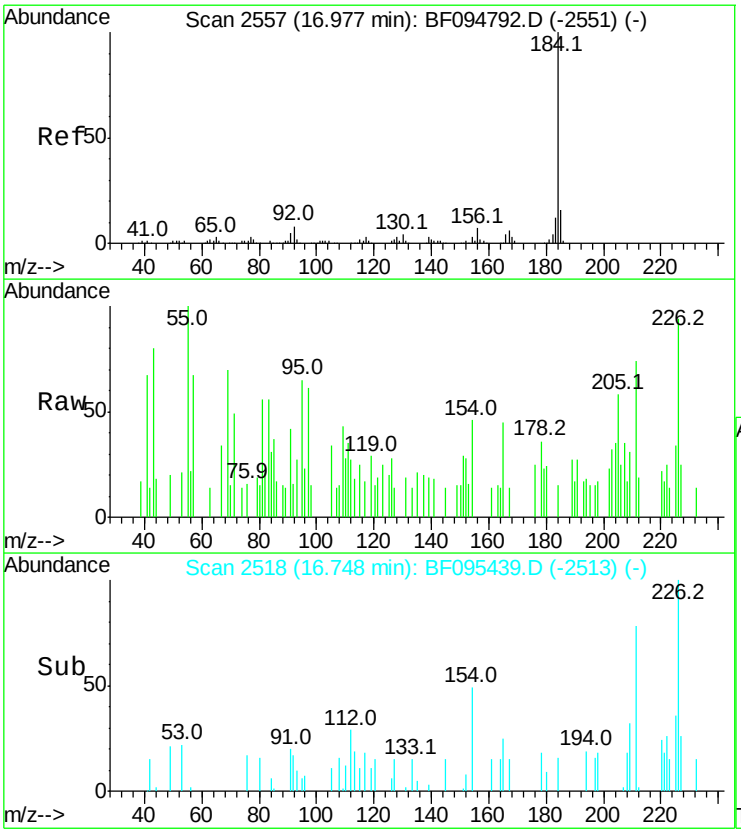
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 200301

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.5	20.5	30.7

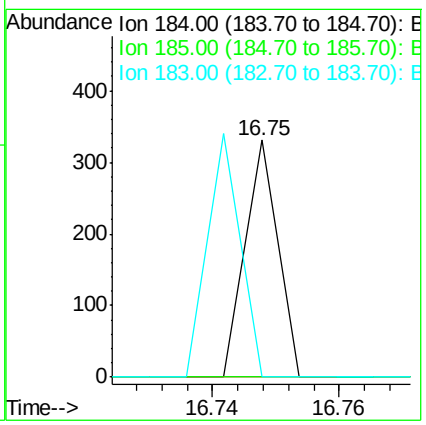


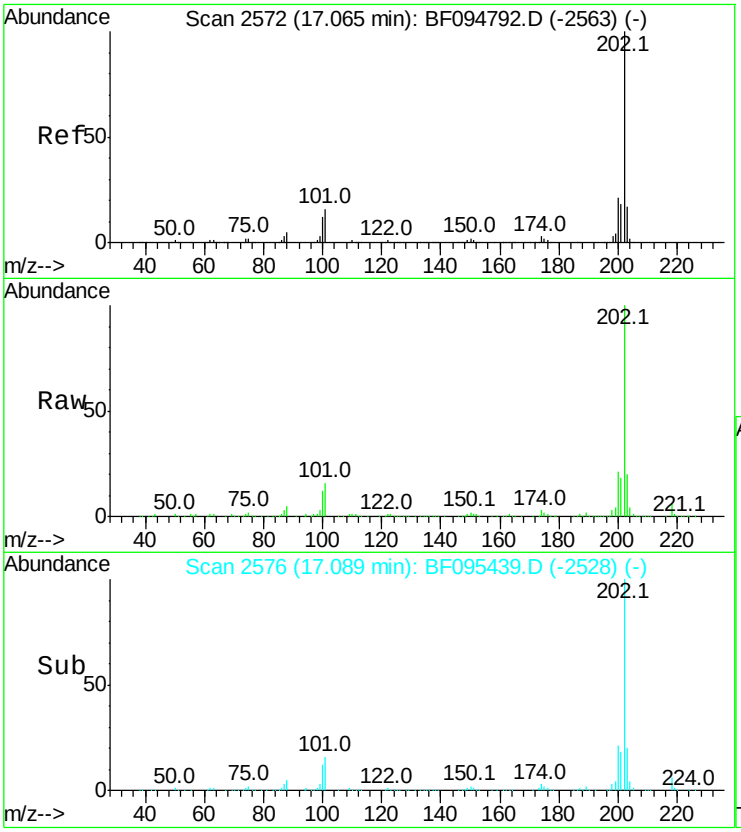


#76
Benzidine
Concen: 6.61 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.27 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:184 Resp: 117

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	0.0	9.8	14.6#



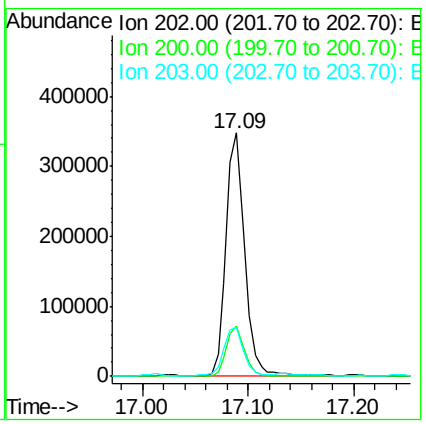


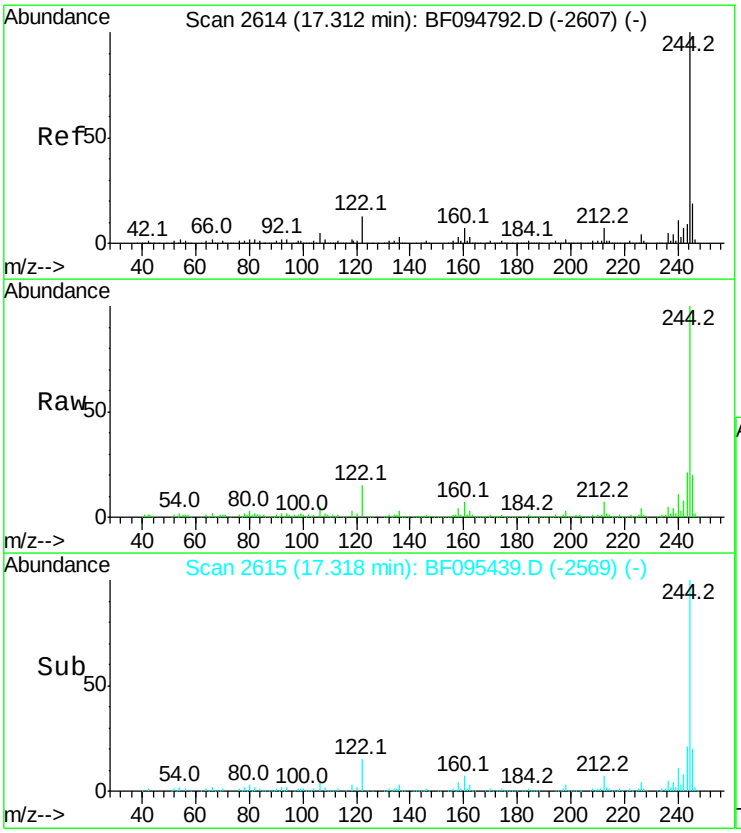
#77
Pyrene
Concen: 28.17 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 421929

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.0	14.4	21.6

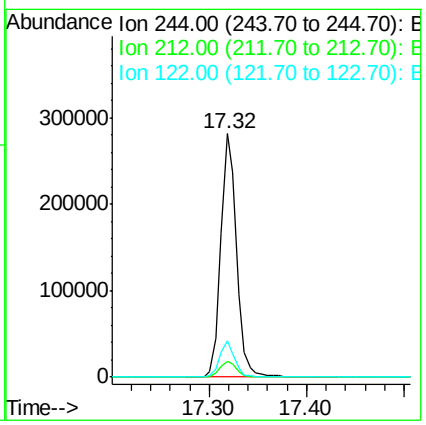


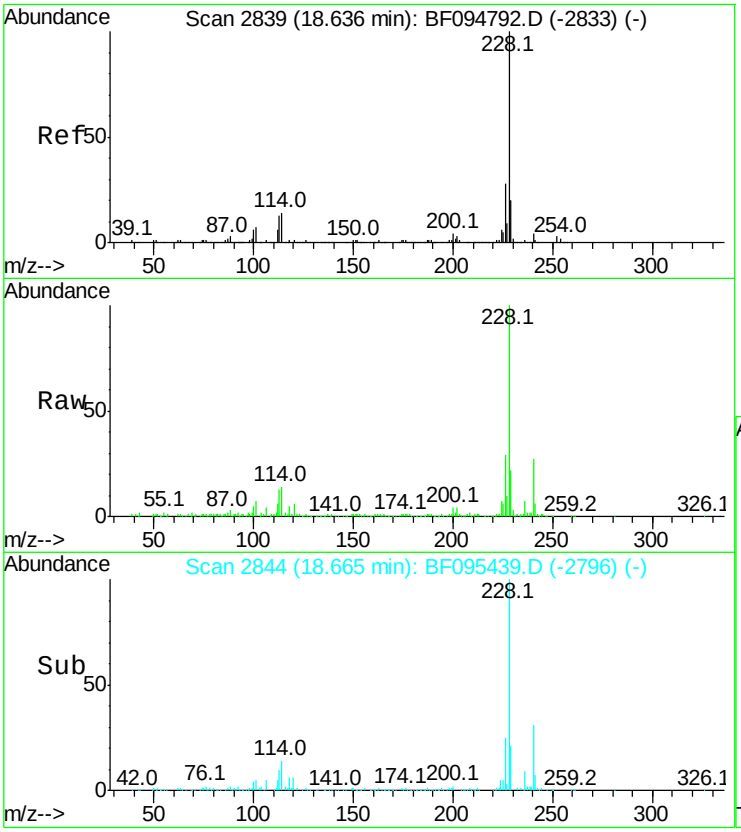


#78
Terphenyl-d14
Concen: 34.57 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.03 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:244 Resp: 314335

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5



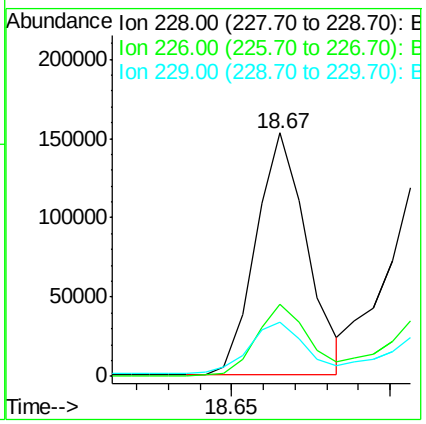


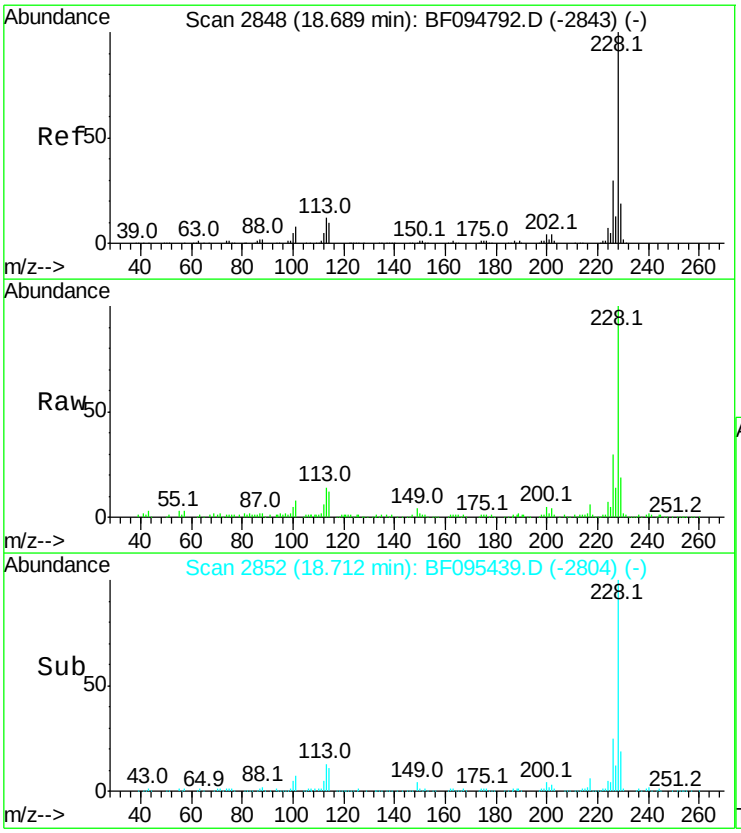
#80
Benzo(a)anthracene
Concen: 14.77 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 172178

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.3	16.3	24.5

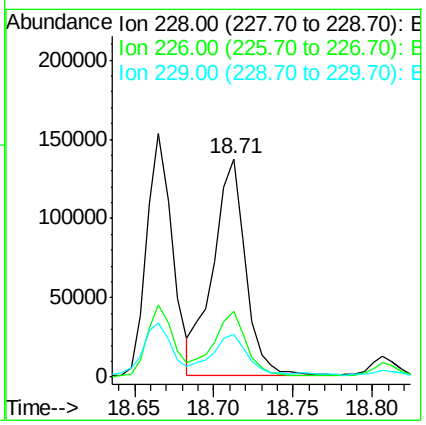


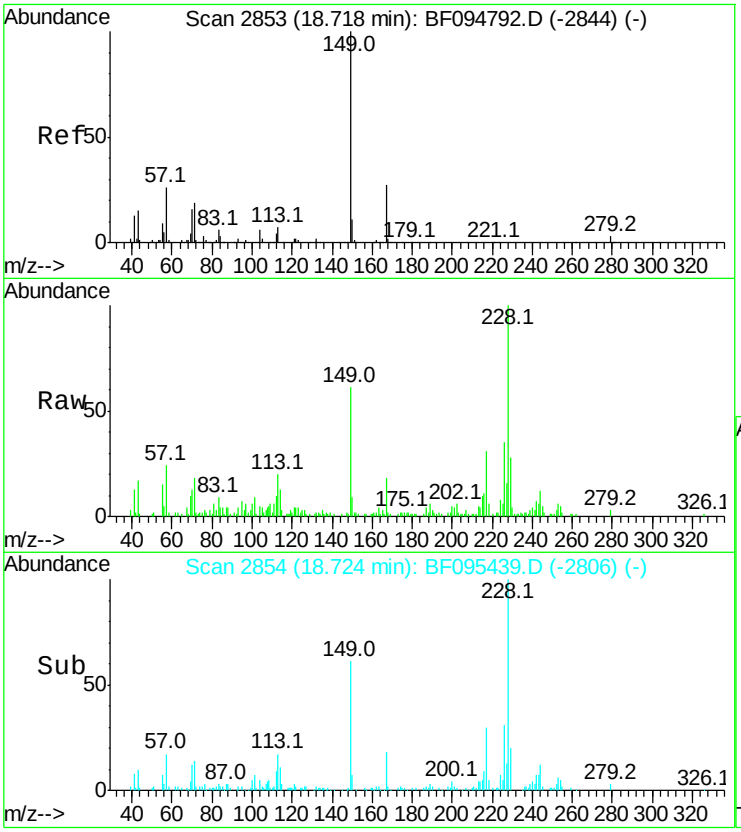


#82
Chrysene
Concen: 17.45 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:228 Resp: 196745

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.3	15.8	23.6



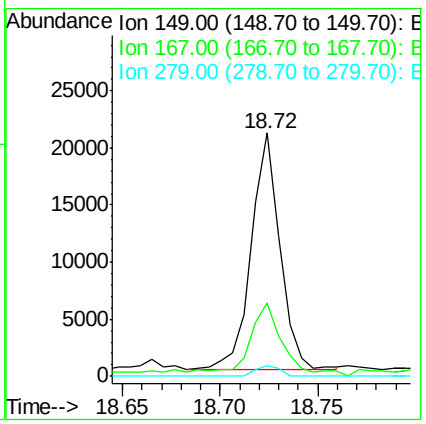


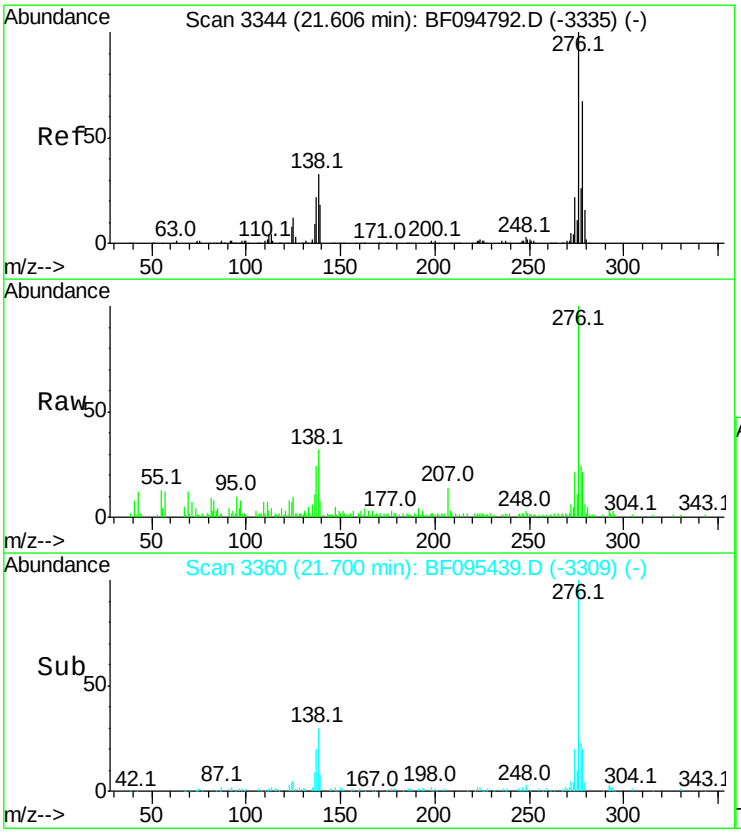
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.12 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21086

Ion	Ratio	Lower	Upper
149	100		
167	30.4	21.0	31.4
279	4.2	1.9	2.9#

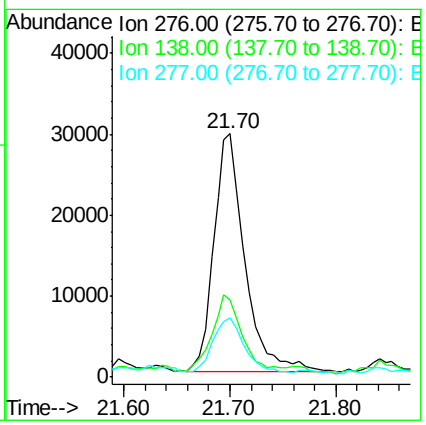


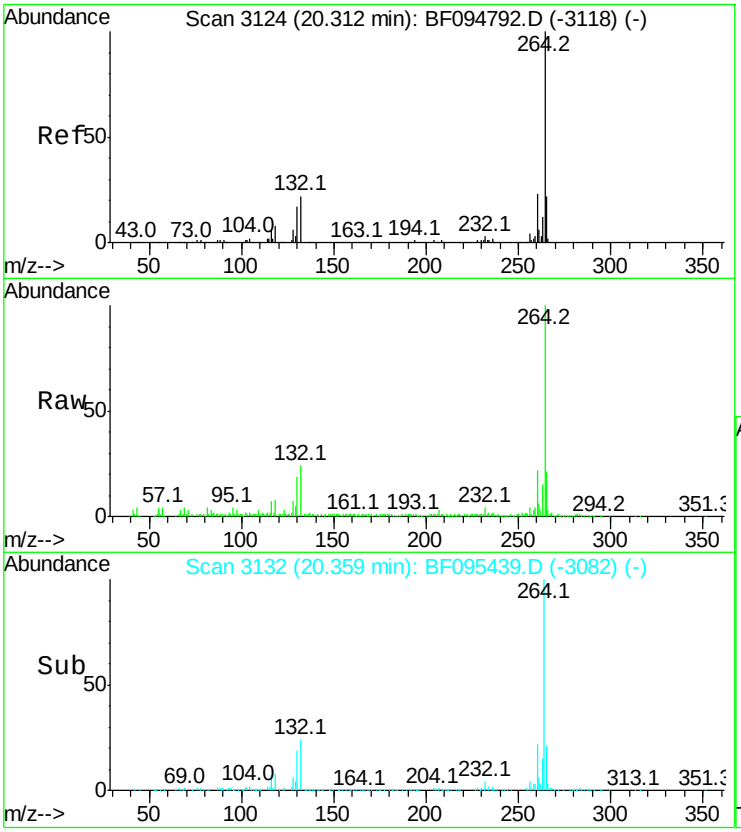


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.56 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:276 Resp: 60020

Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	23.3	20.2	30.4



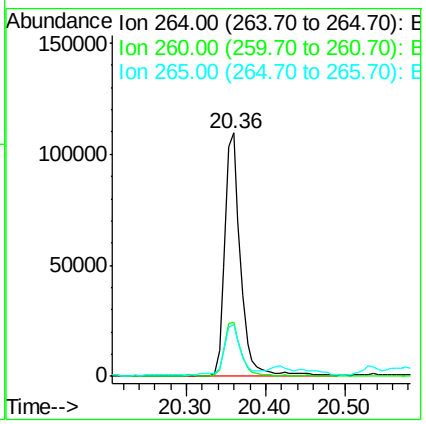


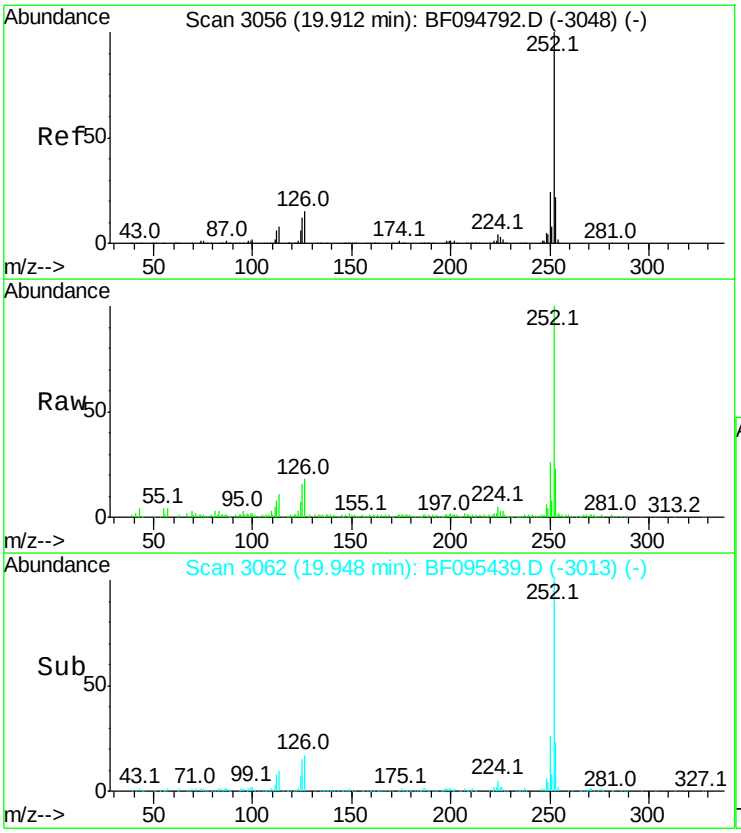
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 152644

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.5	17.2	25.8

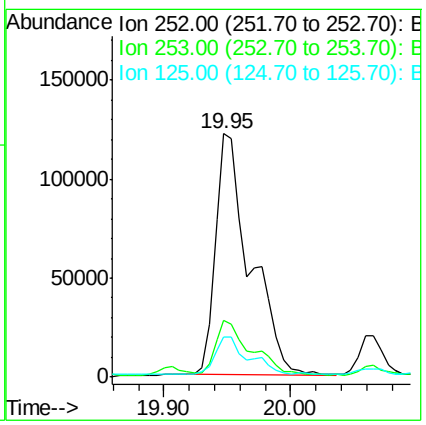


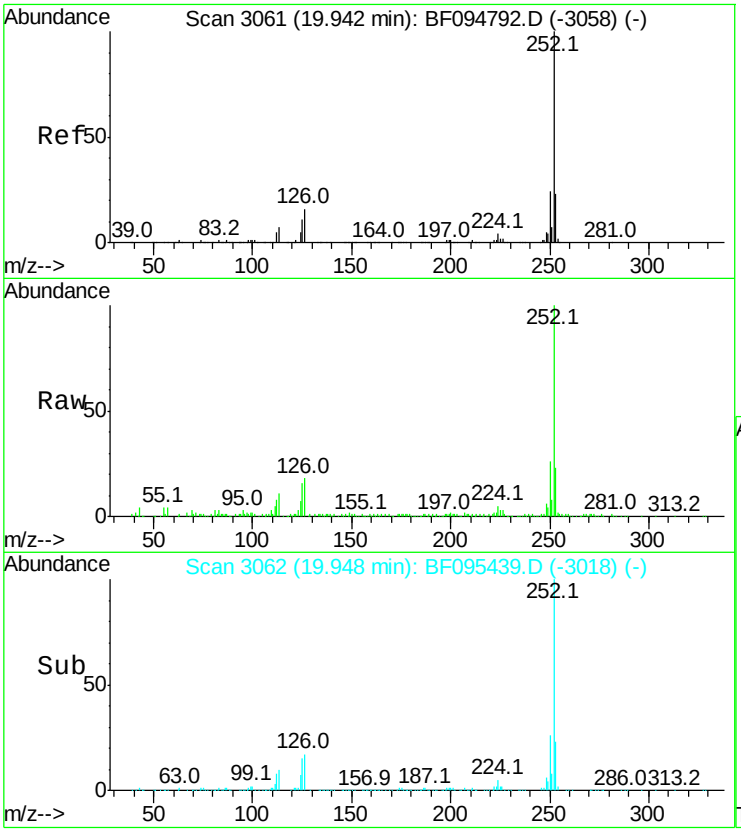


#87
Benzo(b)fluoranthene
Concen: 24.73 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:252 Resp: 233235

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	16.4	9.8	14.8#



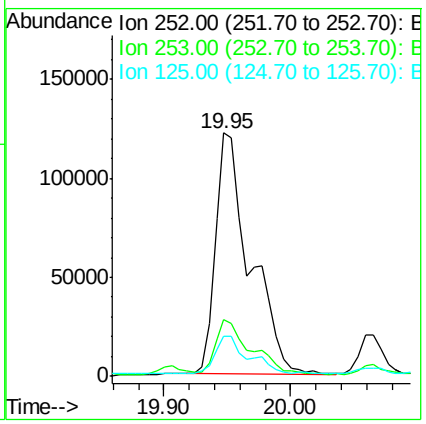


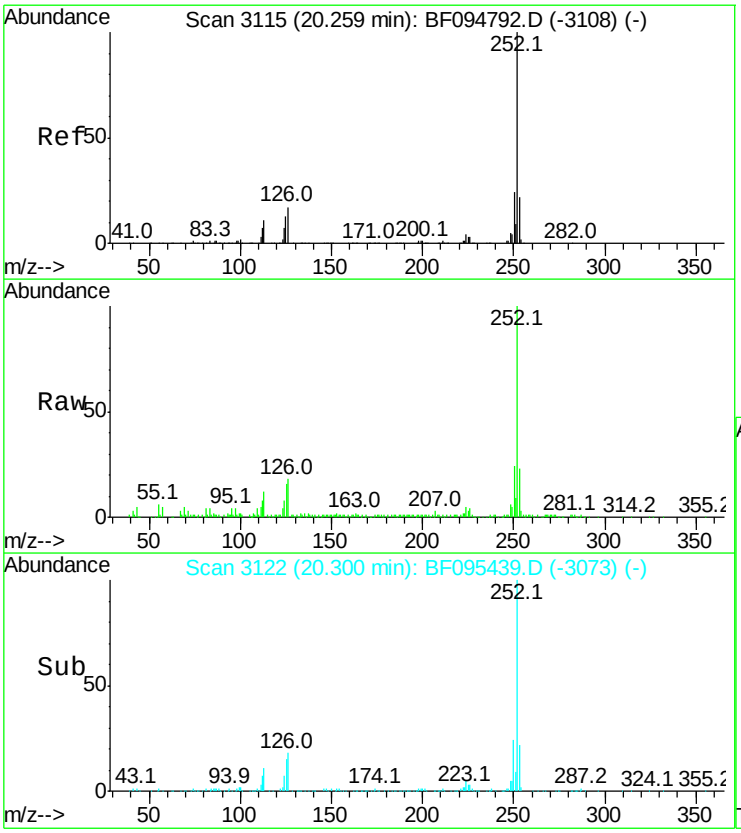
#88
Benzo(k)fluoranthene
Concen: 25.64 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 233235

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	16.4	13.1	19.7

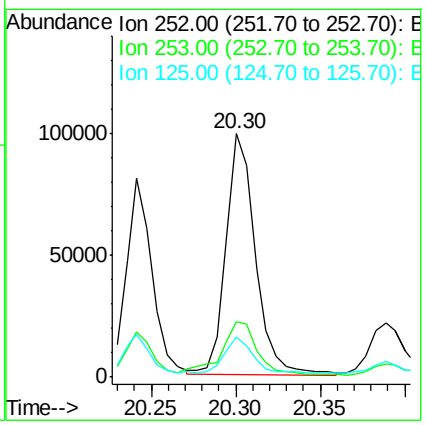


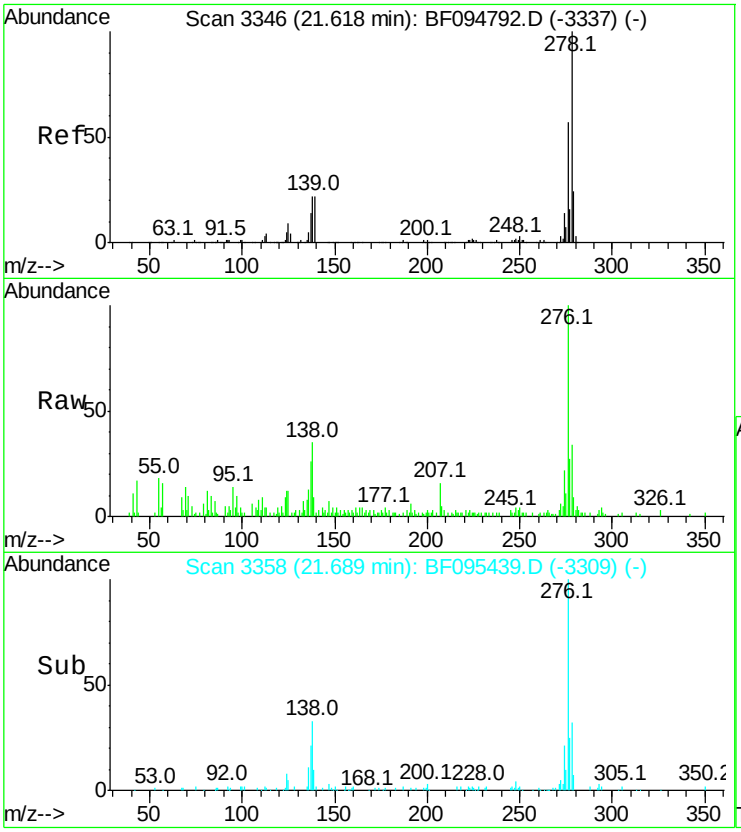


#89
Benzo(a)pyrene
Concen: 13.83 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:252 Resp: 120349

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	16.3	11.0	16.4



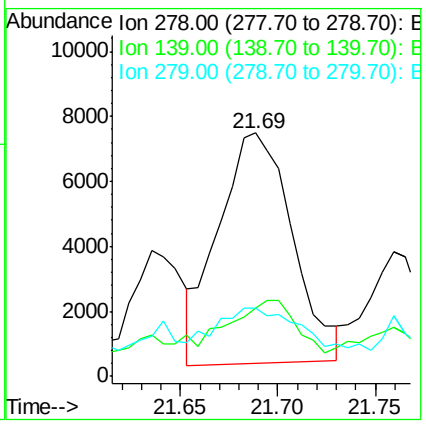


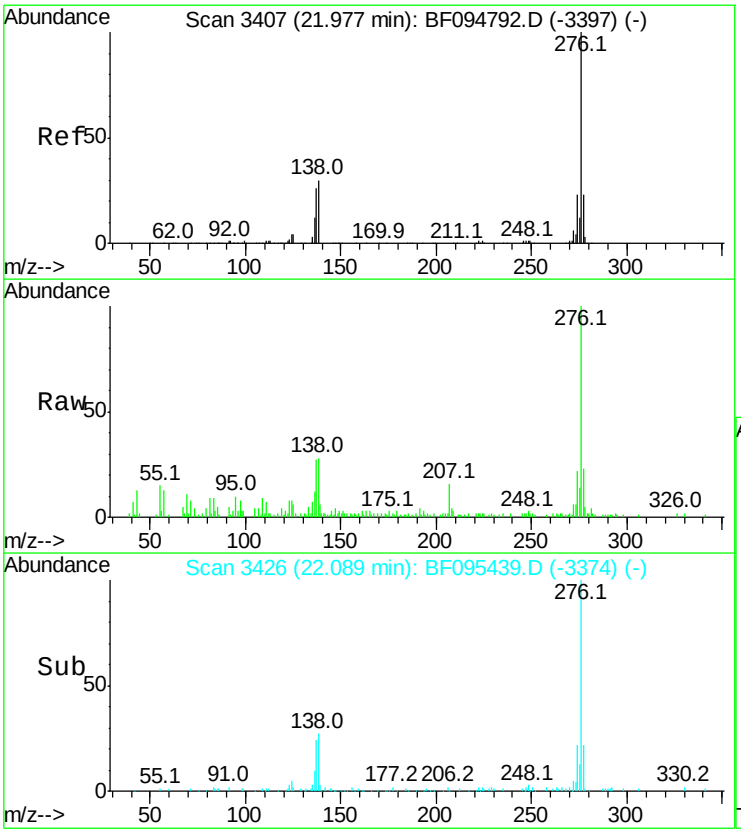
#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18672

Ion	Ratio	Lower	Upper
278	100		
139	27.9	16.6	24.8#
279	28.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.78 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095439.D
Acq: 25 May 2017 23:36

Tgt Ion:276 Resp: 61961

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	28.4	25.4	38.0