Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097661.D
Acq On : 13 Aug 2017 7:52
Operator : SJ/JU
Sample : I4697-12DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-7BDL

Quant Time: Aug 14 05:27:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	125895	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	525759	20.00	ng		-0.01
38) Acenaphthene-d10	12.35	164	211117	20.00	ng		-0.02
63) Phenanthrene-d10	14.75	188	308525	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	209327	20.00	ng		-0.01
86) Perylene-d12	20.11	264	192616	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	48585	6.13	ng		0.08
7) Phenol-d6	7.12	99	84763	8.63	ng		0.06
23) Nitrobenzene-d5	8.45	82	47345	5.65	ng		0.02
41) 2,4,6-Tribromophenol	13.66	330	8822	5.50	ng		0.00
44) 2-Fluorobiphenyl	11.30	172	79195	5.66	ng		-0.02
78) Terphenyl-d14	17.10	244	42001	4.15	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	9.56	128	232280	8.82	ng		98
33) 4-Chloroaniline	9.56	127	28830	2.64	ng	#	33
37) 2-Methylnaphthalene	10.69	142	81624	4.93	ng		99
48) Acenaphthylene	12.13	152	70069	3.17	ng		100
50) 2,6-Dinitrotoluene	12.35	165	26641	7.93	ng	#	33
51) Acenaphthene	12.40	154	68984	5.21	ng		95
54) Dibenzofuran	12.70	168	147499	7.95	ng		97
55) 4-Nitrophenol	12.69	139	55709	33.25	ng	#	27
57) Fluorene	13.24	166	186607	12.23	ng		99
70) Phenanthrene	14.79	178	848072	47.73	ng		99
71) Anthracene	14.87	178	229097	12.60	ng		98
72) Carbazole	15.17	167	67454	3.90	ng		95
74) Fluoranthene	16.55	202	536478	33.41	ng		97
77) Pyrene	16.86	202	427971	24.72	ng		99
80) Benzo(a)anthracene	18.43	228	188899	15.45	ng		94
82) Chrysene	18.48	228	161998	13.32	ng		99
85) Indeno(1,2,3-cd)pyrene	21.34	276	57116	6.04	ng		99
87) Benzo(b)fluoranthene	19.72	252	232157	20.07	ng	#	94
88) Benzo(k)fluoranthene	19.72	252	232157	19.93	ng		98
89) Benzo(a)pyrene	20.06	252	139102	13.10	ng		98
90) Dibenzo(a,h)anthracene	21.34	278	17010	2.24	ng	#	77
91) Benzo(g,h,i)perylene	21.69	276	51589	6.19	ng	#	91

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

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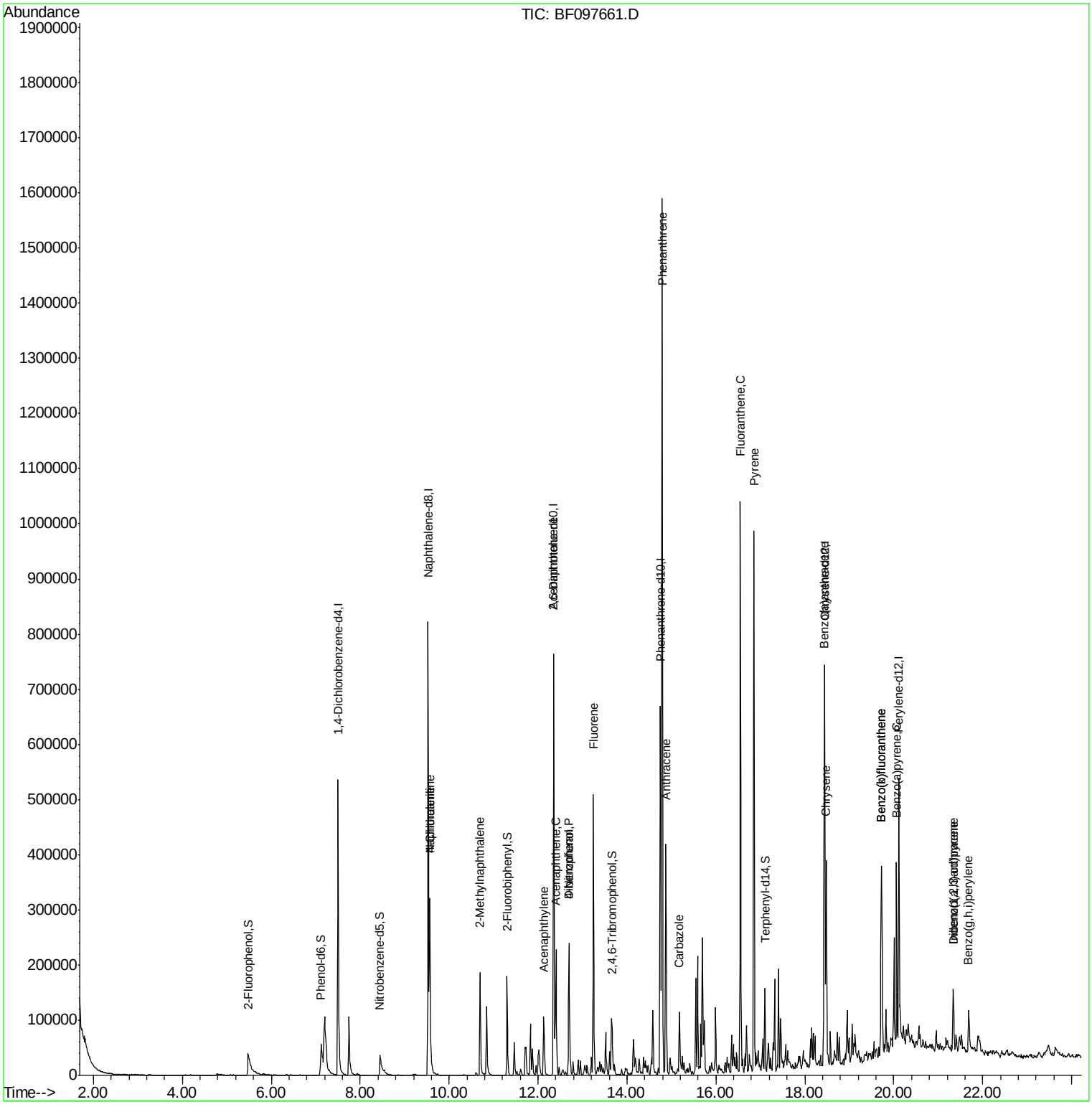
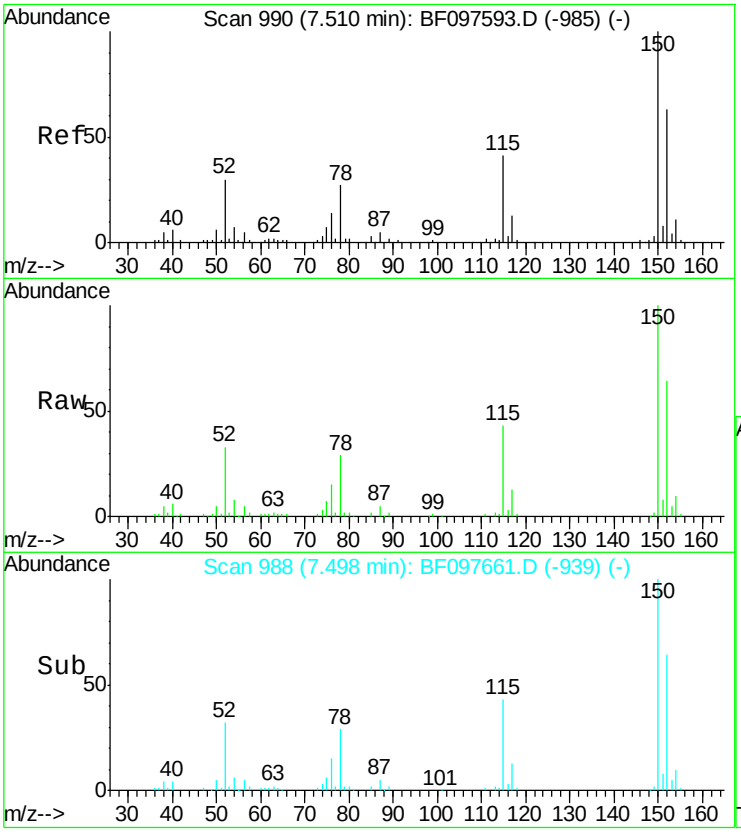


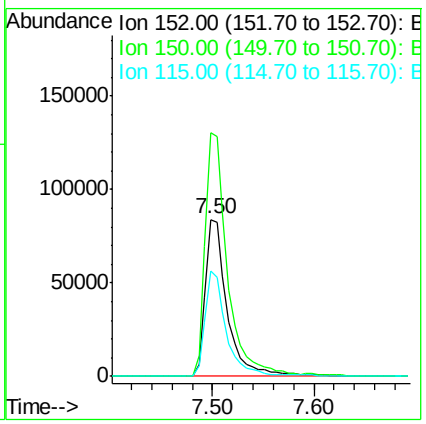


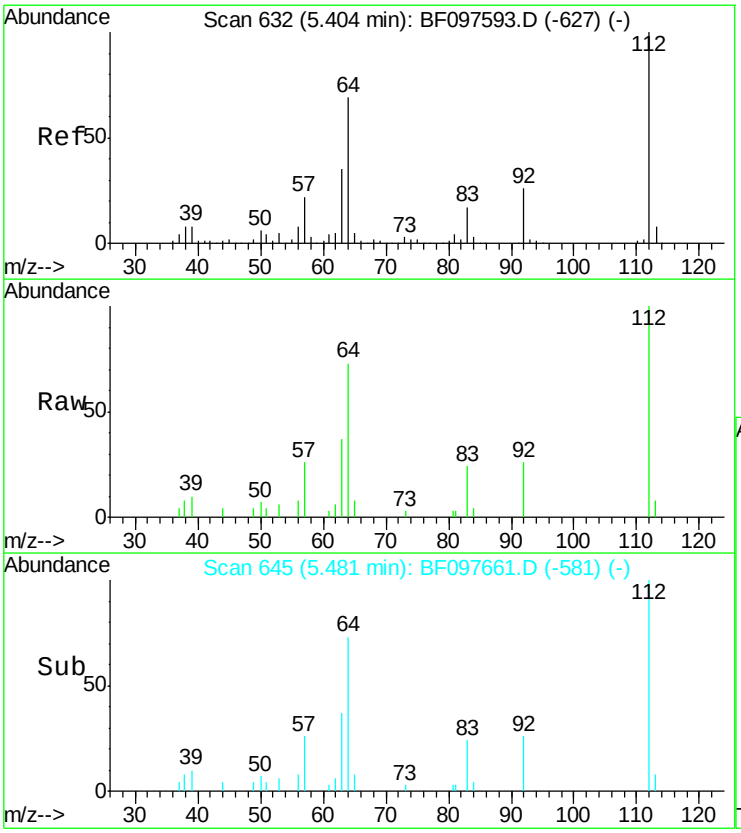
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:152 Resp: 125895

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	67.0	52.2	78.2

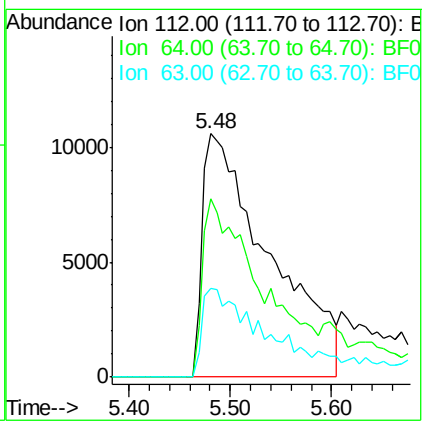


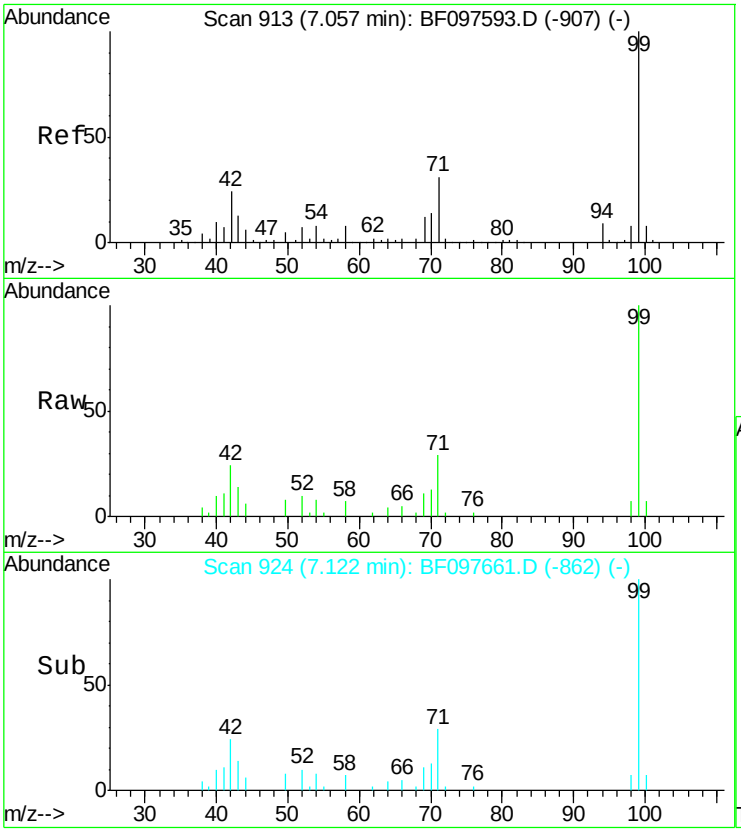


#5
2-Fluorophenol
Concen: 6.13 ng
RT: 5.48 min Scan# 645
Delta R.T. 0.08 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:112 Resp: 48585

Ion	Ratio	Lower	Upper
112	100		
64	73.2	46.0	69.0#
63	36.6	23.4	35.0#



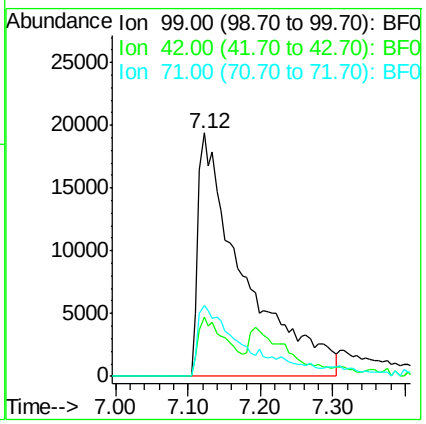


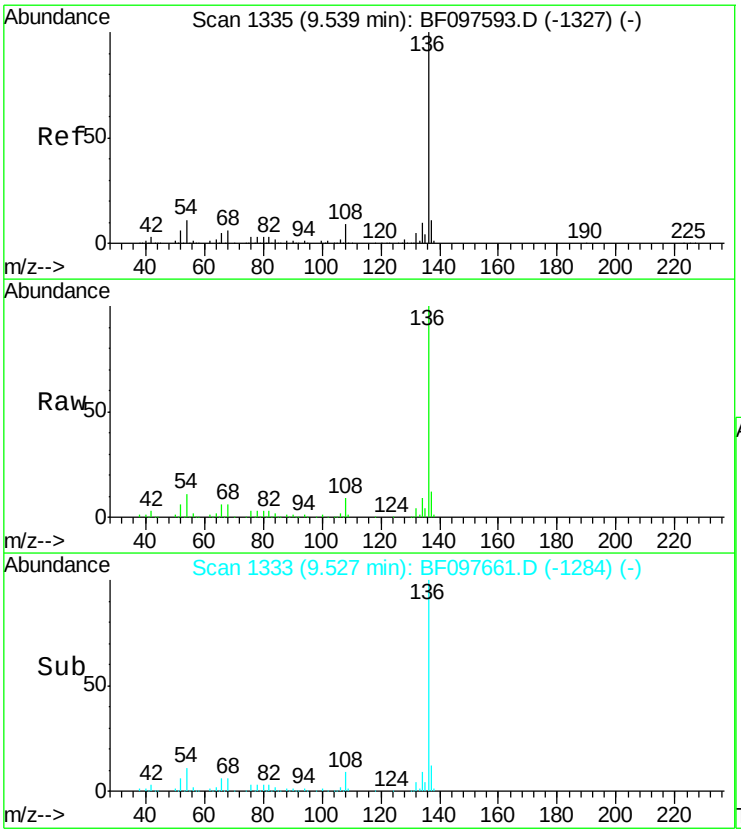
#7
Phenol-d6
Concen: 8.63 ng
RT: 7.12 min Scan# 924
Delta R.T. 0.06 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion: 99 Resp: 84763

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	29.1	24.5	36.7

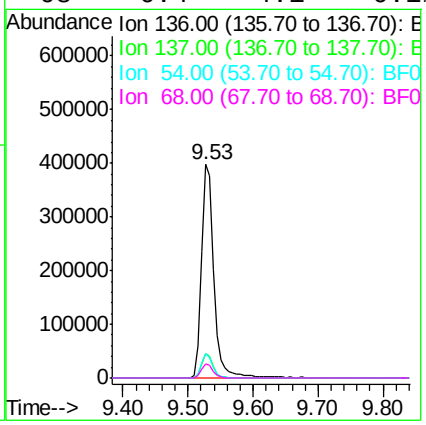


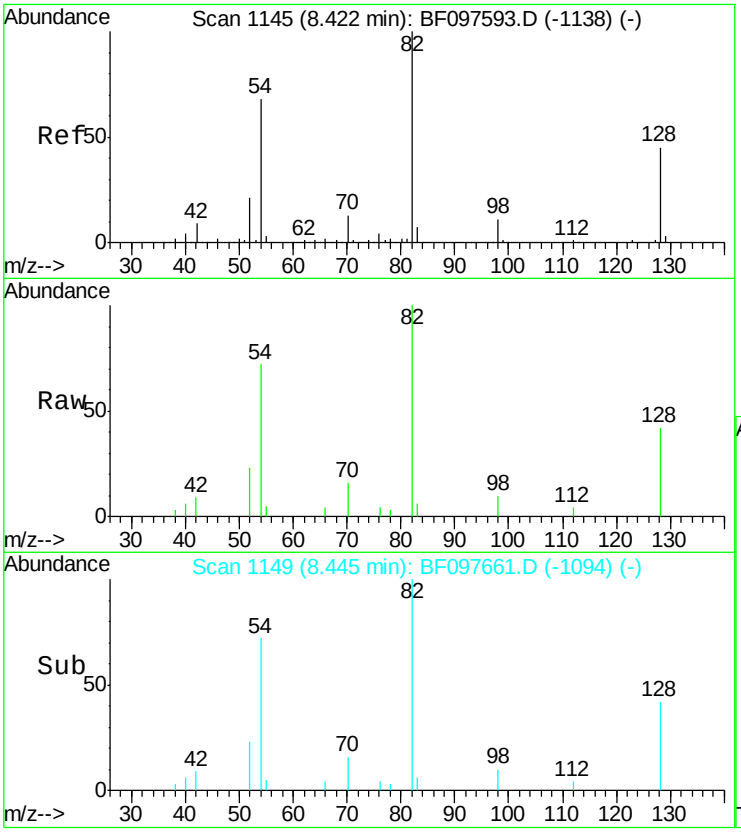


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:136 Resp: 525759

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	11.4	4.9	7.3#
68	6.4	4.1	6.1#



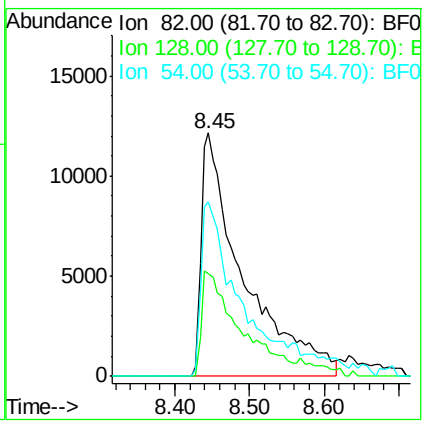


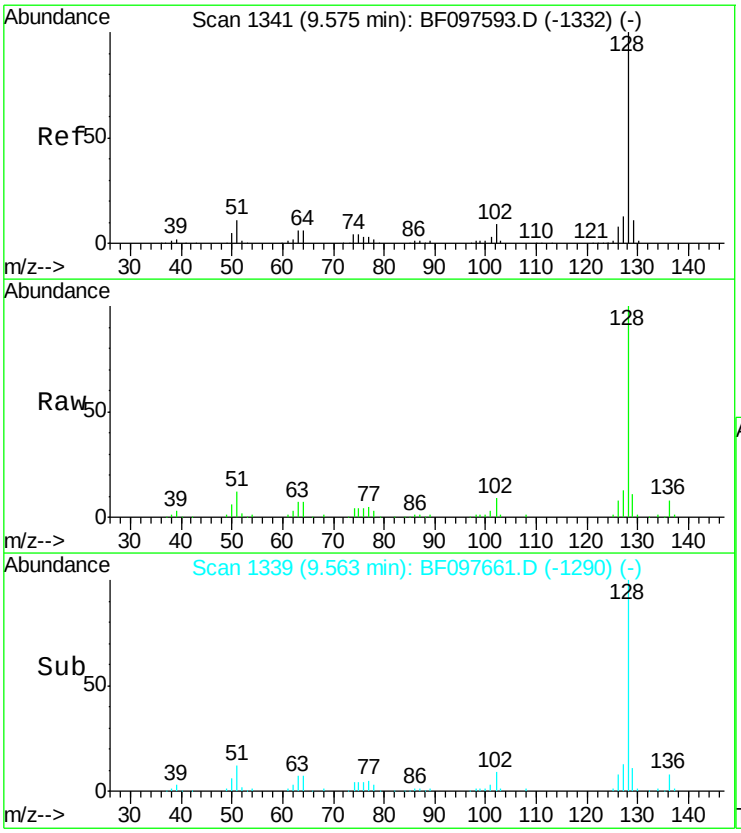
#23
Nitrobenzene-d5
Concen: 5.65 ng
RT: 8.45 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion: 82 Resp: 47345

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	71.9	42.2	63.2#

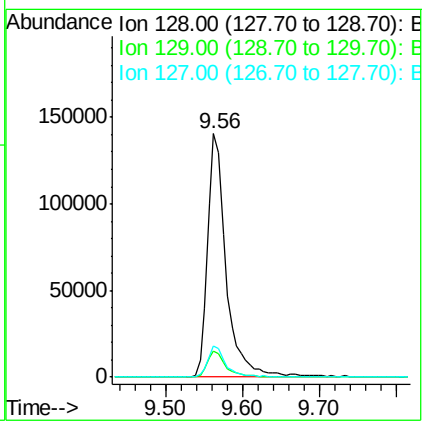


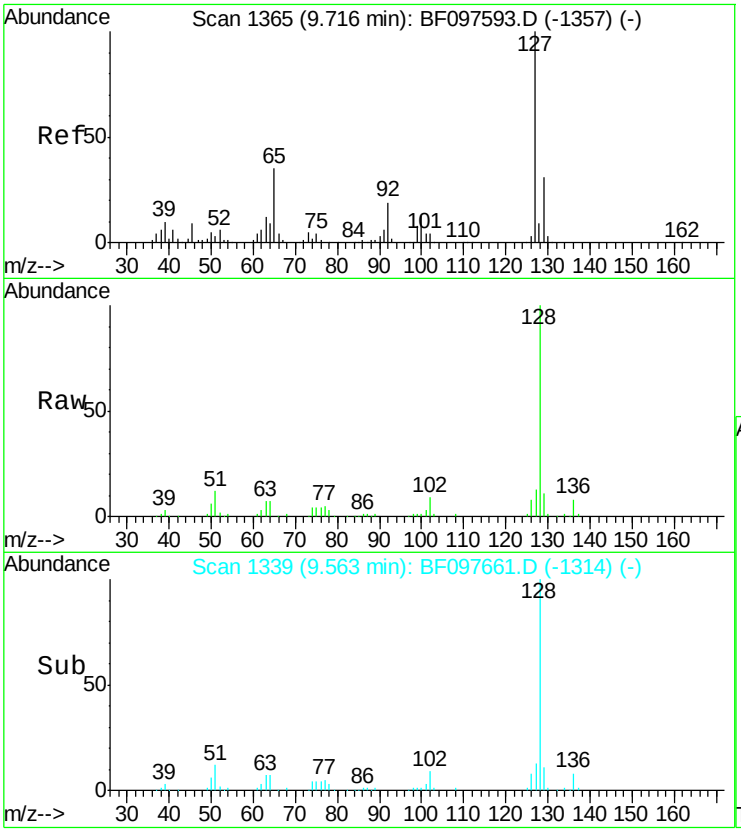


#31
Naphthalene
Concen: 8.82 ng
RT: 9.56 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:128 Resp: 232280

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.8	10.8	16.2



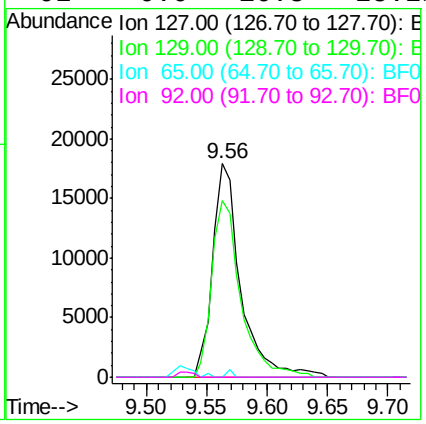


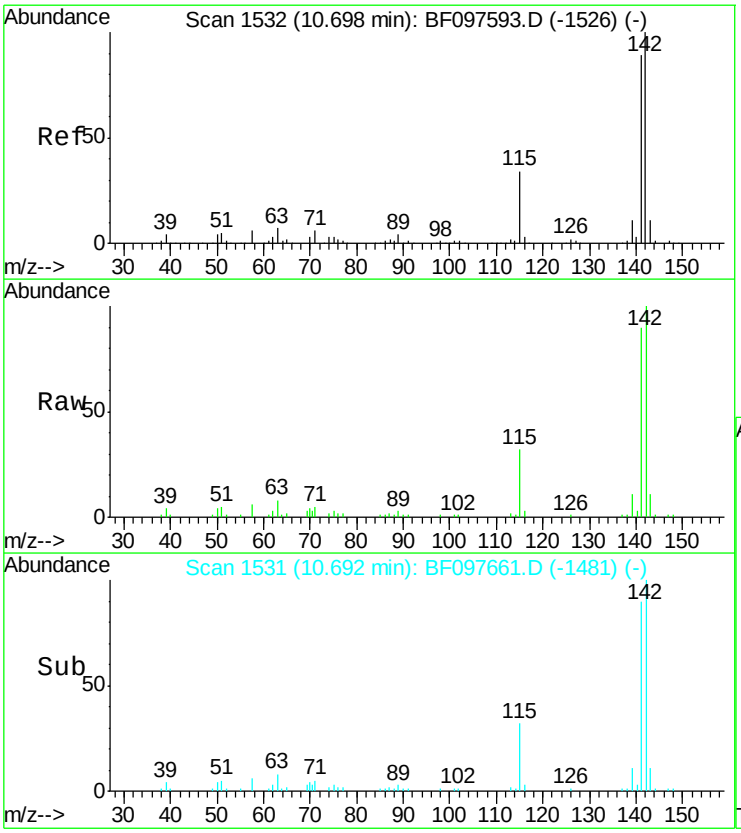
#33
4-Chloroaniline
Concen: 2.64 ng
RT: 9.56 min Scan# 1339
Delta R.T. -0.15 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:127 Resp: 28830

Ion	Ratio	Lower	Upper
127	100		
129	83.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

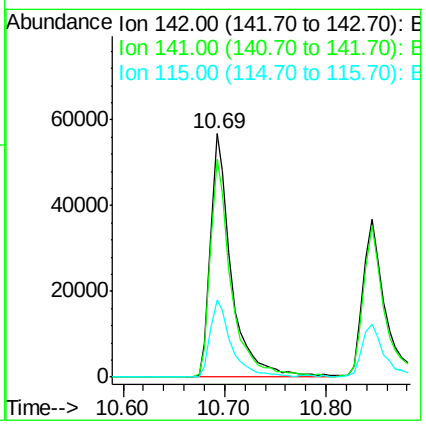


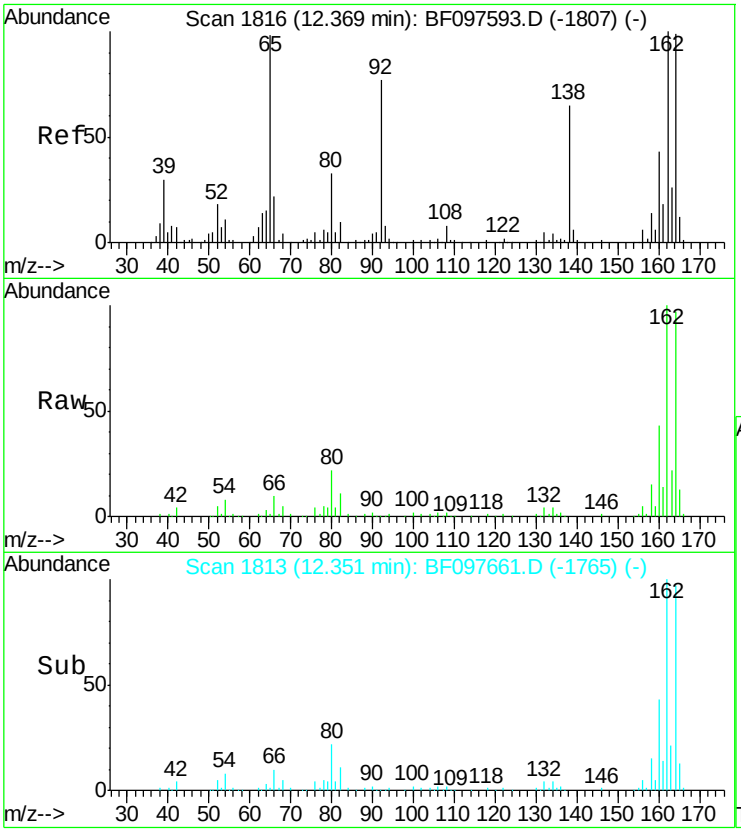


#37
2-Methylnaphthalene
Concen: 4.93 ng
RT: 10.69 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:142 Resp: 81624

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.8	27.1	40.7



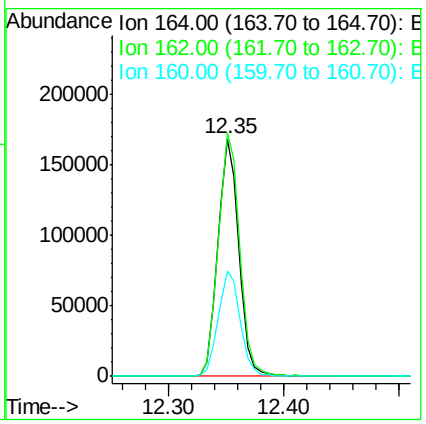


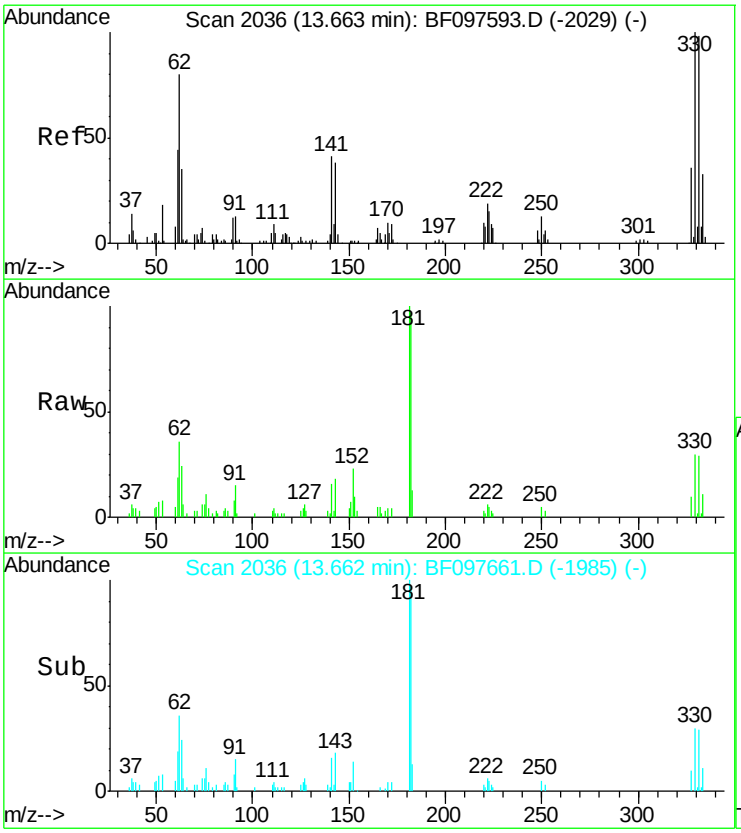
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:164 Resp: 211117

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.3	36.2	54.2

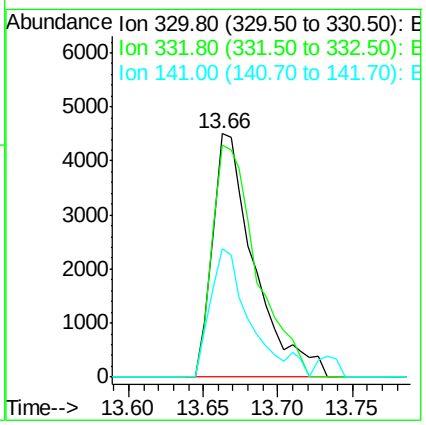


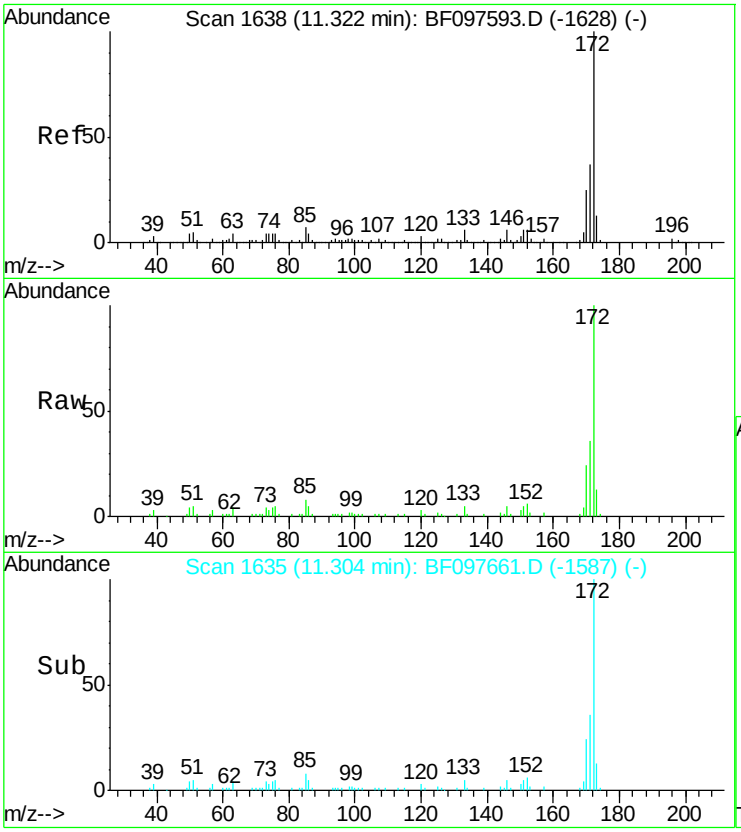


#41
2,4,6-Tribromophenol
Concen: 5.50 ng
RT: 13.66 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:330 Resp: 8822

Ion	Ratio	Lower	Upper
330	100		
332	101.0	76.6	115.0
141	50.4	31.4	47.2#



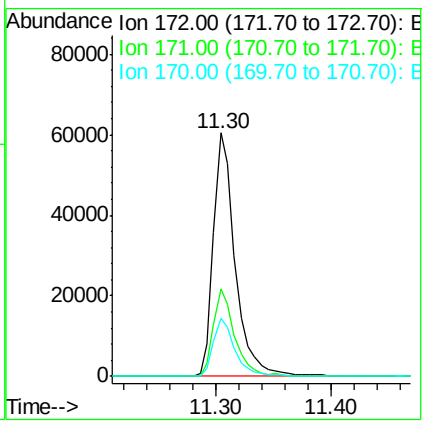


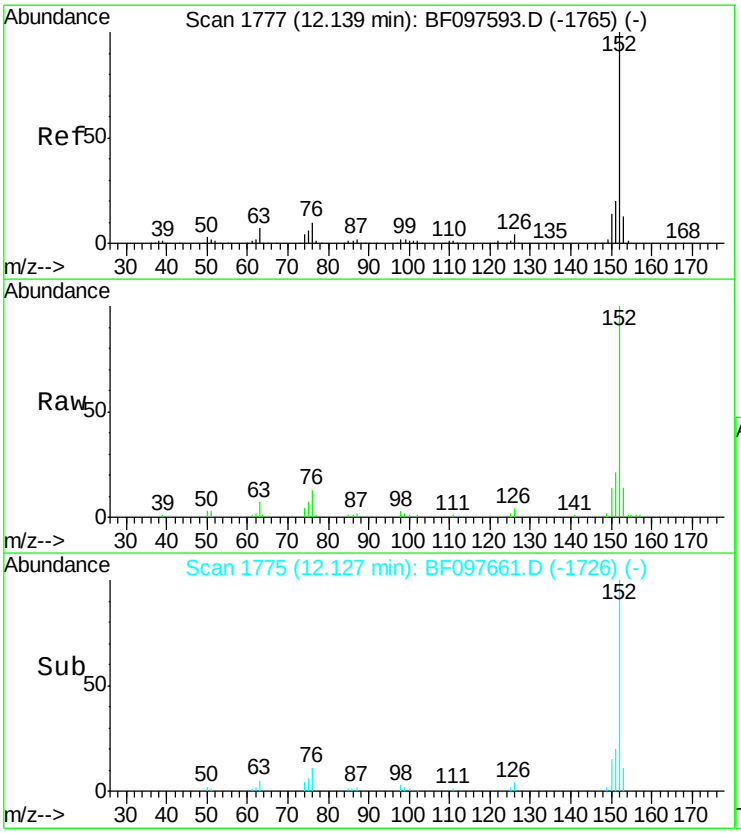
#44
2-Fluorobiphenyl
Concen: 5.66 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:172 Resp: 79195

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8

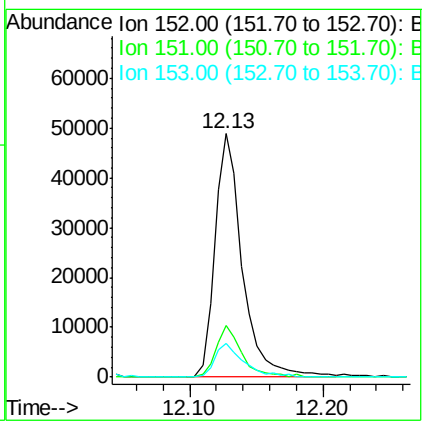


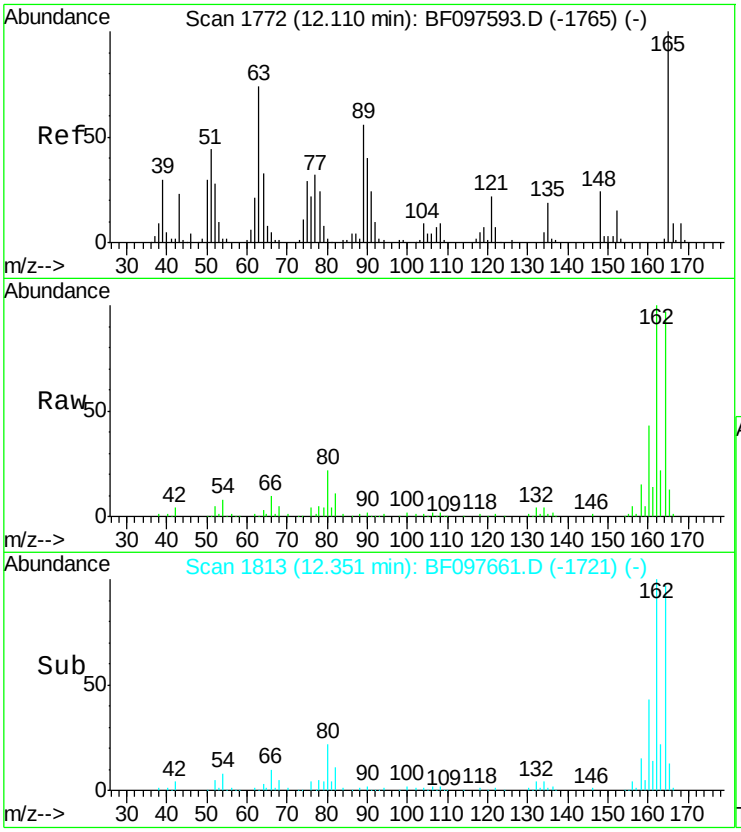


#48
Acenaphthylene
Concen: 3.17 ng
RT: 12.13 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:152 Resp: 70069

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.6	10.8	16.2



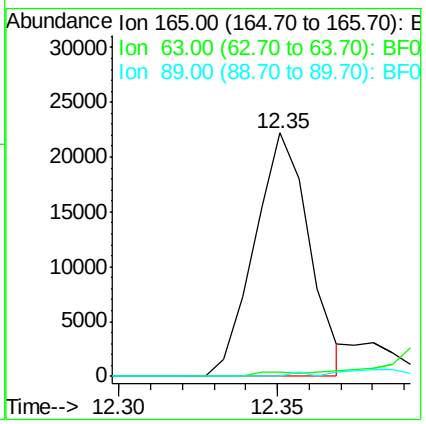


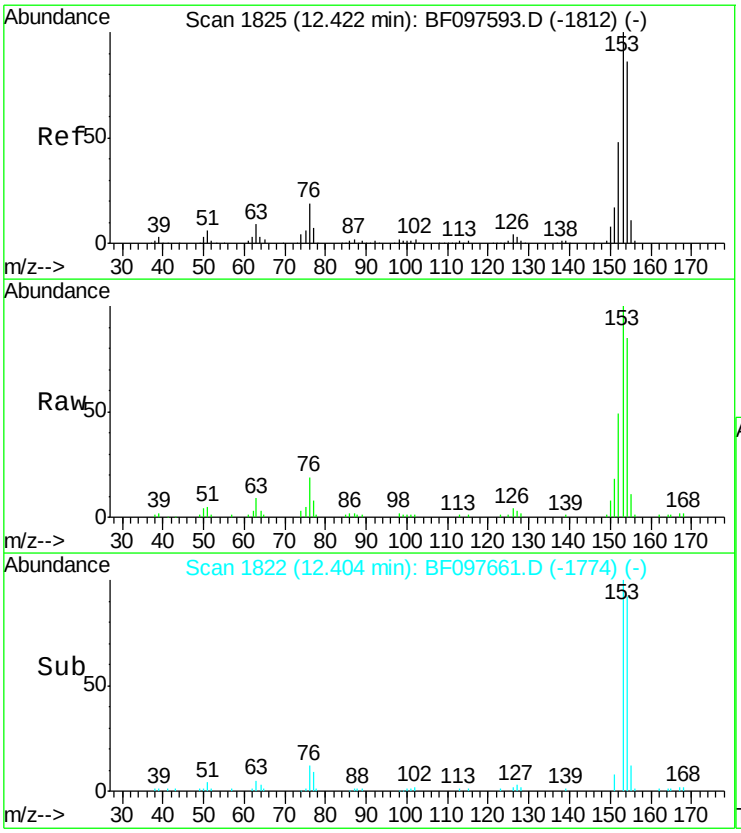
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 12.35 min Scan# 1813
Delta R.T. 0.24 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:165 Resp: 26641

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	0.0	37.1	55.7#

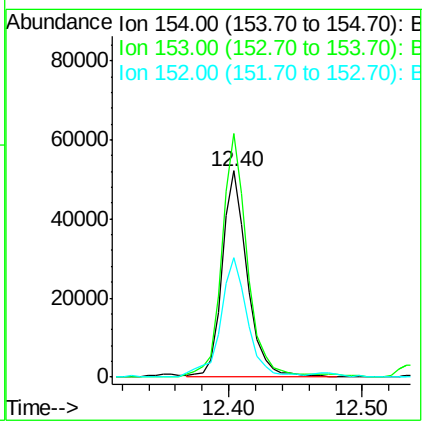


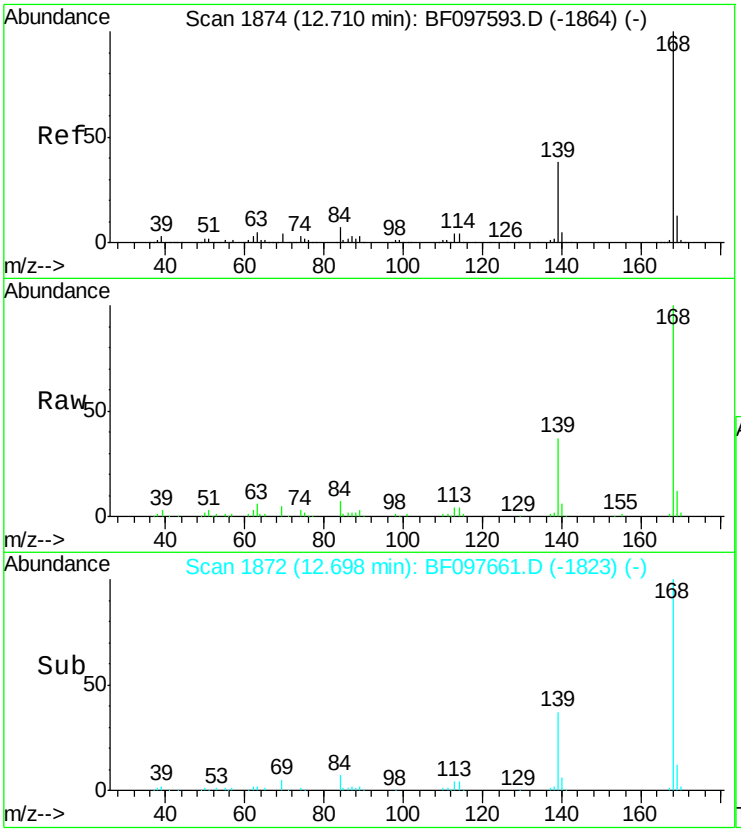


#51
Acenaphthene
Concen: 5.21 ng
RT: 12.40 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:154 Resp: 68984

Ion	Ratio	Lower	Upper
154	100		
153	118.1	90.5	135.7
152	58.0	43.6	65.4



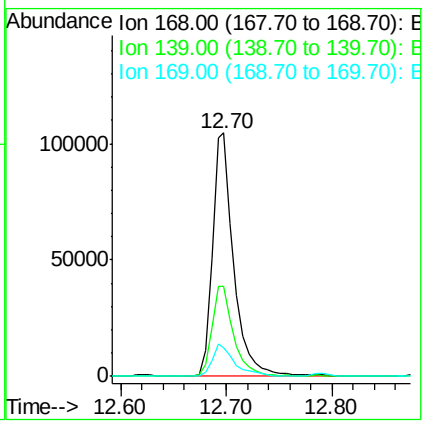


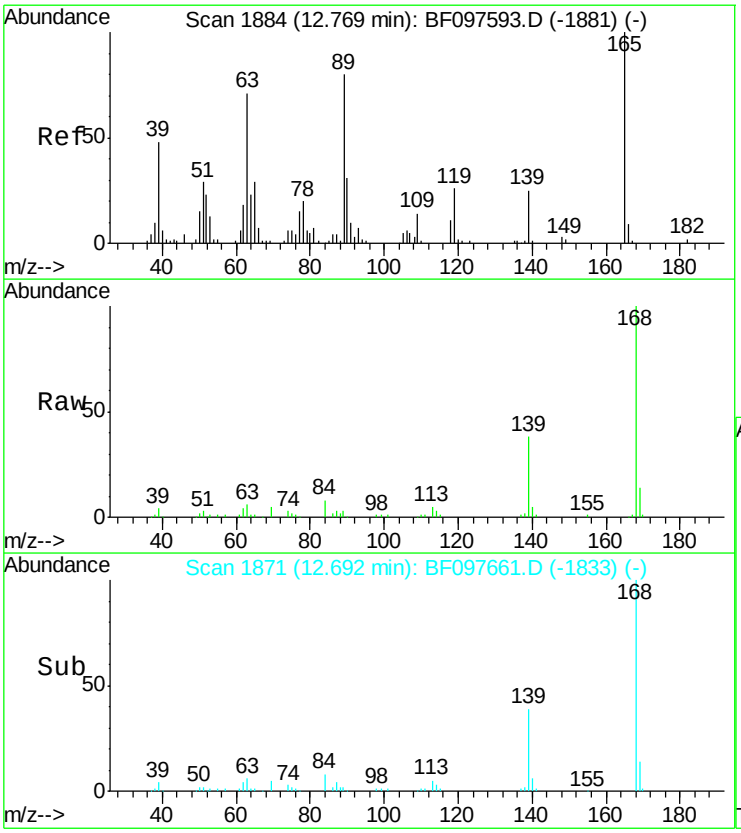
#54
Dibenzofuran
Concen: 7.95 ng
RT: 12.70 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:168 Resp: 147499

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	45.8
169	11.7	10.8	16.2

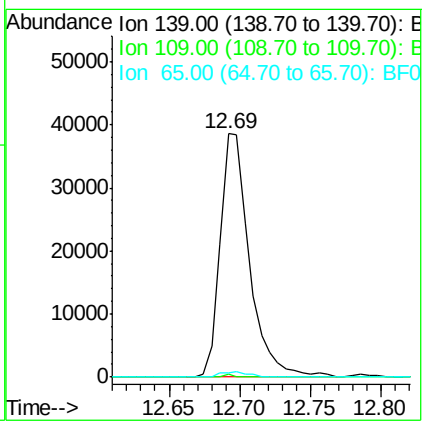


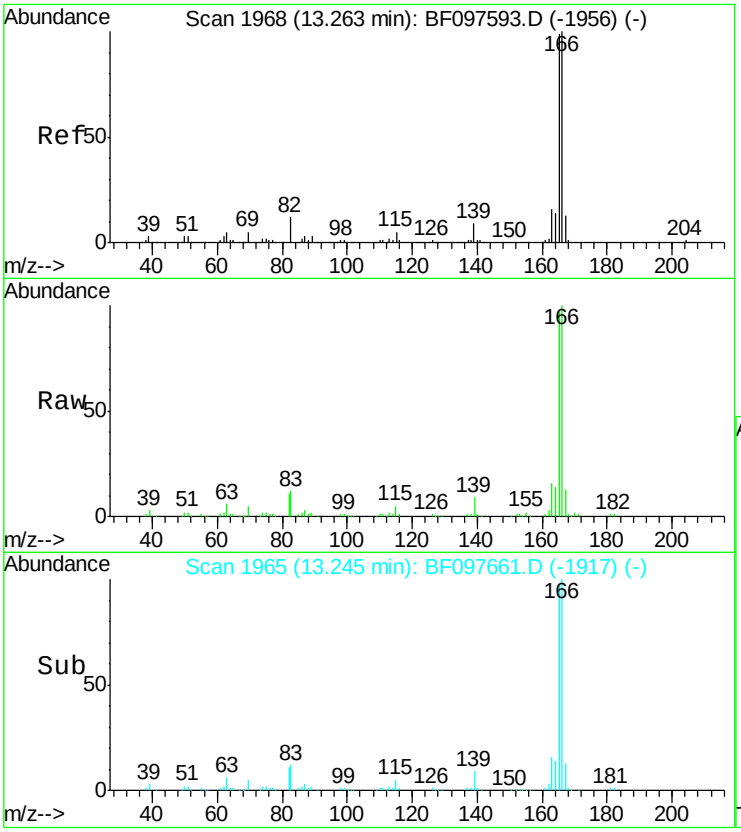


#55
4-Nitrophenol
Concen: 33.25 ng
RT: 12.69 min Scan# 1871
Delta R.T. -0.08 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:139 Resp: 55709

Ion	Ratio	Lower	Upper
139	100		
109	1.0	34.1	74.1#
65	1.5	31.4	71.4#



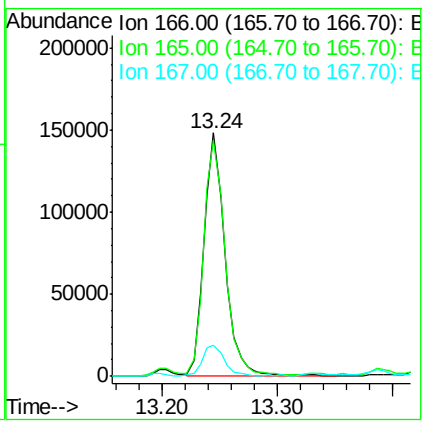


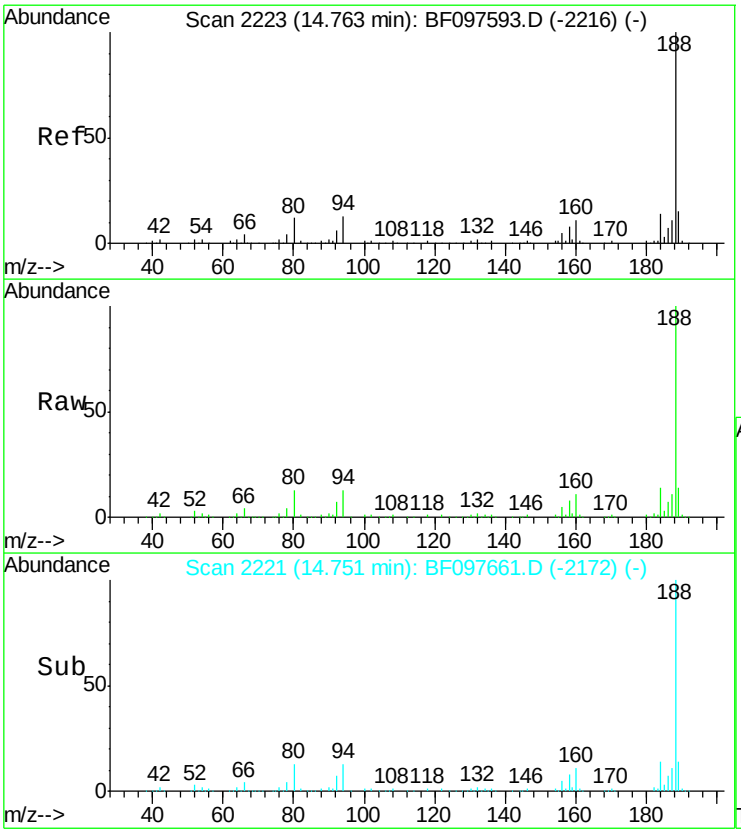
#57
Fluorene
Concen: 12.23 ng
RT: 13.24 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:166 Resp: 186607

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.0	10.6	16.0

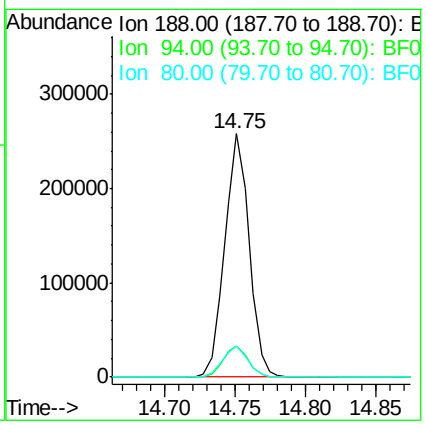


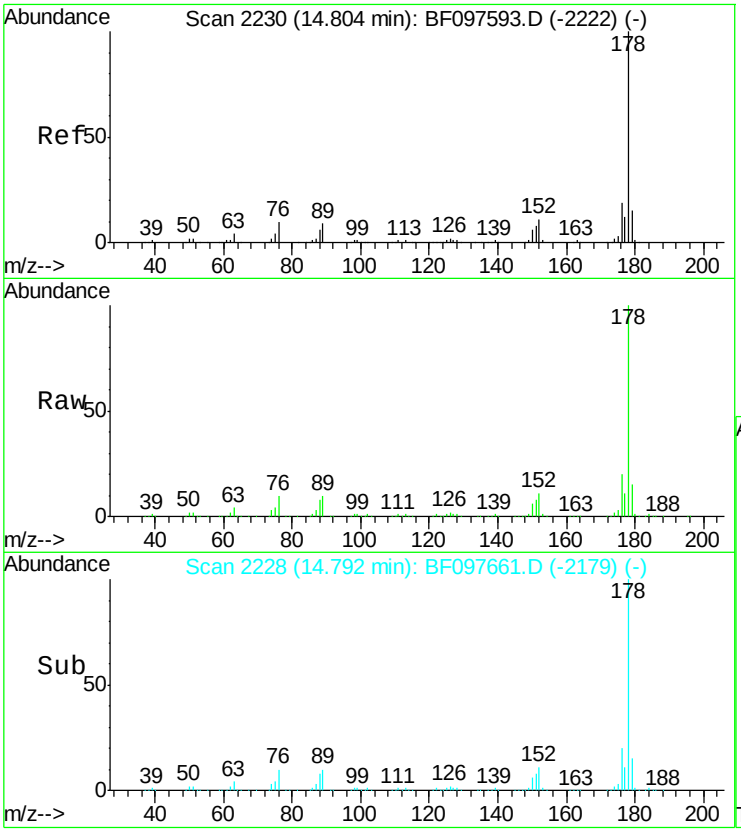


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:188 Resp: 308525

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	12.8	10.2	15.2



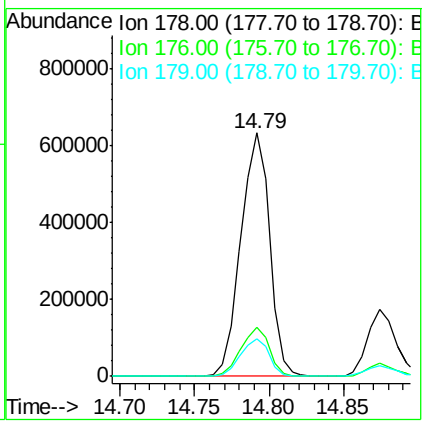


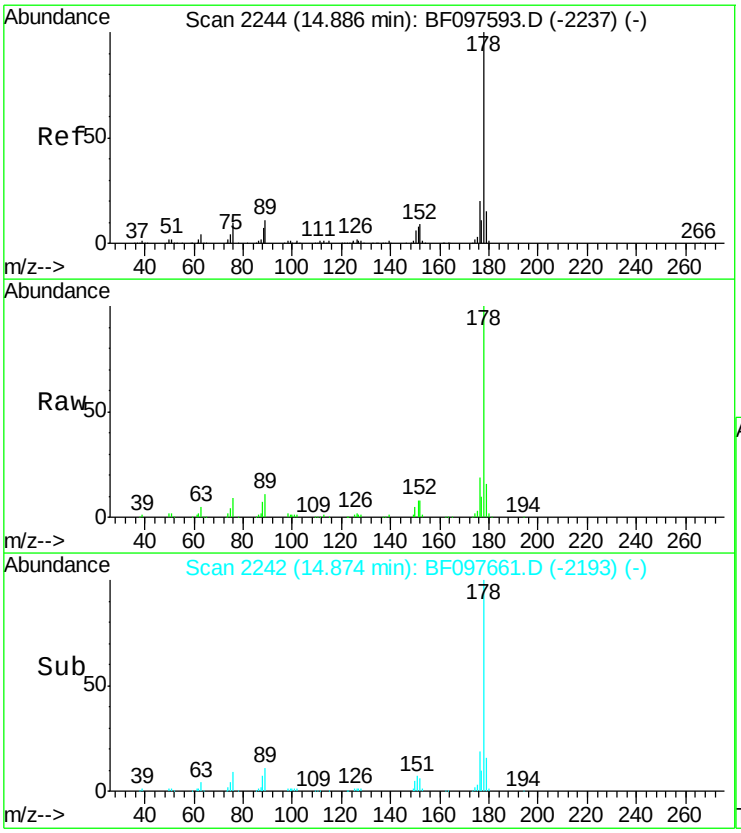
#70
Phenanthrene
Concen: 47.73 ng
RT: 14.79 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:178 Resp: 848072

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.4	12.6	19.0

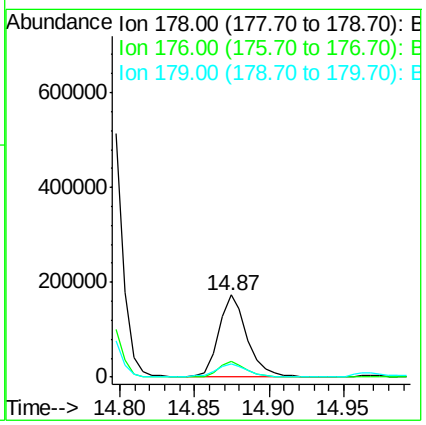


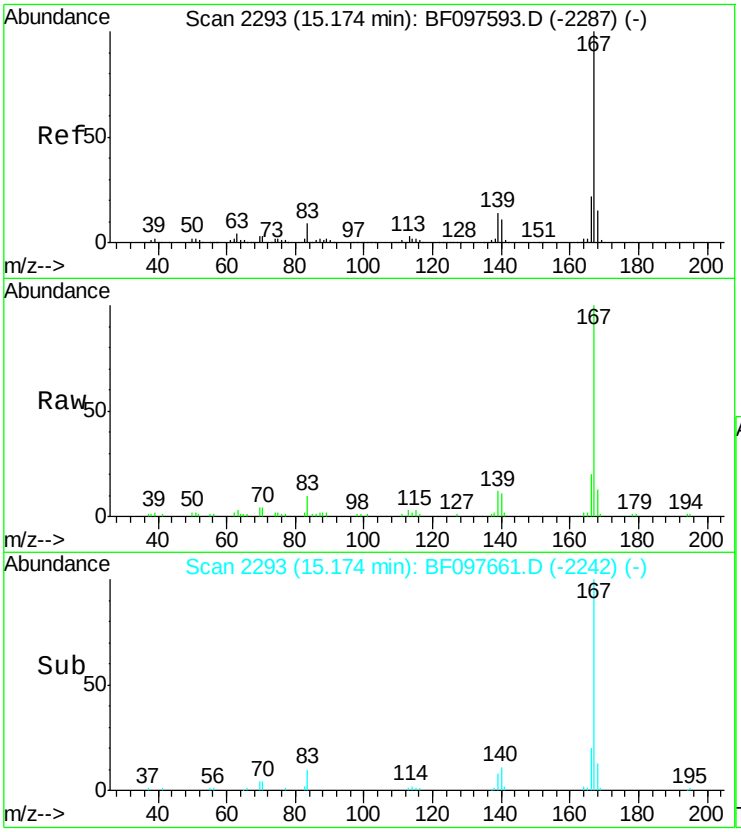


#71
Anthracene
Concen: 12.60 ng
RT: 14.87 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:178 Resp: 229097

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.4	12.7	19.1



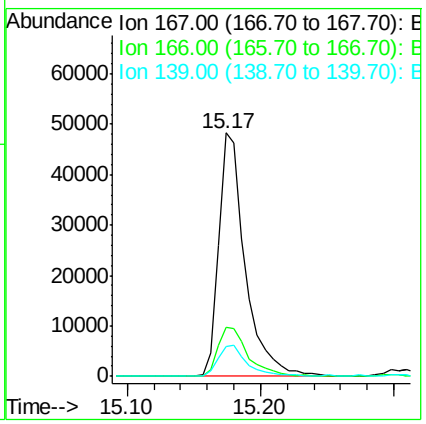


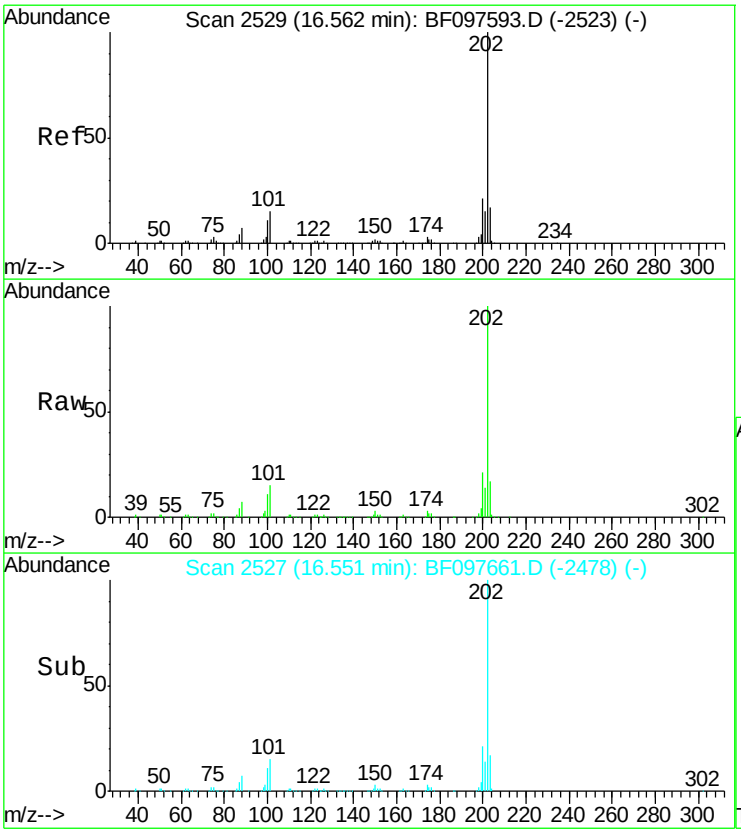
#72
Carbazole
Concen: 3.90 ng
RT: 15.17 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:167 Resp: 67454

Ion	Ratio	Lower	Upper
167	100		
166	20.4	18.1	27.1
139	12.1	11.7	17.5

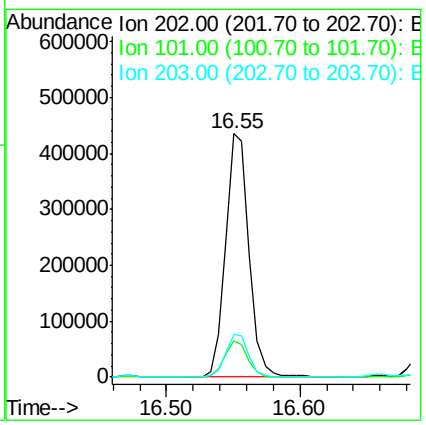


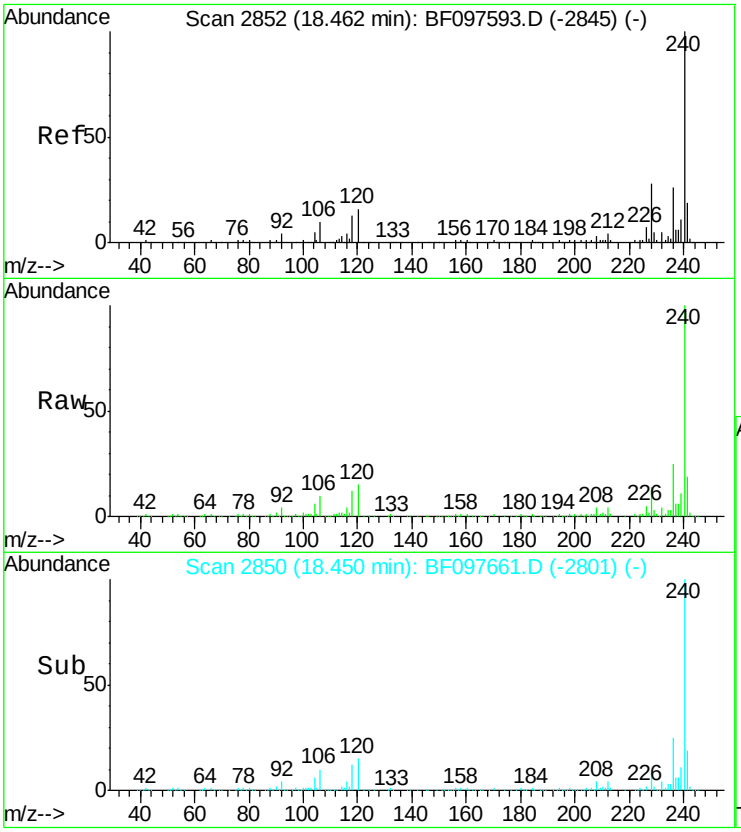


#74
Fluoranthene
Concen: 33.41 ng
RT: 16.55 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:202 Resp: 536478

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.2
203	17.4	0.0	38.1



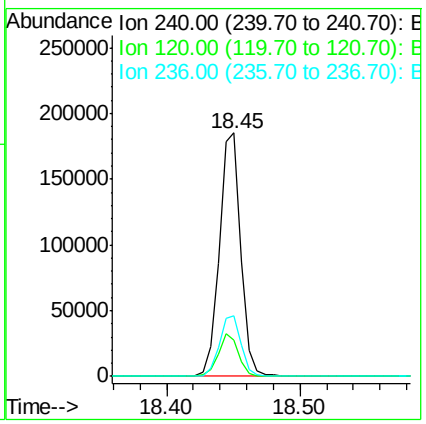


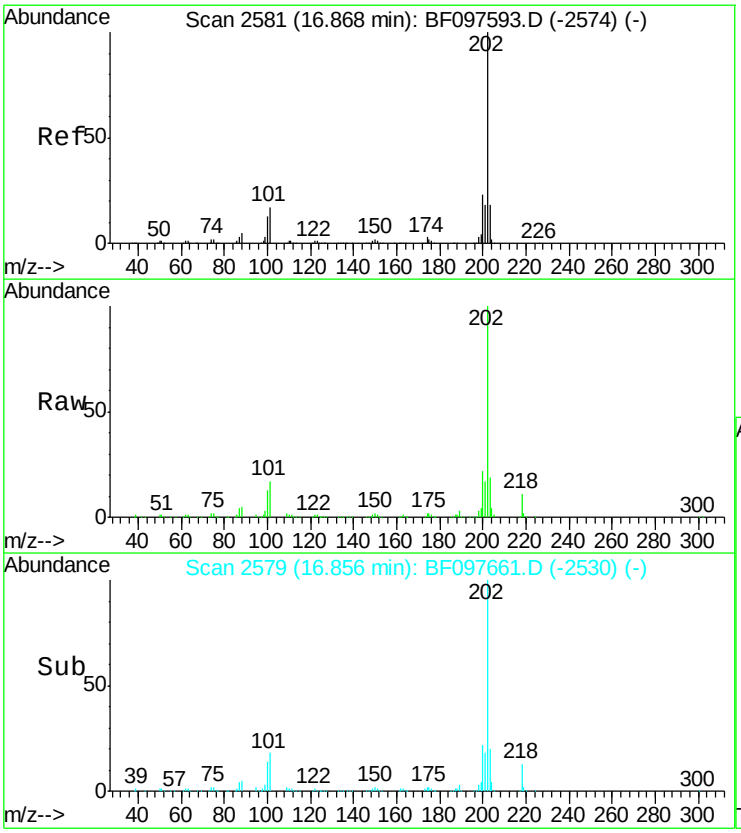
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:240 Resp: 209327

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.8	20.5	30.7

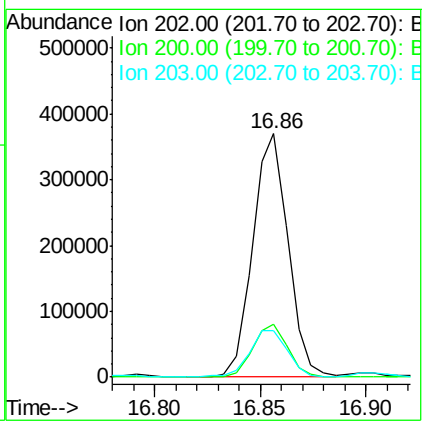


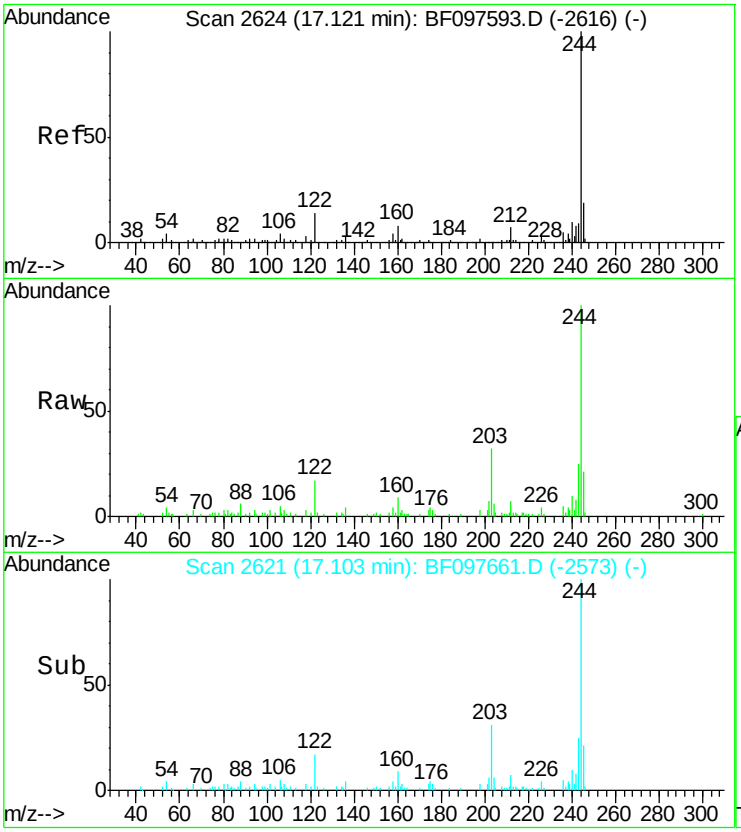


#77
Pyrene
Concen: 24.72 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:202 Resp: 427971

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.2	14.4	21.6



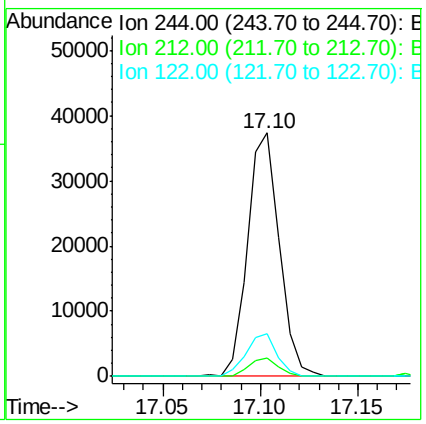


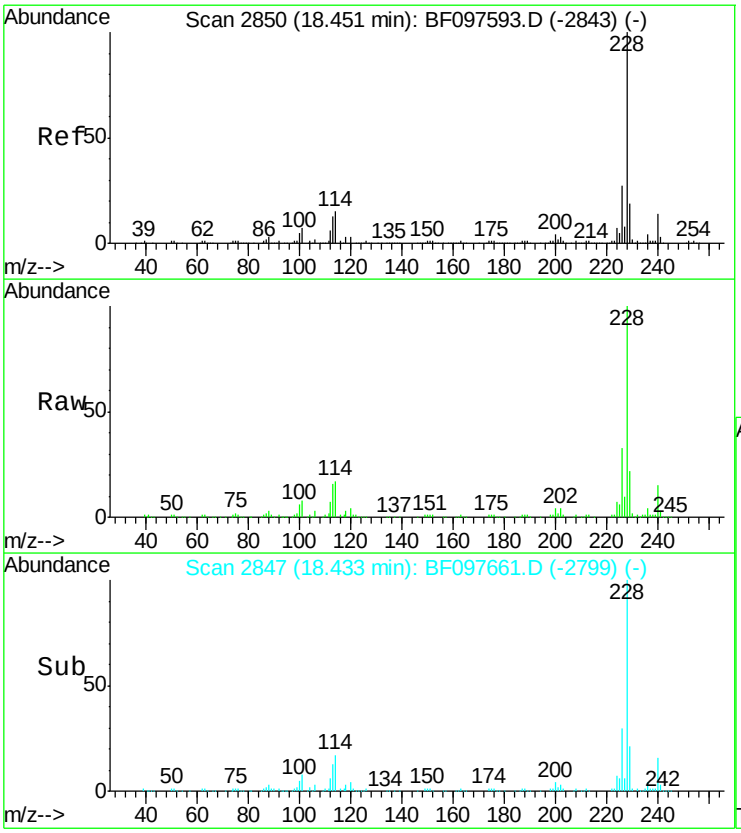
#78
Terphenyl-d14
Concen: 4.15 ng
RT: 17.10 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:244 Resp: 42001

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	17.4	10.3	15.5#

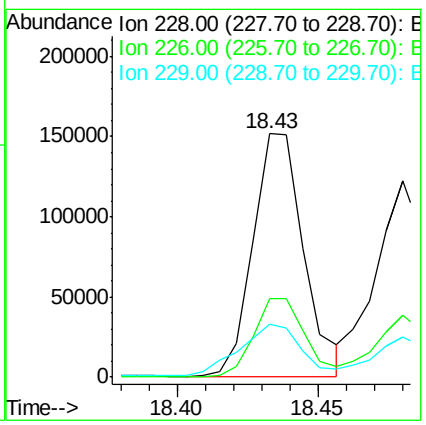


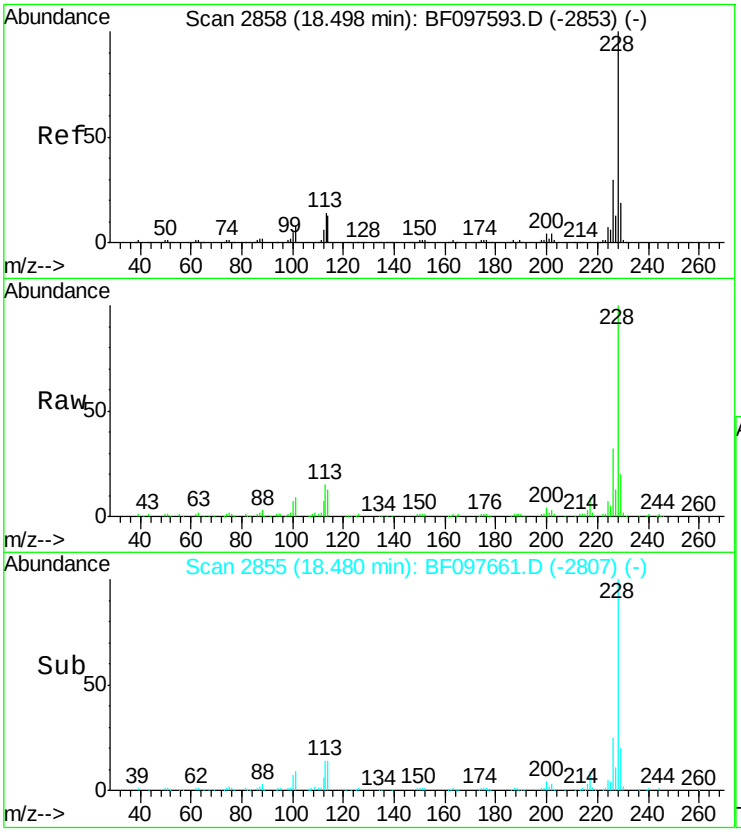


#80
Benzo(a)anthracene
Concen: 15.45 ng
RT: 18.43 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:228 Resp: 188899

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	21.7	16.3	24.5



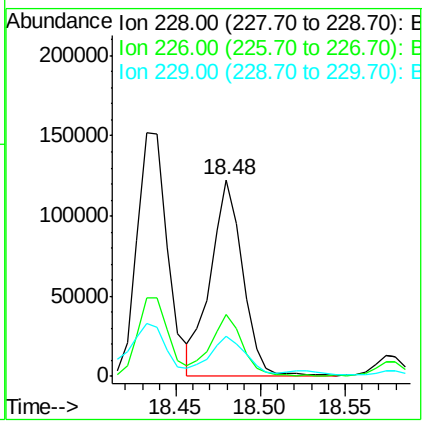


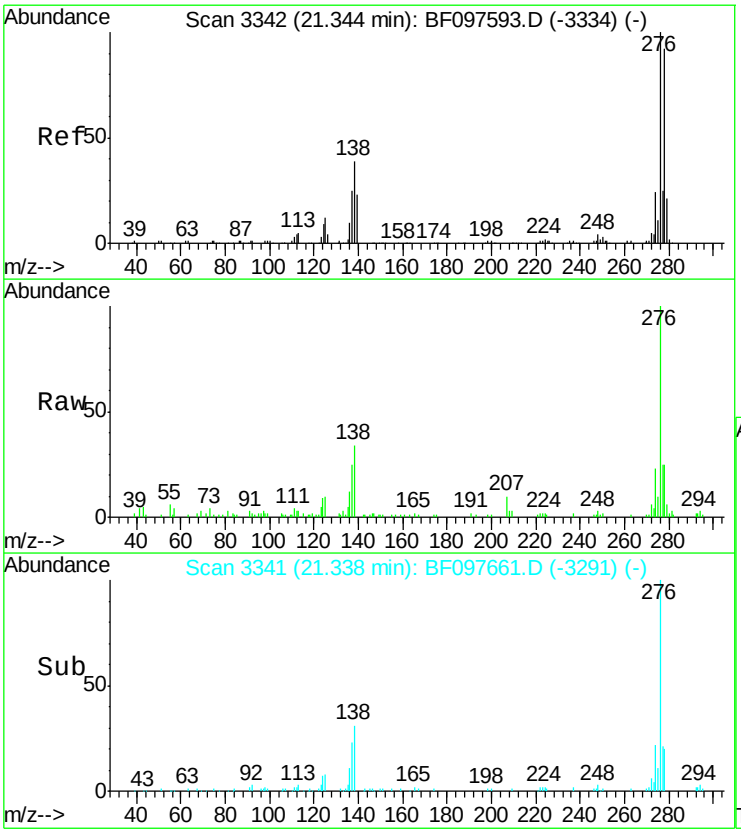
#82
Chrysene
Concen: 13.32 ng
RT: 18.48 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:228 Resp: 161998

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.2	15.8	23.6

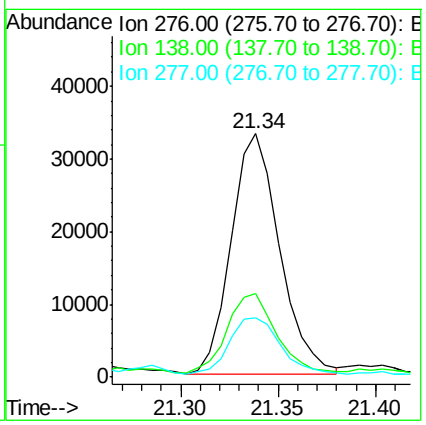


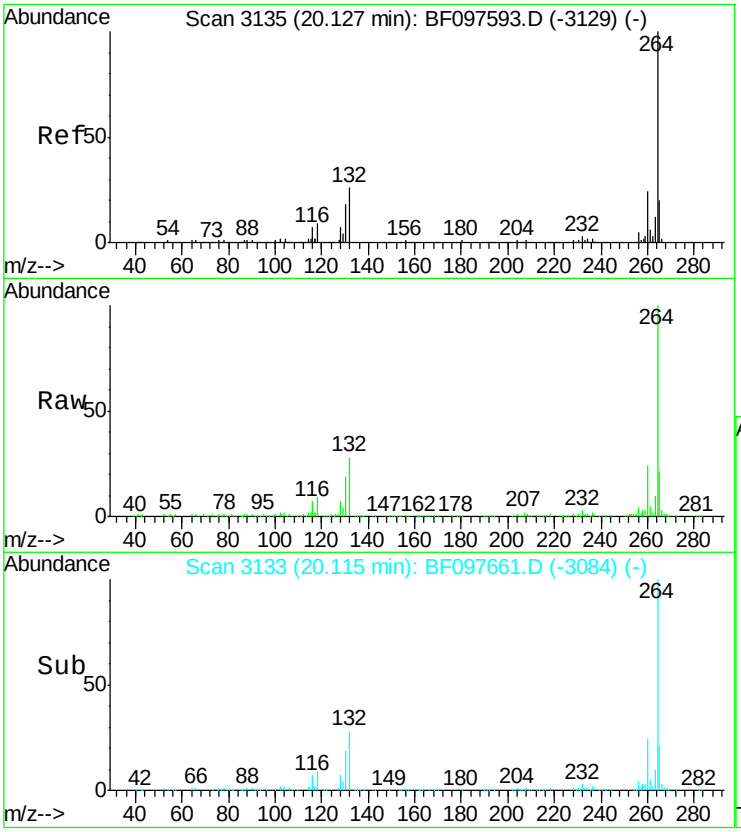


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.04 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:276 Resp: 57116

Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	24.9	20.2	30.4



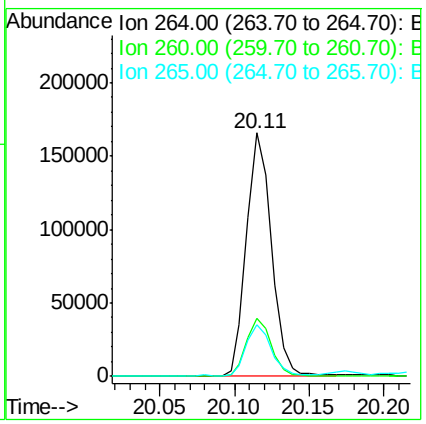


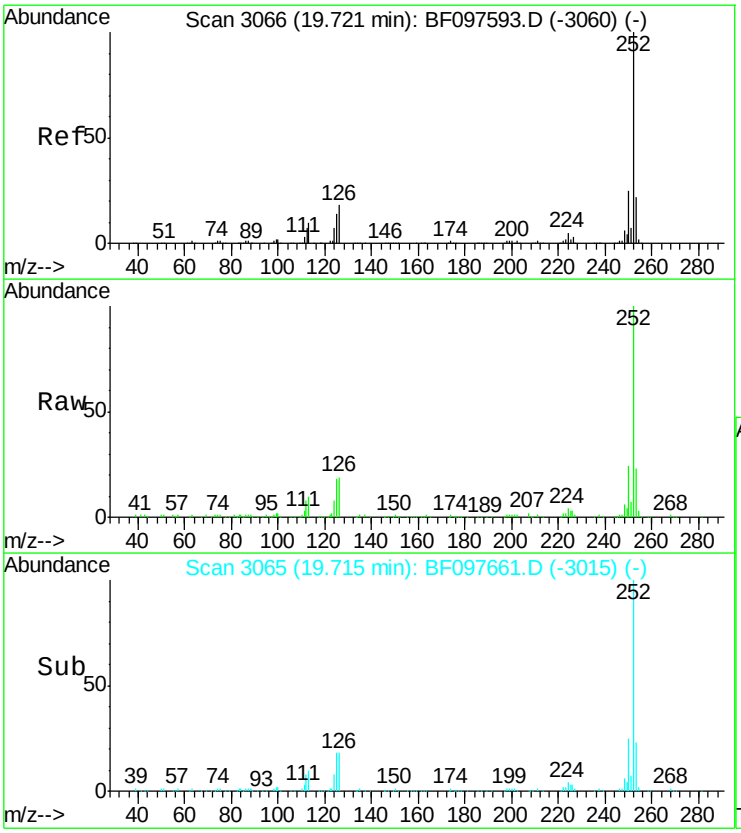
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:264 Resp: 192616

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.2	25.8

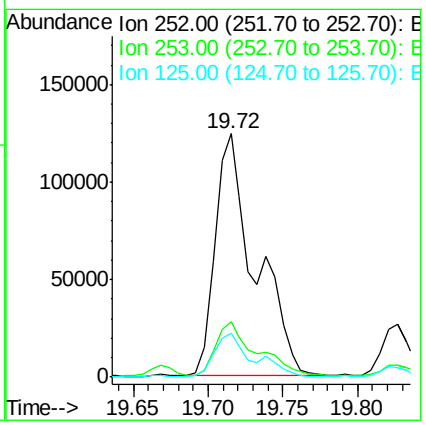


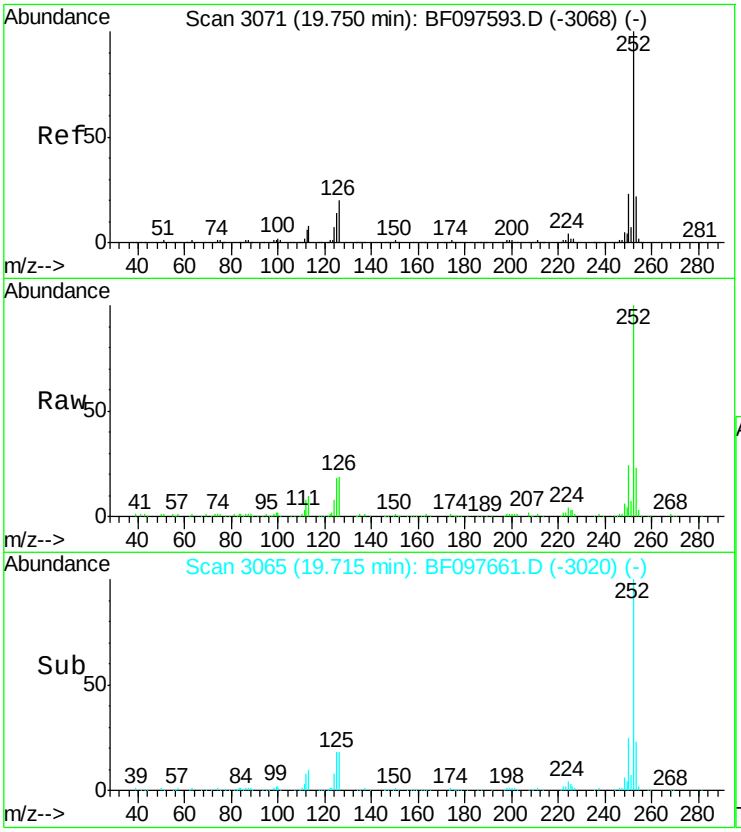


#87
Benzo(b)fluoranthene
Concen: 20.07 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:252 Resp: 232157

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	18.0	9.8	14.8#



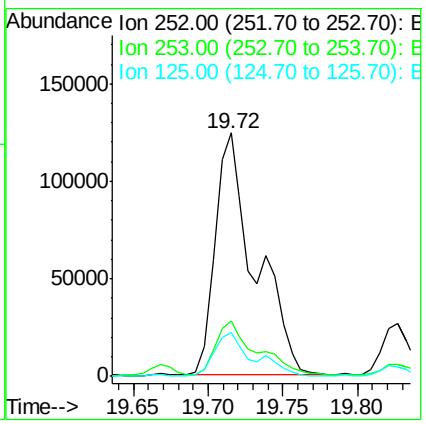


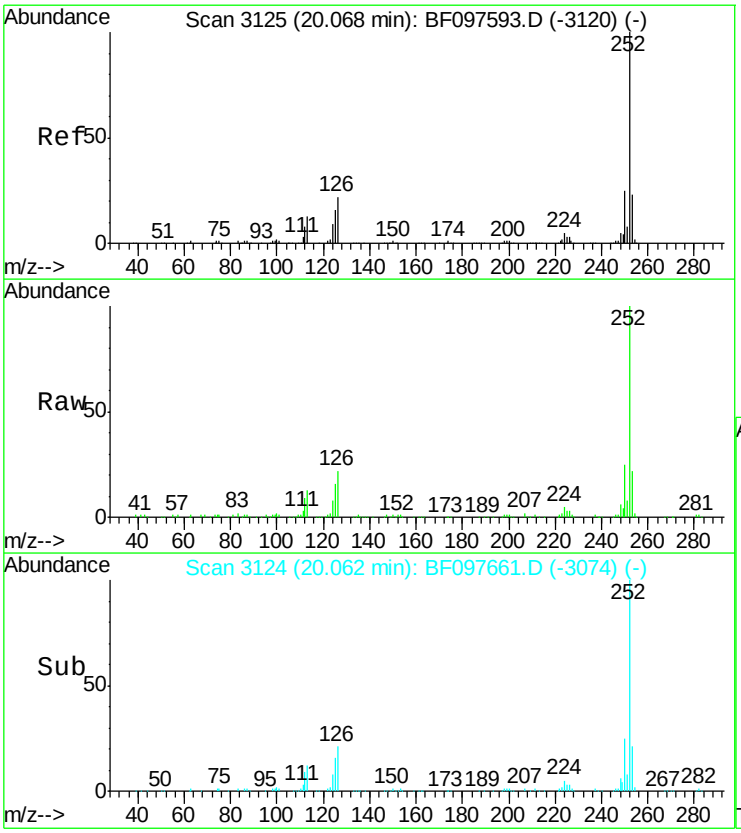
#88
Benzo(k)fluoranthene
Concen: 19.93 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.04 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:252 Resp: 232157

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	18.0	13.1	19.7

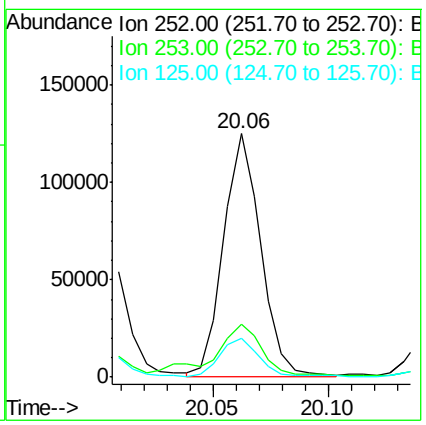


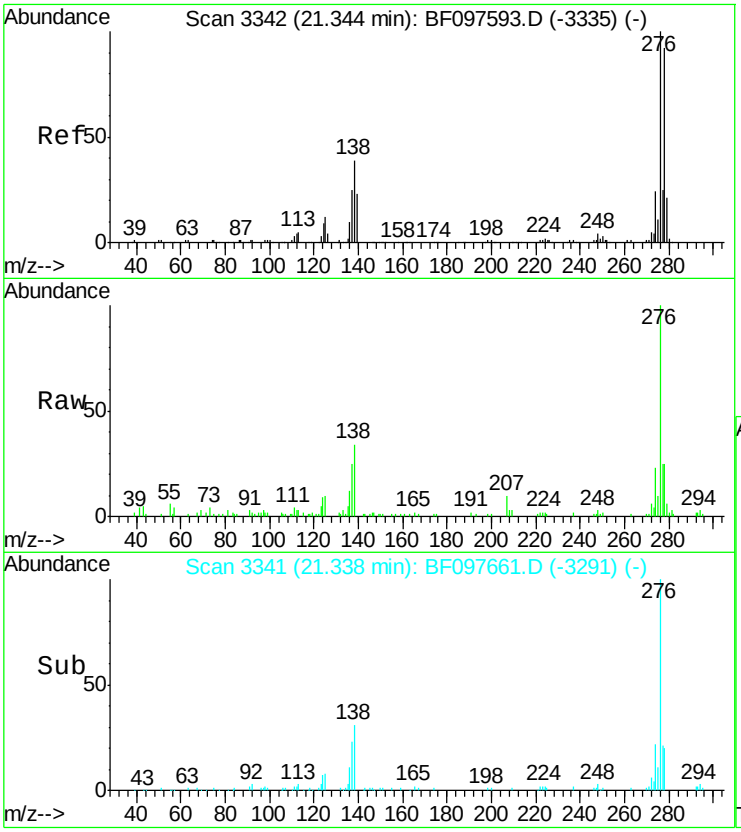


#89
Benzo(a)pyrene
Concen: 13.10 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:252 Resp: 139102

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.7	11.0	16.4



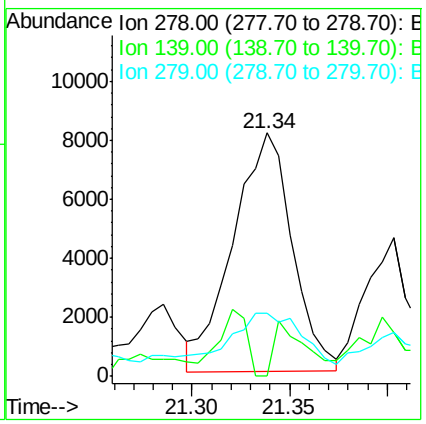


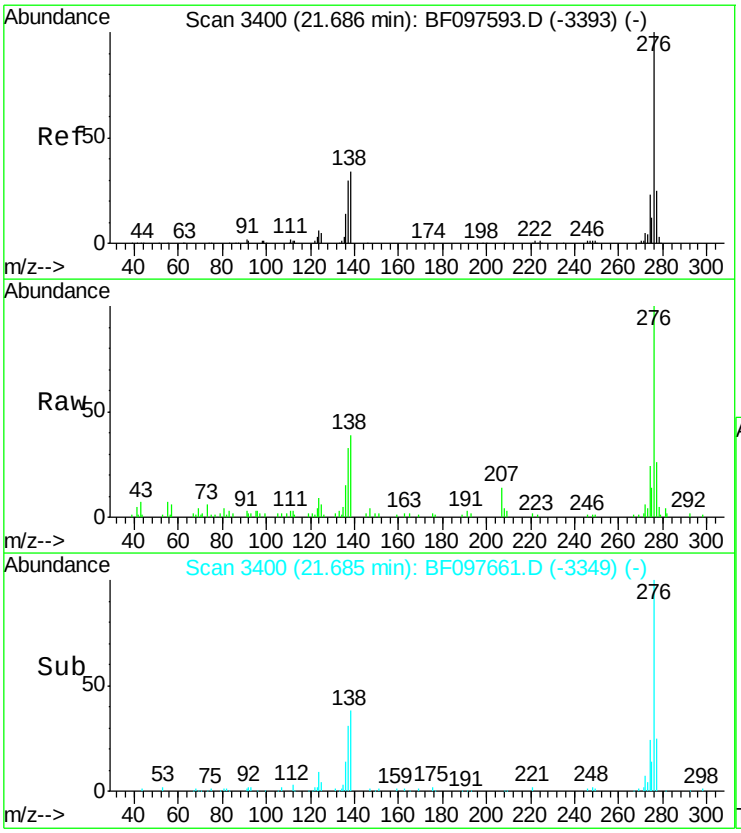
#90
Dibenzo(a,h)anthracene
Concen: 2.24 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7BDL

Tgt Ion:278 Resp: 17010

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	26.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 6.19 ng
RT: 21.69 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BF097661.D
Acq: 13 Aug 2017 7:52

Tgt Ion:276 Resp: 51589

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	38.6	25.4	38.0#