Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097581.D
Acq On : 11 Aug 2017 2:01
Operator : SJ/JU
Sample : I4697-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-5A

Quant Time: Aug 11 02:27:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	115416	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	444065	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	178032	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	243579	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	213369	20.00	ng		-0.02
86) Perylene-d12	14.86	264	170165	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	111107	14.51	ng		0.00
7) Phenol-d6	6.09	99	148951	17.04	ng		0.00
23) Nitrobenzene-d5	6.97	82	78983	10.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	18034	12.82	ng		-0.02
44) 2-Fluorobiphenyl	8.75	172	149615	14.26	ng		-0.02
78) Terphenyl-d14	12.47	244	79972	7.64	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	6.97	82	78983	5.33	ng	#	67
50) 2,6-Dinitrotoluene	9.42	165	22629	7.89	ng	#	34
56) 2,4-Dinitrotoluene	9.42	165	22629	6.86	ng	#	34
70) Phenanthrene	10.92	178	120282	9.22	ng		98
71) Anthracene	10.92	178	120282	9.00	ng		99
74) Fluoranthene	12.10	202	153513	12.01	ng		98
77) Pyrene	12.32	202	138602	7.93	ng		98
80) Benzo(a)anthracene	13.51	228	72853	5.28	ng		98
82) Chrysene	13.55	228	74725	5.54	ng		97
85) Indeno(1,2,3-cd)pyrene	16.05	276	27139	2.35	ng	#	90
87) Benzo(b)fluoranthene	14.52	252	113763	11.12	ng	#	96
88) Benzo(k)fluoranthene	14.52	252	113763	11.67	ng		99
89) Benzo(a)pyrene	14.81	252	56519	6.04	ng	#	95
91) Benzo(g,h,i)perylene	16.40	276	27908	3.47	ng	#	93

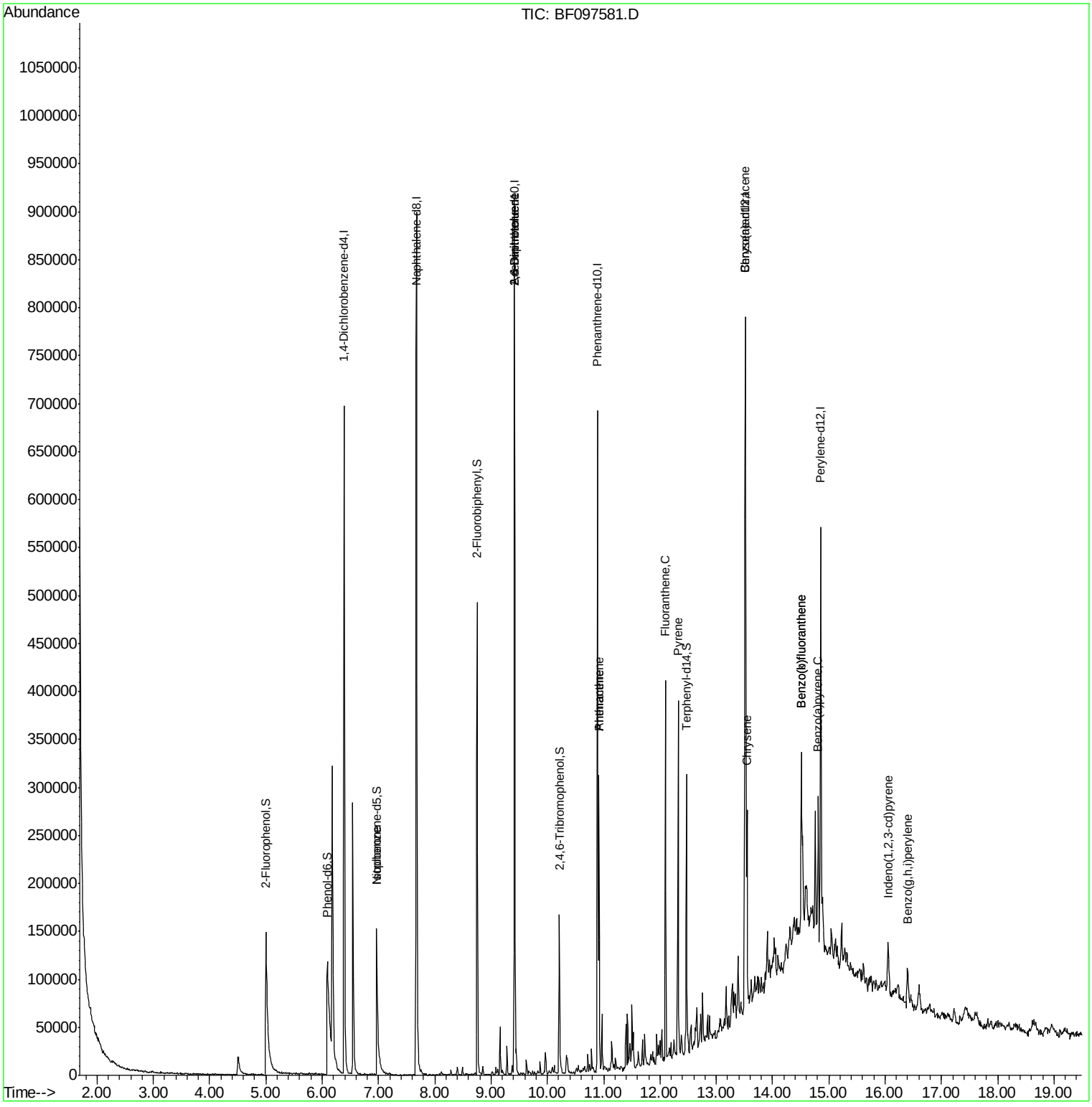
(#) = qualifier out of range (m) = manual integration (+) = signals summed

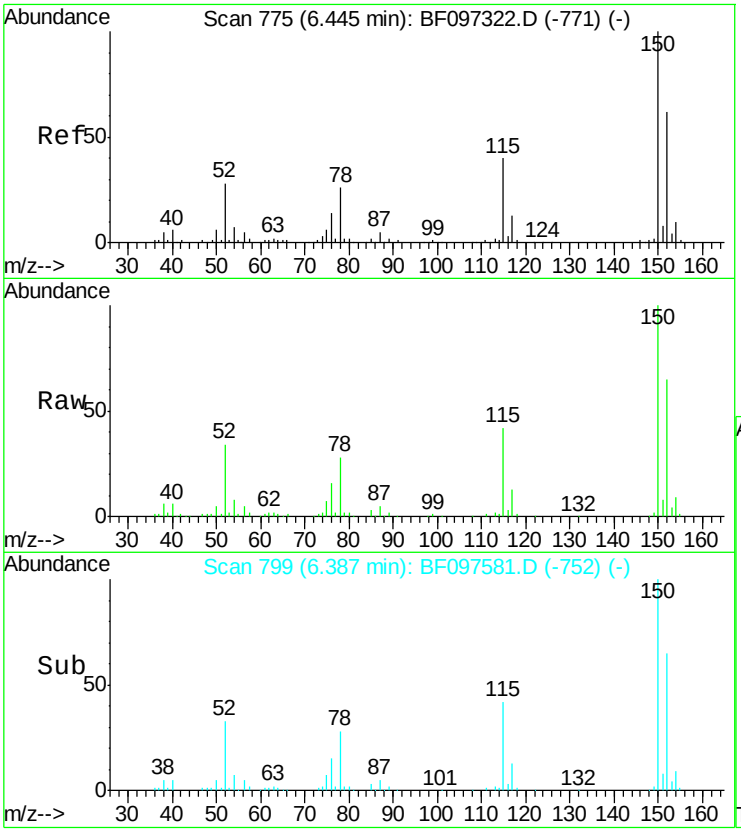
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097581.D
Acq On : 11 Aug 2017 2:01
Operator : SJ/JU
Sample : I4697-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Quant Time: Aug 11 02:27:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



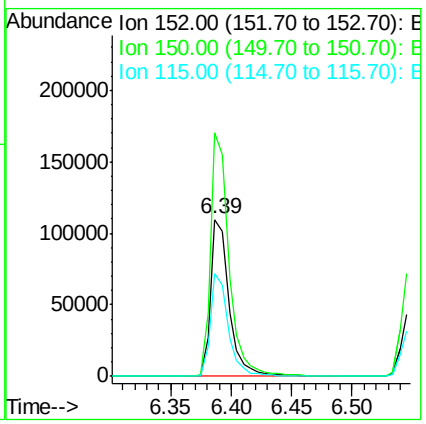


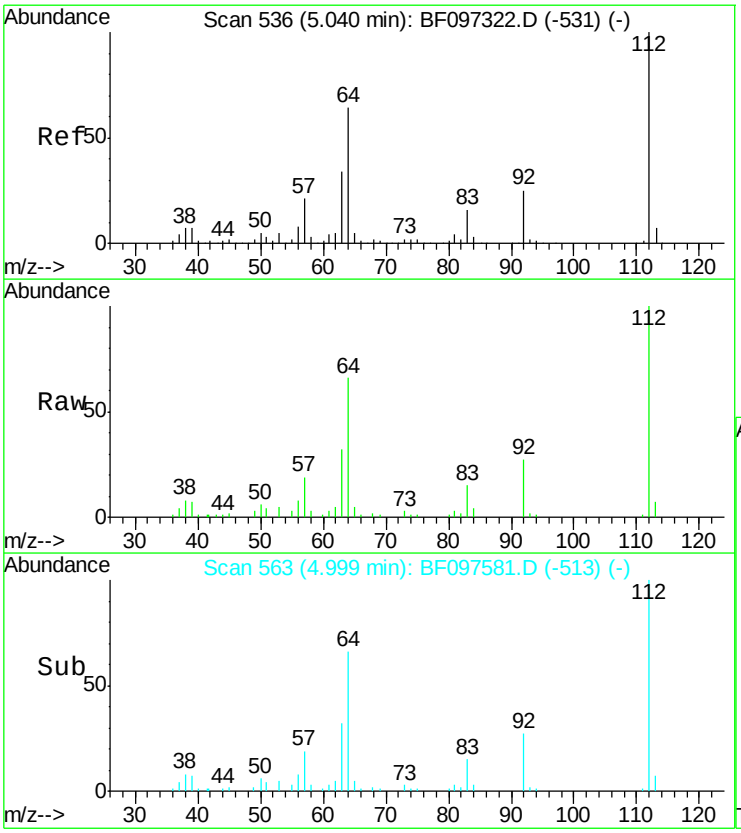
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:152 Resp: 115416

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	65.8	52.2	78.2

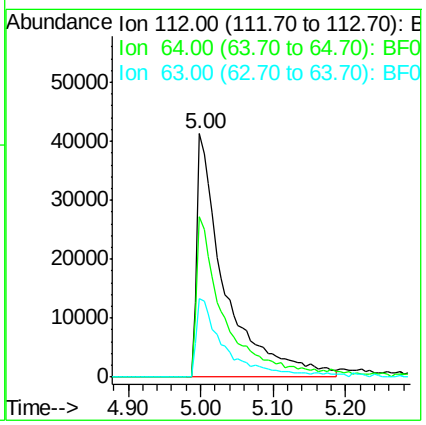


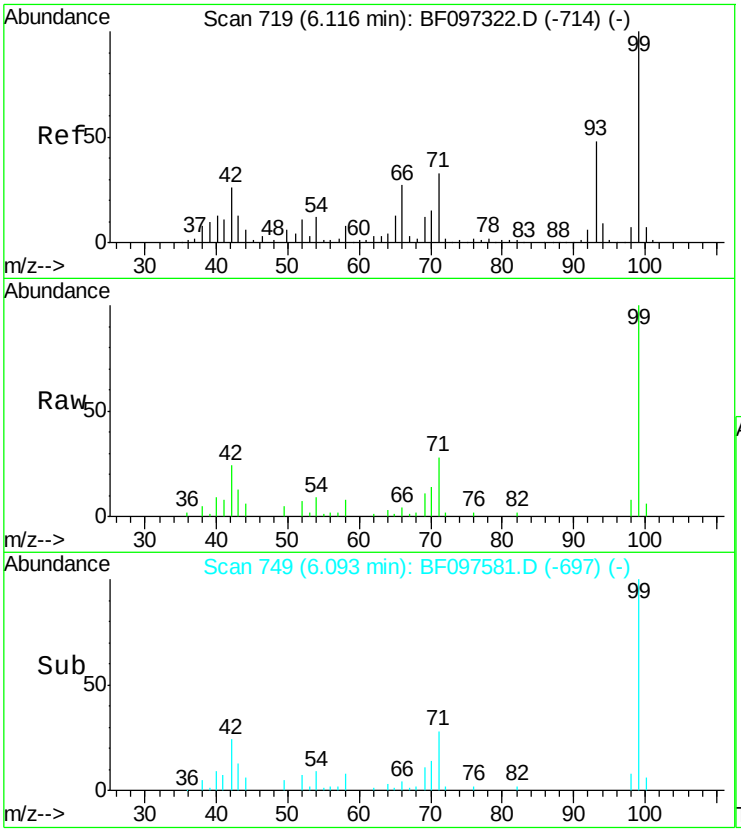


#5
2-Fluorophenol
Concen: 14.51 ng
RT: 5.00 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:112 Resp: 111107

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	32.4	23.4	35.0



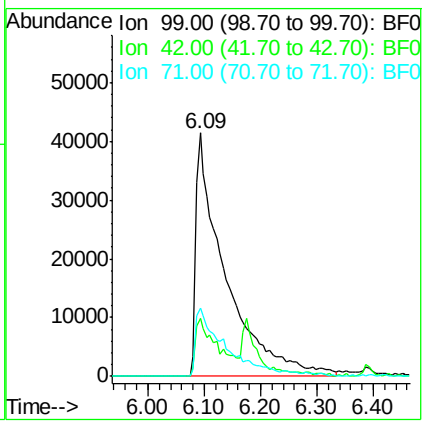


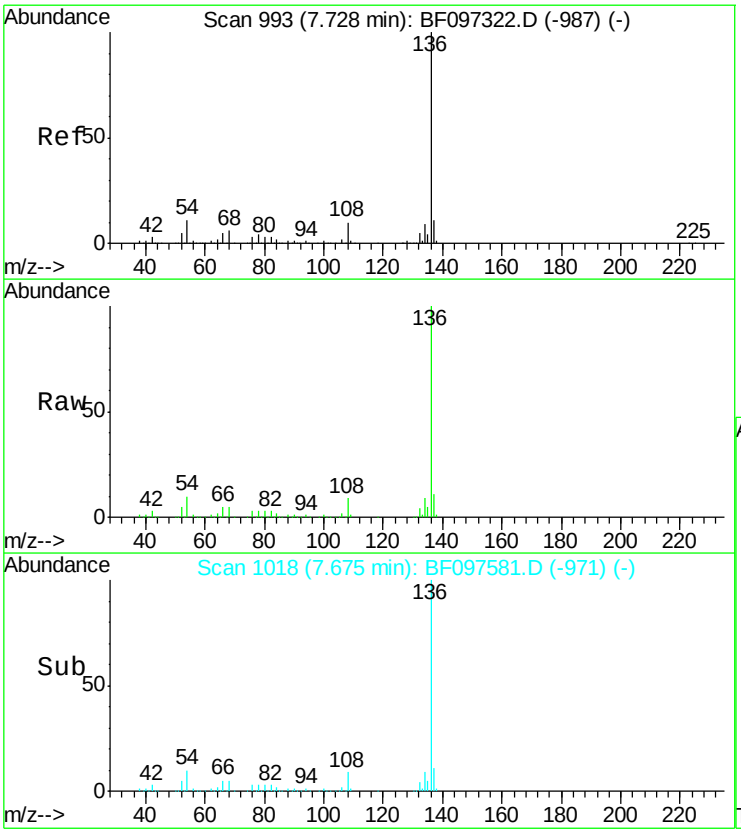
#7
Phenol-d6
Concen: 17.04 ng
RT: 6.09 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion: 99 Resp: 148951

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	27.8	24.5	36.7

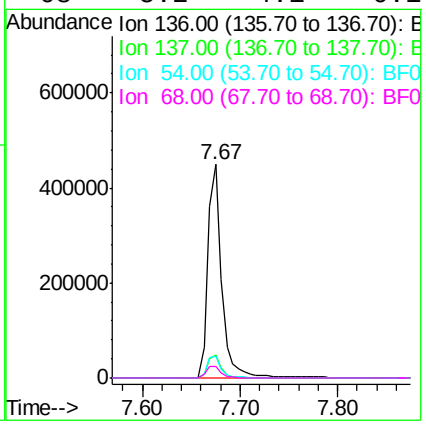


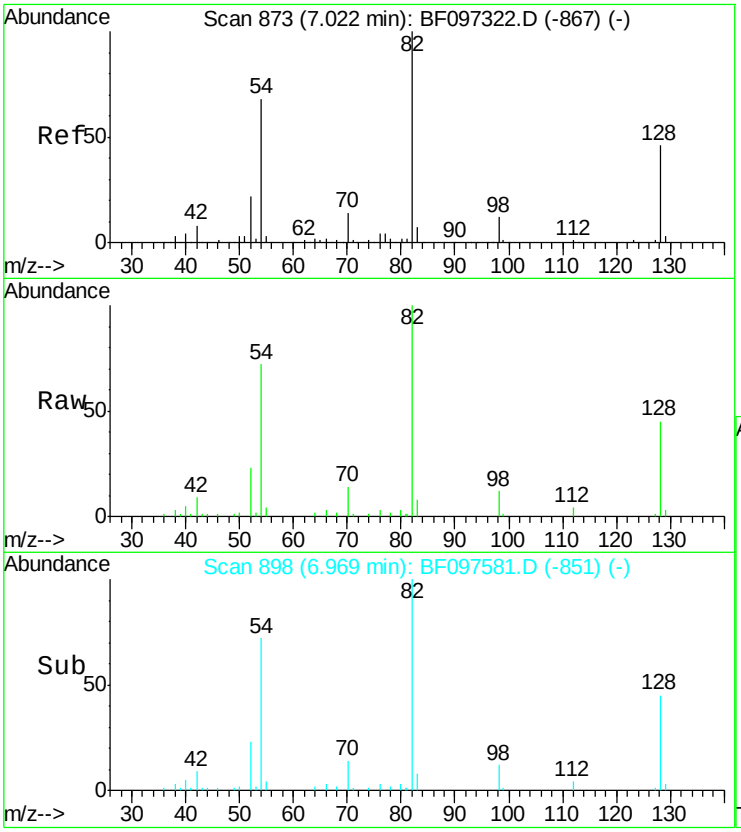


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:136 Resp: 444065

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.1	4.9	7.3#
68	5.2	4.1	6.1



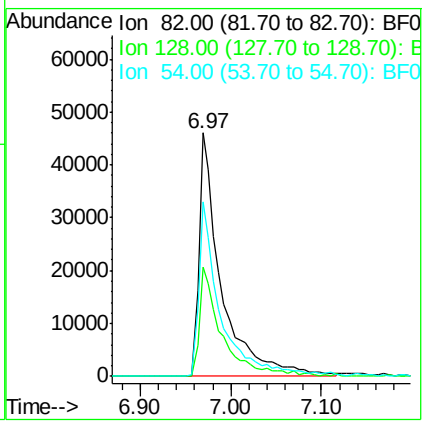


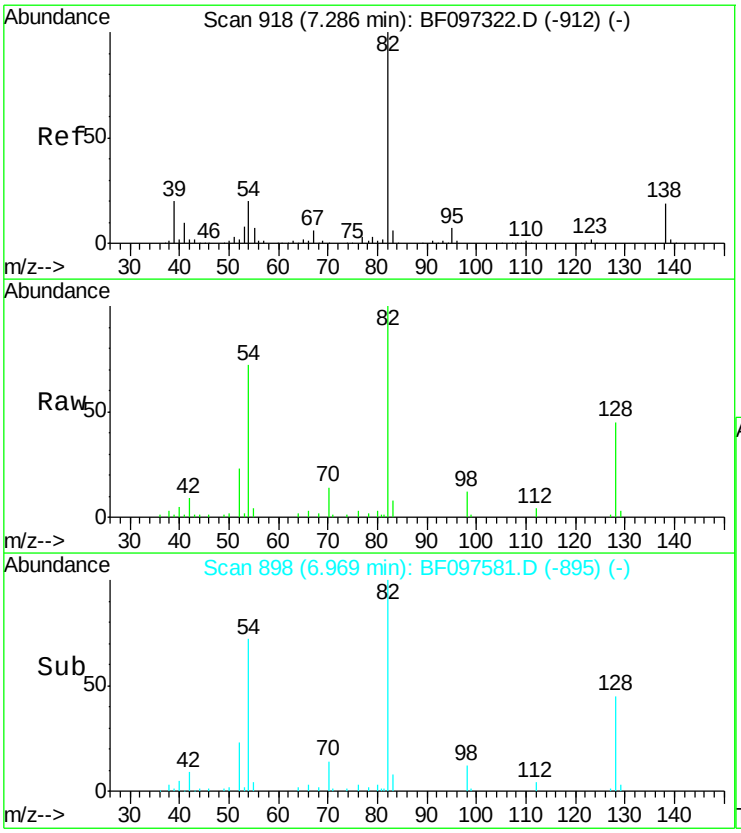
#23
Nitrobenzene-d5
Concen: 10.43 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion: 82 Resp: 78983

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	71.5	42.2	63.2#

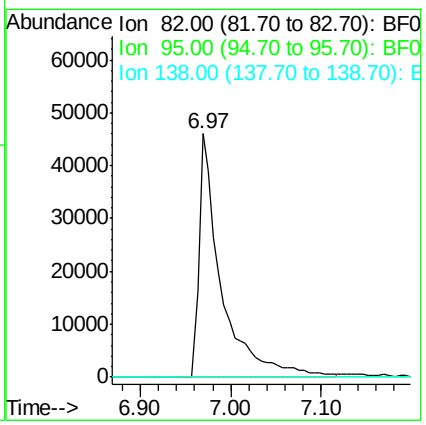


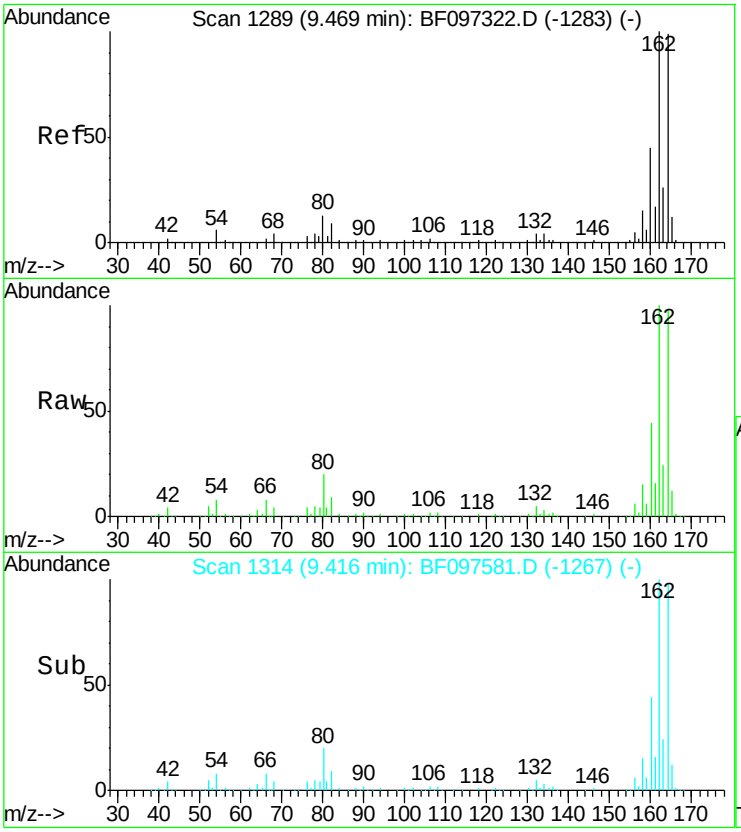


#25
Isophorone
Concen: 5.33 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion: 82 Resp: 78983

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



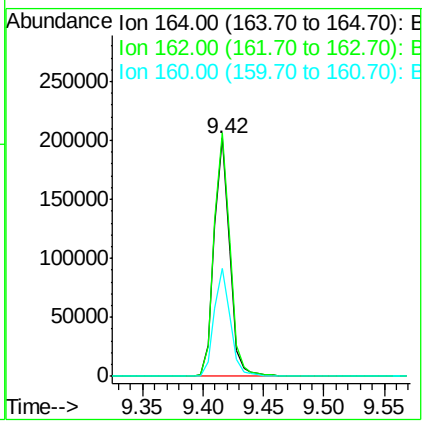


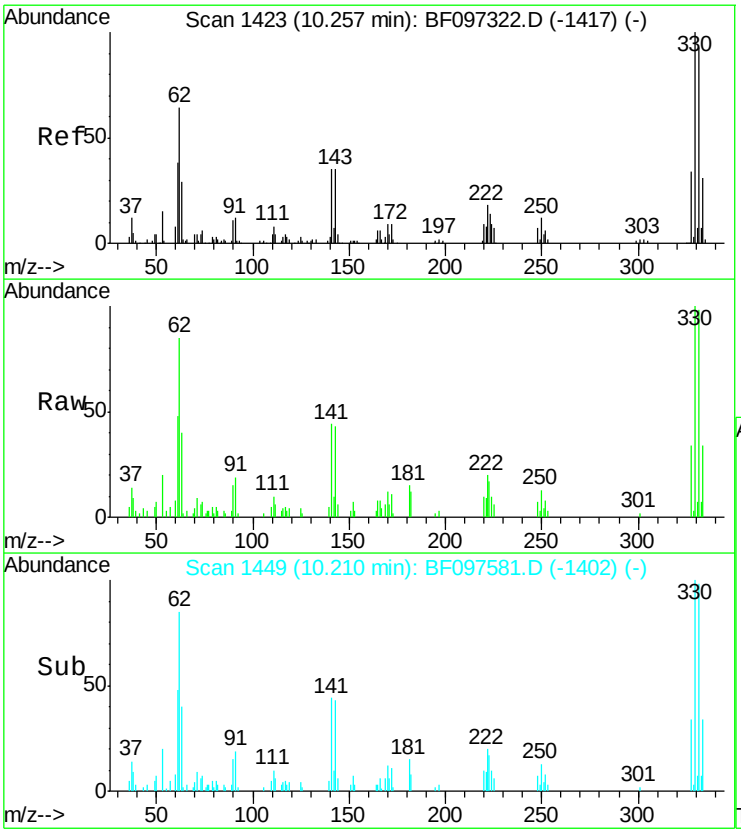
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:164 Resp: 178032

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.1	36.2	54.2

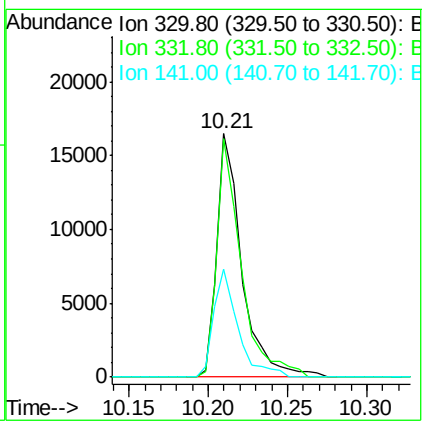


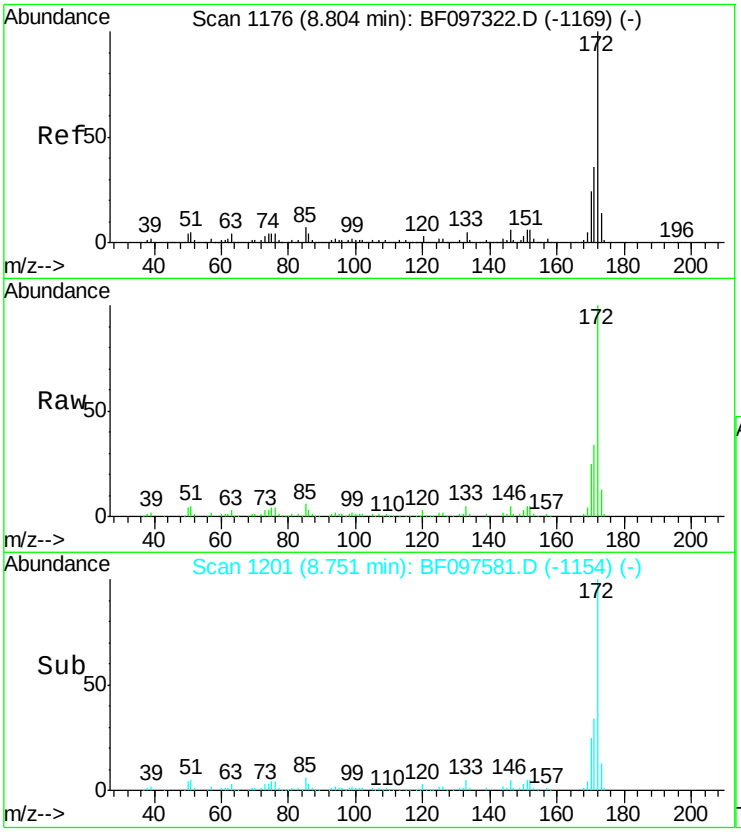


#41
2,4,6-Tribromophenol
Concen: 12.82 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:330 Resp: 18034

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	43.2	31.4	47.2



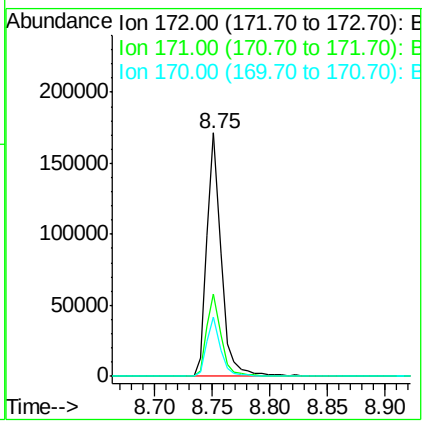


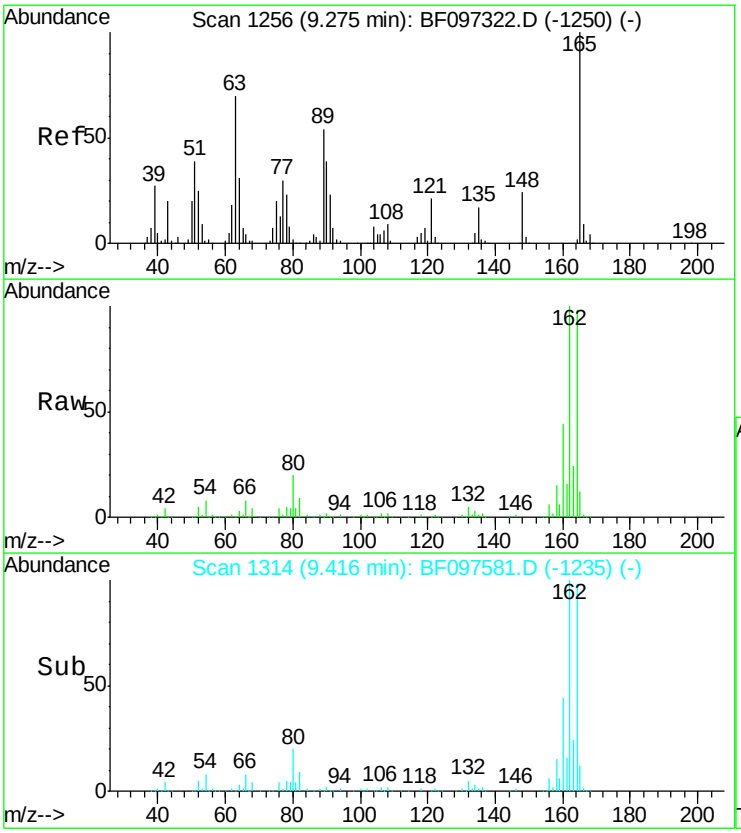
#44
2-Fluorobiphenyl
Concen: 14.26 ng
RT: 8.75 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:172 Resp: 149615

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	24.6	19.8	29.8

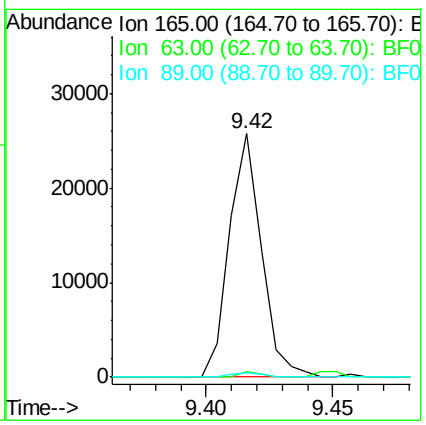


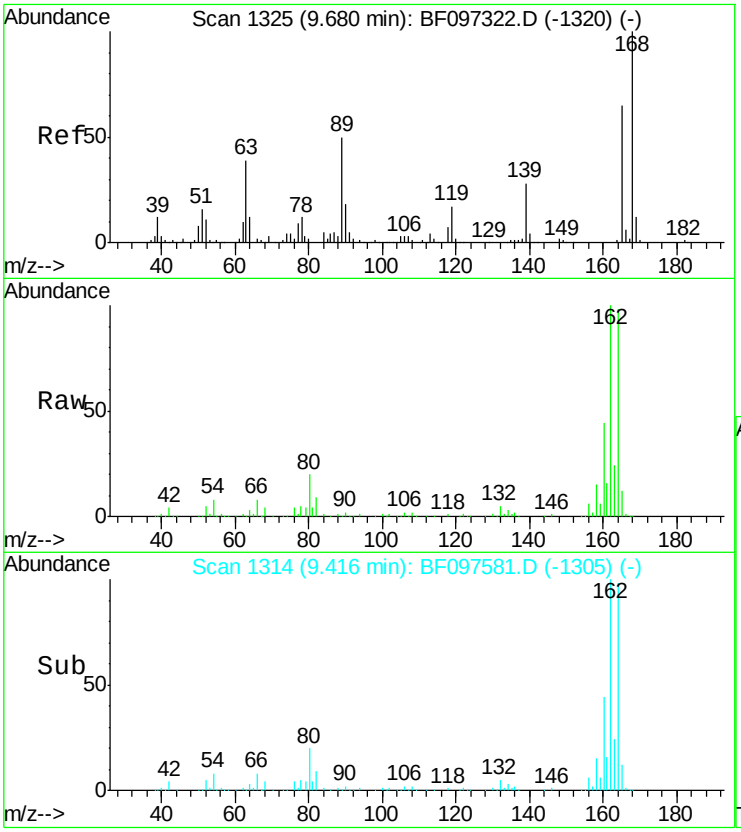


#50
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.42 min Scan# 1314
Delta R.T. 0.16 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.6	37.1	55.7#



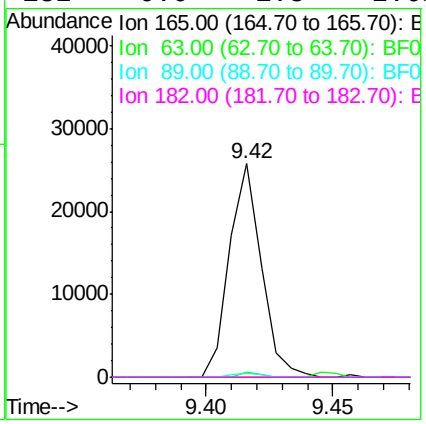


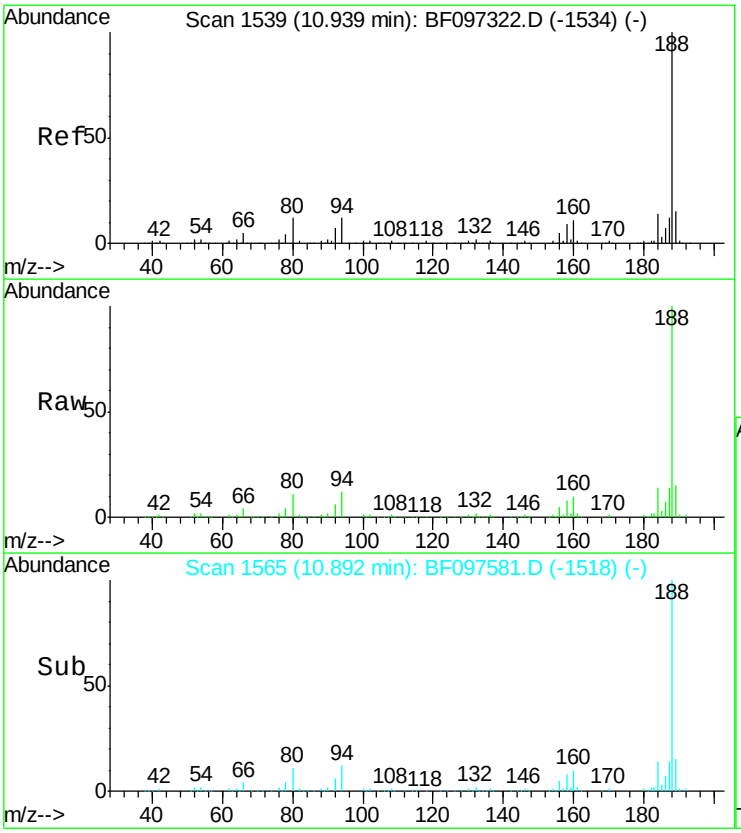
#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.25 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

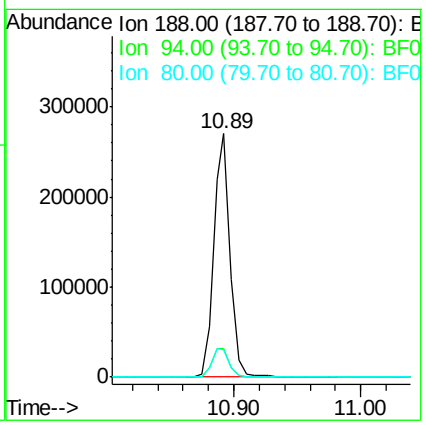


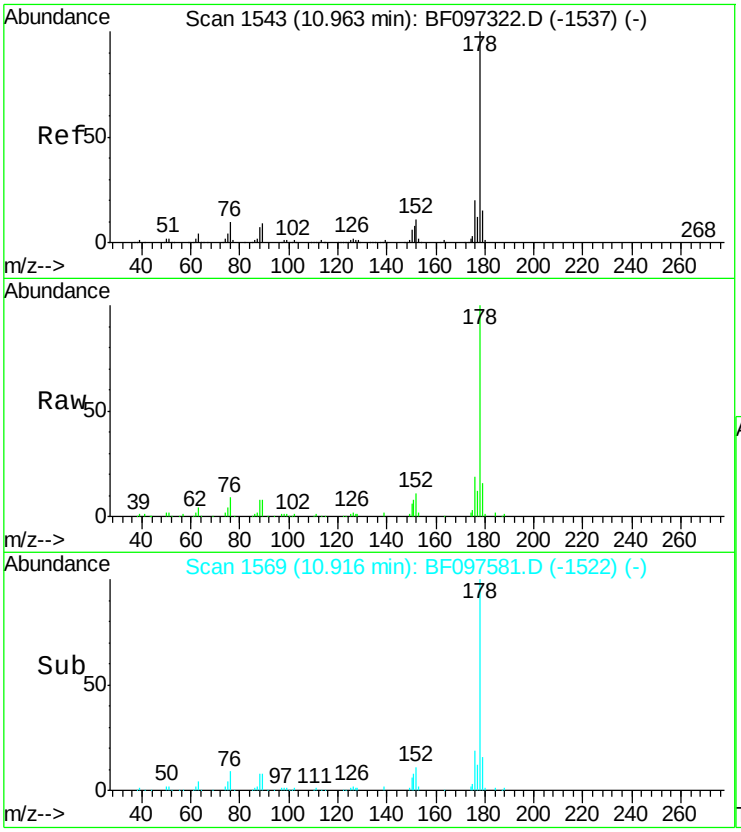


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:188 Resp: 243579

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.3	10.2	15.2



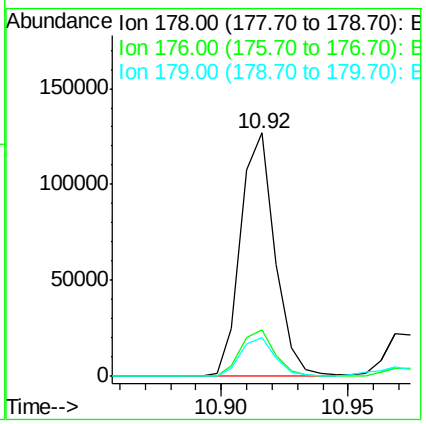


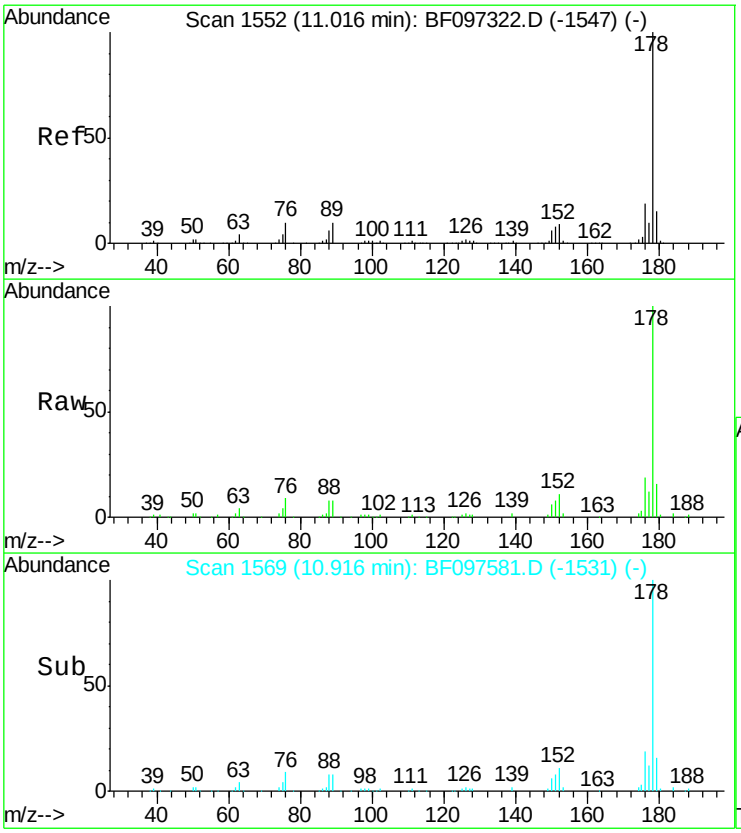
#70
Phenanthrene
Concen: 9.22 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:178 Resp: 120282

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.2	12.6	19.0

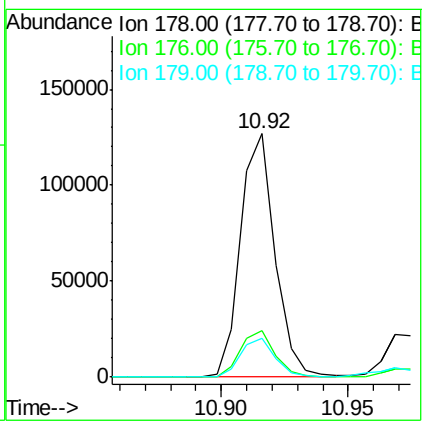


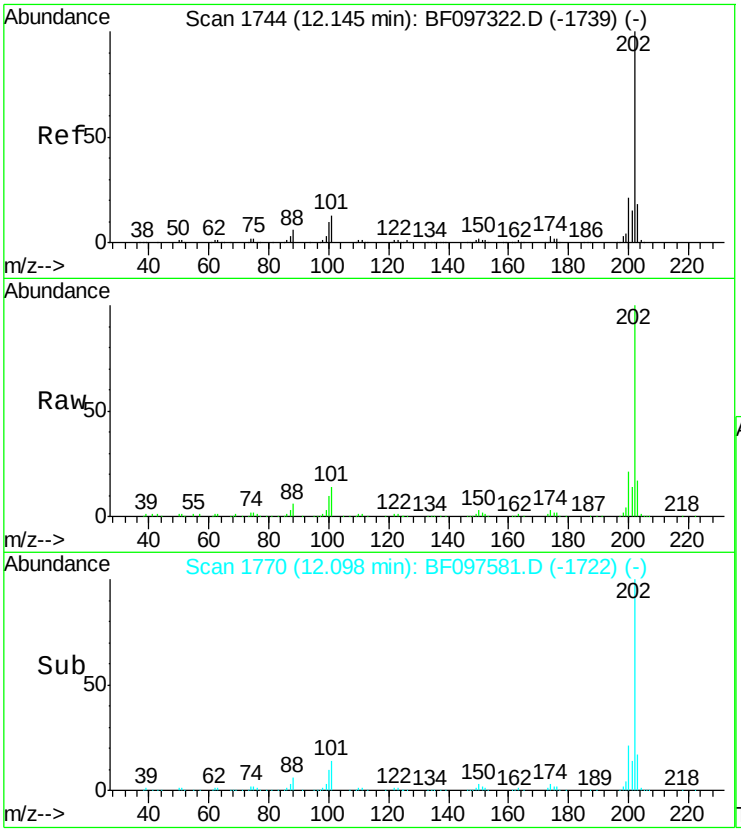


#71
Anthracene
Concen: 9.00 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.08 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:178 Resp: 120282

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.2	12.7	19.1



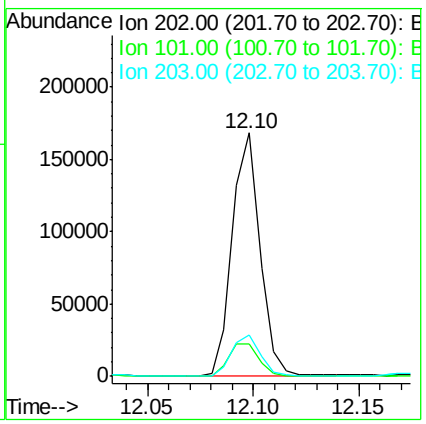


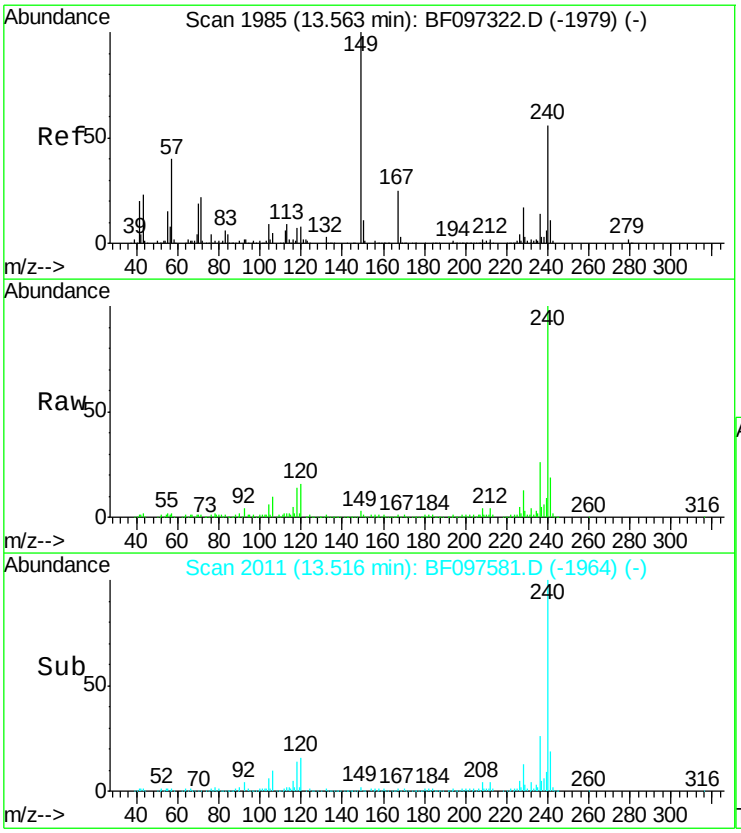
#74
Fluoranthene
Concen: 12.01 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:202 Resp: 153513

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	16.8	0.0	38.1

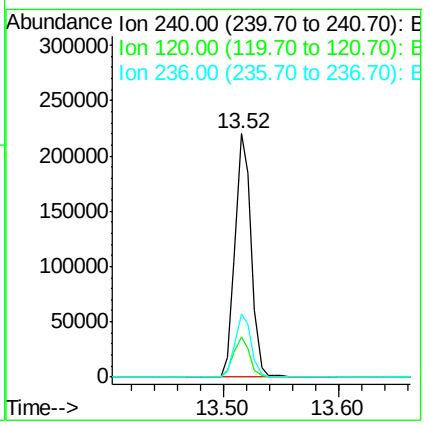


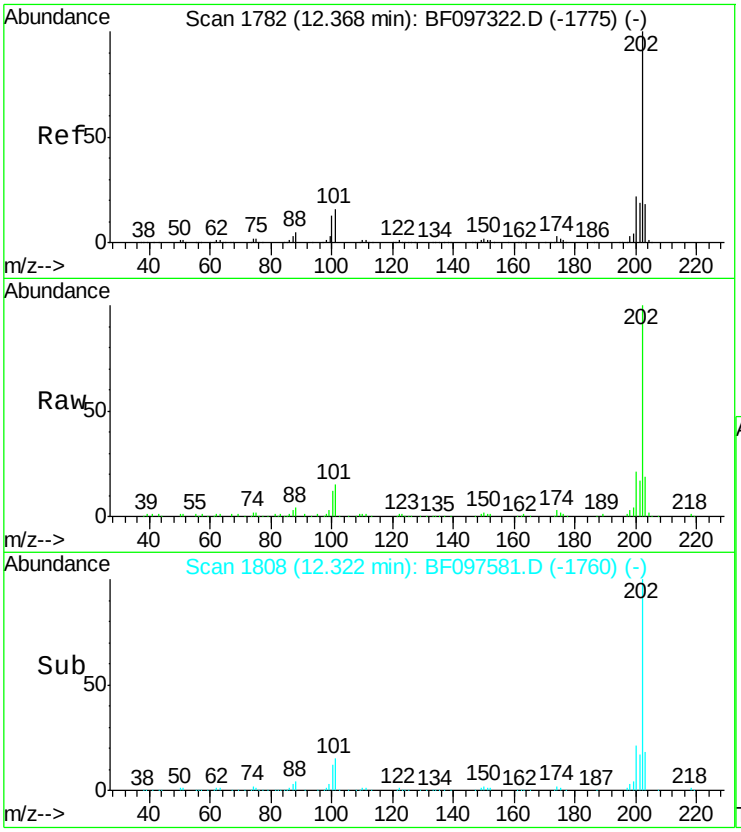


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:240 Resp: 213369

Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	25.8	20.5	30.7



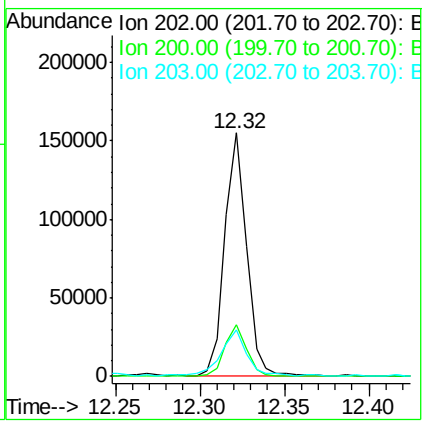


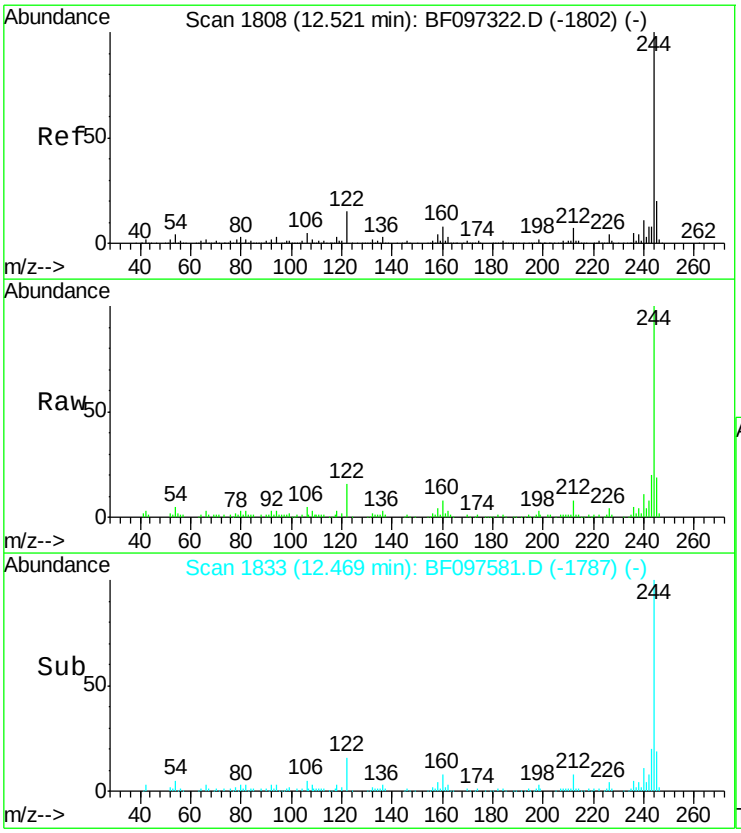
#77
Pyrene
Concen: 7.93 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:202 Resp: 138602

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.8	14.4	21.6

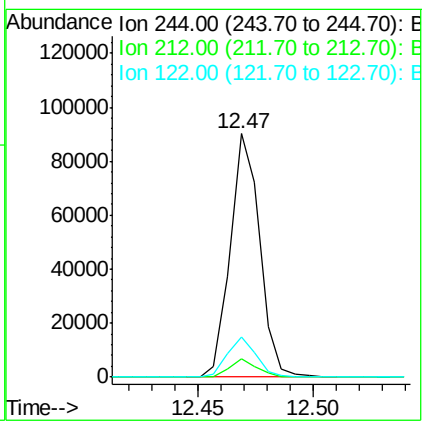


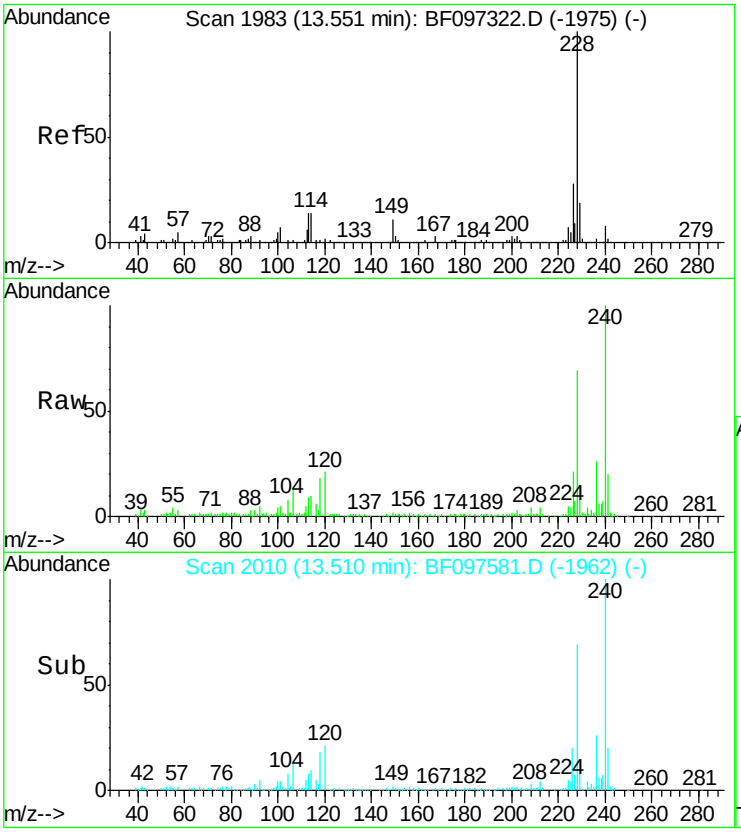


#78
Terphenyl-d14
Concen: 7.64 ng
RT: 12.47 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:244 Resp: 79972

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.2	10.3	15.5#



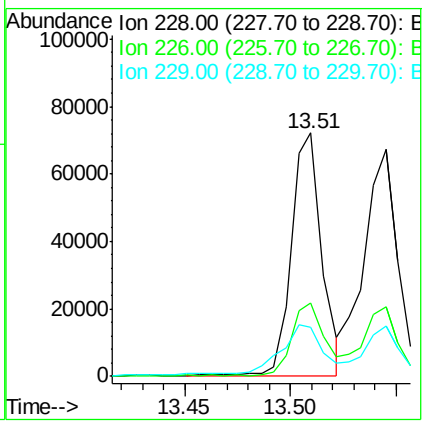


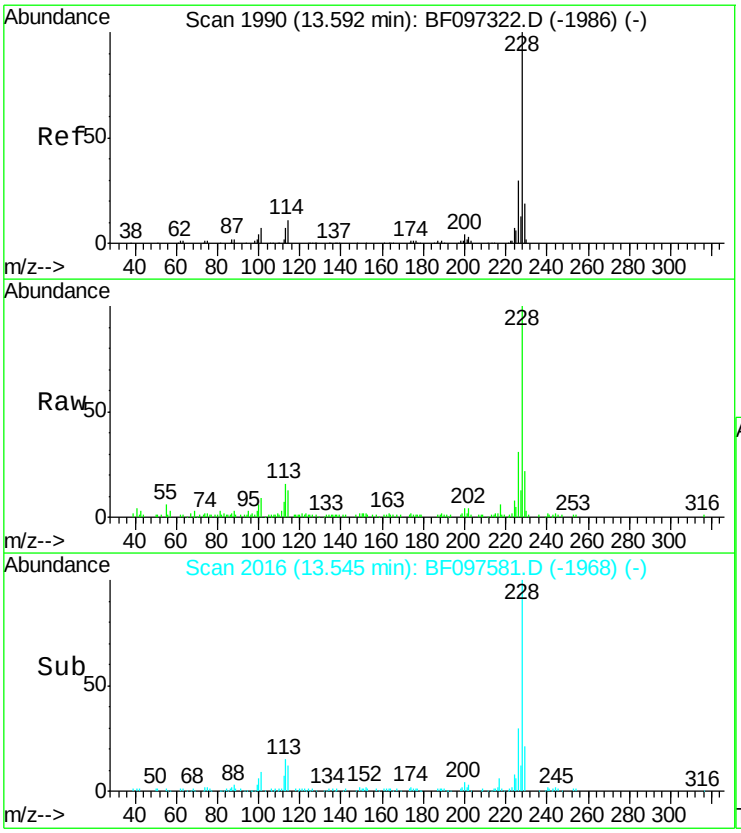
#80
Benzo(a)anthracene
Concen: 5.28 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:228 Resp: 72853

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	20.1	16.3	24.5

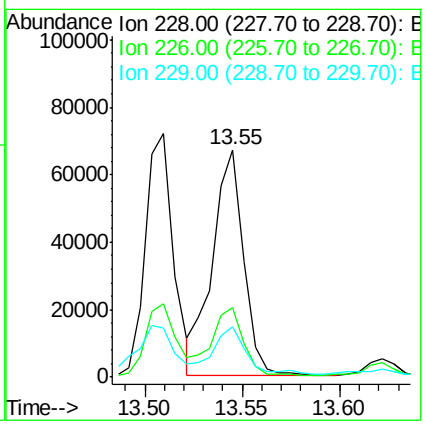


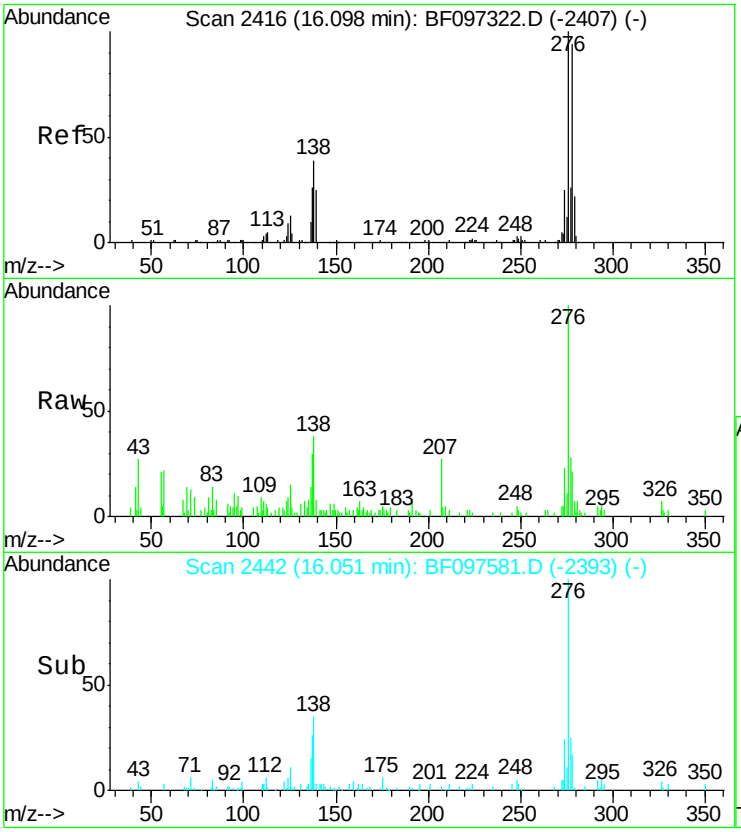


#82
Chrysene
Concen: 5.54 ng
RT: 13.55 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:228 Resp: 74725

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.4	15.8	23.6



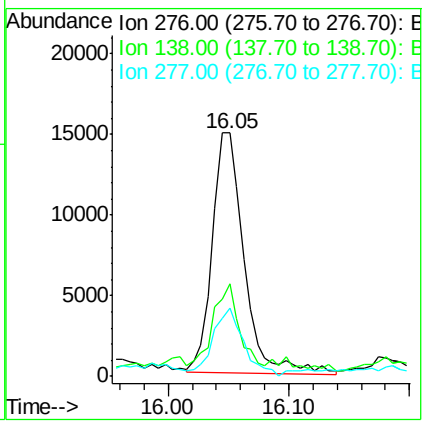


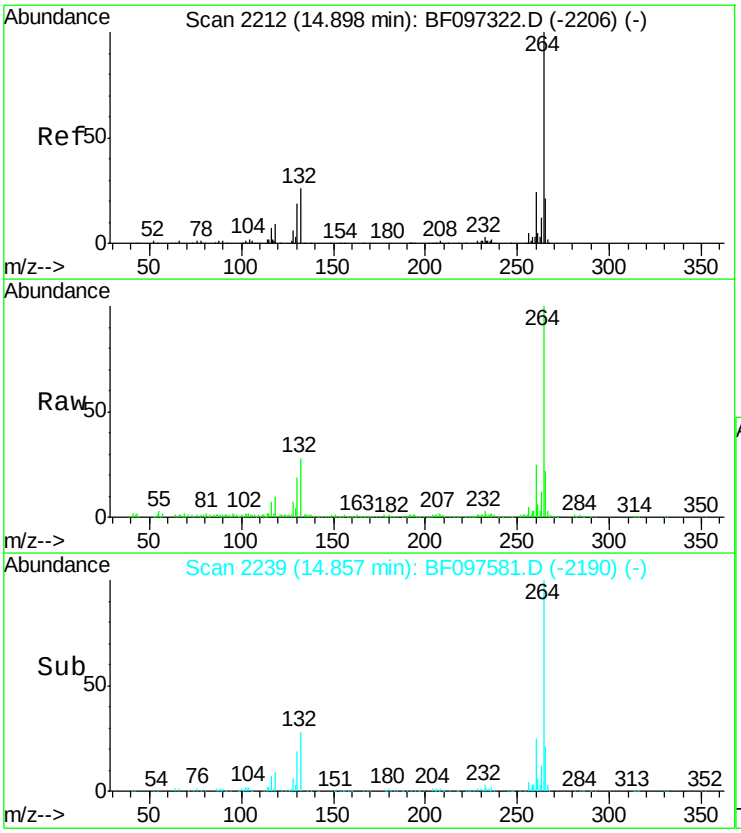
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng
RT: 16.05 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:276 Resp: 27139

Ion	Ratio	Lower	Upper
276	100		
138	26.8	27.8	41.6#
277	27.5	20.2	30.4

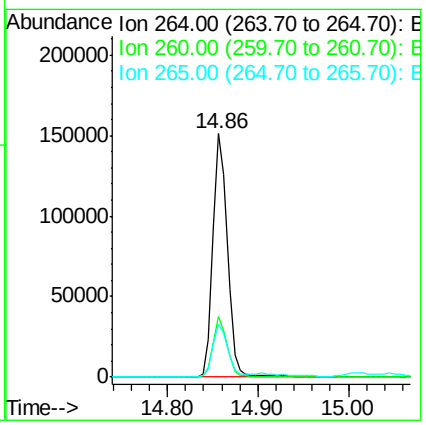


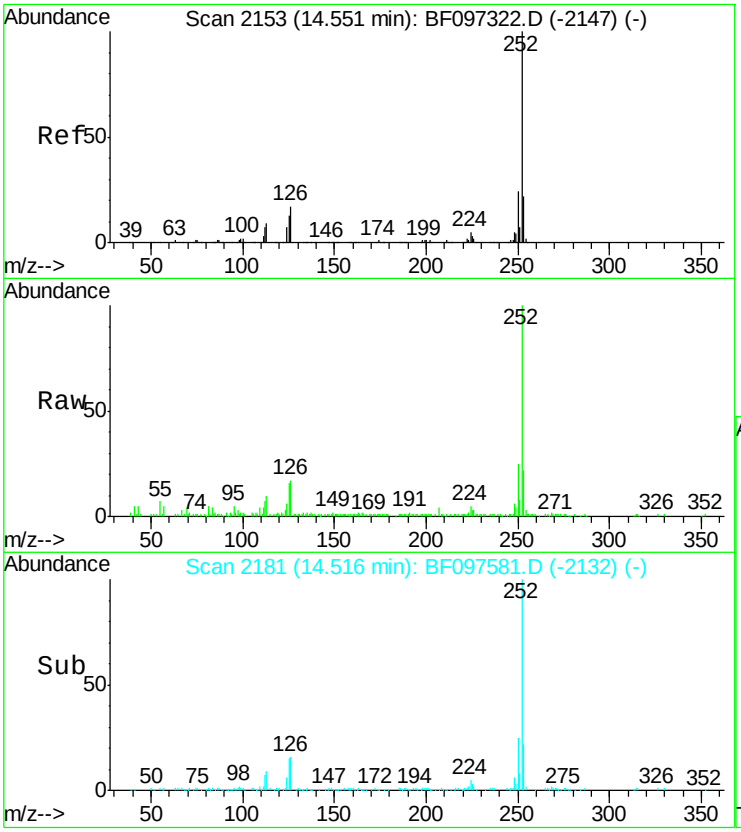


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:264 Resp: 170165

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.8	17.2	25.8



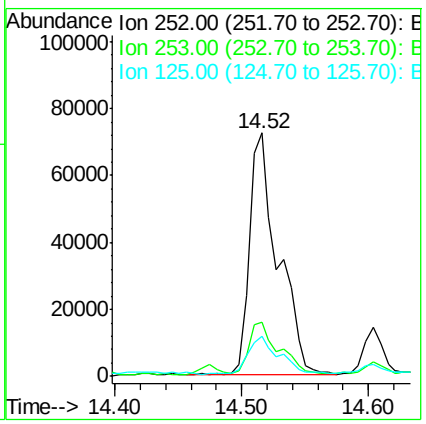


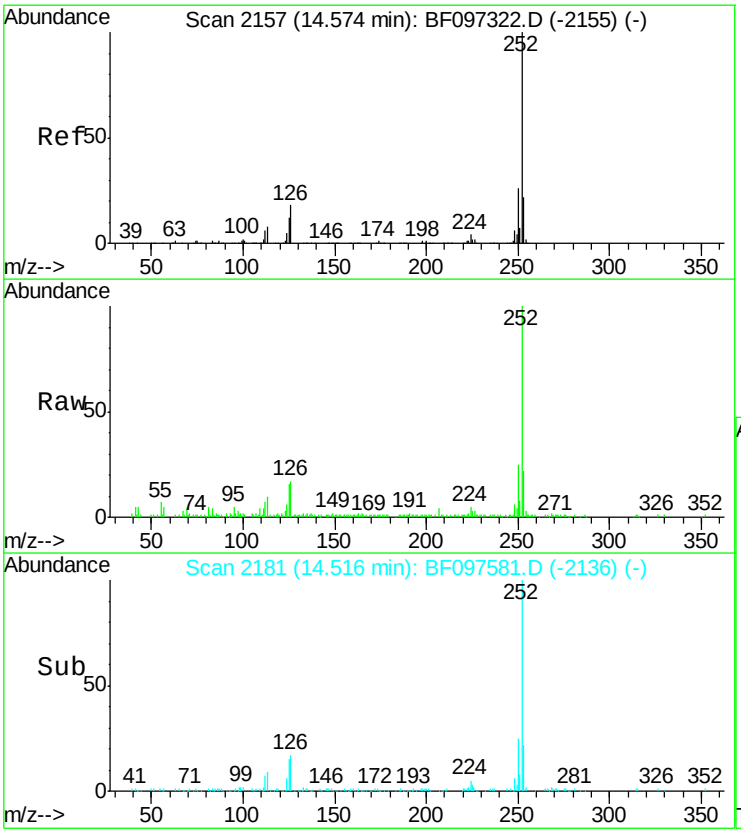
#87
Benzo(b)fluoranthene
Concen: 11.12 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:252 Resp: 113763

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.5	9.8	14.8#

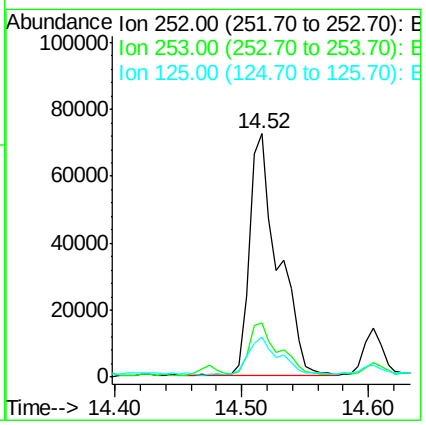


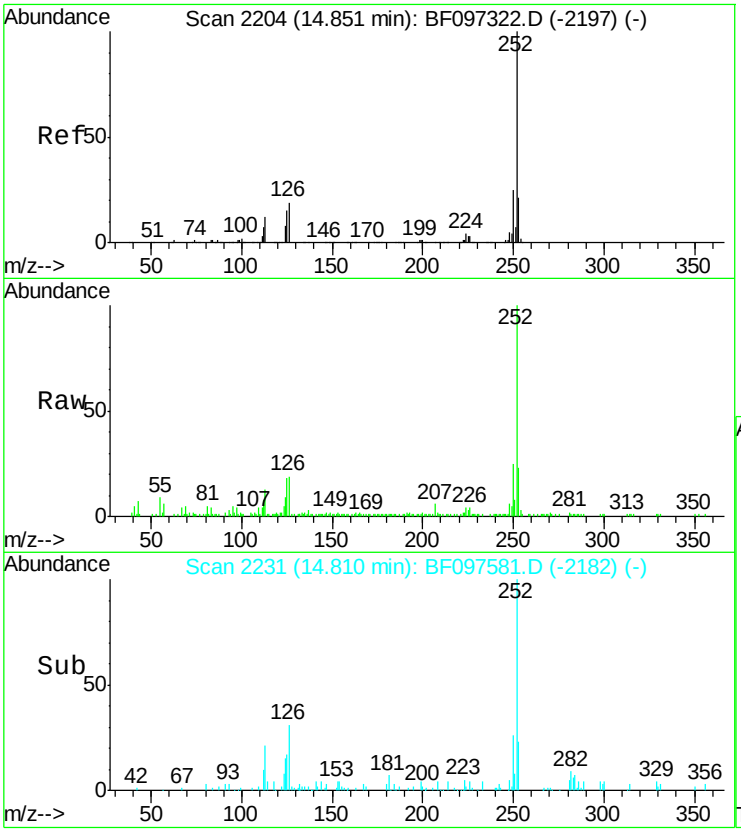


#88
Benzo(k)fluoranthene
Concen: 11.67 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:252 Resp: 113763

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	16.5	13.1	19.7



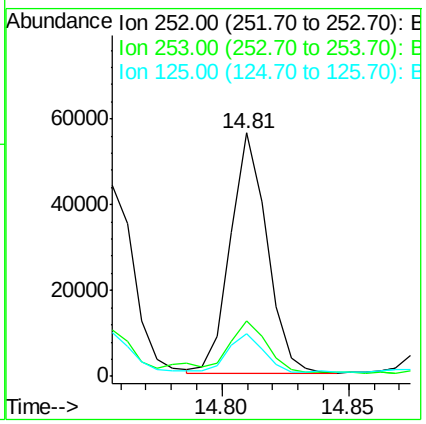


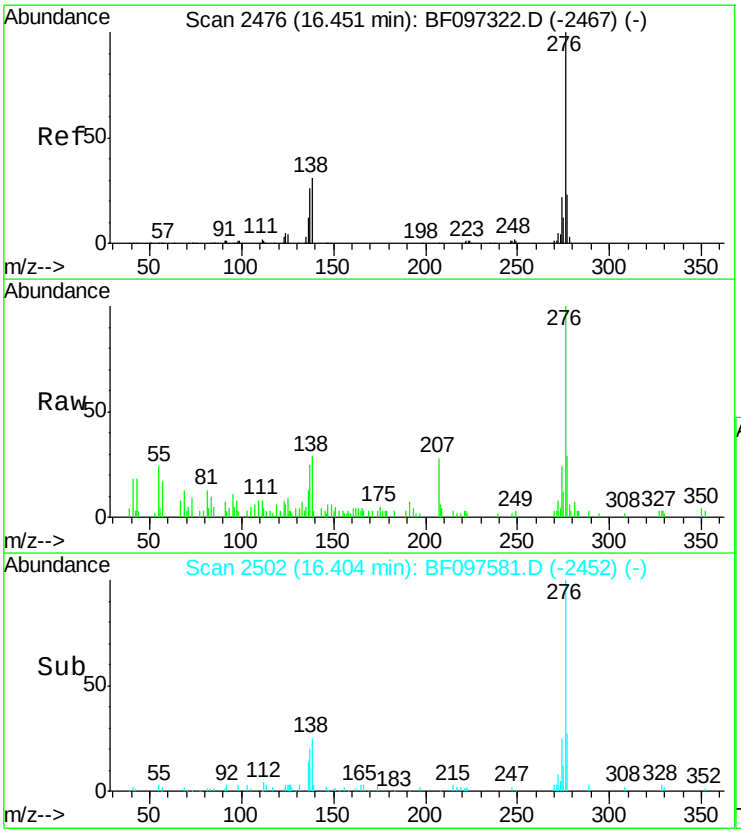
#89
Benzo(a)pyrene
Concen: 6.04 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-5A

Tgt Ion:252 Resp: 56519

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.47 ng
RT: 16.40 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF097581.D
Acq: 11 Aug 2017 2:01

Tgt Ion:276 Resp: 27908

Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.6	28.0#
138	29.2	25.4	38.0