Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (Not Reviewed)

Data File : BF095845.D
Acq On : 10 Jun 2017 3:57
Operator : SJ/MA
Sample : I3503-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIER-53-A-COMP

Quant Time: Jun 10 04:29:39 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	66033	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	258712	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	106892	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	160514	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	137350	20.00	ng		-0.02
86) Perylene-d12	20.00	264	106604	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	210501	50.80	ng		-0.02
7) Phenol-d6	6.93	99	258247	52.05	ng		-0.03
23) Nitrobenzene-d5	8.28	82	143534	34.46	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	40633	42.96	ng		-0.04
44) 2-Fluorobiphenyl	11.17	172	236090	30.74	ng		-0.04
78) Terphenyl-d14	16.99	244	140551	25.40	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	17016	5.41	ng	#	76
49) Dimethylphthalate	11.87	163	44908	5.53	ng		99
50) 2,6-Dinitrotoluene	12.22	165	14098	7.96	ng	#	31
51) Acenaphthene	12.27	154	18049	2.66	ng		94
55) 4-Nitrophenol	12.57	139	5553	8.97	ng	#	35
57) Fluorene	13.12	166	25740	3.09	ng		99
70) Phenanthrene	14.65	178	247819	26.76	ng		98
71) Anthracene	14.74	178	64517	6.67	ng		96
72) Carbazole	15.05	167	19081	2.03	ng	#	95
74) Fluoranthene	16.43	202	254668	27.78	ng		98
77) Pyrene	16.73	202	245578	23.96	ng	#	94
80) Benzo(a)anthracene	18.32	228	110712	13.86	ng		97
82) Chrysene	18.36	228	107906	13.52	ng		96
83) Bis(2-ethylhexyl)phthalate	18.41	149	13608	2.16	ng	#	96
85) Indeno(1,2,3-cd)pyrene	21.19	276	33274	4.87	ng		97
87) Benzo(b)fluoranthene	19.60	252	130621	19.57	ng	#	96
88) Benzo(k)fluoranthene	19.60	252	130621	20.47	ng		98
89) Benzo(a)pyrene	19.95	252	78136	12.74	ng		96
90) Dibenzo(a,h)anthracene	21.18	278	11123	2.14	ng	#	76
91) Benzo(g,h,i)perylene	21.52	276	34929	6.58	ng		95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (Not Reviewed)

Data File : BF095845.D
Acq On : 10 Jun 2017 3:57
Operator : SJ/MA
Sample : I3503-01 2X
Misc :
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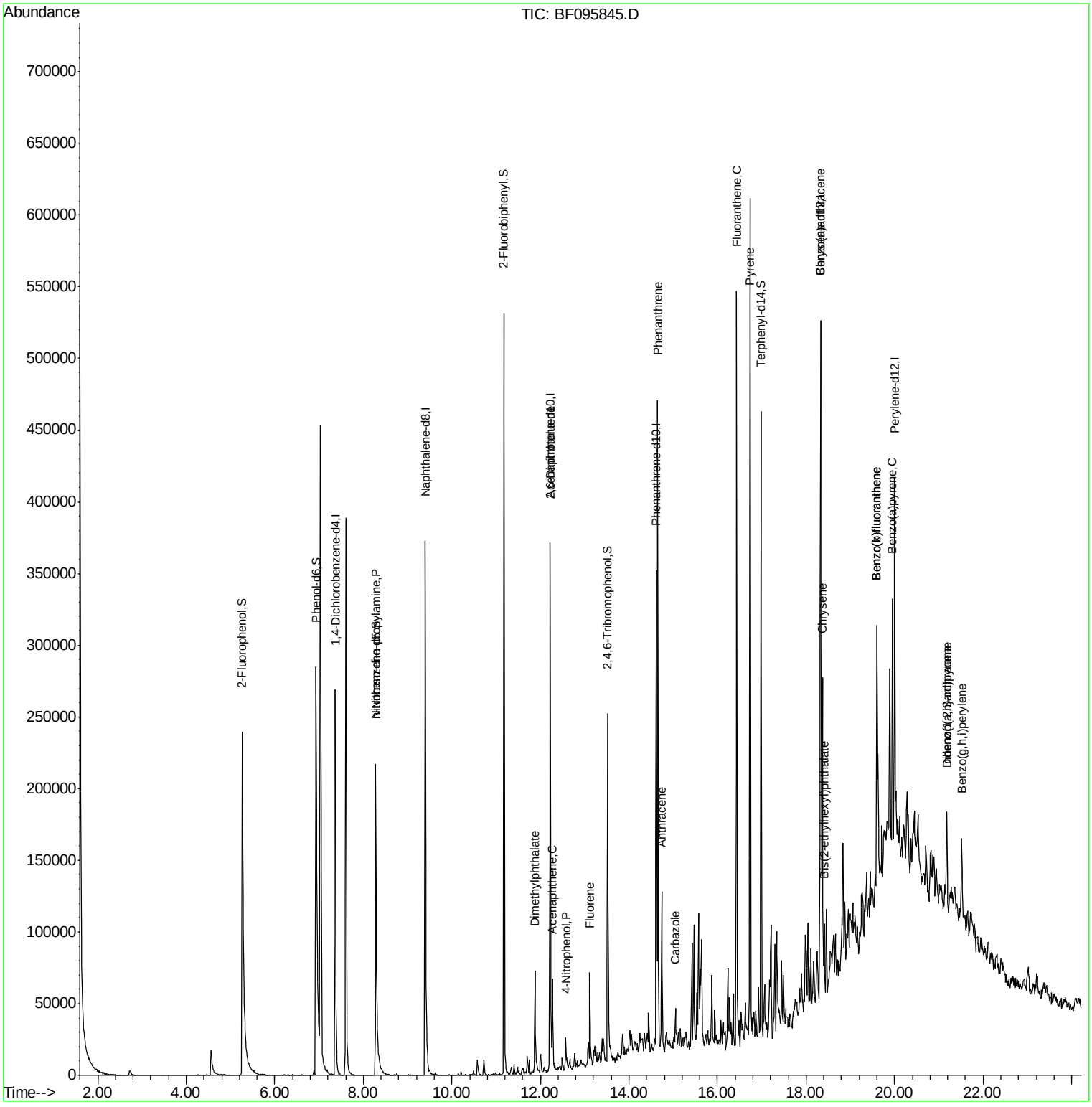
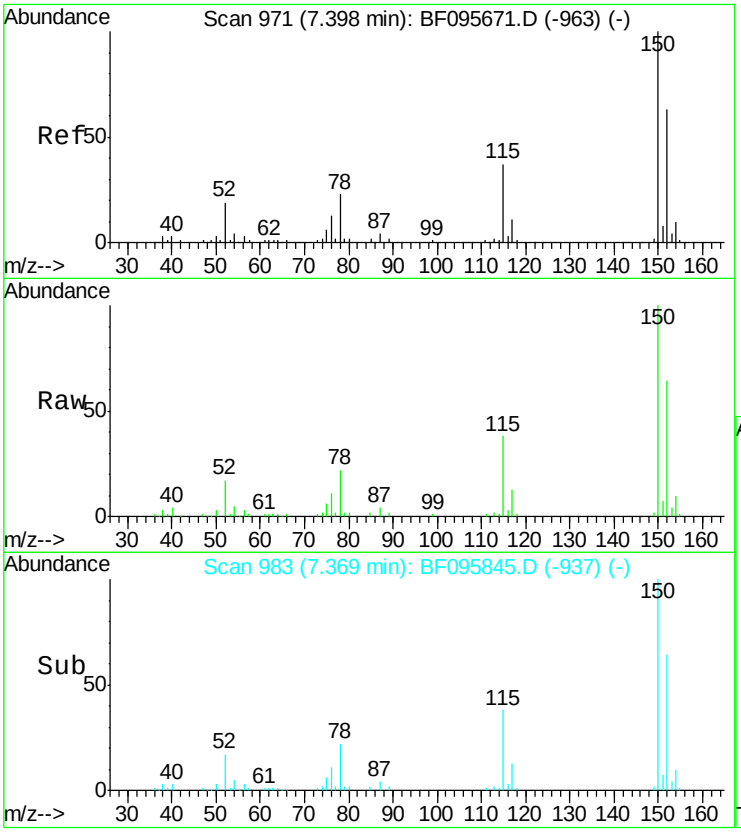
Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Quant Time: Jun 10 04:29:39 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



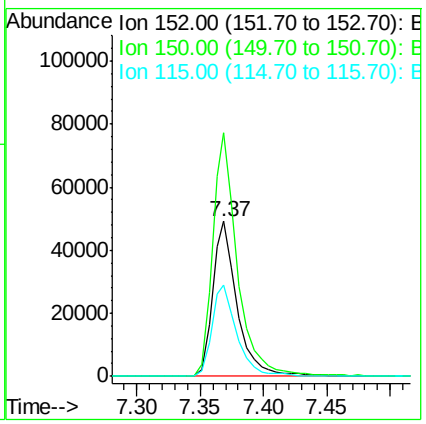


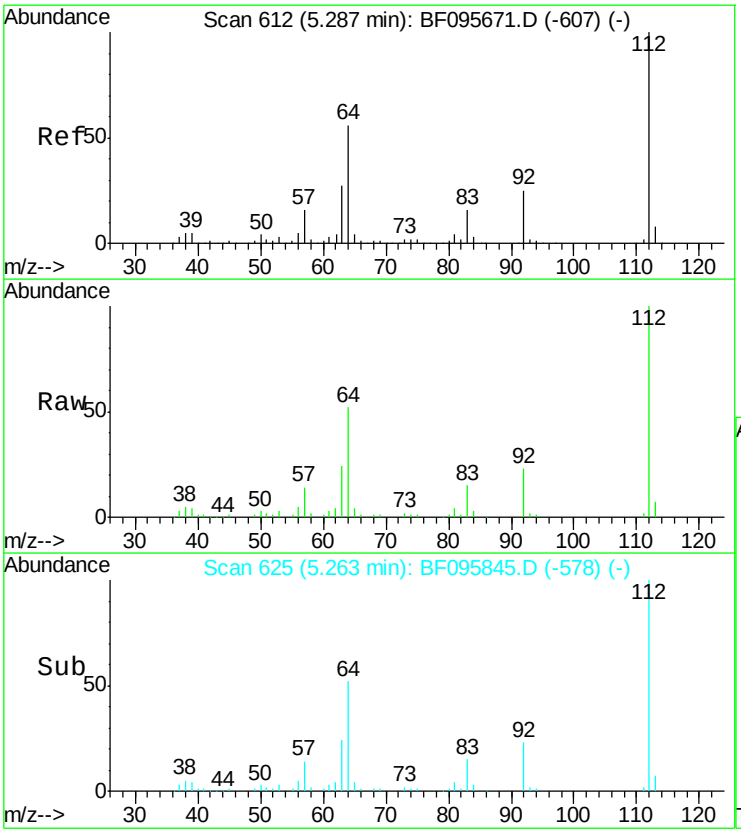
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:152 Resp: 66033

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	59.0	52.2	78.2

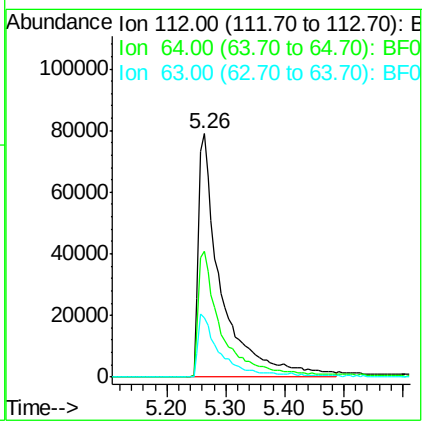


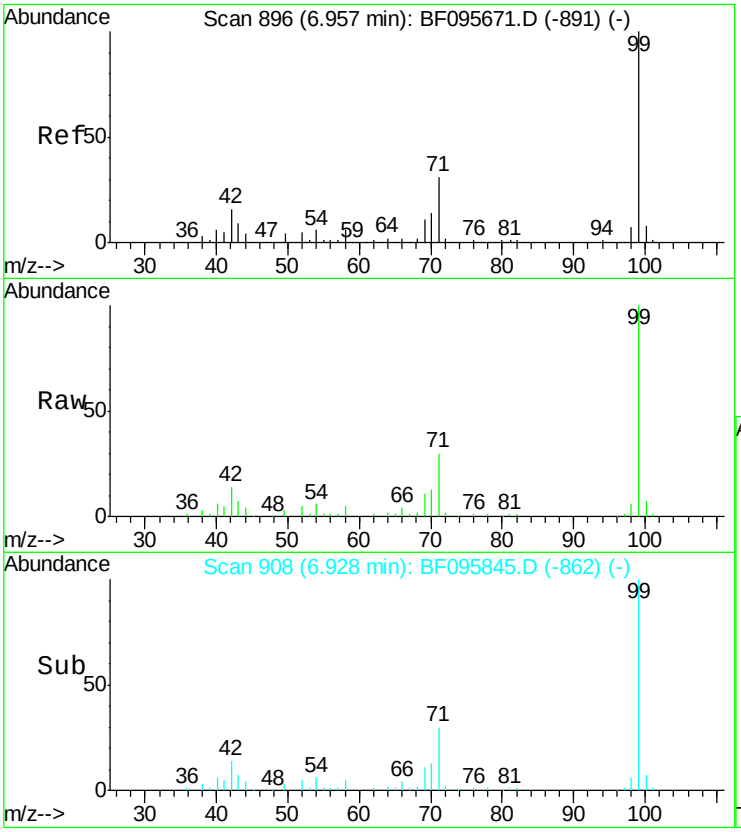


#5
2-Fluorophenol
Concen: 50.80 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:112 Resp: 210501

Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	24.3	23.4	35.0



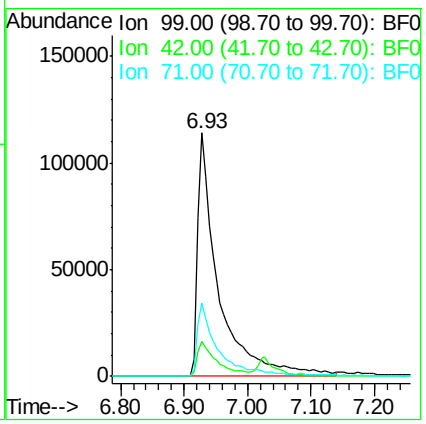


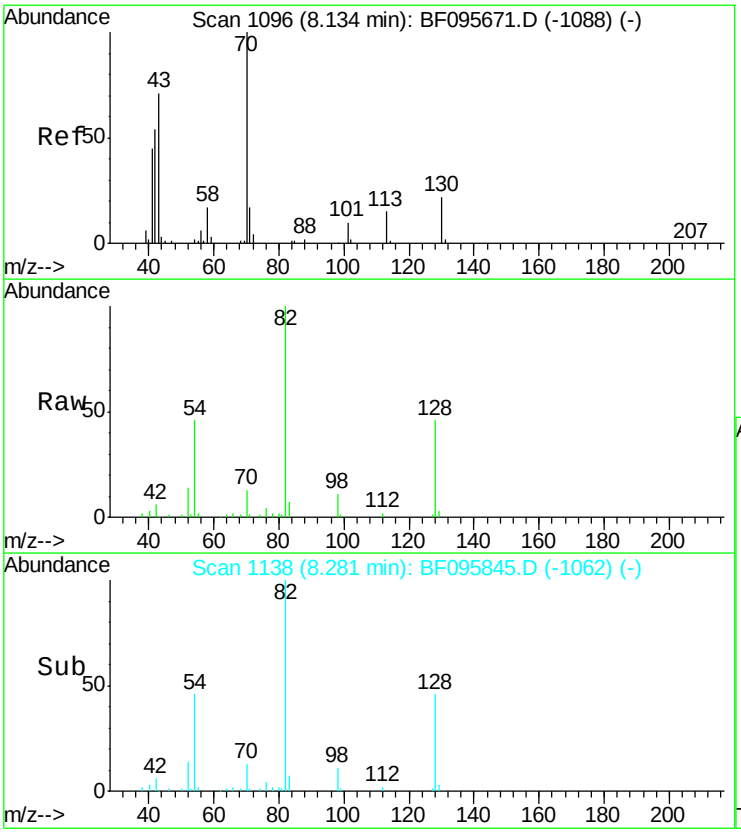
#7
Phenol-d6
Concen: 52.05 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion: 99 Resp: 258247

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	30.0	24.5	36.7

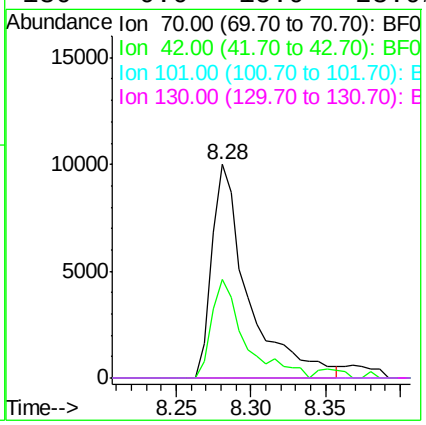


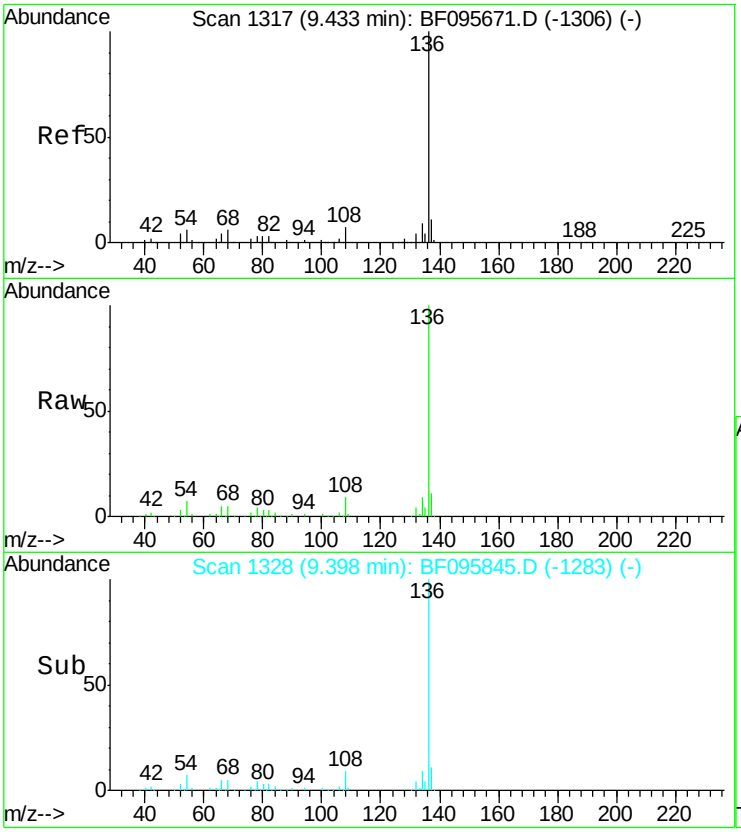


#19
n-Nitroso-di-n-propylamine
Concen: 5.41 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.15 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion: 70 Resp: 17016

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



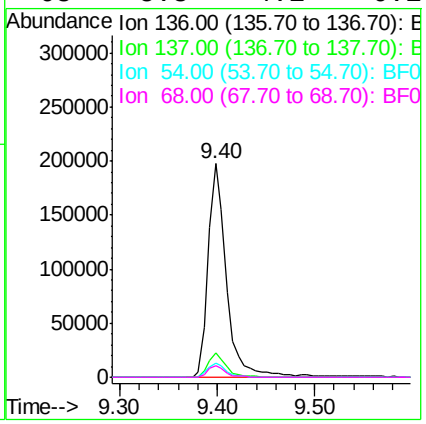


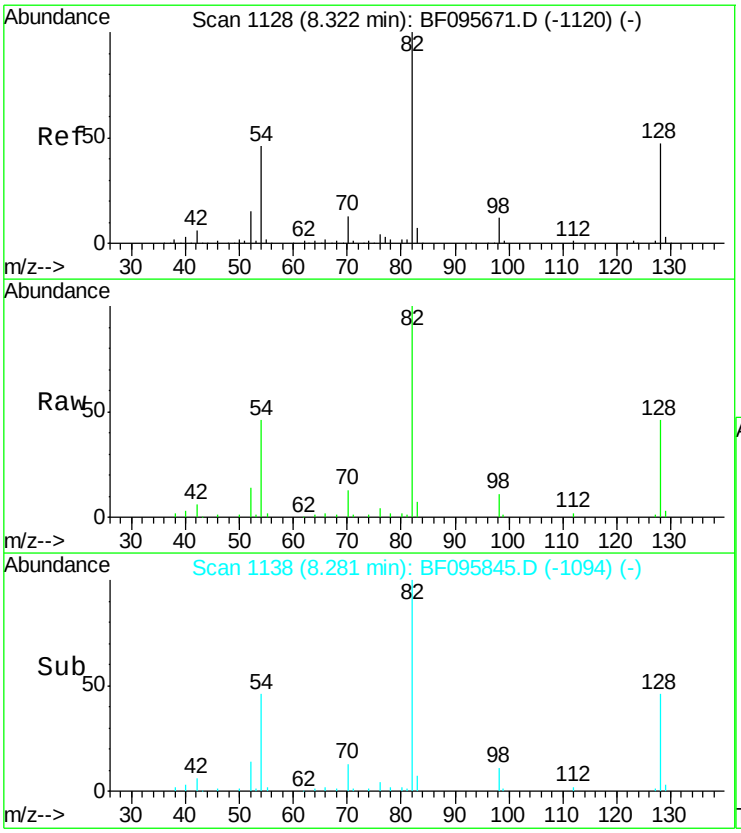
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:136 Resp: 258712

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1

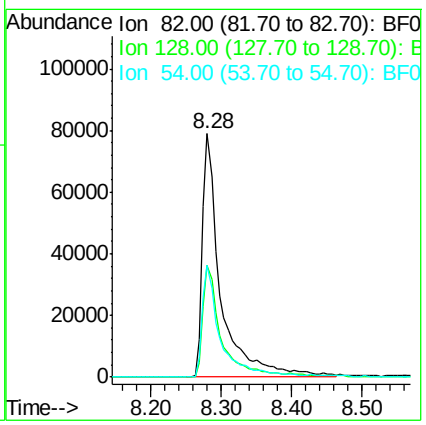


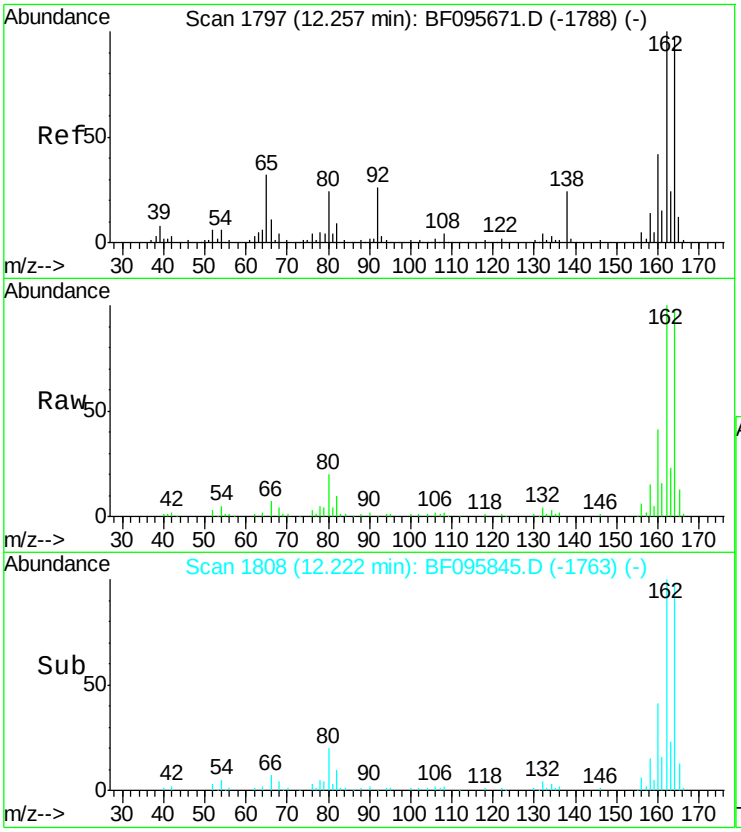


#23
Nitrobenzene-d5
Concen: 34.46 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion: 82 Resp: 143534

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	46.1	42.2	63.2



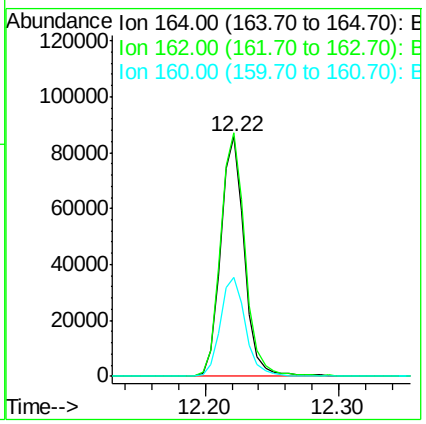


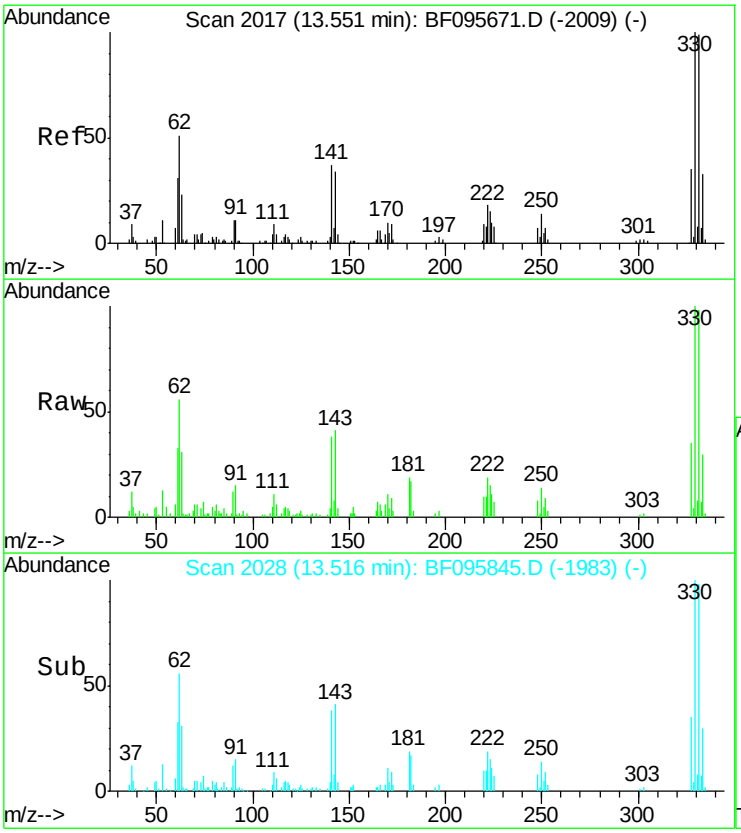
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:164 Resp: 106892

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	41.5	36.2	54.2

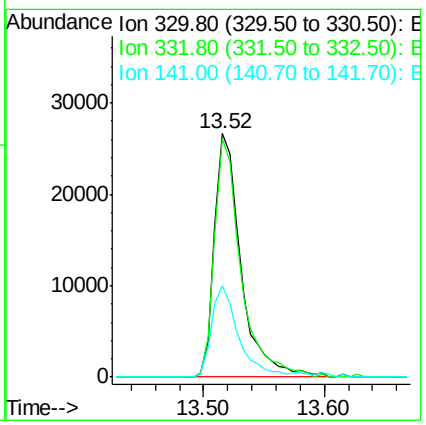


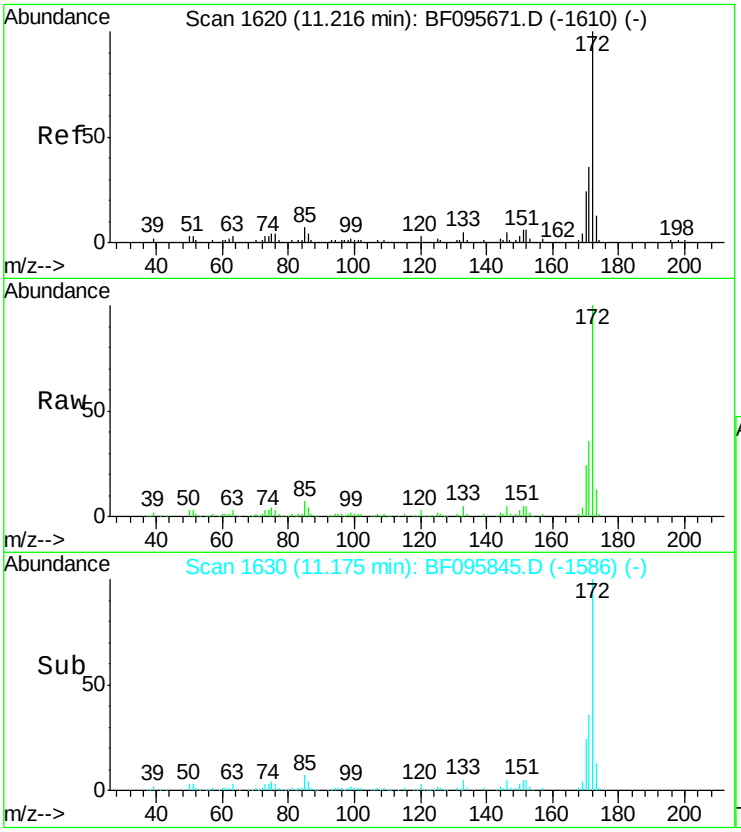


#41
2,4,6-Tribromophenol
Concen: 42.96 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:330 Resp: 40633

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.2	31.4	47.2



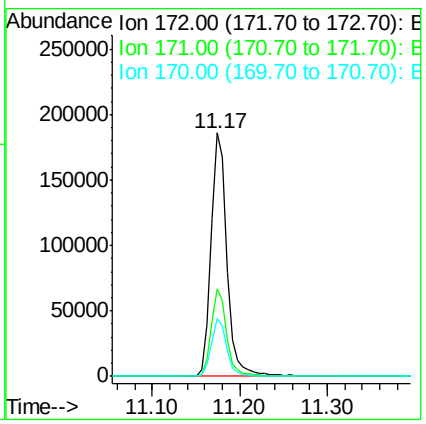


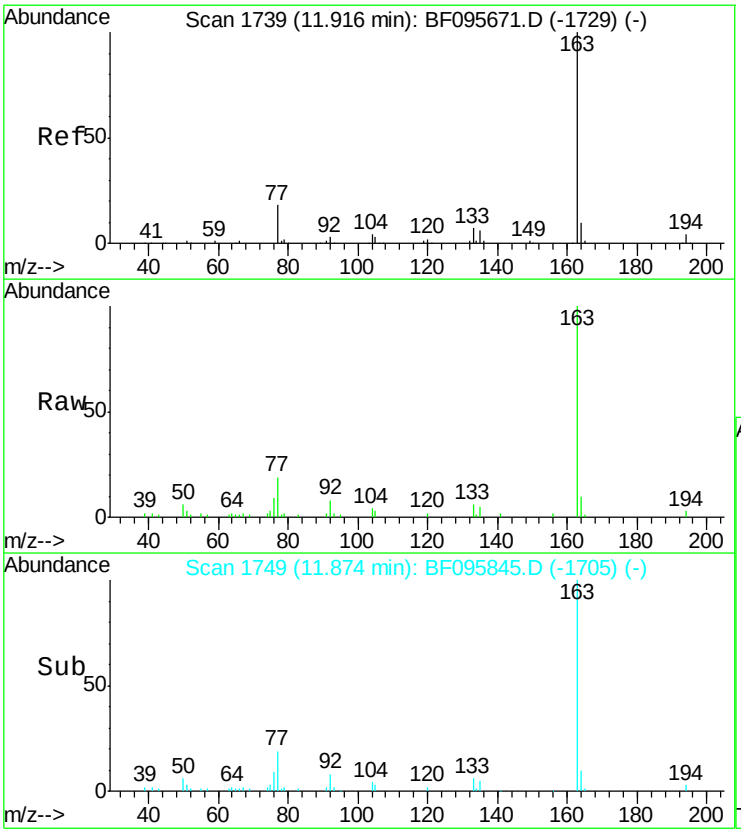
#44
2-Fluorobiphenyl
Concen: 30.74 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:172 Resp: 236090

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8

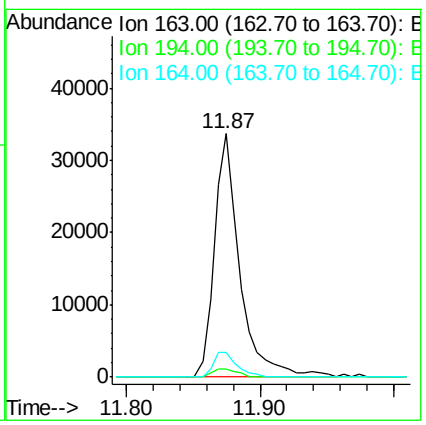


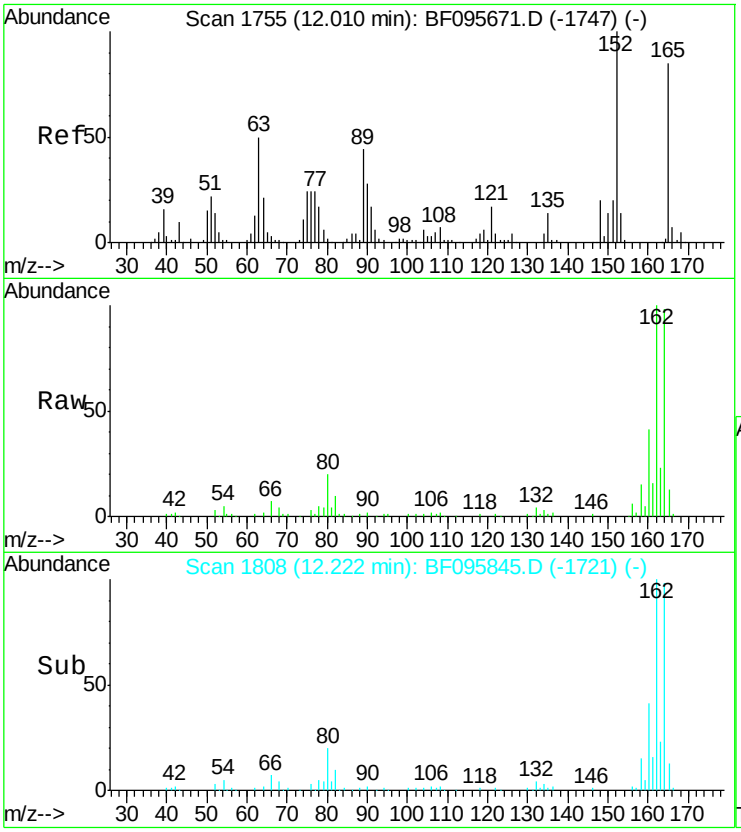


#49
Dimethylphthalate
Concen: 5.53 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:163 Resp: 44908

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6



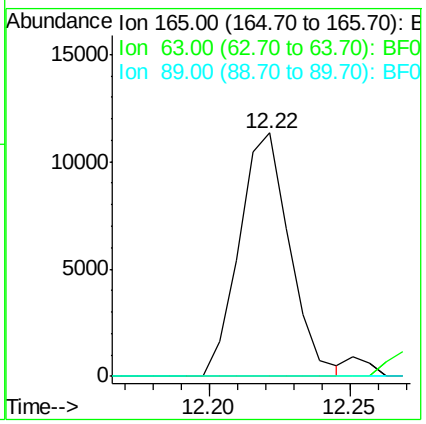


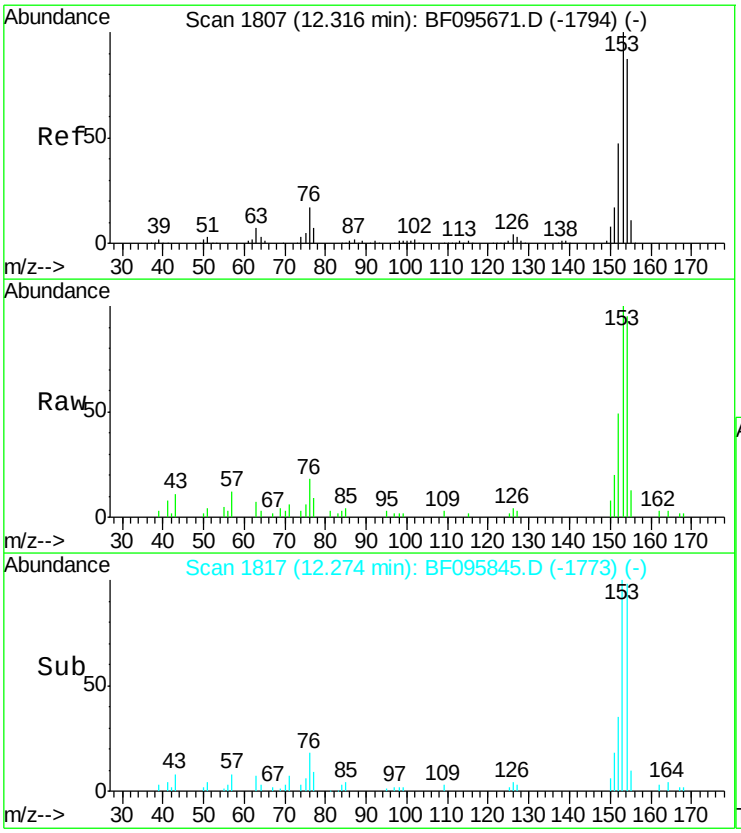
#50
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.21 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:165 Resp: 14098

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

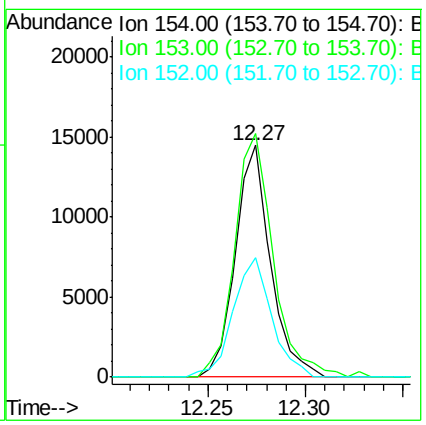


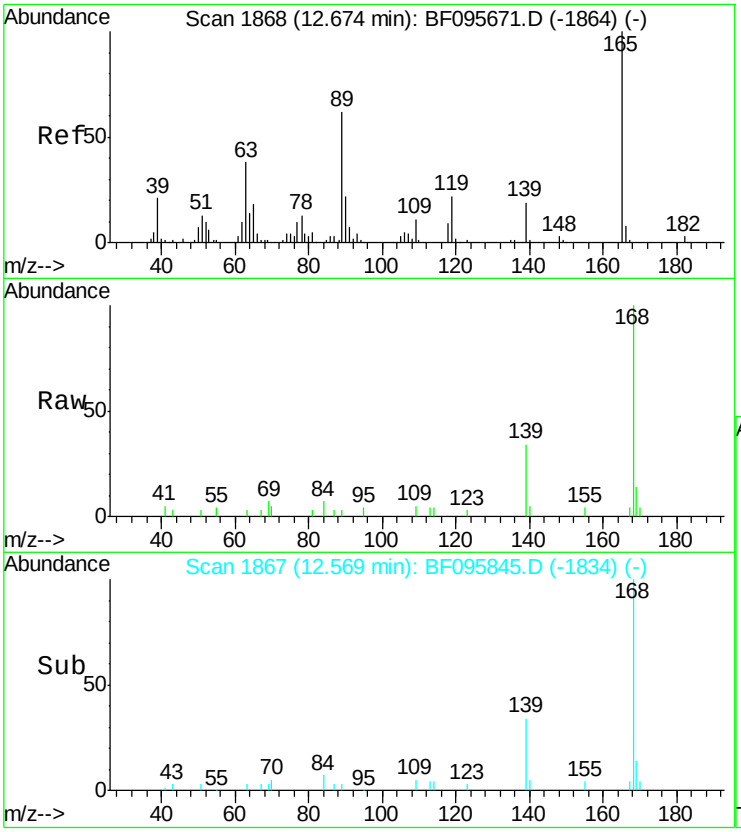


#51
Acenaphthene
Concen: 2.66 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:154 Resp: 18049

Ion	Ratio	Lower	Upper
154	100		
153	105.0	90.5	135.7
152	51.4	43.6	65.4



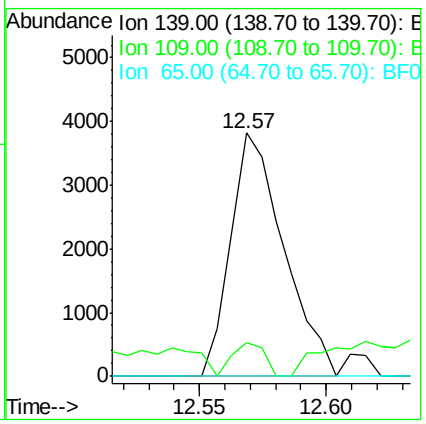


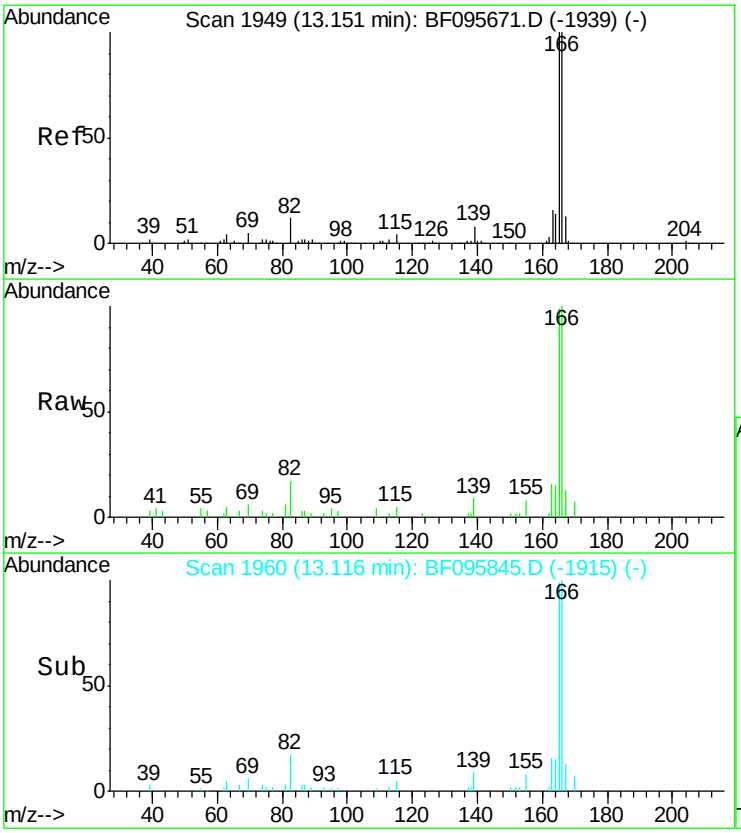
#55
4-Nitrophenol
Concen: 8.97 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.11 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:139 Resp: 5553

Ion	Ratio	Lower	Upper
139	100		
109	13.7	34.1	74.1#
65	0.0	31.4	71.4#

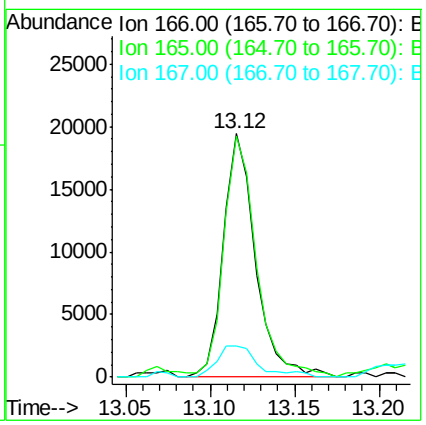


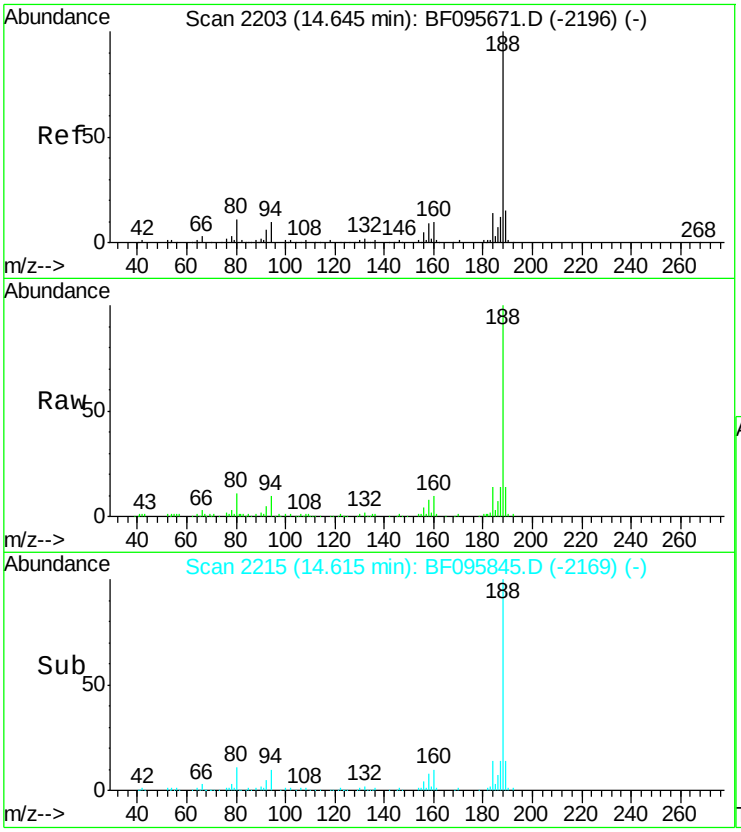


#57
Fluorene
Concen: 3.09 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:166 Resp: 25740

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	12.9	10.6	16.0



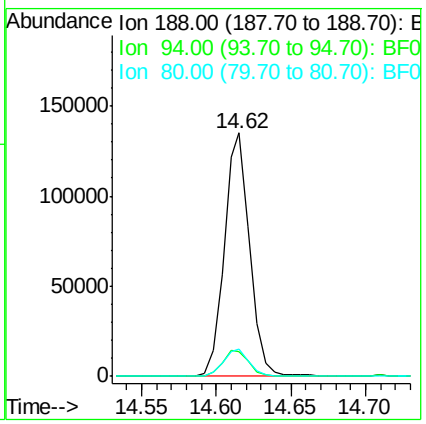


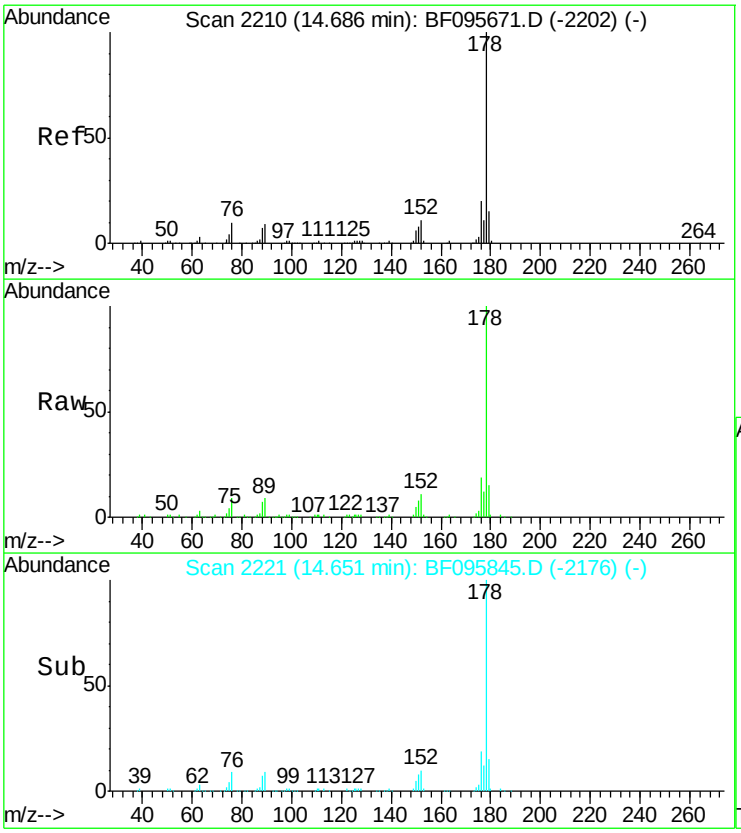
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:188 Resp: 160514

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2

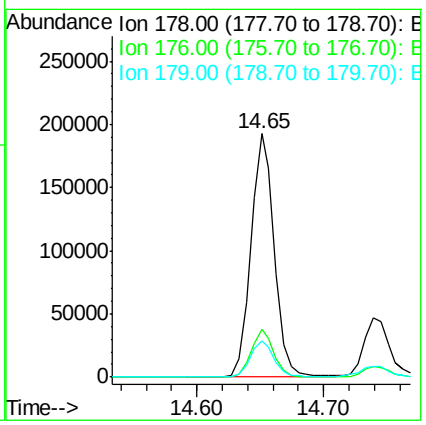


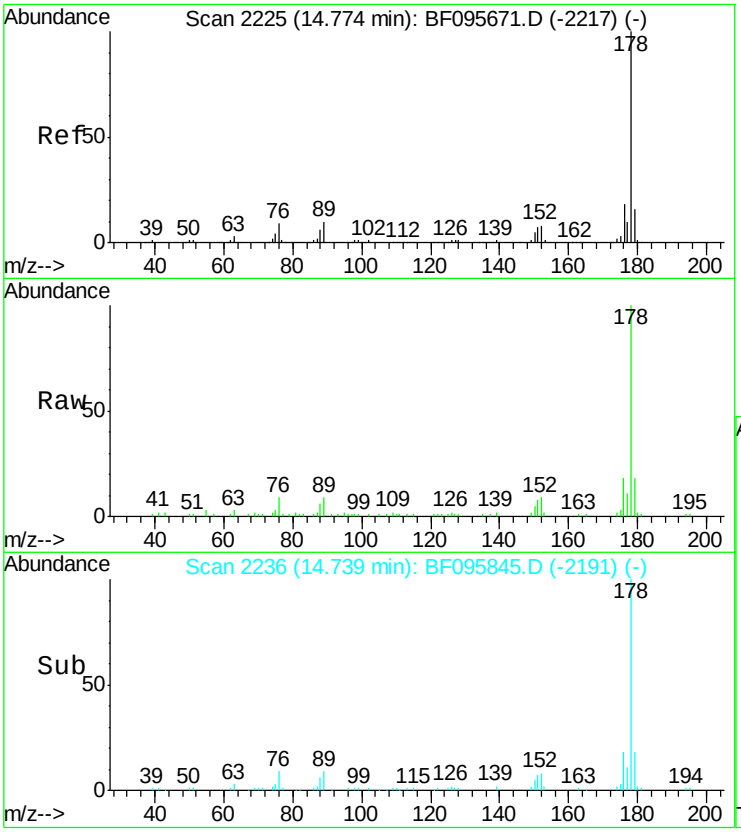


#70
Phenanthrene
Concen: 26.76 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:178 Resp: 247819

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.2	12.6	19.0



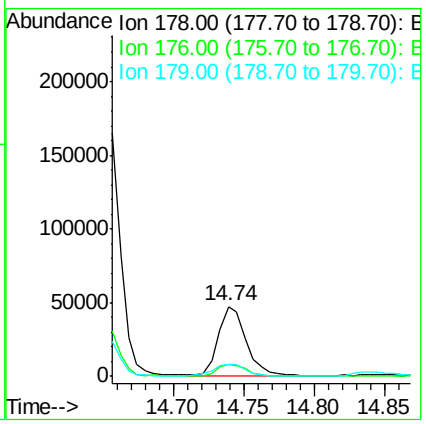


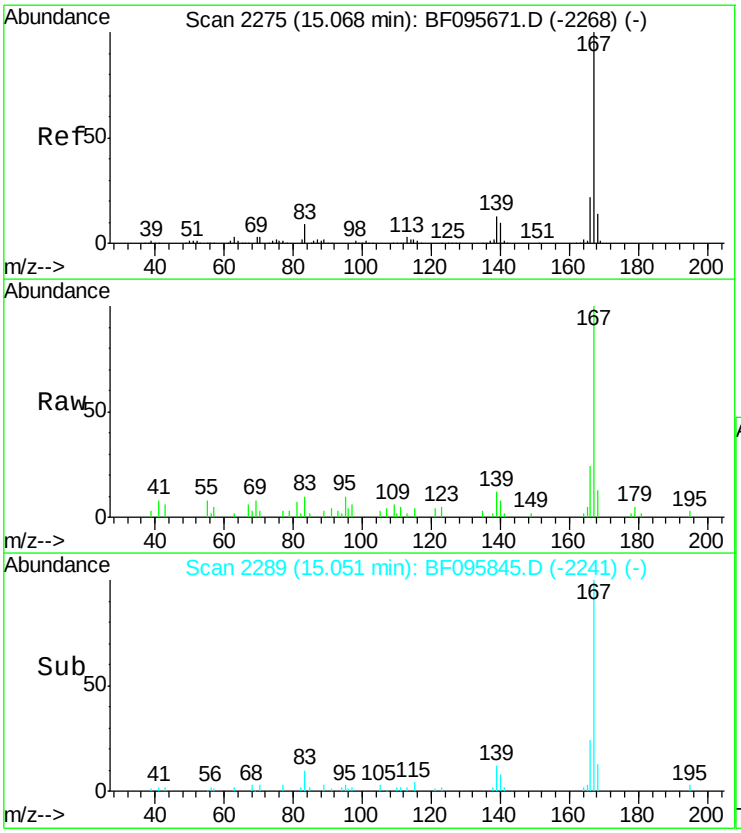
#71
Anthracene
Concen: 6.67 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:178 Resp: 64517

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	17.7	12.7	19.1

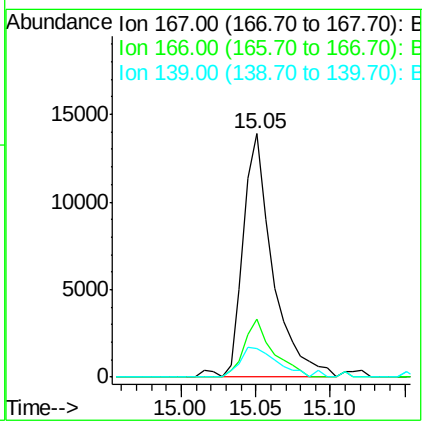


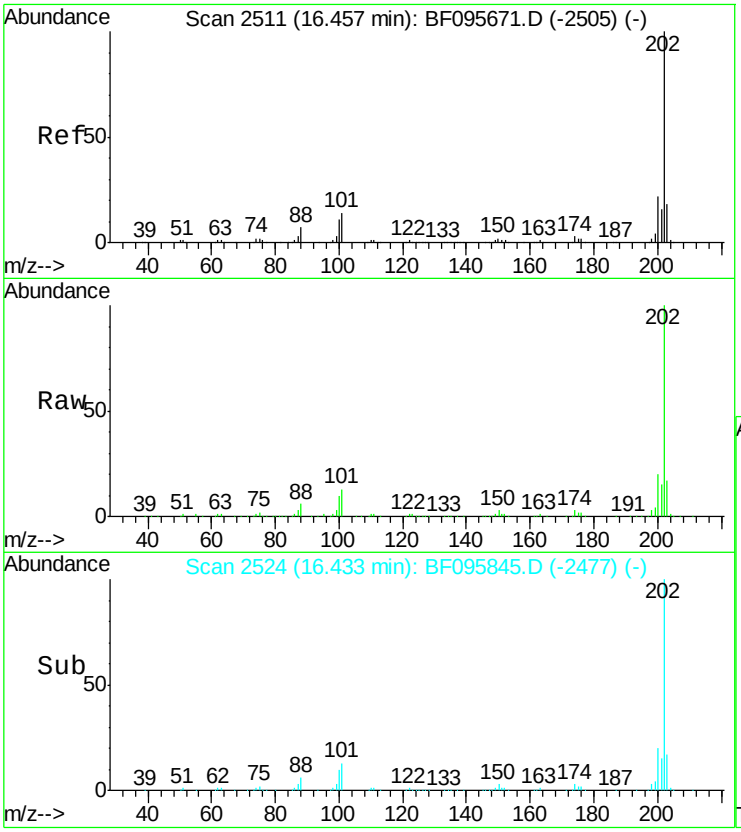


#72
Carbazole
Concen: 2.03 ng
RT: 15.05 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:167 Resp: 19081

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.1	27.1
139	11.7	11.7	17.5#



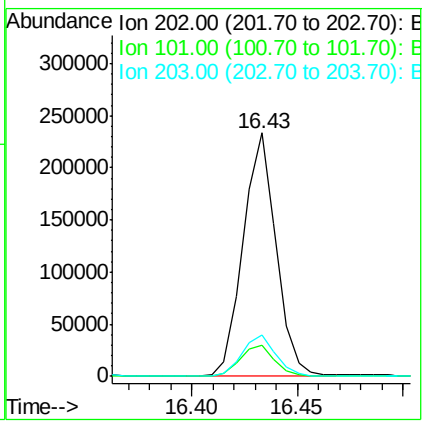


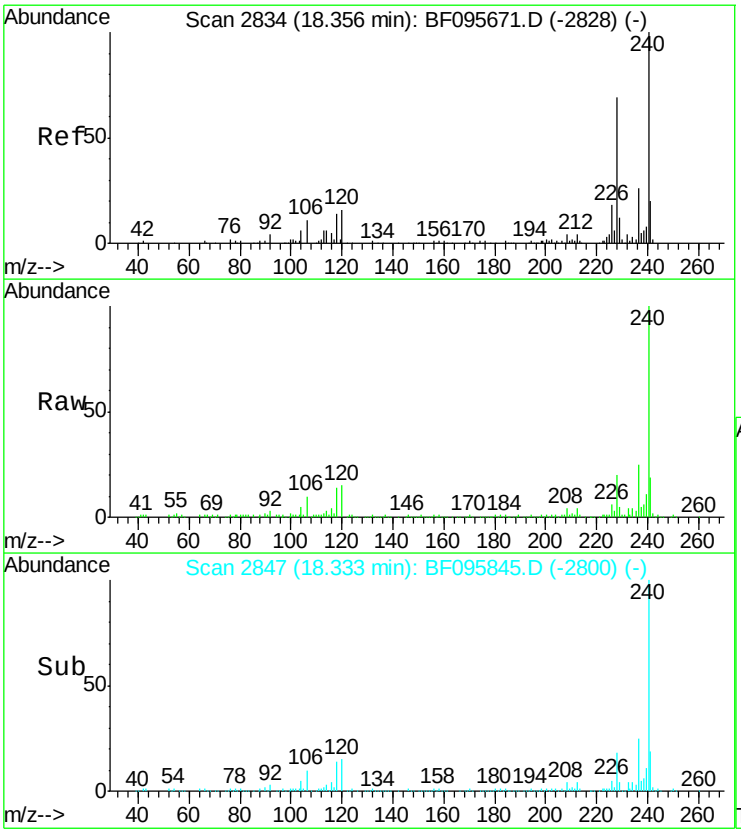
#74
Fluoranthene
Concen: 27.78 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:202 Resp: 254668

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.8	0.0	38.1

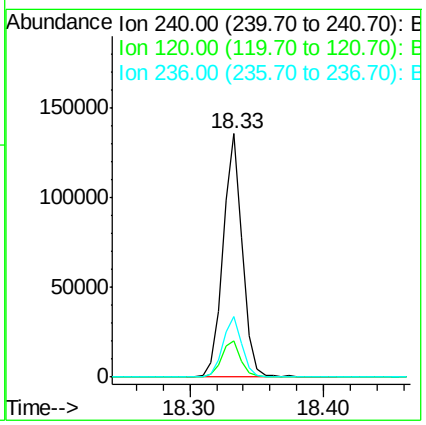


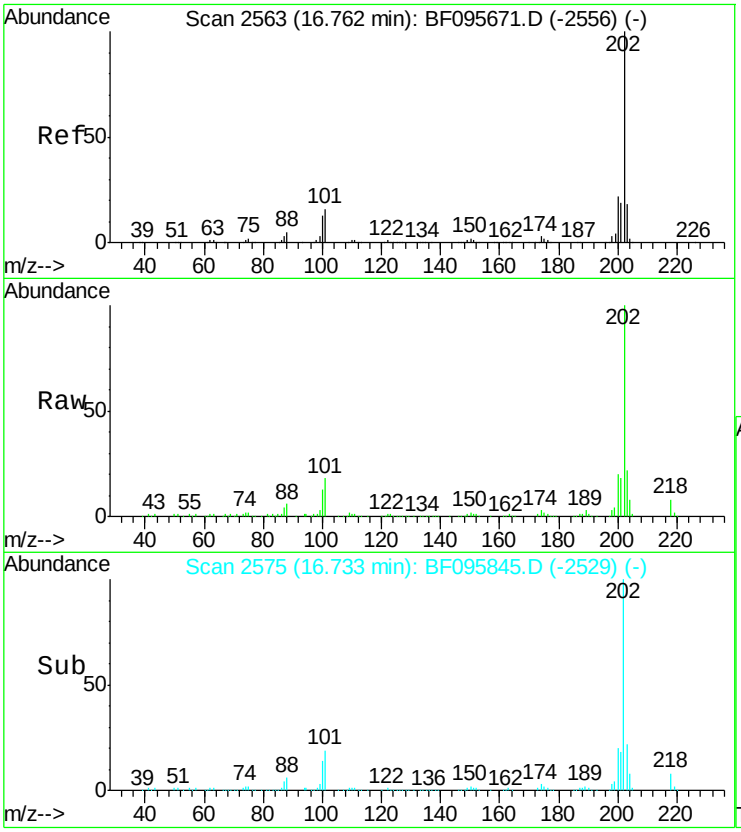


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:240 Resp: 137350

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7



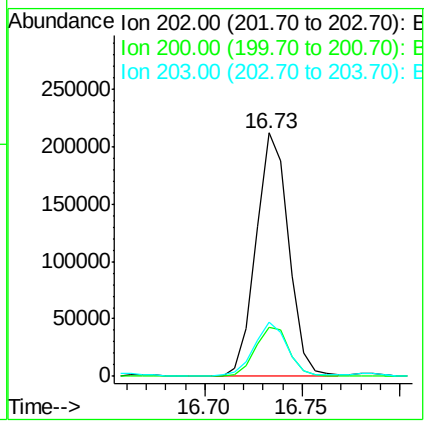


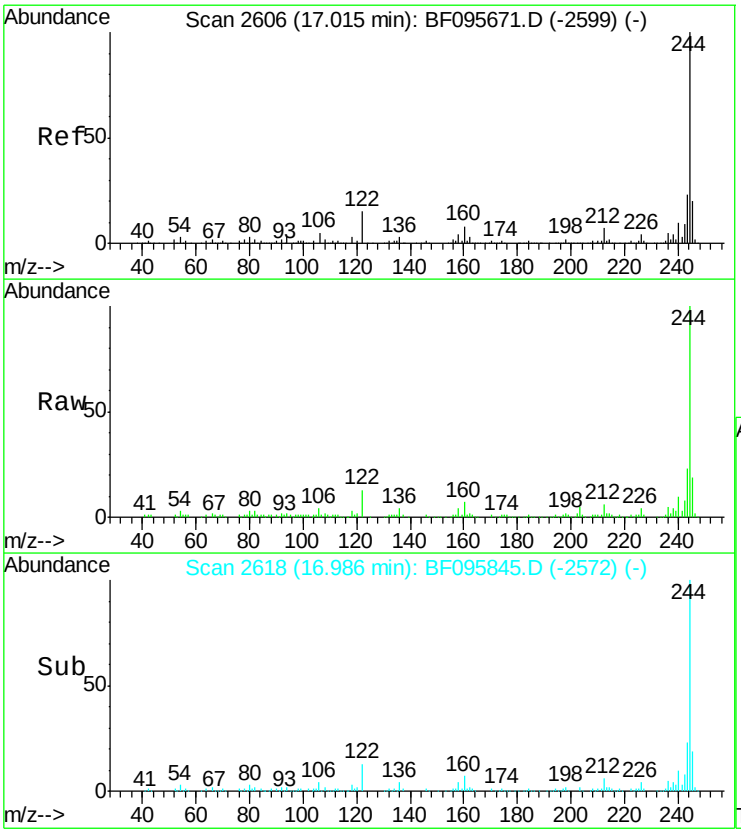
#77
Pyrene
Concen: 23.96 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Instrument :
BNA_F
ClientSampleId :
PIER-53-A-COMP

Tgt Ion:202 Resp: 245578

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	22.0	14.4	21.6#





#78
Terphenyl-d14
Concen: 25.40 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:244 Resp: 140551

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.8	10.3	15.5