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

Quantitation Report (QT Reviewed)

Data File : BF095839.D
Acq On : 10 Jun 2017 00:43
Operator : SJ/MA
Sample : I3503-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIER-56-COMP

Quant Time: Jun 12 07:00:48 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	70244	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	282572	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	119795	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	189859	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	138636	20.00	ng		-0.02
86) Perylene-d12	20.00	264	119990	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	596407	135.29	ng		-0.02
7) Phenol-d6	6.93	99	724133	137.21	ng		-0.02
23) Nitrobenzene-d5	8.29	82	413208	90.82	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	126293	119.15	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	641869	74.56	ng		-0.04
78) Terphenyl-d14	16.99	244	379012	67.85	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.95	94	14674	2.68	ng	#	58
49) Dimethylphthalate	11.87	163	151006	16.60	ng	#	98
70) Phenanthrene	14.65	178	114047	10.41	ng		97
71) Anthracene	14.74	178	34573m	3.02	ng		
74) Fluoranthene	16.43	202	181711	16.76	ng		97
77) Pyrene	16.73	202	172301	16.66	ng	#	94
80) Benzo(a)anthracene	18.32	228	82946	10.29	ng		97
82) Chrysene	18.36	228	80551	10.00	ng		99
85) Indeno(1,2,3-cd)pyrene	21.19	276	36950	5.36	ng		92
87) Benzo(b)fluoranthene	19.60	252	89768m	11.95	ng		
88) Benzo(k)fluoranthene	19.63	252	34775m	4.84	ng		
89) Benzo(a)pyrene	19.95	252	75140	10.88	ng		98
90) Dibenzo(a,h)anthracene	21.18	278	11964m	2.04	ng		
91) Benzo(g,h,i)perylene	21.51	276	40569	6.79	ng		94

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

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

Quantitation Report (QT Reviewed)

Data File : BF095839.D
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Operator : SJ/MA
Sample : I3503-05
Misc :
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
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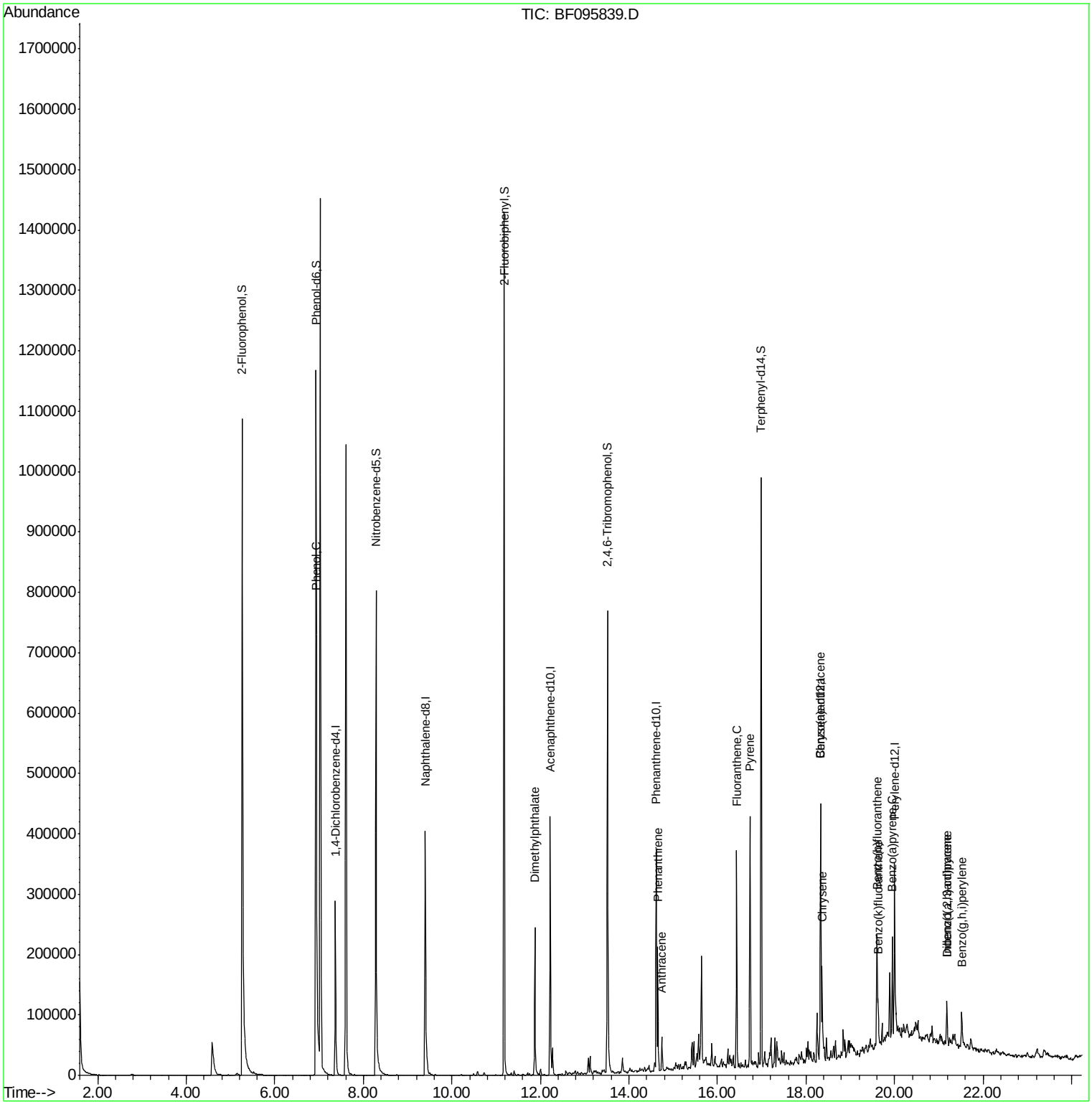
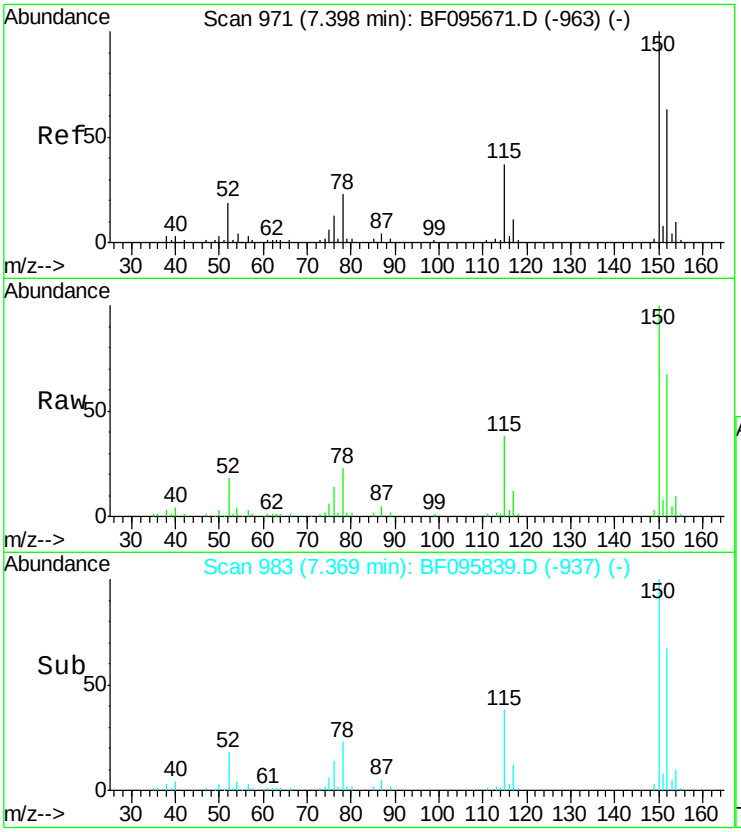


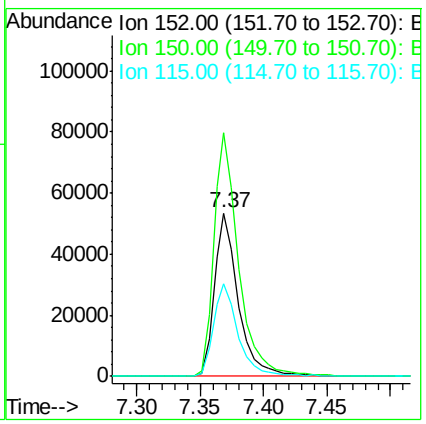


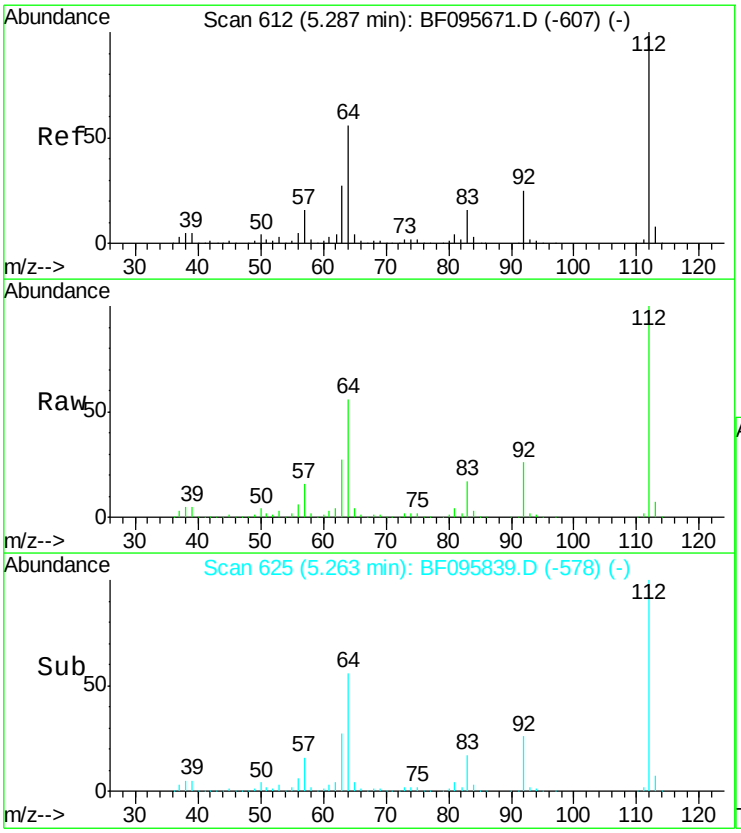
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:152 Resp: 70244

Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.2	189.2
115	56.9	52.2	78.2

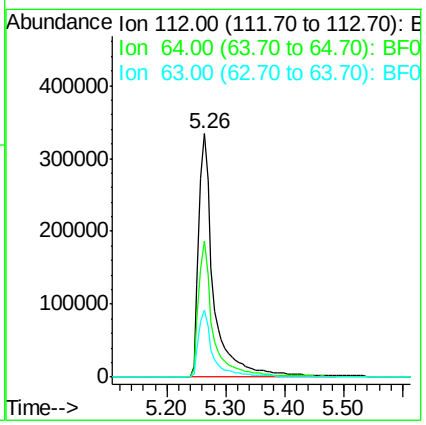


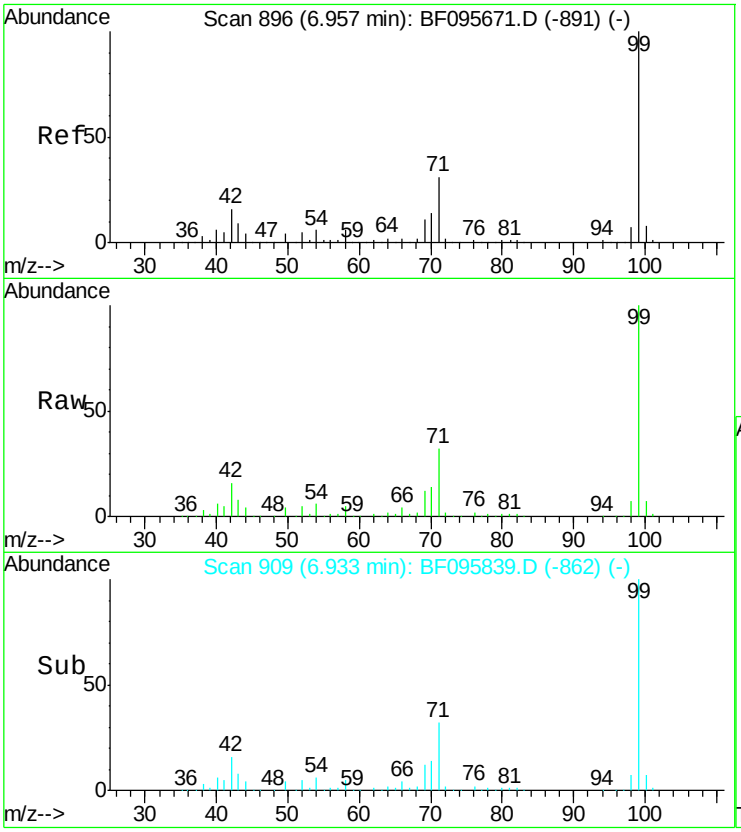


#5
2-Fluorophenol
Concen: 135.29 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:112 Resp: 596407

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	27.5	23.4	35.0



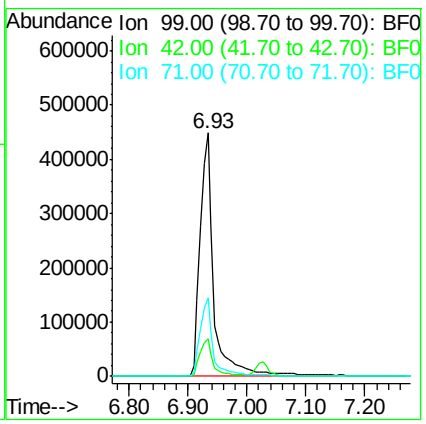


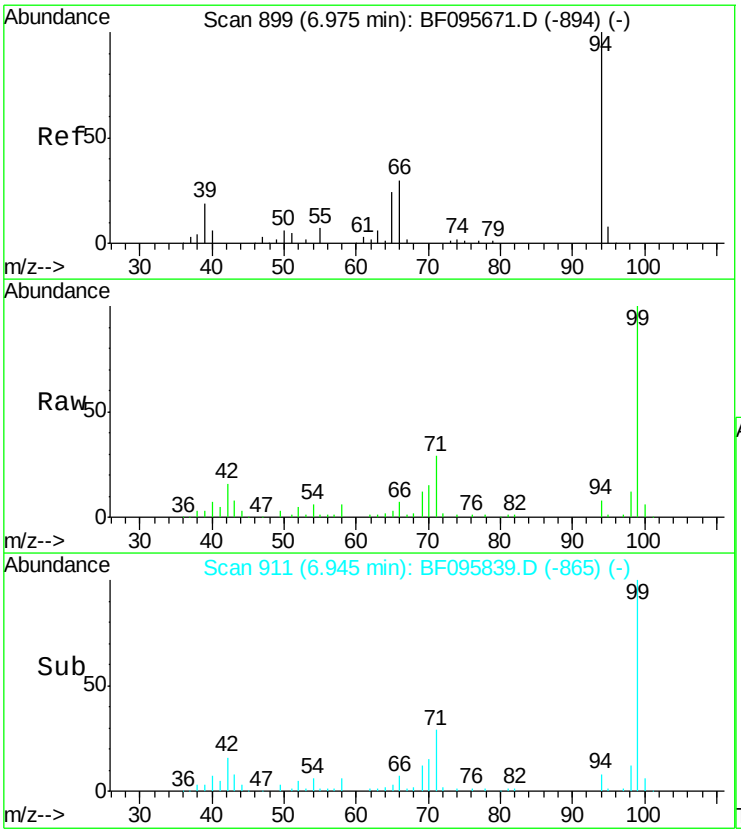
#7
Phenol-d6
Concen: 137.21 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion: 99 Resp: 724133

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.1	24.5	36.7

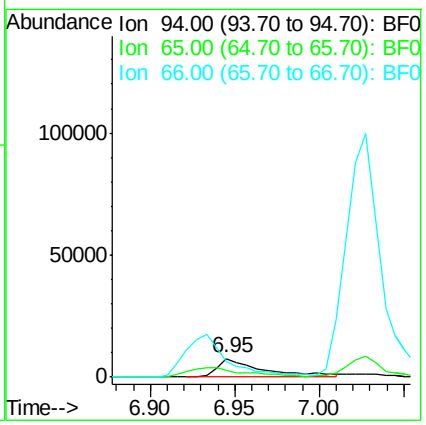


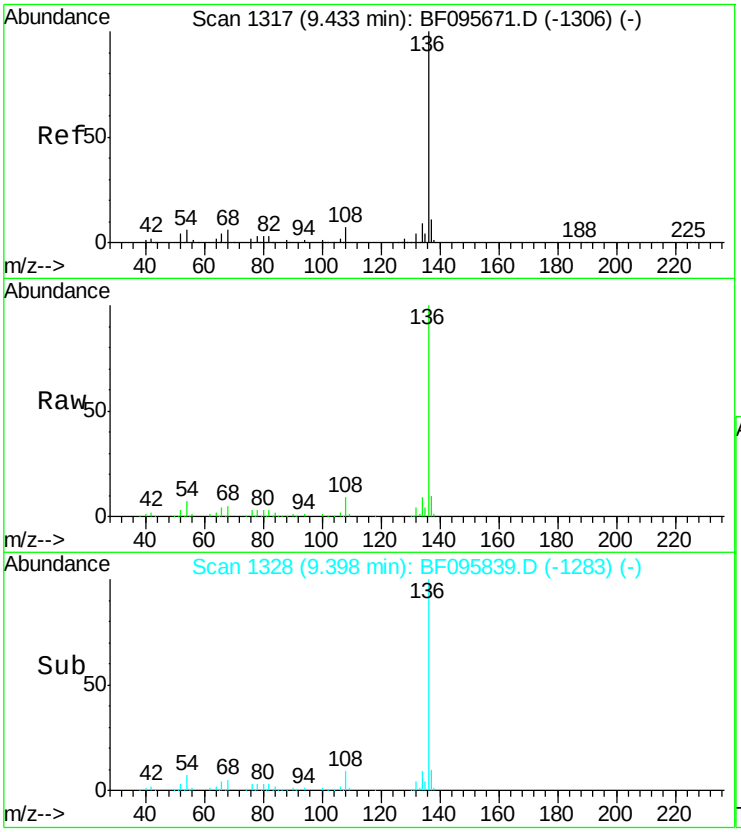


#10
Phenol
Concen: 2.68 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion: 94 Resp: 14674

Ion	Ratio	Lower	Upper
94	100		
65	35.8	9.9	49.9
66	84.1	23.1	63.1#



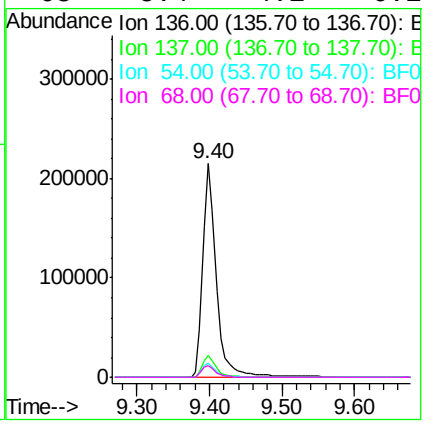


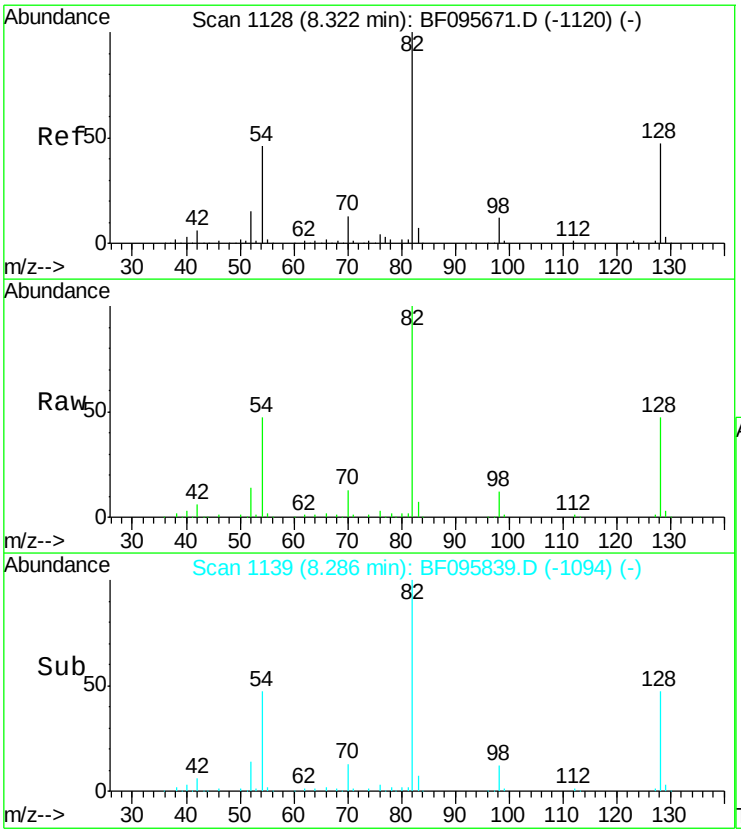
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:136 Resp: 282572

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1

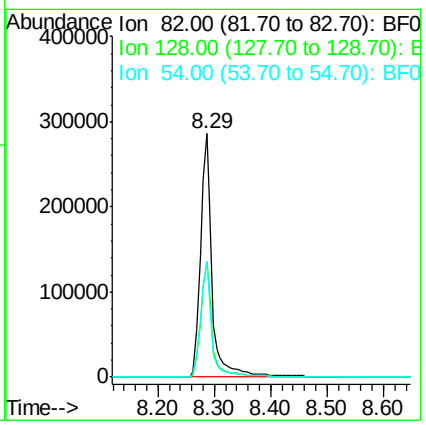


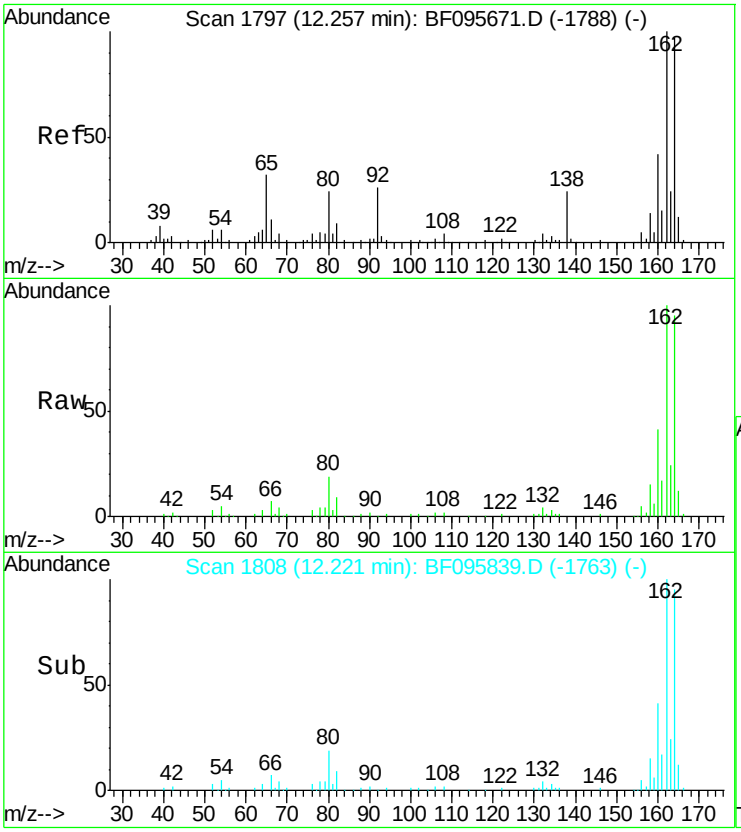


#23
Nitrobenzene-d5
Concen: 90.82 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion: 82 Resp: 413208

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	47.3	42.2	63.2



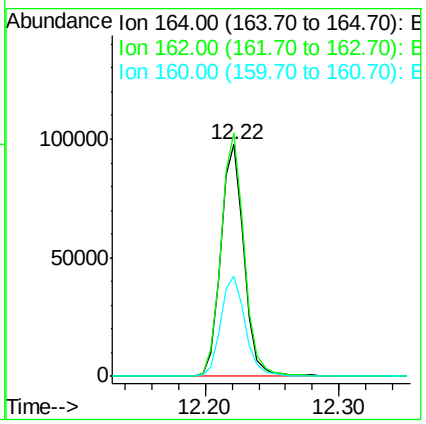


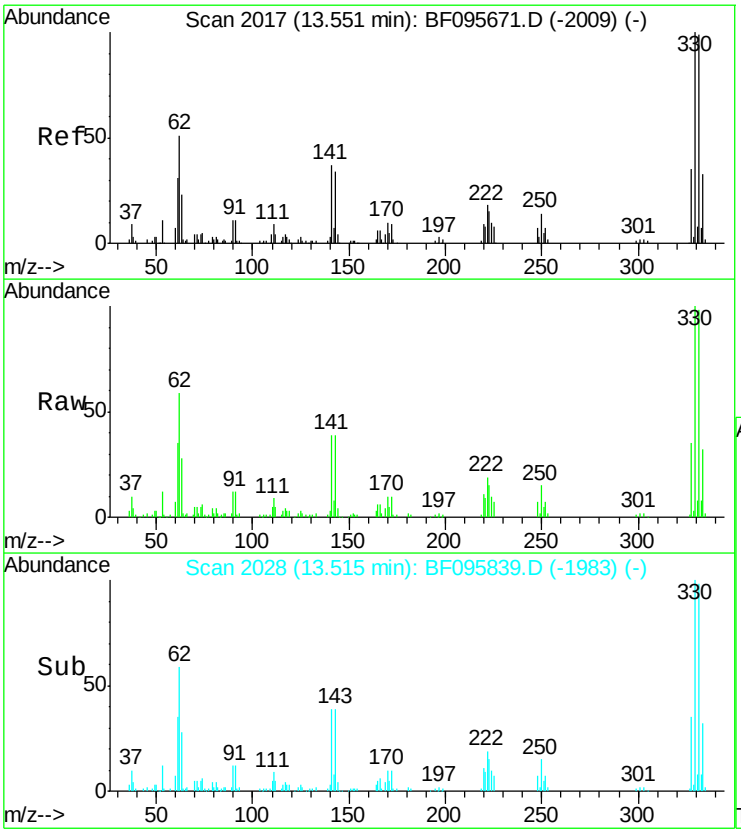
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:164 Resp: 119795

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	43.5	36.2	54.2

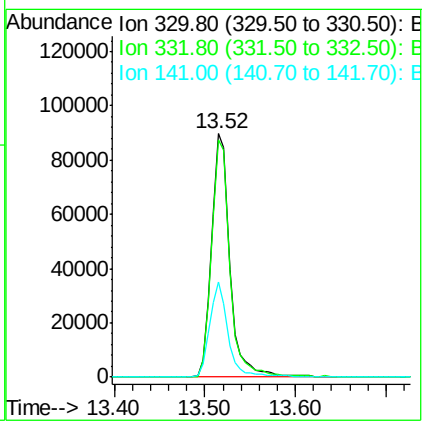


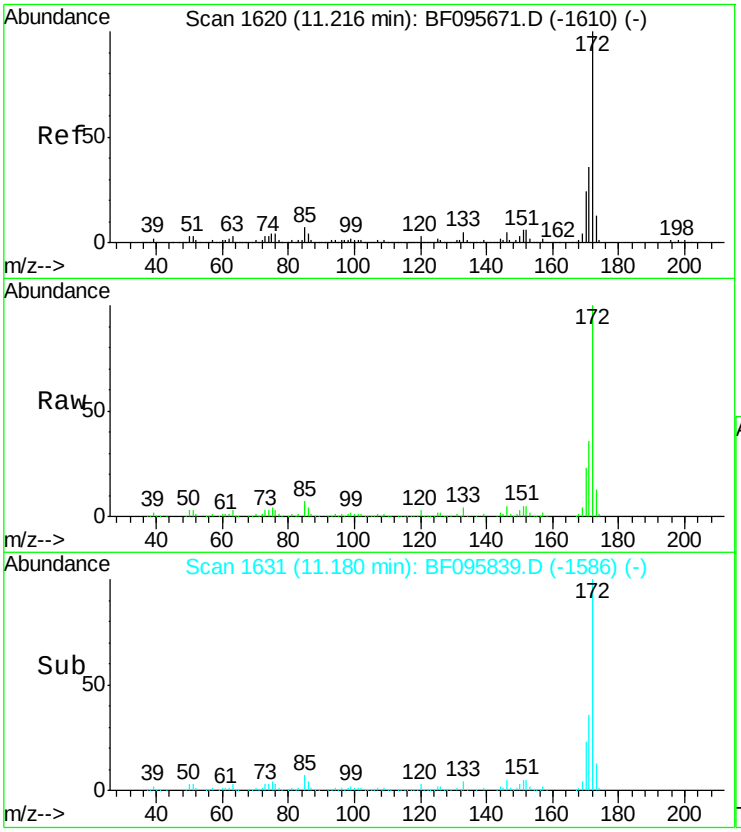


#41
2,4,6-Tribromophenol
Concen: 119.15 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:330 Resp: 126293

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	38.7	31.4	47.2



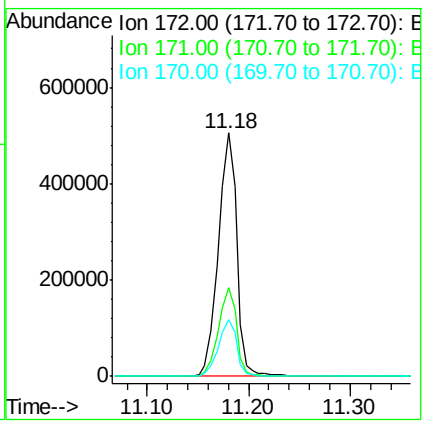


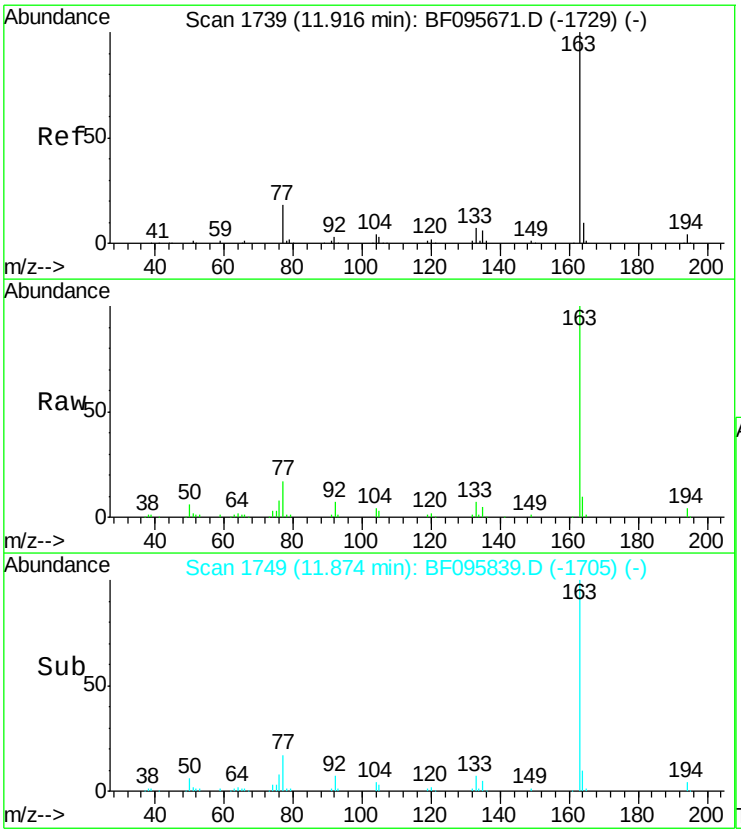
#44
2-Fluorobiphenyl
Concen: 74.56 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:172 Resp: 641869

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.5	19.8	29.8

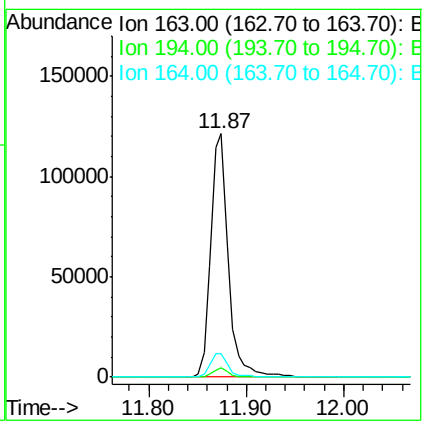


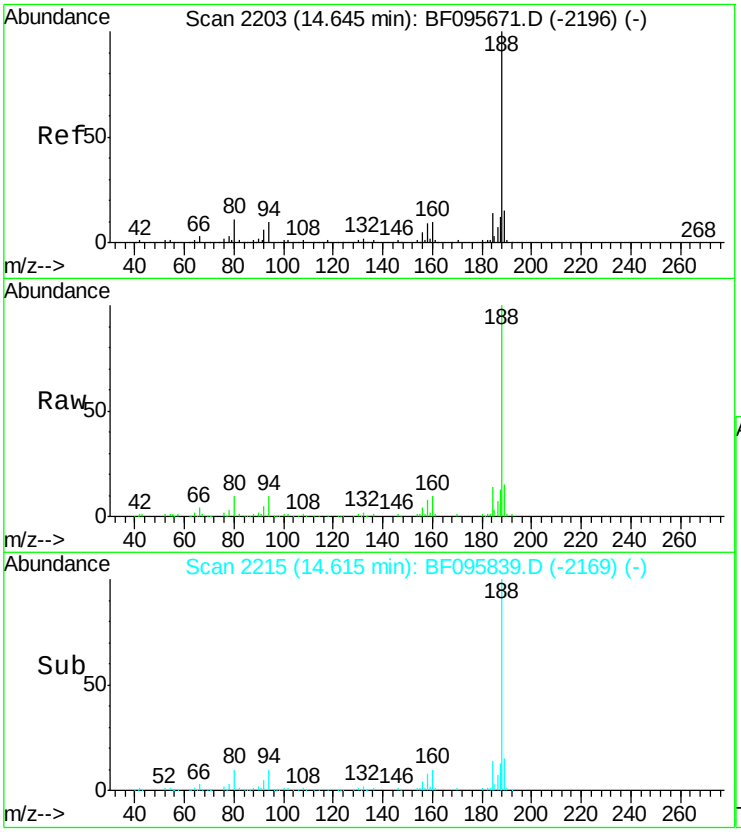


#49
Dimethylphthalate
Concen: 16.60 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:163 Resp: 151006

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.8	8.4	12.6



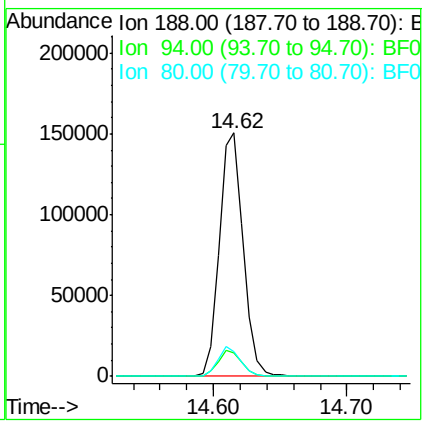


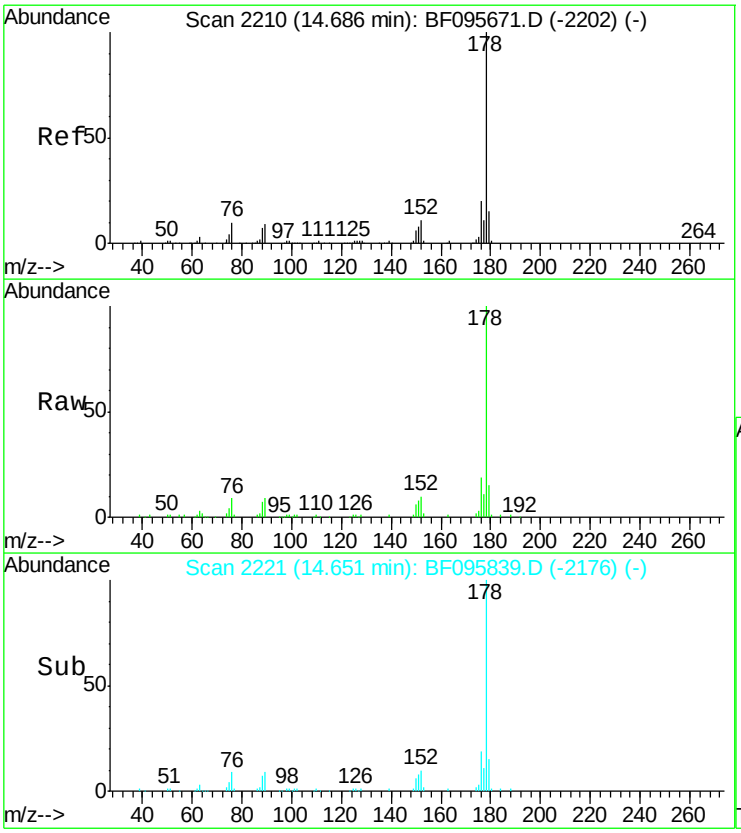
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:188 Resp: 189859

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.1	10.2	15.2#

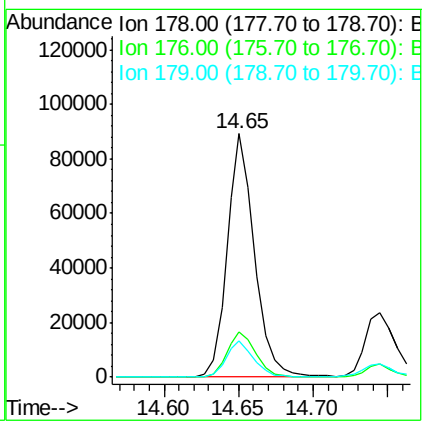


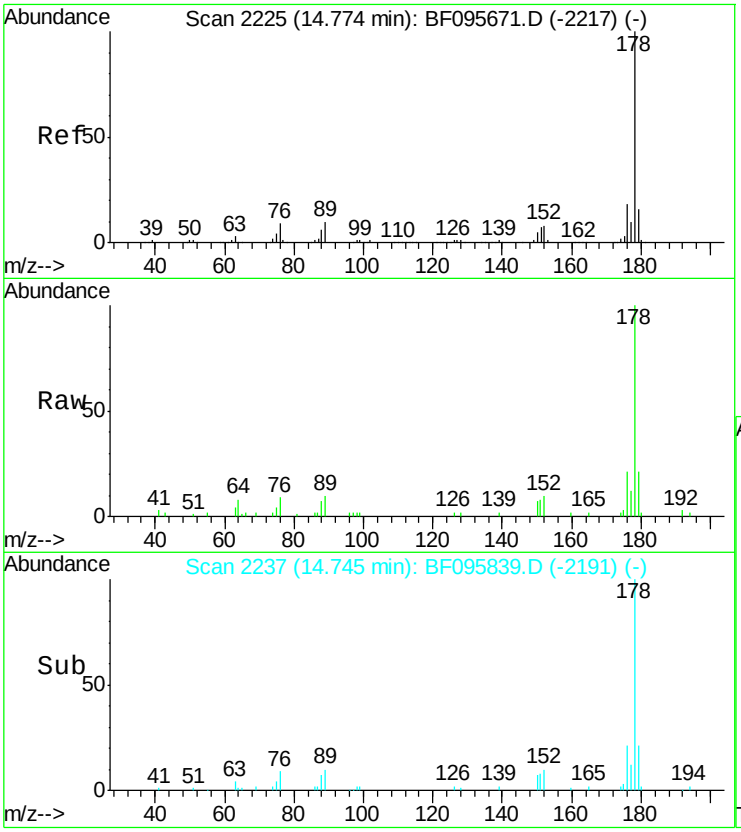


#70
Phenanthrene
Concen: 10.41 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:178 Resp: 114047

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.7	12.6	19.0



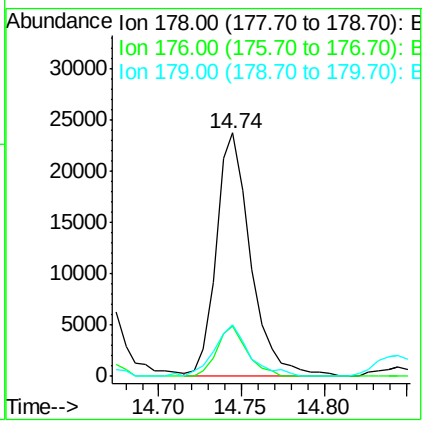


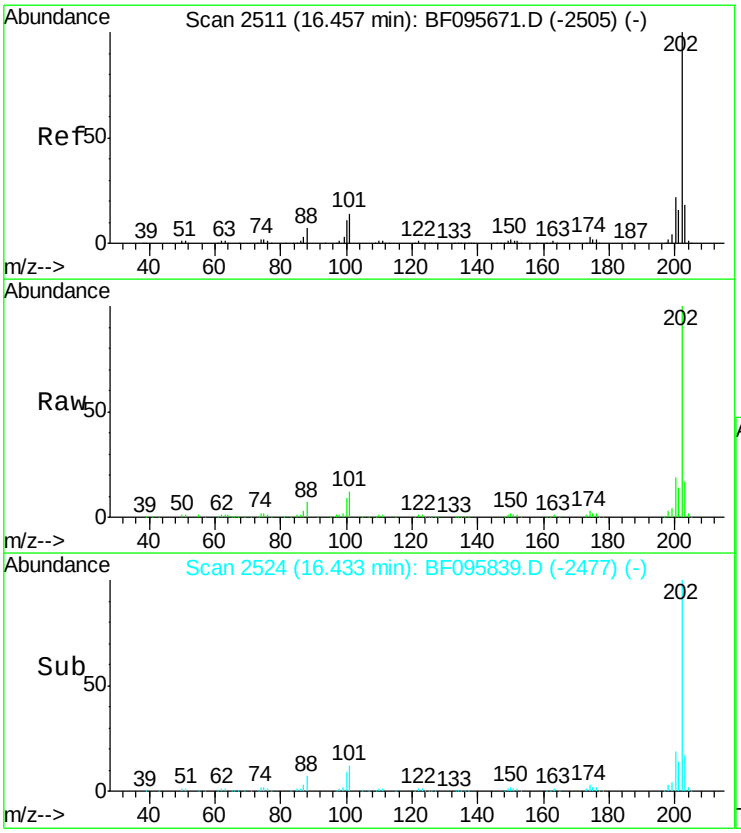
#71
Anthracene
Concen: 3.02 ng m
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:178 Resp: 34573

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	21.3	12.7	19.1#

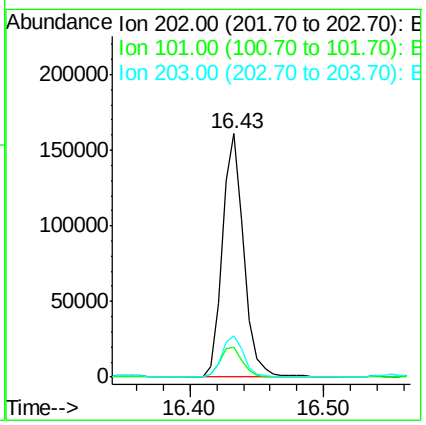


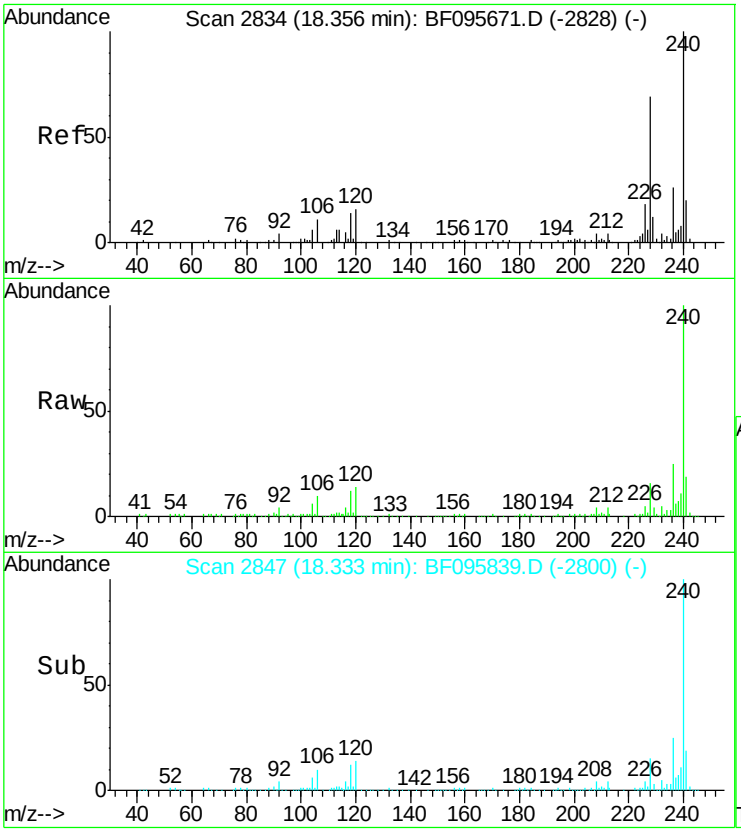


#74
Fluoranthene
Concen: 16.76 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:202 Resp: 181711

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1



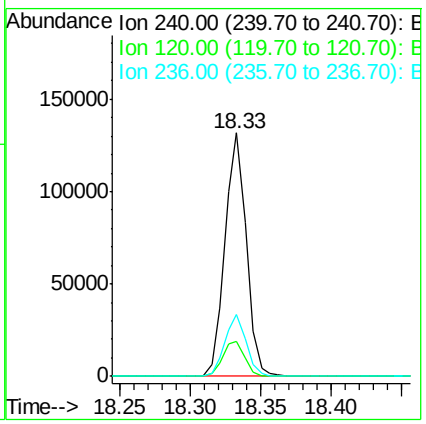


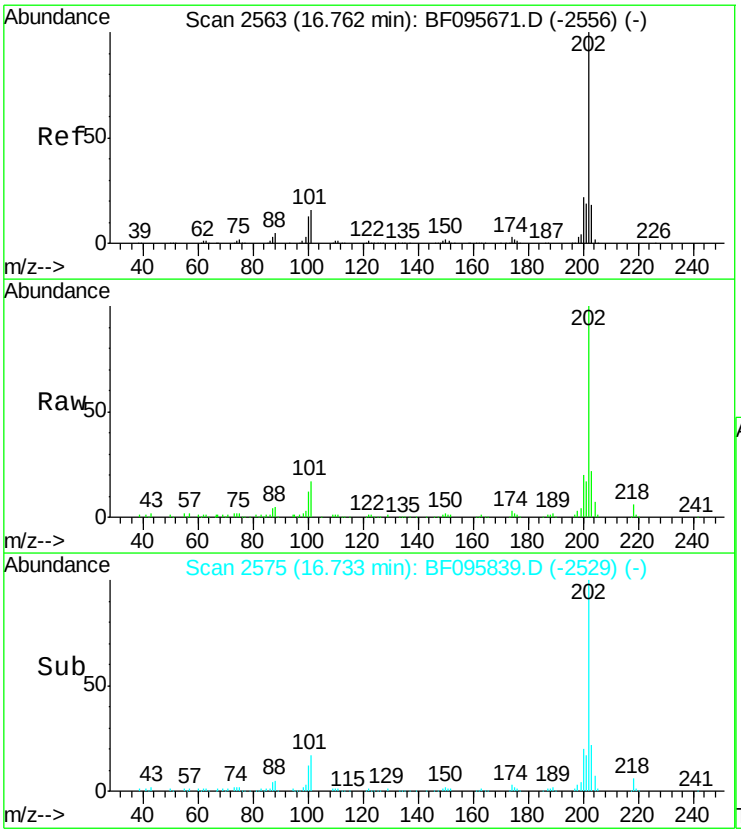
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:240 Resp: 138636

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.5	20.5	30.7

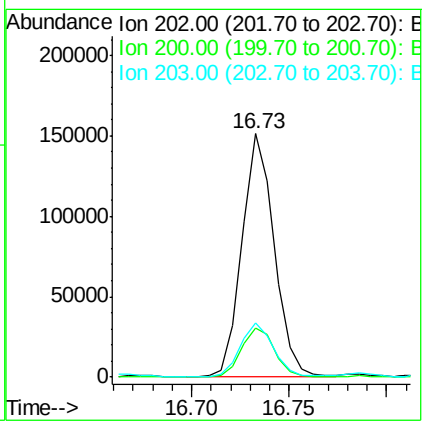


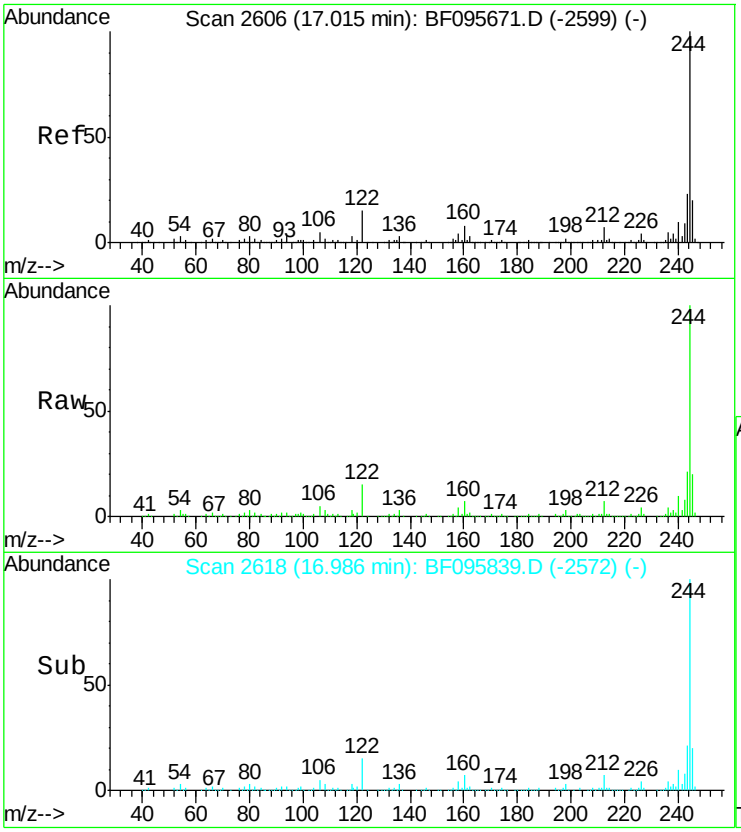


#77
Pyrene
Concen: 16.66 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:202 Resp: 172301

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	22.0	14.4	21.6#



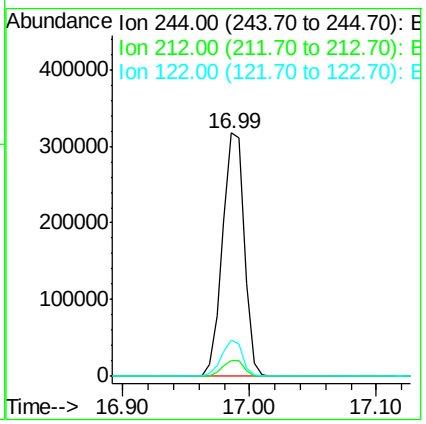


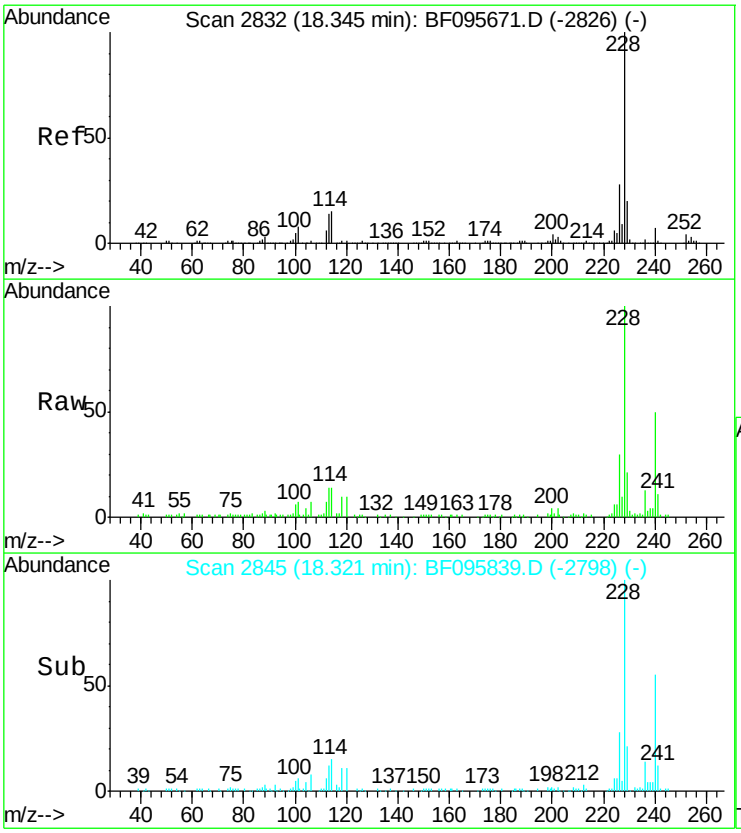
#78
Terphenyl-d14
Concen: 67.85 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:244 Resp: 379012

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.0	10.3	15.5

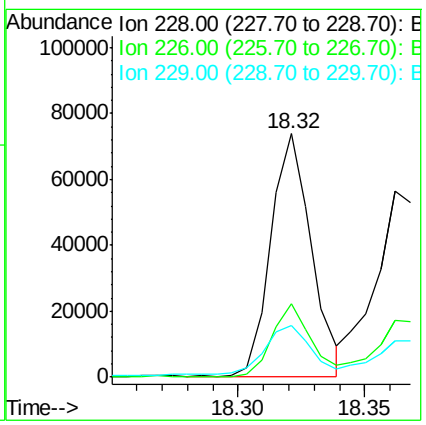


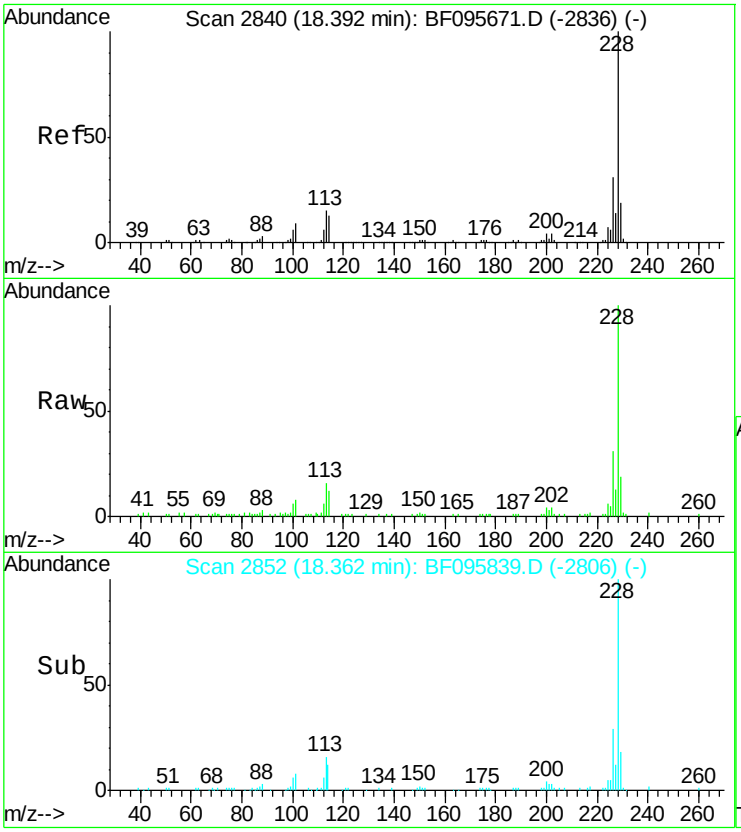


#80
Benzo(a)anthracene
Concen: 10.29 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:228 Resp: 82946

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.2	16.3	24.5



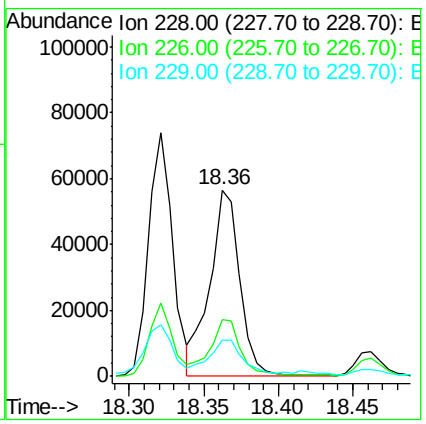


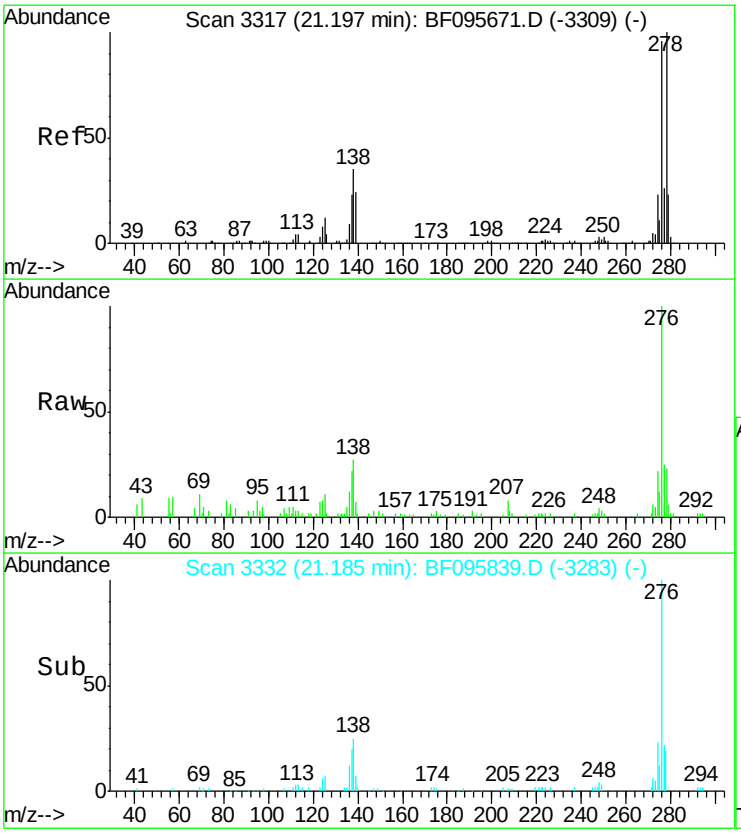
#82
Chrysene
Concen: 10.00 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:228 Resp: 80551

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.1	15.8	23.6

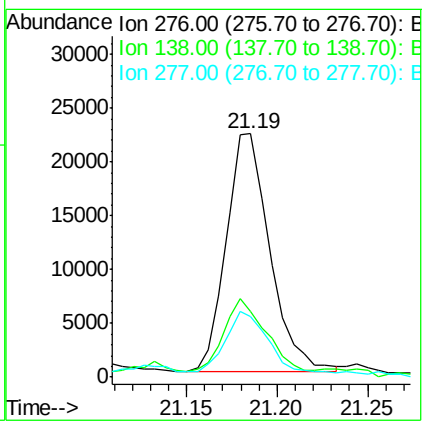


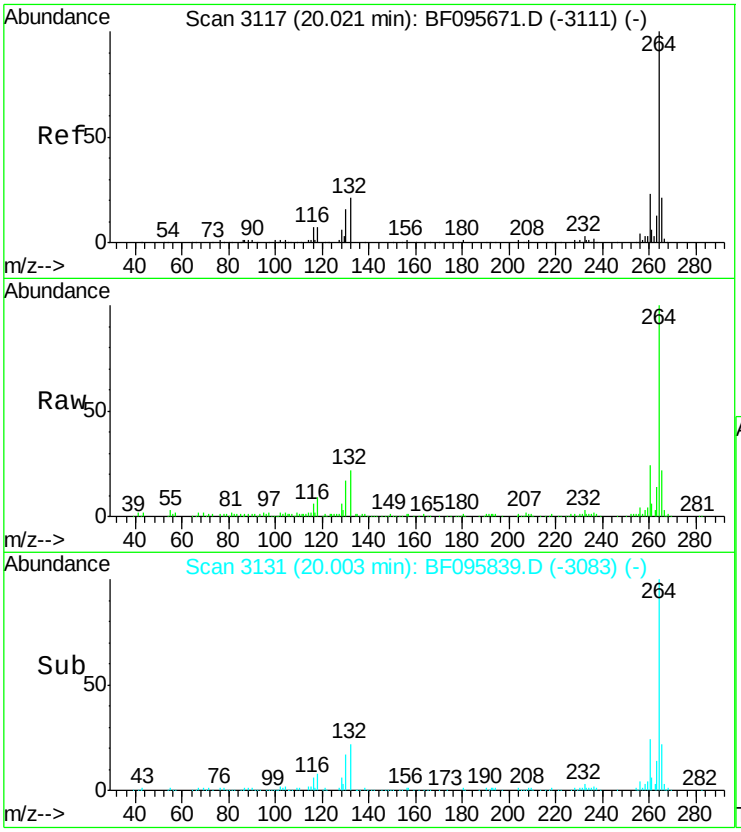


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.36 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:276 Resp: 36950

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	27.6	20.2	30.4



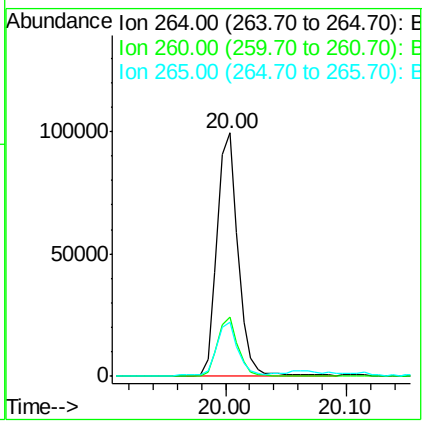


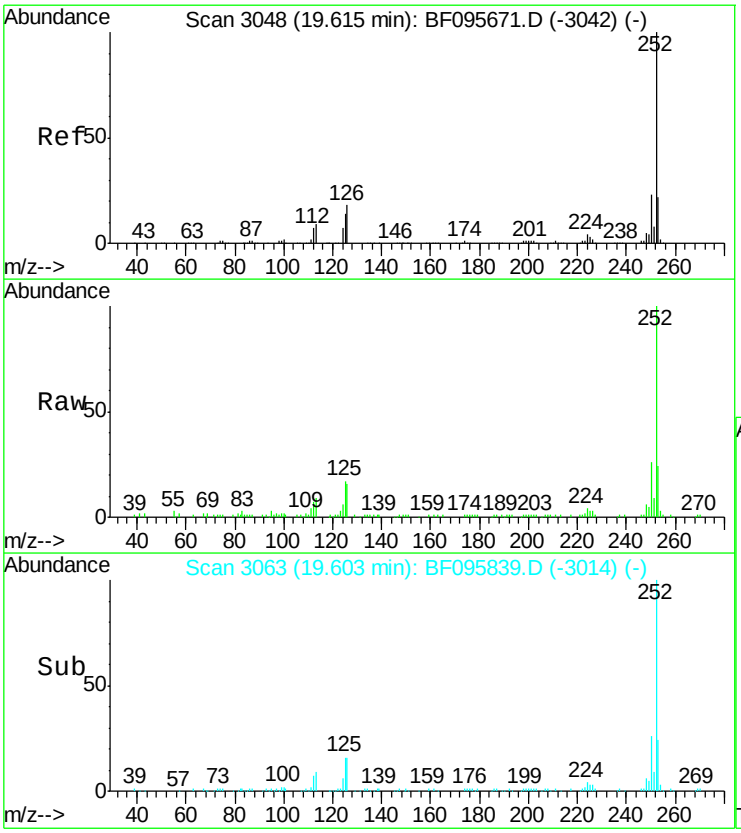
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:264 Resp: 119990

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	17.2	25.8

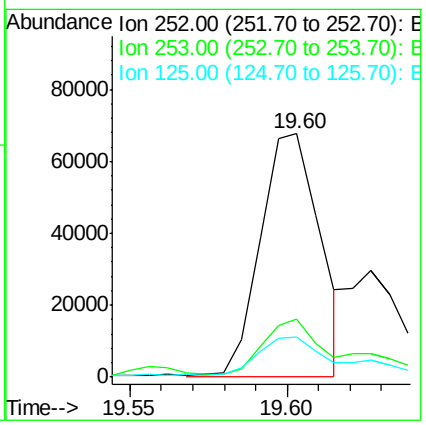


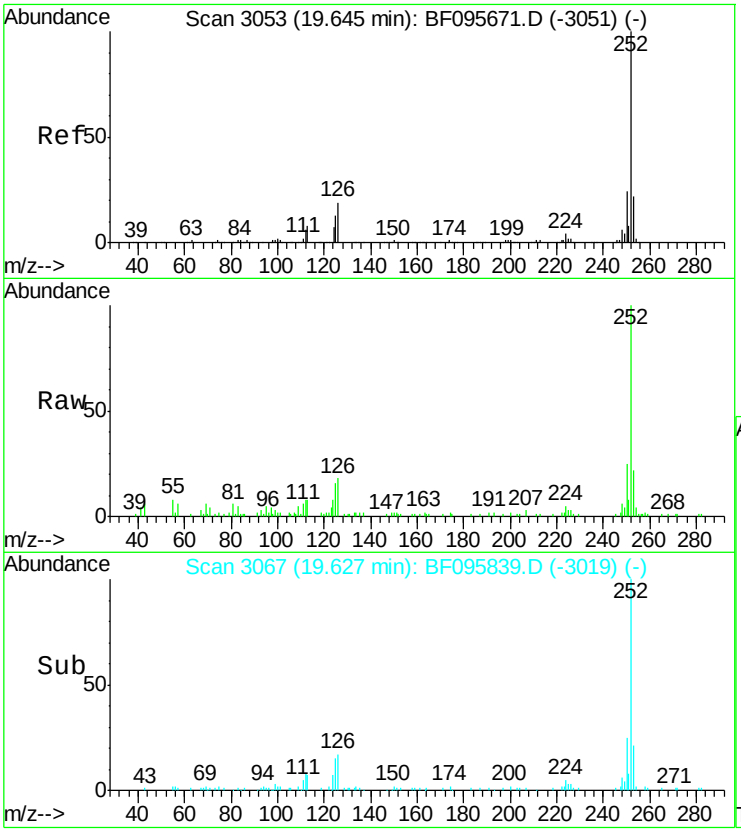


#87
Benzo(b)fluoranthene
Concen: 11.95 ng m
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:252 Resp: 89768

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	16.6	9.8	14.8#



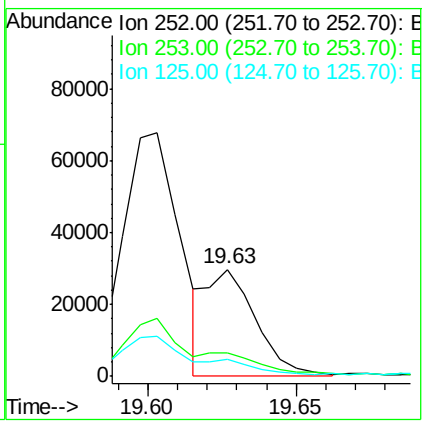


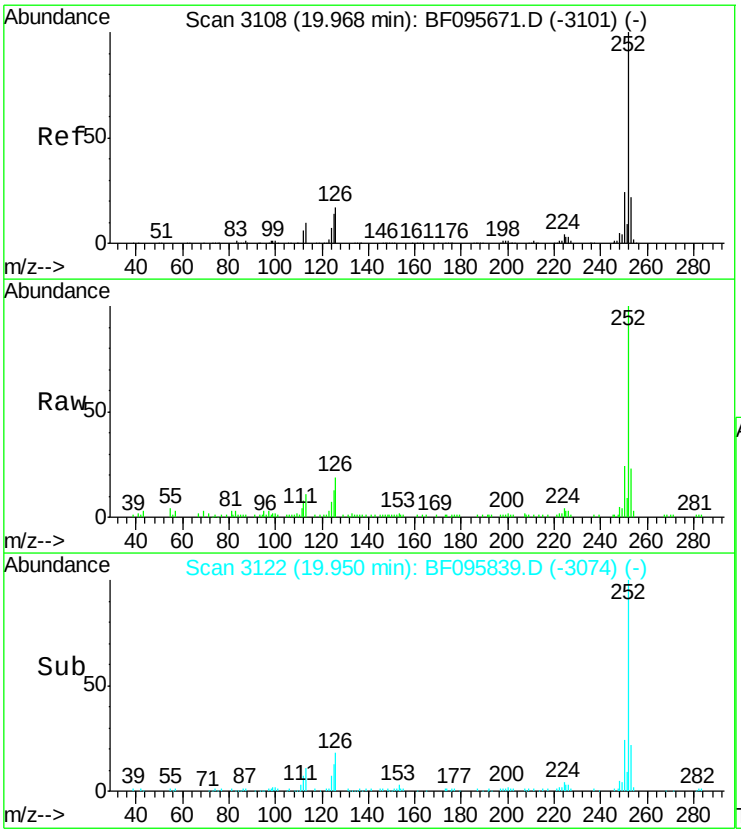
#88
Benzo(k)fluoranthene
Concen: 4.84 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:252 Resp: 34775

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	16.3	13.1	19.7

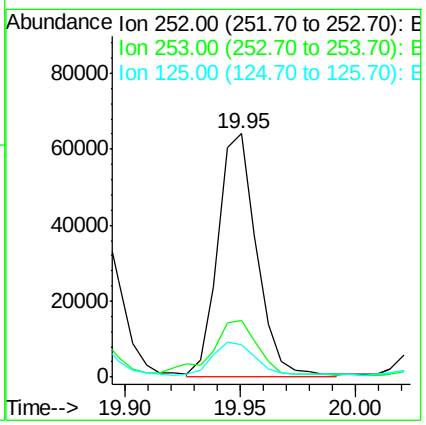


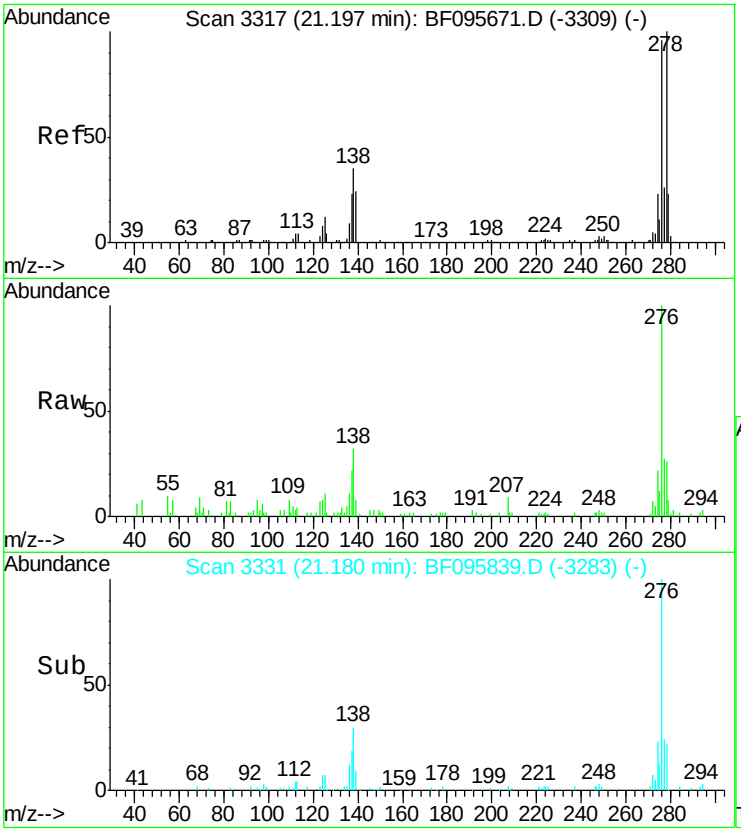


#89
Benzo(a)pyrene
Concen: 10.88 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:252 Resp: 75140

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.5	11.0	16.4



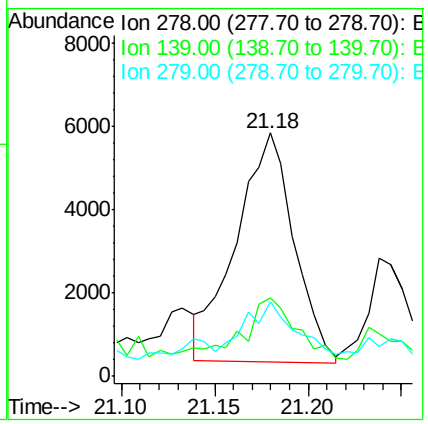


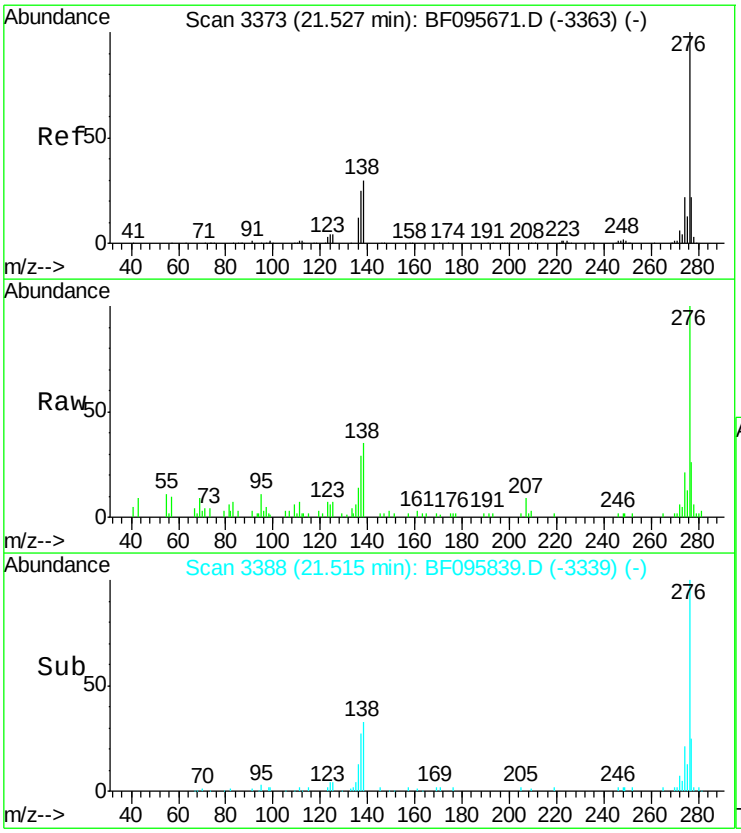
#90
Dibenzo(a,h)anthracene
Concen: 2.04 ng m
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
PIER-56-COMP

Tgt Ion:278 Resp: 11964

Ion	Ratio	Lower	Upper
278	100		
139	32.4	16.6	24.8#
279	30.7	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 6.79 ng
RT: 21.51 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BF095839.D
Acq: 10 Jun 2017 00:43

Tgt Ion:276 Resp: 40569

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	35.0	25.4	38.0