Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095150.D
Acq On : 16 May 2017 5:24
Operator : SJ/MA
Sample : I3140-14 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 06:03:40 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	73039	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	289608	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	124043	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	185147	20.00	ng		0.05
75) Chrysene-d12	18.70	240	177000	20.00	ng		0.05
86) Perylene-d12	20.38	264	136728	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	7772	1.77	ng		0.20
7) Phenol-d6	7.42	99	5737	1.09	ng		0.15
23) Nitrobenzene-d5	8.74	82	9819	2.14	ng		0.10
41) 2,4,6-Tribromophenol	13.95	330	3093	3.04	ng		0.07
44) 2-Fluorobiphenyl	11.58	172	33828	3.93	ng		0.05
78) Terphenyl-d14	17.35	244	22467	2.80	ng		0.04
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.62	165	11304	5.44	ng	#	31
55) 4-Nitrophenol	13.00	139	2757	2.06	ng	#	25
70) Phenanthrene	15.07	178	140222	13.18	ng		97
71) Anthracene	15.15	178	41160	3.79	ng		95
74) Fluoranthene	16.81	202	241914	22.17	ng		100
77) Pyrene	17.11	202	215214	16.26	ng		97
80) Benzo(a)anthracene	18.69	228	105407	10.23	ng		97
82) Chrysene	18.73	228	103051	10.35	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	25294	2.88	ng	#	94
85) Indeno(1,2,3-cd)pyrene	21.72	276	34302	4.24	ng		90
87) Benzo(b)fluoranthene	19.97	252	135479	16.04	ng	#	97
88) Benzo(k)fluoranthene	19.97	252	135479	16.62	ng		99
89) Benzo(a)pyrene	20.32	252	73682	9.45	ng	#	95
91) Benzo(g,h,i)perylene	22.11	276	35896	5.68	ng		96

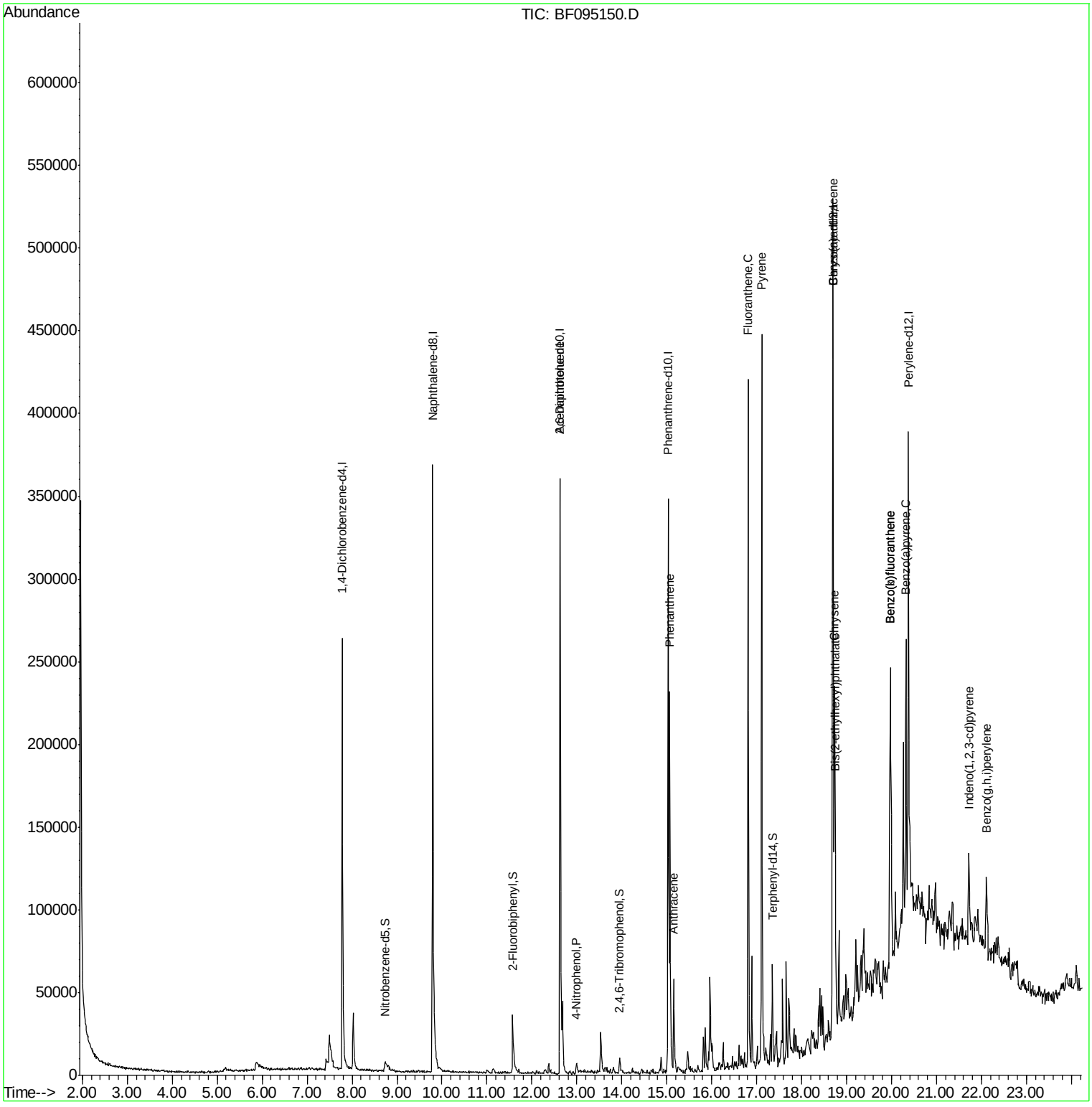
(#) = qualifier out of range (m) = manual integration (+) = signals summed

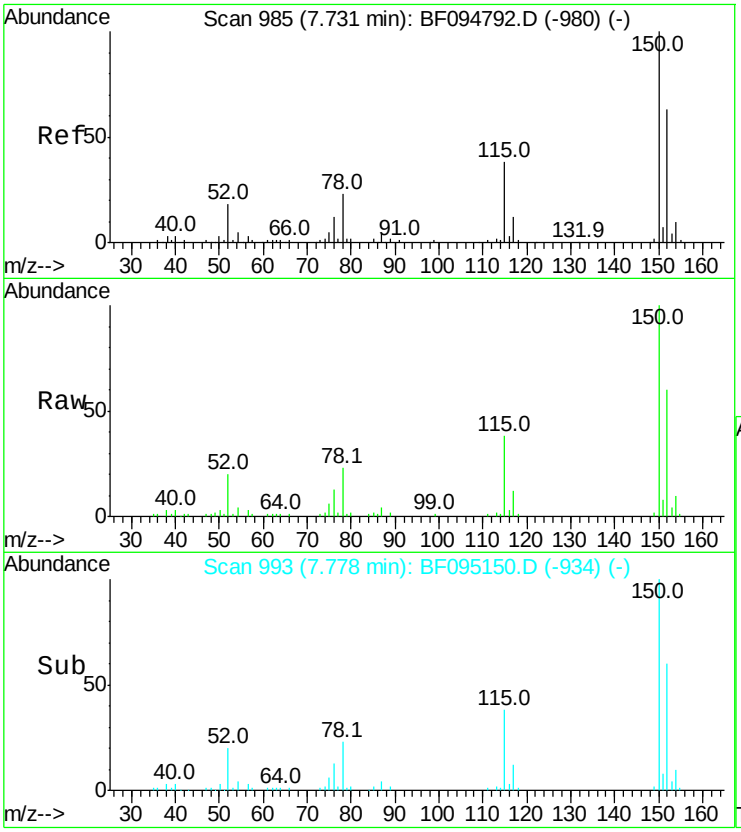
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095150.D
Acq On : 16 May 2017 5:24
Operator : SJ/MA
Sample : I3140-14 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 06:03:40 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



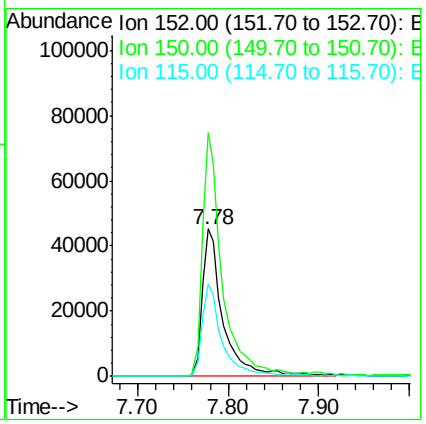


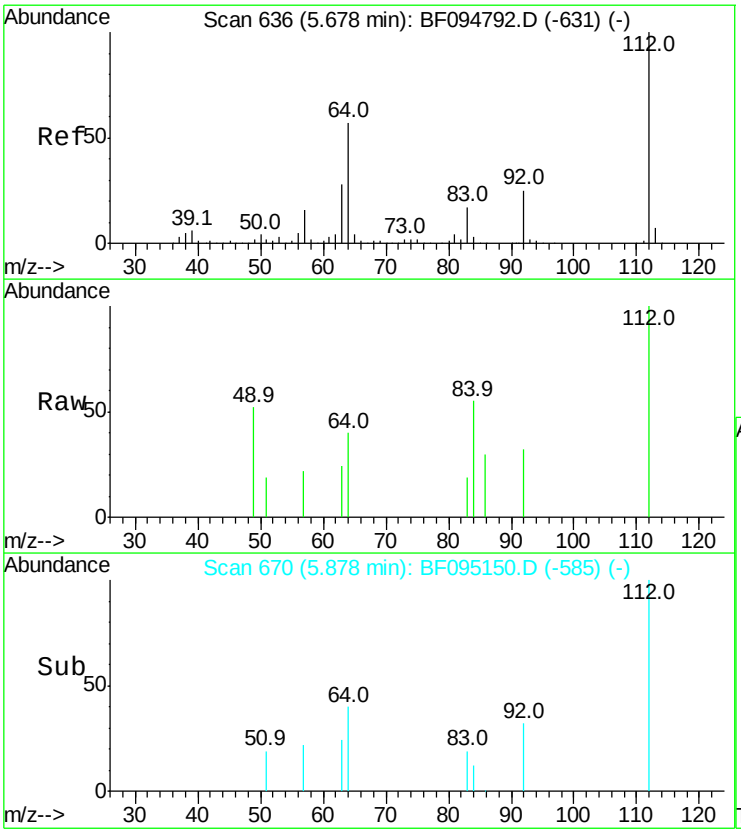
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73039

Ion	Ratio	Lower	Upper
152	100		
150	165.4	126.2	189.2
115	63.2	52.2	78.2

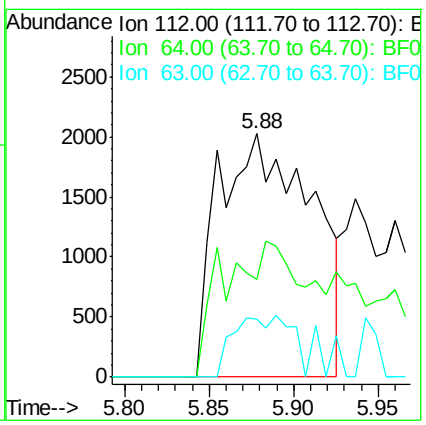


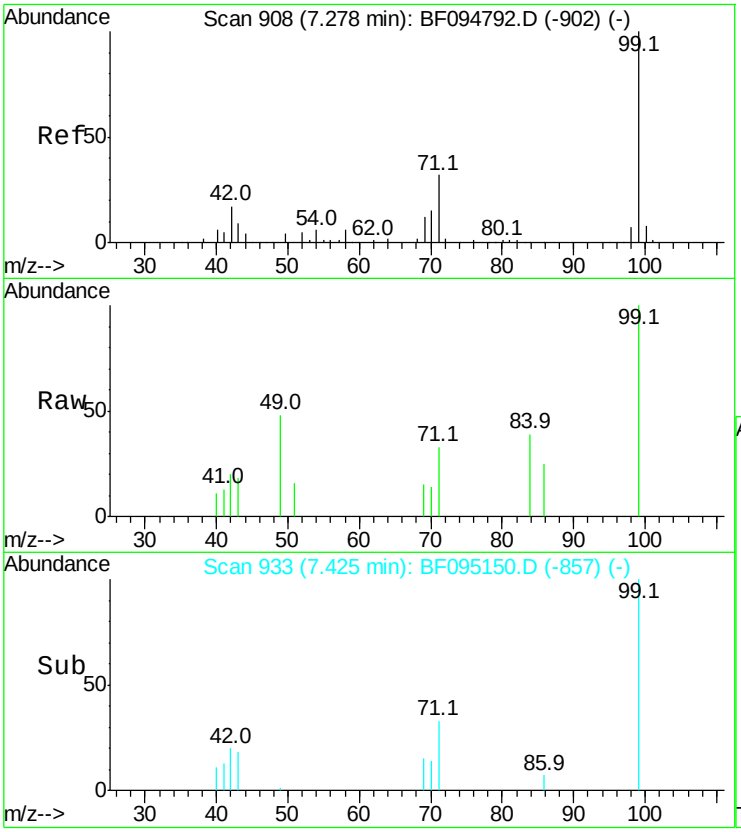


#5
2-Fluorophenol
Concen: 1.77 ng
RT: 5.88 min Scan# 670
Delta R.T. 0.20 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:112 Resp: 7772

Ion	Ratio	Lower	Upper
112	100		
64	39.9	46.0	69.0#
63	24.0	23.4	35.0



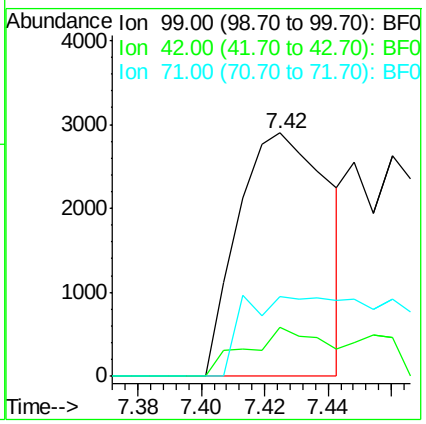


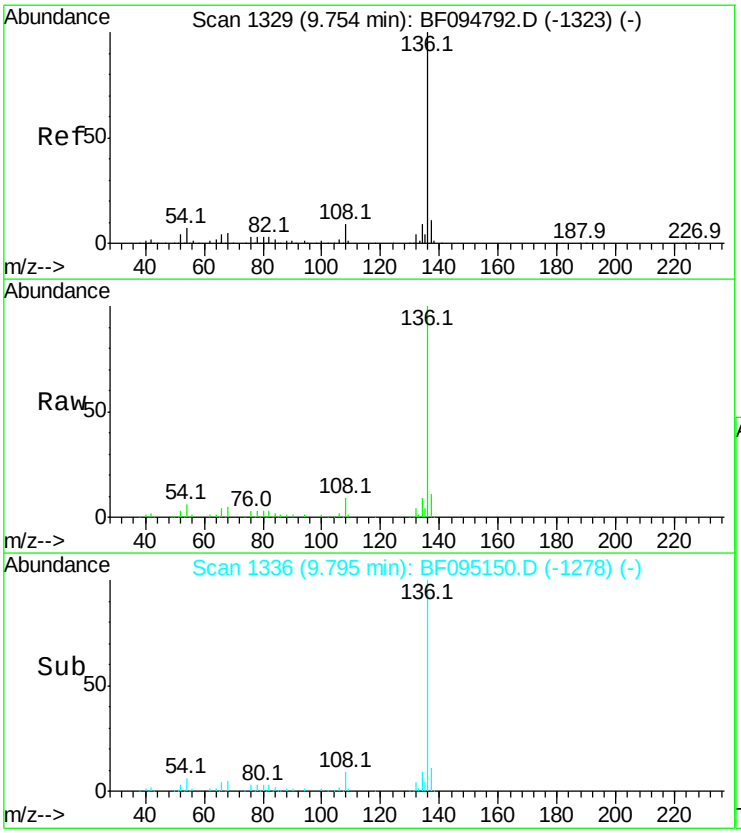
#7
Phenol-d6
Concen: 1.09 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.15 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 5737

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.5	20.3
71	32.6	24.5	36.7

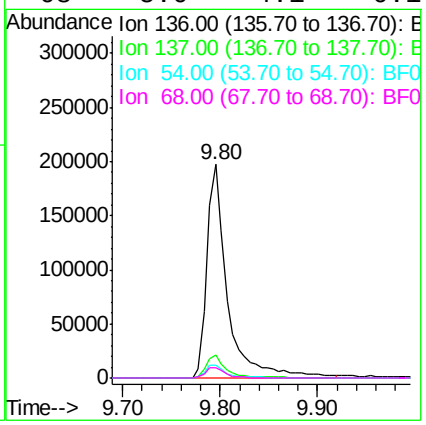


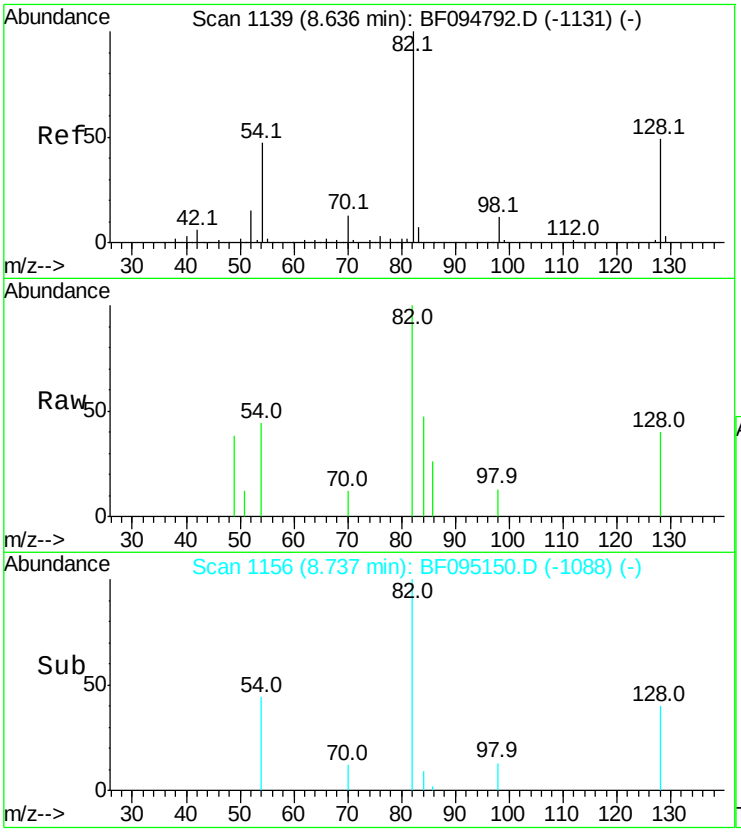


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:136 Resp: 289608

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



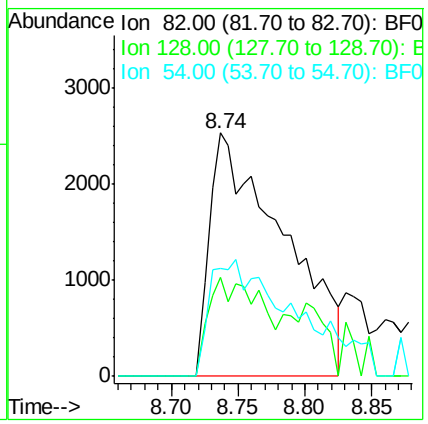


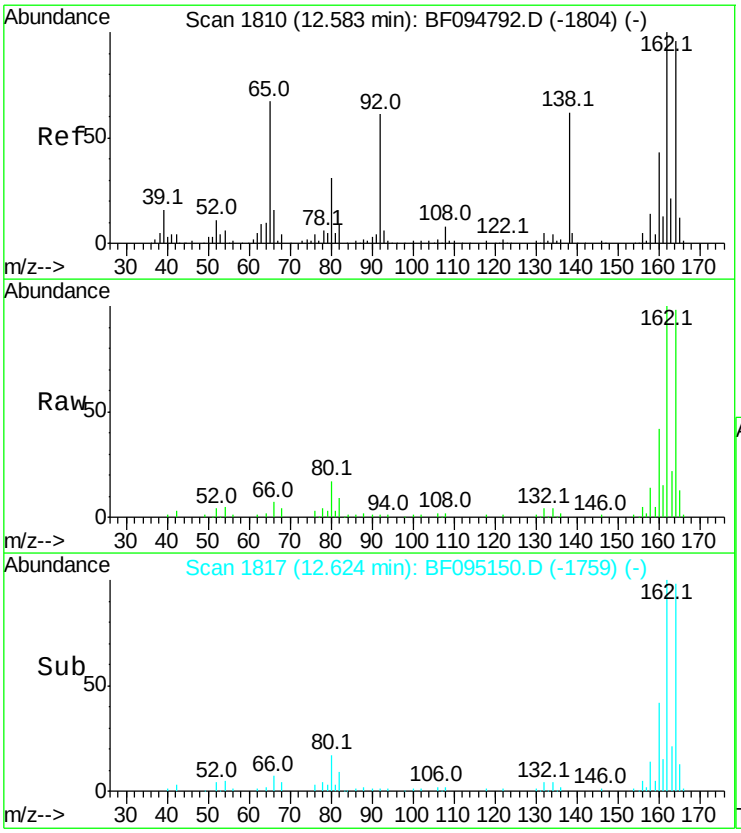
#23
Nitrobenzene-d5
Concen: 2.14 ng
RT: 8.74 min Scan# 1156
Delta R.T. 0.10 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 9819

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.0	51.0
54	44.3	42.2	63.2

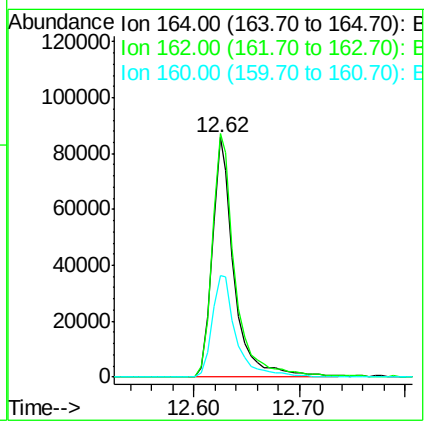


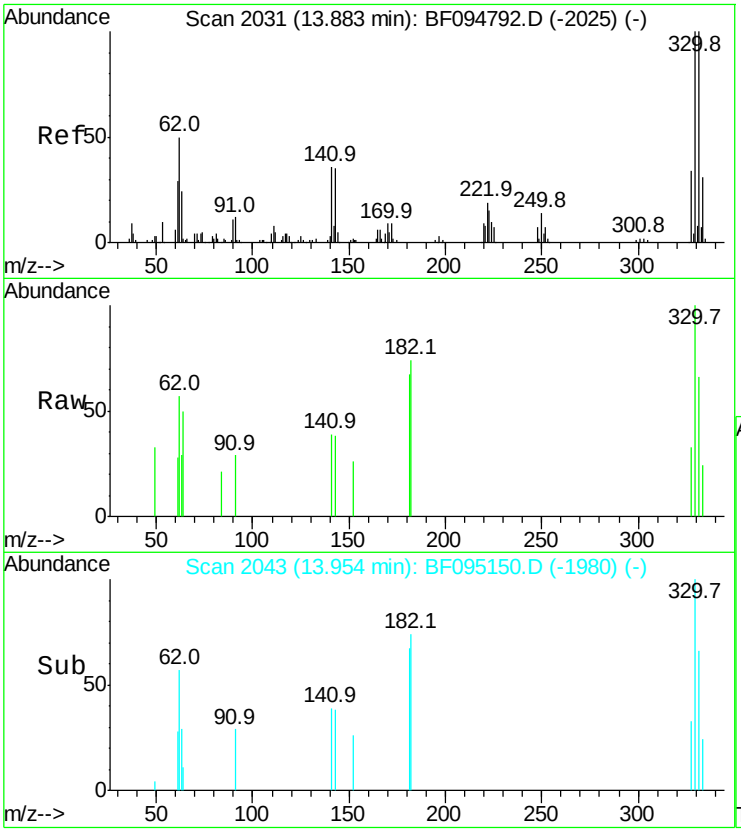


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:164 Resp: 124043

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	42.4	36.2	54.2



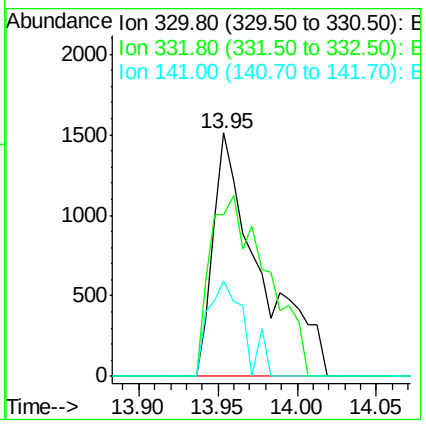


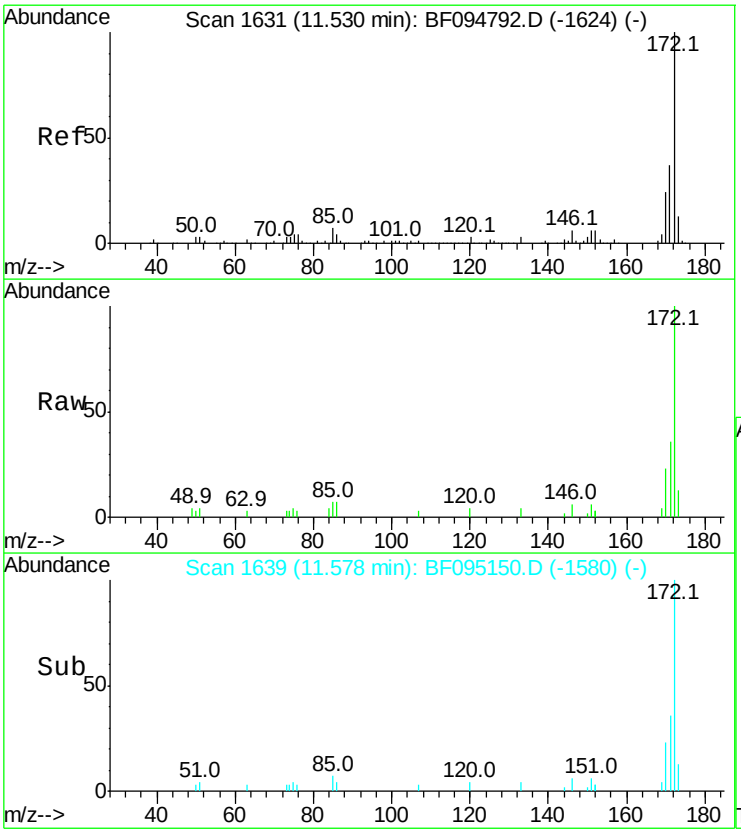
#41
2,4,6-Tribromophenol
Concen: 3.04 ng
RT: 13.95 min Scan# 2043
Delta R.T. 0.07 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 3093

Ion	Ratio	Lower	Upper
330	100		
332	90.7	76.6	115.0
141	30.4	31.4	47.2#

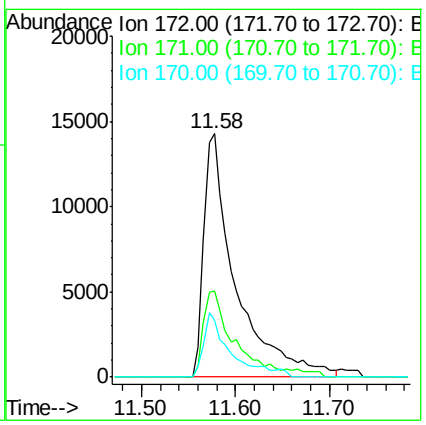


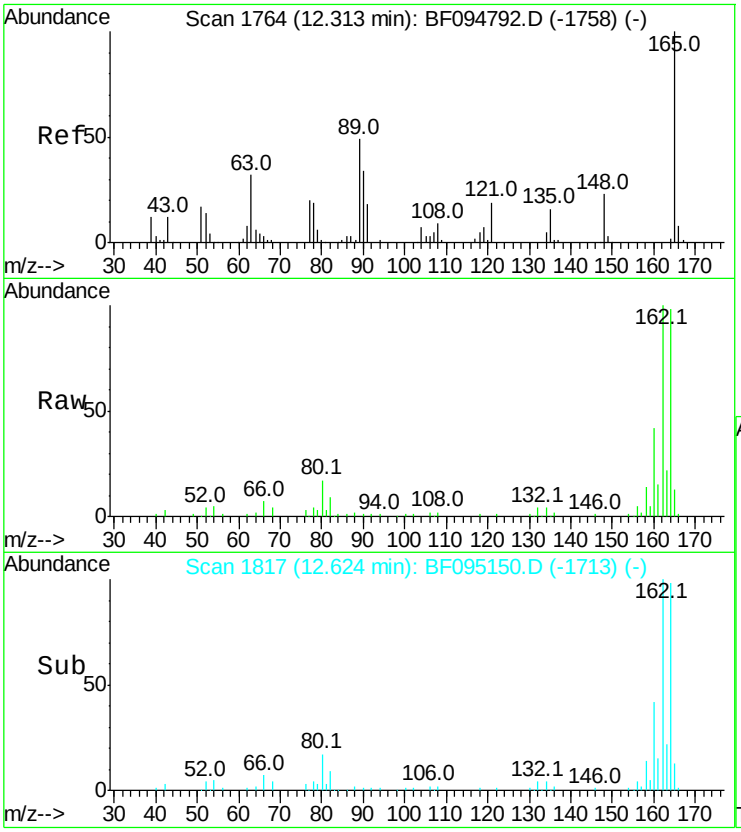


#44
2-Fluorobiphenyl
Concen: 3.93 ng
RT: 11.58 min Scan# 1639
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:172 Resp: 33828

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.1	19.8	29.8



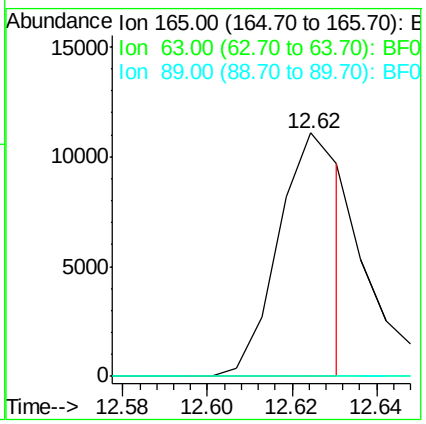


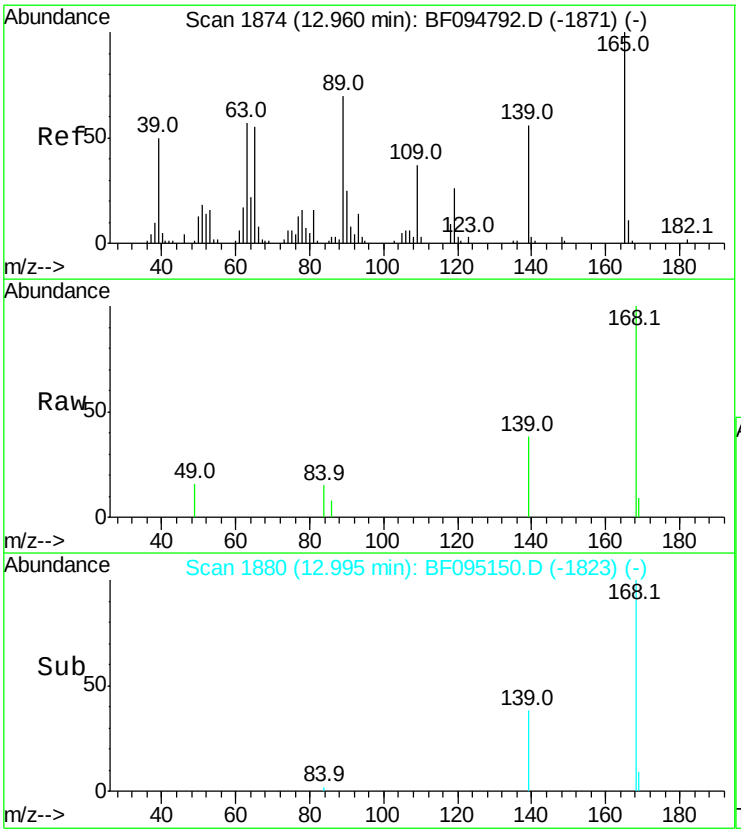
#50
2,6-Dinitrotoluene
Concen: 5.44 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.31 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11304

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

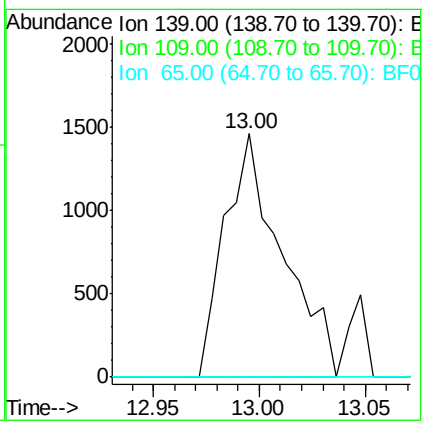


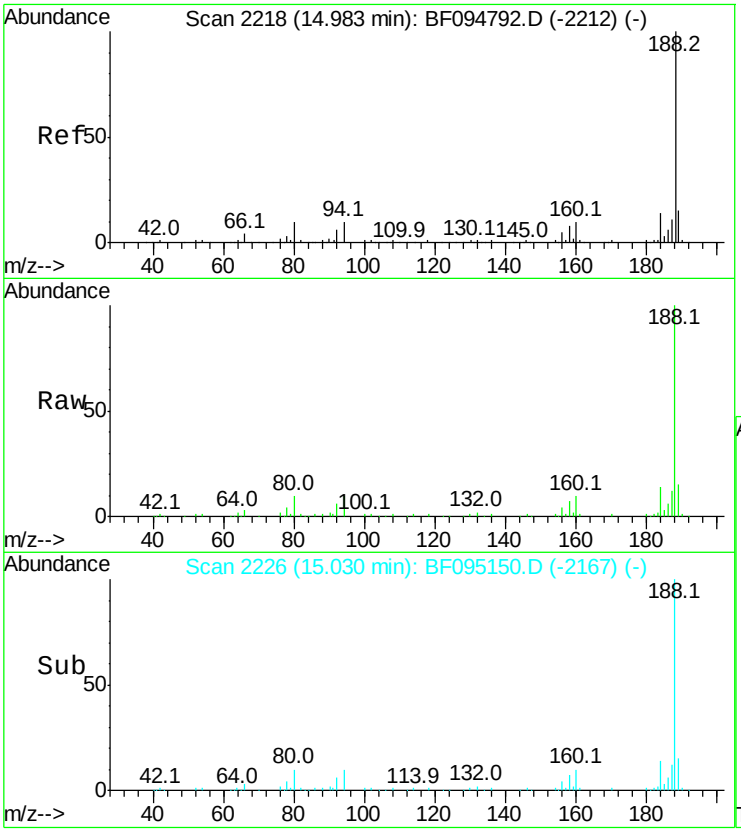


#55
4-Nitrophenol
Concen: 2.06 ng
RT: 13.00 min Scan# 1880
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:139 Resp: 2757

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



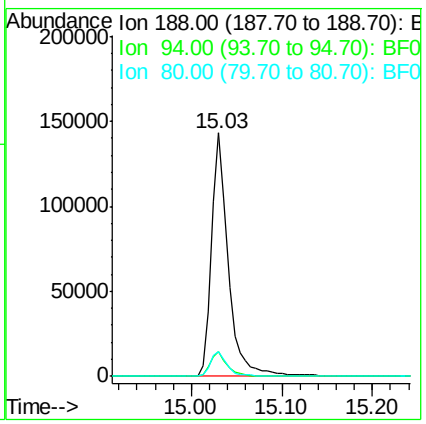


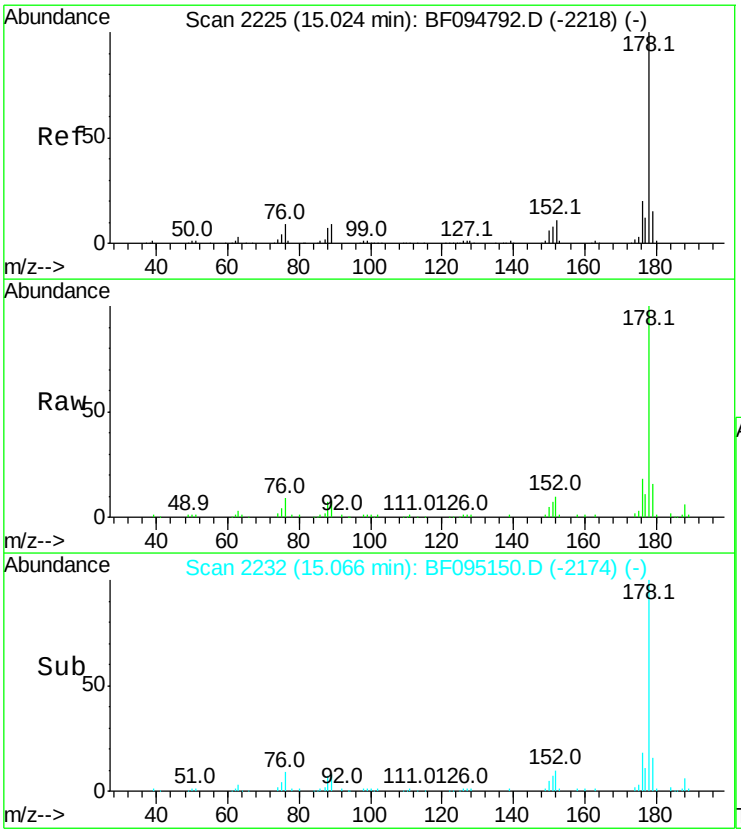
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 185147

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.2	10.2	15.2

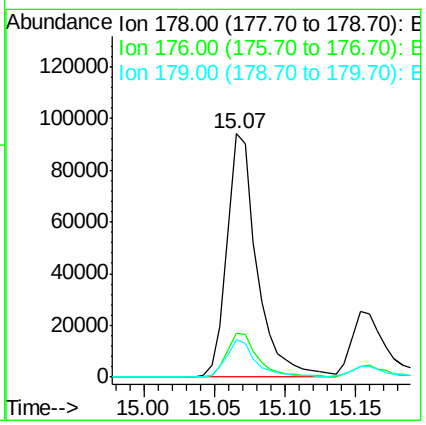


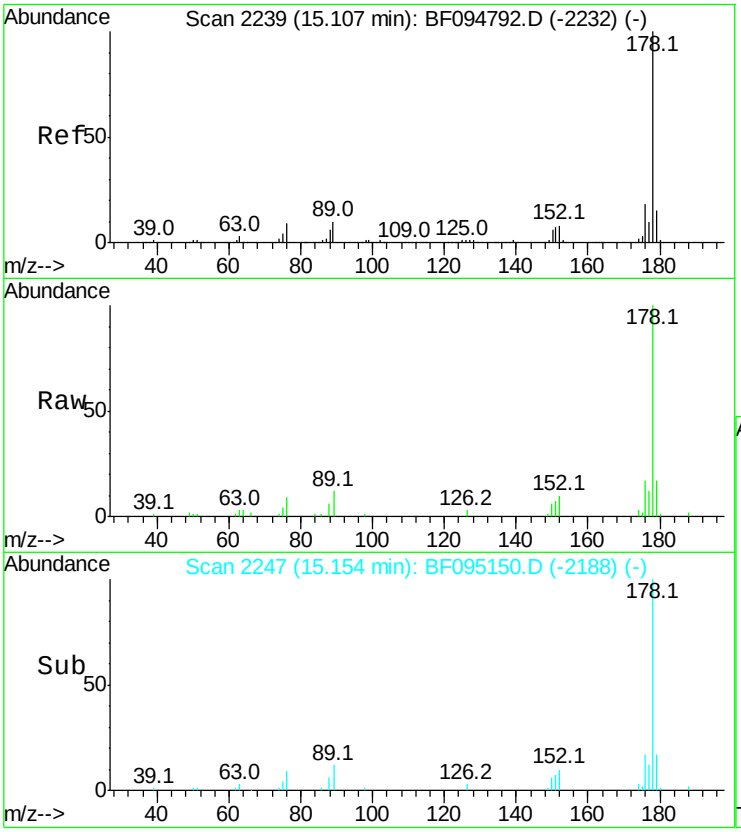


#70
Phenanthrene
Concen: 13.18 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:178 Resp: 140222

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	15.6	12.6	19.0



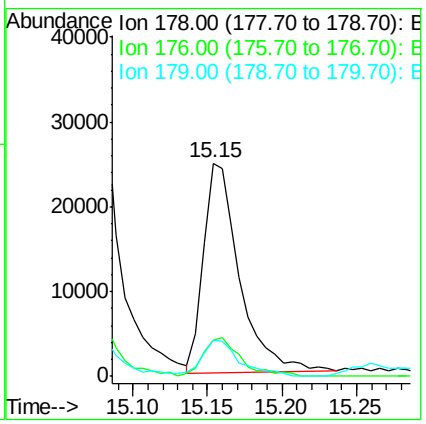


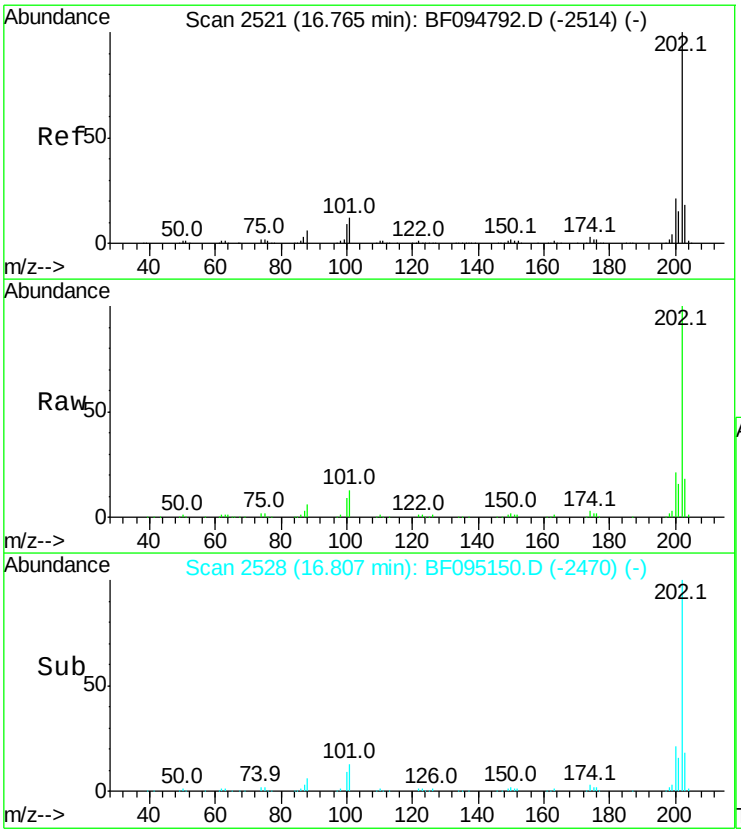
#71
Anthracene
Concen: 3.79 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41160

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.8	23.8
179	17.2	12.7	19.1

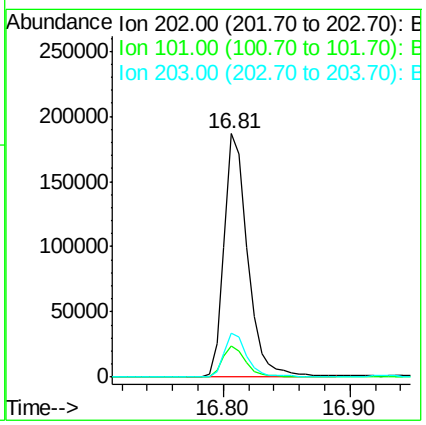


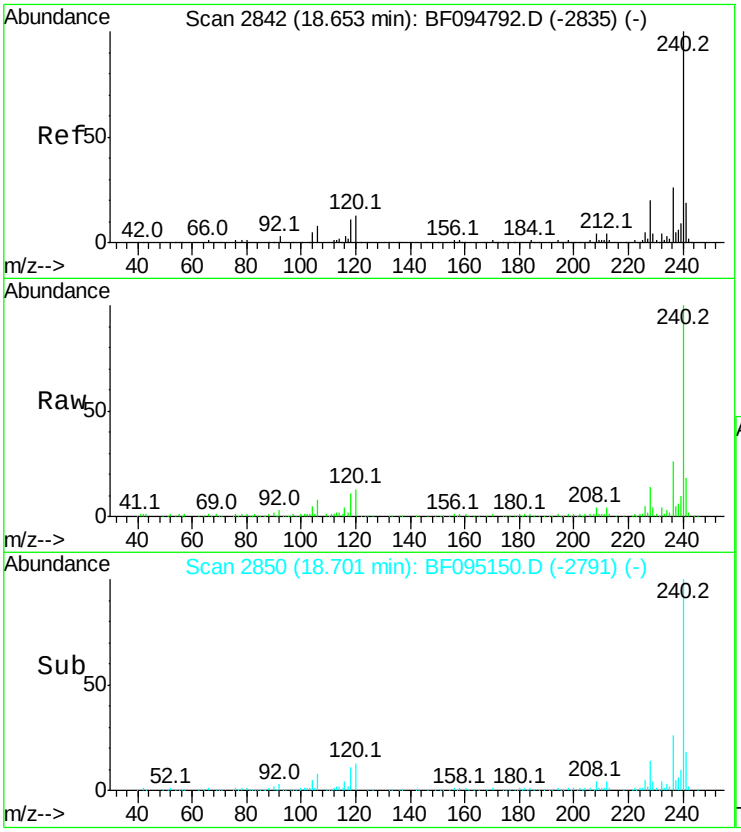


#74
Fluoranthene
Concen: 22.17 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:202 Resp: 241914

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	18.2	0.0	38.1



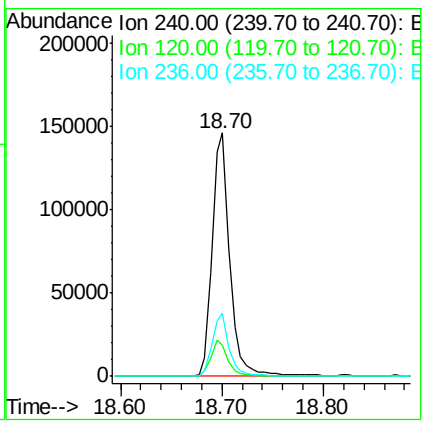


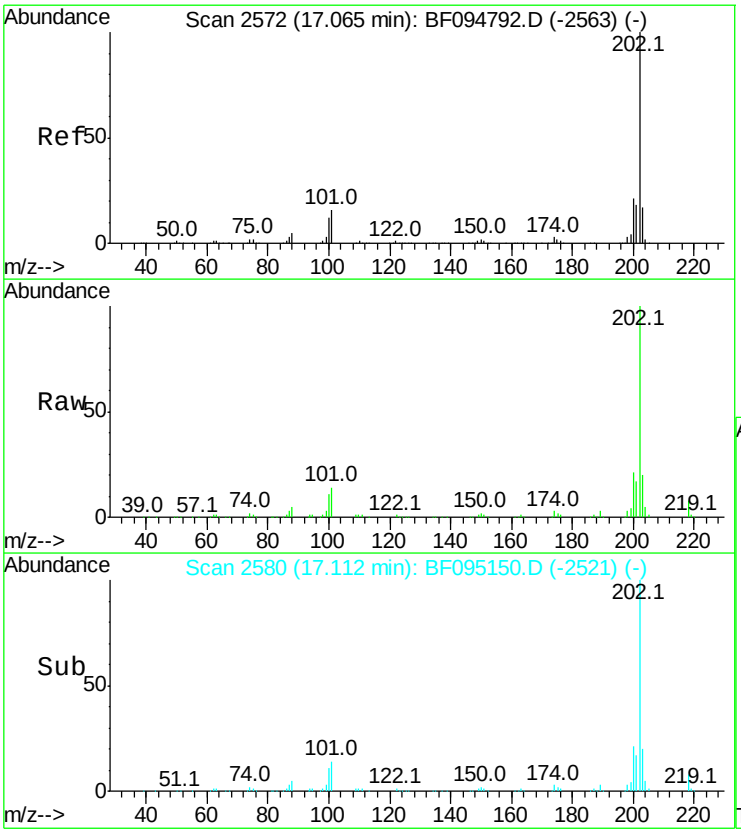
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 177000

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	25.9	20.5	30.7

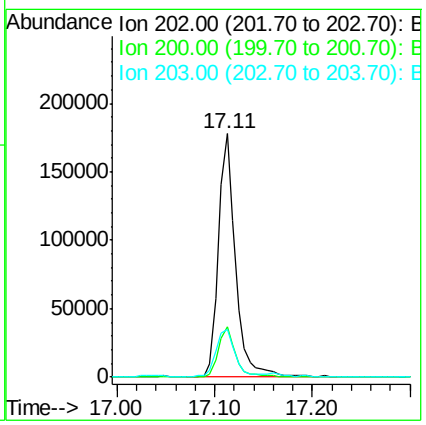


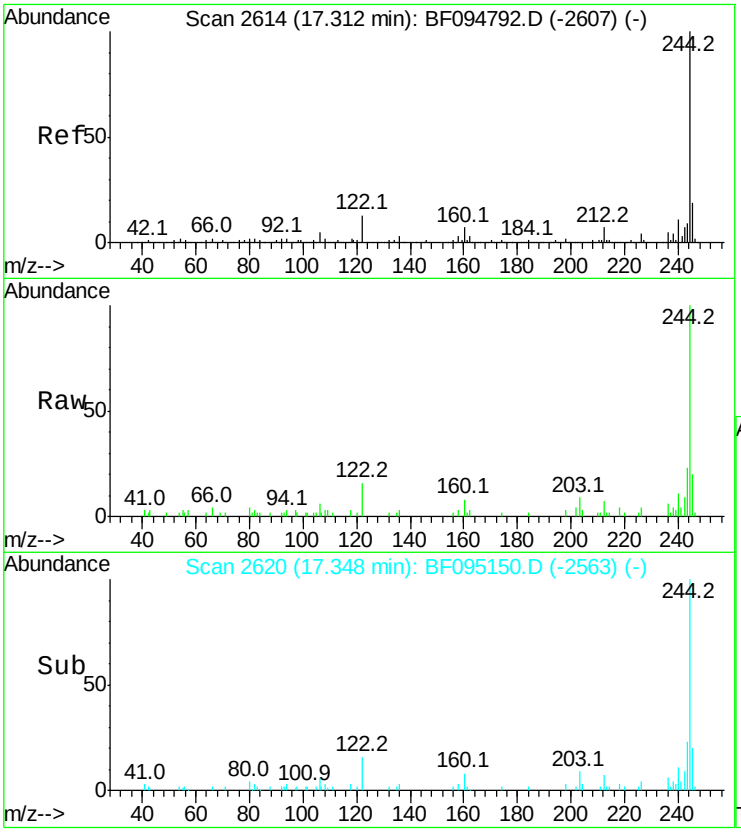


#77
Pyrene
Concen: 16.26 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:202 Resp: 215214

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	19.7	14.4	21.6



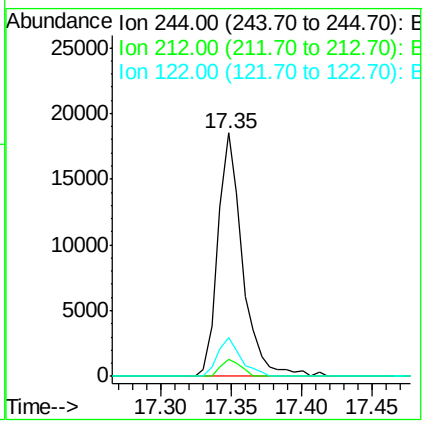


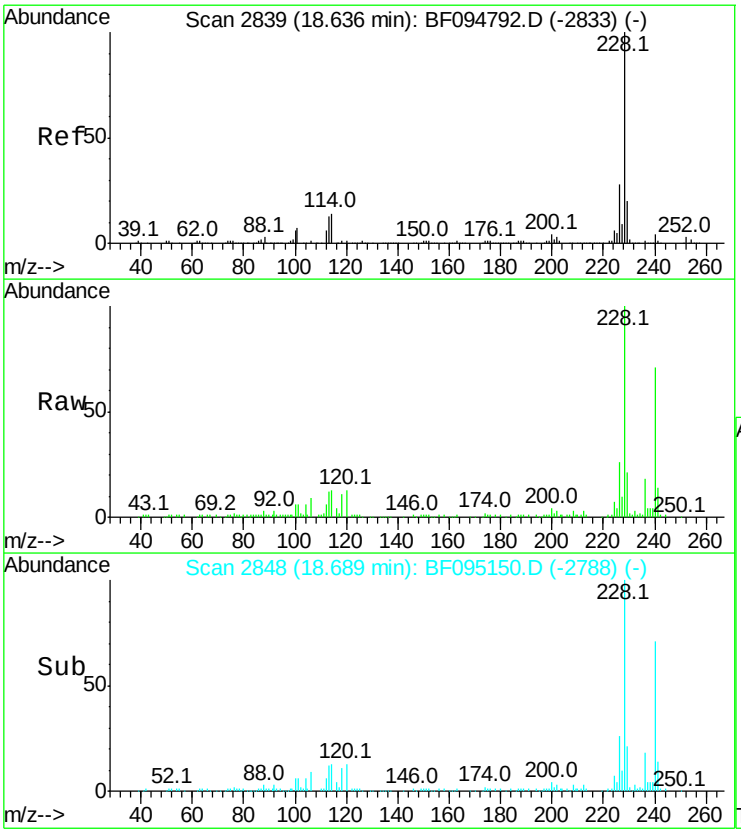
#78
Terphenyl-d14
Concen: 2.80 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 22467

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.2	10.3	15.5#

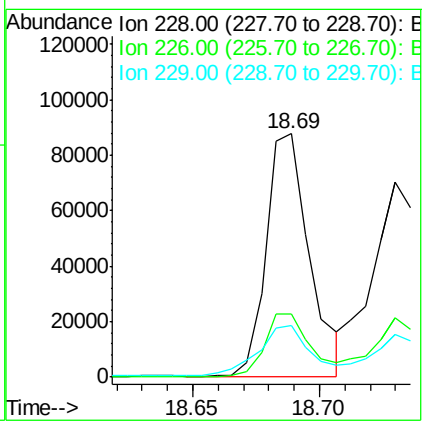


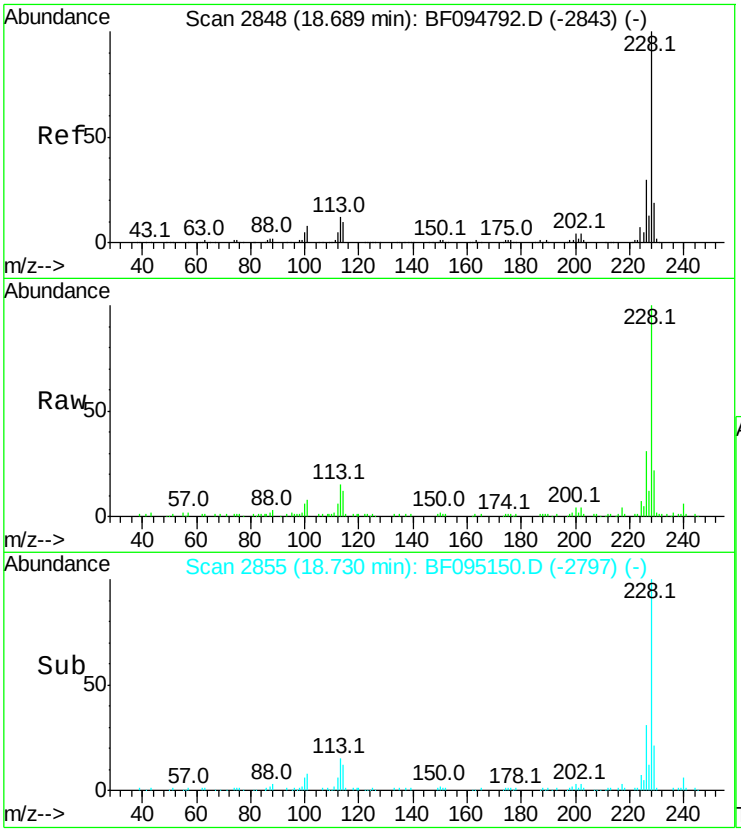


#80
Benzo(a)anthracene
Concen: 10.23 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:228 Resp: 105407

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	33.8
229	21.2	16.3	24.5



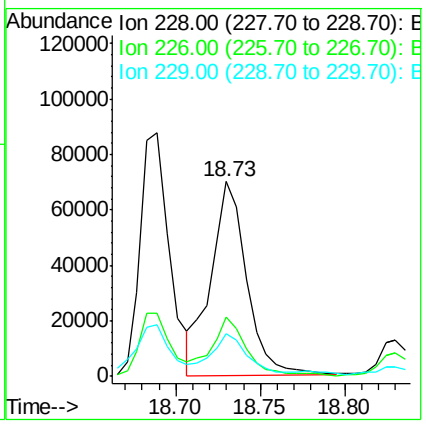


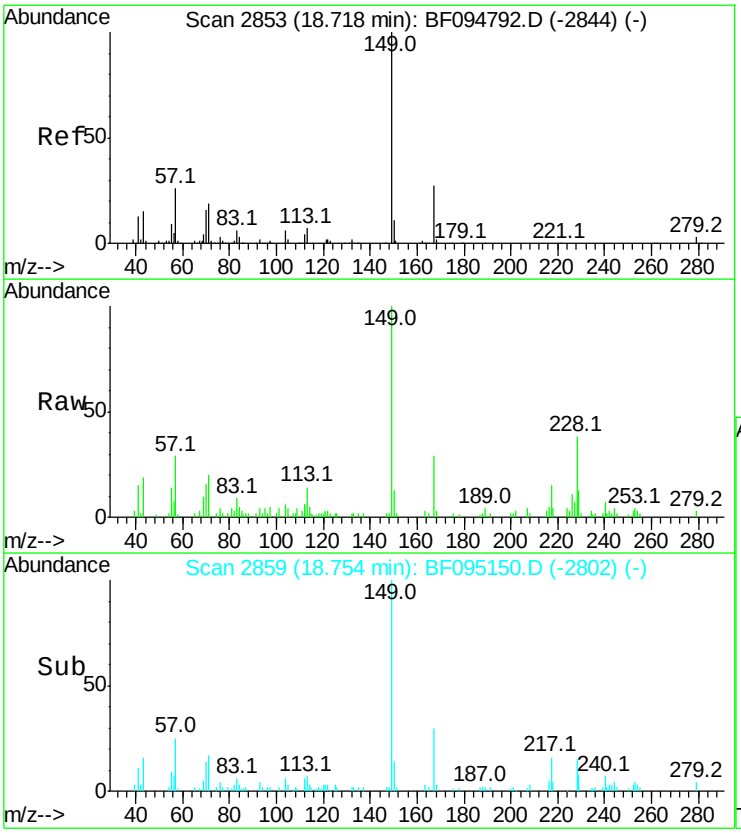
#82
Chrysene
Concen: 10.35 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 103051

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.7	15.8	23.6

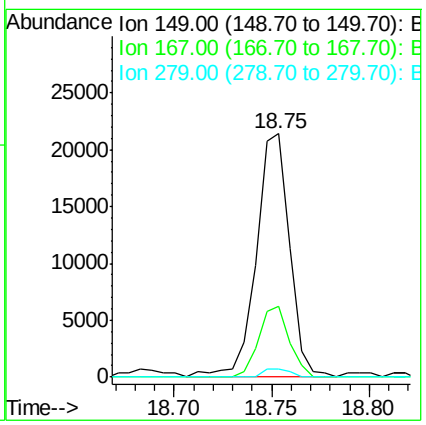


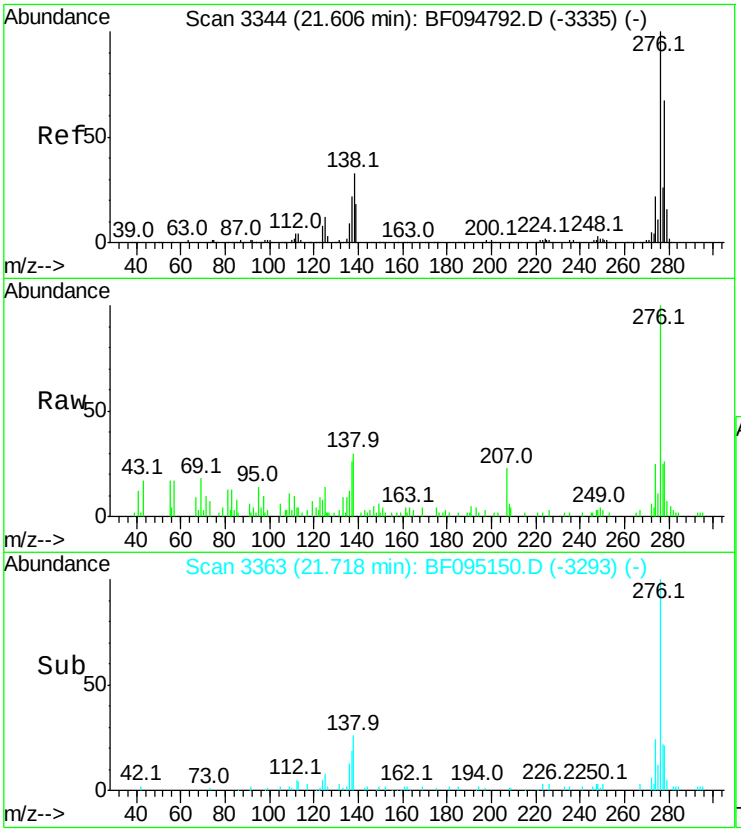


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.88 ng
RT: 18.75 min Scan# 2859
Delta R.T. 0.04 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:149 Resp: 25294

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.0	31.4
279	3.5	1.9	2.9#



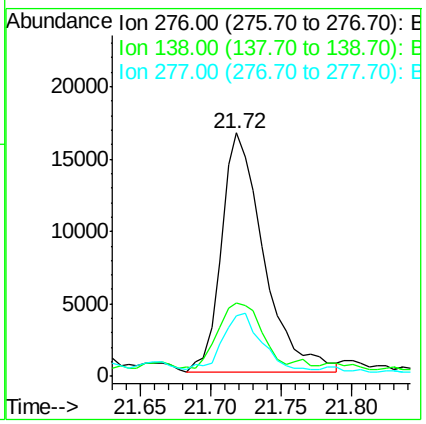


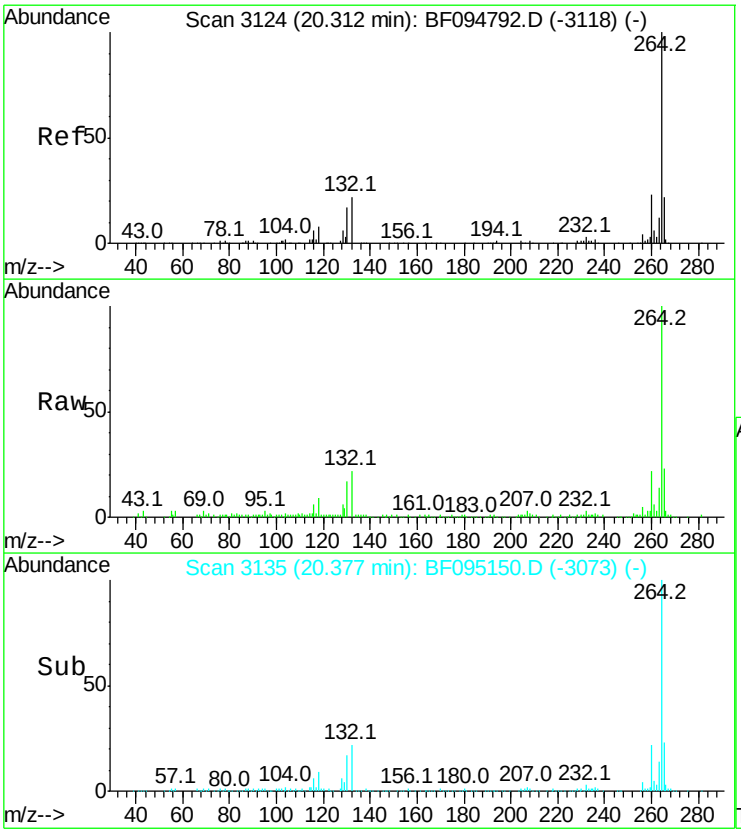
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.24 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.11 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34302

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	21.7	20.2	30.4

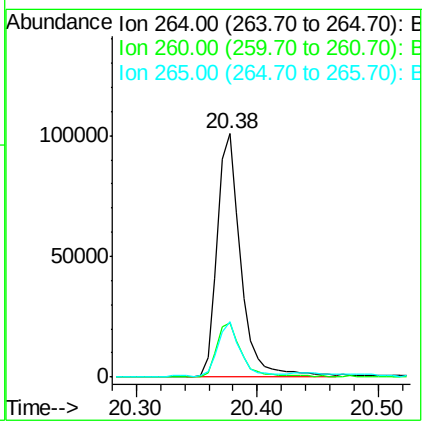


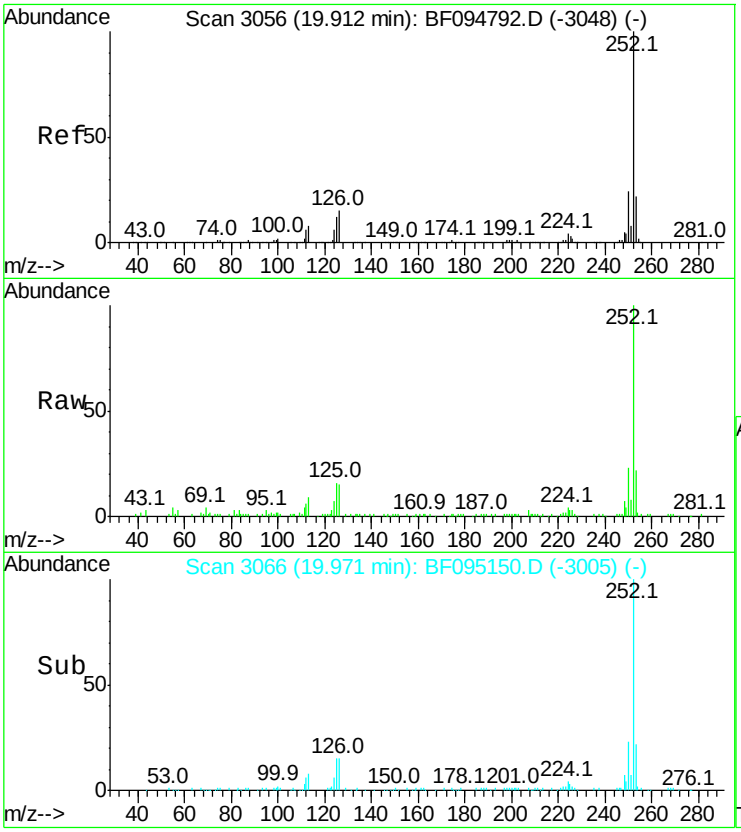


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:264 Resp: 136728

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	22.8	17.2	25.8



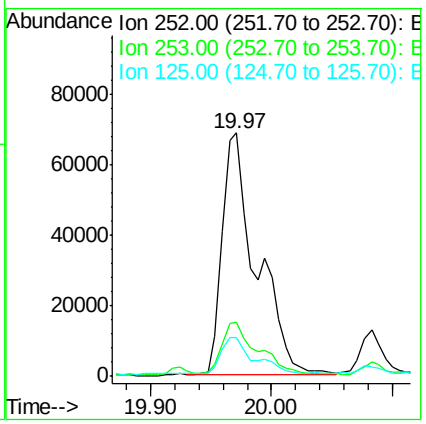


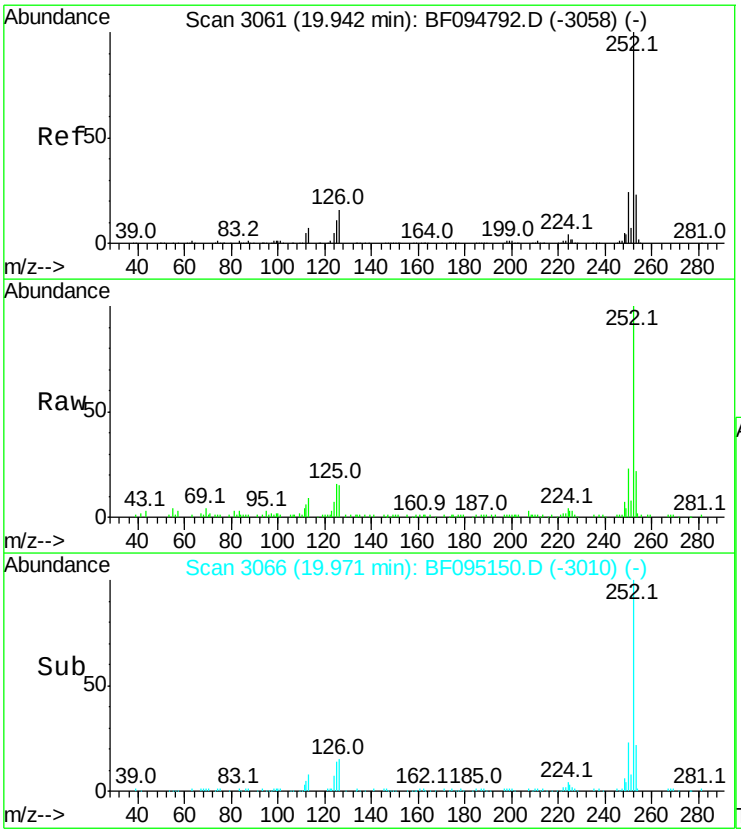
#87
Benzo(b)fluoranthene
Concen: 16.04 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 135479

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.8	9.8	14.8#

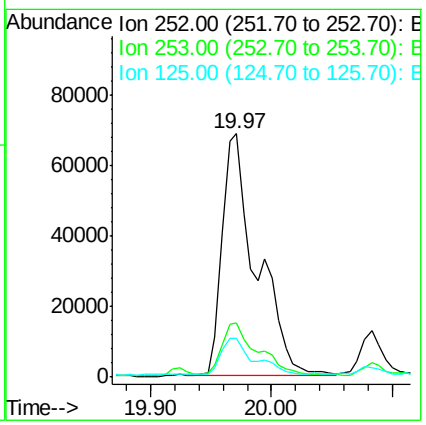


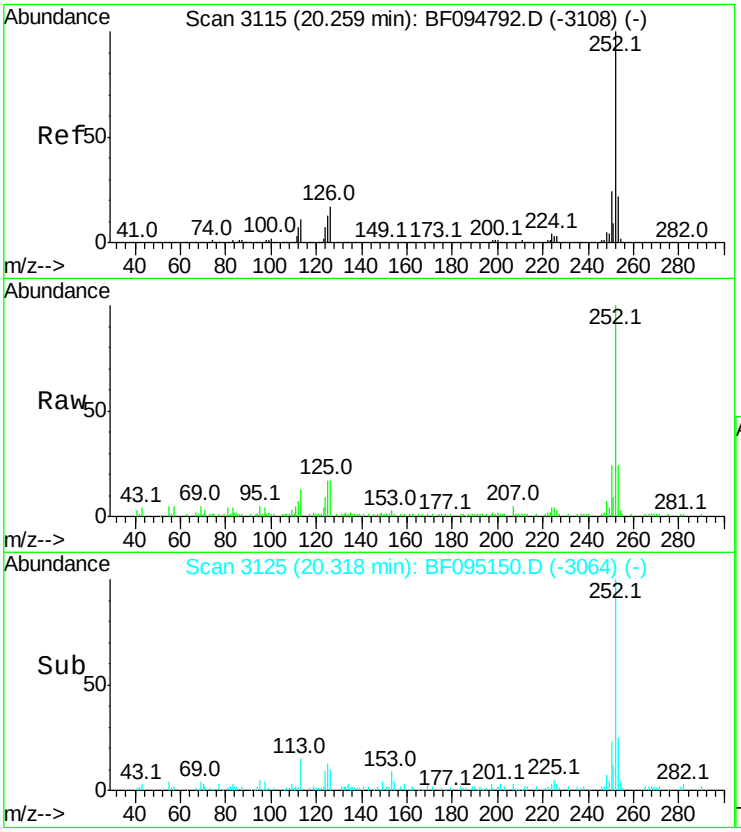


#88
Benzo(k)fluoranthene
Concen: 16.62 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.03 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:252 Resp: 135479

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	15.8	13.1	19.7



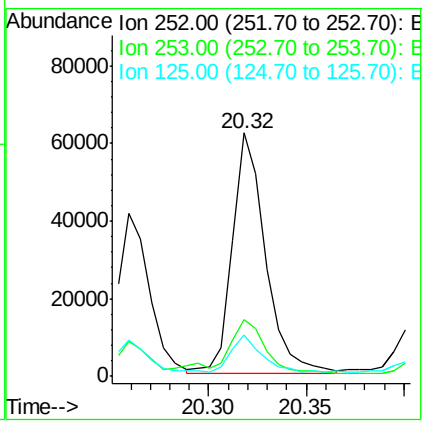


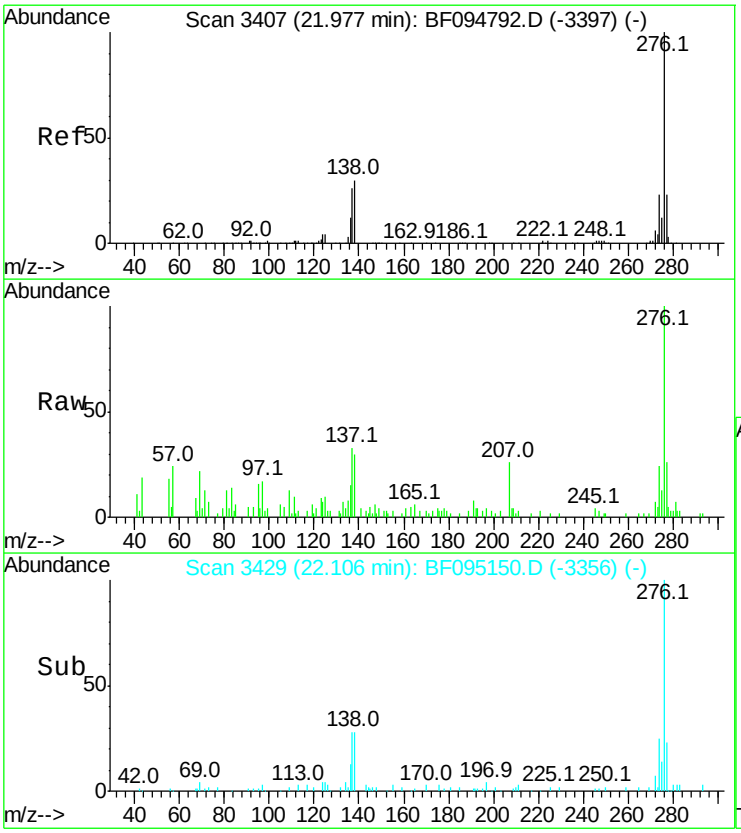
#89
Benzo(a)pyrene
Concen: 9.45 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.06 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73682

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	16.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.68 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.13 min
Lab File: BF095150.D
Acq: 16 May 2017 5:24

Tgt Ion:276 Resp: 35896

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	30.5	25.4	38.0