Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF090815\
Data File : BF081553.D
Acq On : 9 Sep 2015 9:24
Operator : UM/IZ
Sample : G3579-01DL 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2DL

Quant Time: Sep 09 10:37:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 15:49:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	40481	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	147940	20.00	ng		-0.01
38) Acenaphthene-d10	9.37	164	59175	20.00	ng		-0.01
63) Phenanthrene-d10	10.84	188	104788	20.00	ng		0.00
75) Chrysene-d12	13.45	240	89896	20.00	ng		0.00
86) Perylene-d12	14.75	264	61662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	17774	6.81	ng		0.01
7) Phenol-d6	6.02	99	25442	7.37	ng		0.00
23) Nitrobenzene-d5	6.92	82	16009	5.22	ng		0.00
41) 2,4,6-Tribromophenol	10.16	330	3184	6.04	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	26516	5.74	ng		0.00
78) Terphenyl-d14	12.42	244	17742	4.59	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.66	128	159136	20.17	ng		98
32) Benzoic acid	7.66	122	319	2.72	ng	#	1
33) 4-Chloroaniline	7.66	127	20231	6.29	ng	#	31
37) 2-Methylnaphthalene	8.35	142	16292	3.17	ng	#	92
45) 1,1'-Biphenyl	8.81	154	29253	5.37	ng		95
48) Acenaphthylene	9.23	152	19169	2.75	ng	#	94
50) 2,6-Dinitrotoluene	9.37	165	9105	8.73	ng	#	47
51) Acenaphthene	9.40	154	120685	30.42	ng		91
55) 4-Nitrophenol	9.58	139	3465	4.64	ng	#	43
57) Fluorene	9.92	166	59998	13.65	ng		98
70) Phenanthrene	10.87	178	294849	50.61	ng		97
71) Anthracene	10.91	178	65901	11.01	ng		98
74) Fluoranthene	12.03	202	117830	18.68	ng		90
77) Pyrene	12.26	202	171383	25.74	ng		99
80) Benzo(a)anthracene	13.44	228	45585	7.96	ng	#	50
82) Chrysene	13.44	228	45585	8.88	ng	#	52
85) Indeno(1,2,3-cd)pyrene	15.83	276	11301	3.00	ng	#	87
87) Benzo(b)fluoranthene	14.43	252	33778	7.67	ng	#	90
88) Benzo(k)fluoranthene	14.66	252	14440	3.95	ng		95
89) Benzo(a)pyrene	14.71	252	29370	7.87	ng	#	87
91) Benzo(g,h,i)perylene	16.15	276	14653	5.33	ng	#	74

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

Quantitation Report (Not Reviewed)

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Operator : UM/IZ
Sample : G3579-01DL 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
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NYSEG-CLARKST-ESMI-2DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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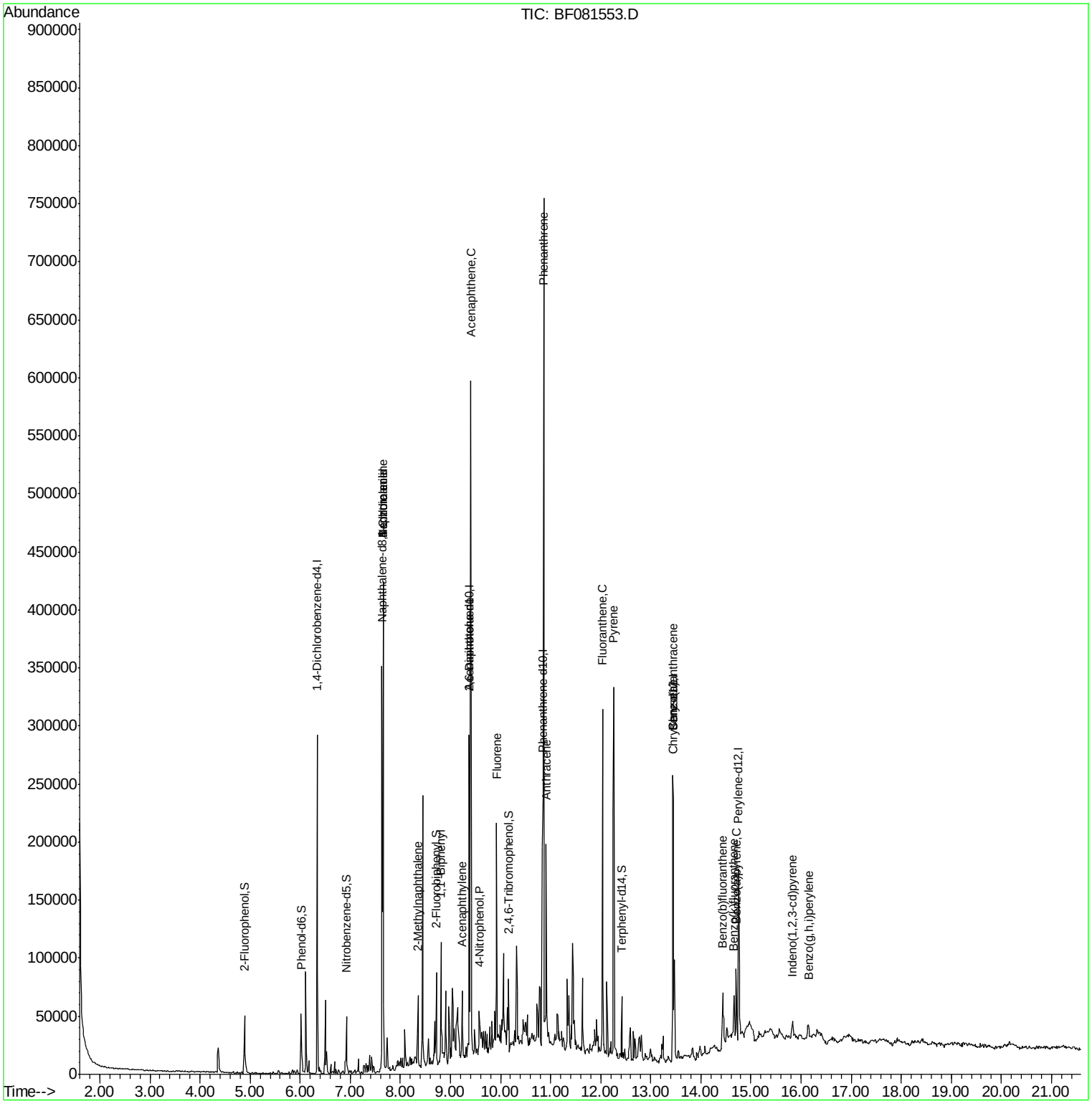
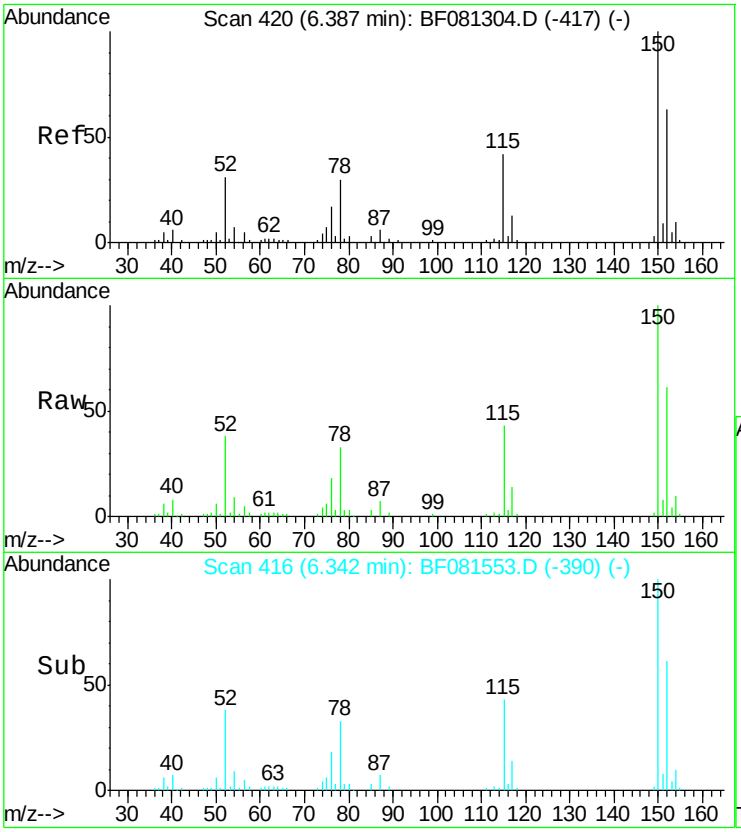


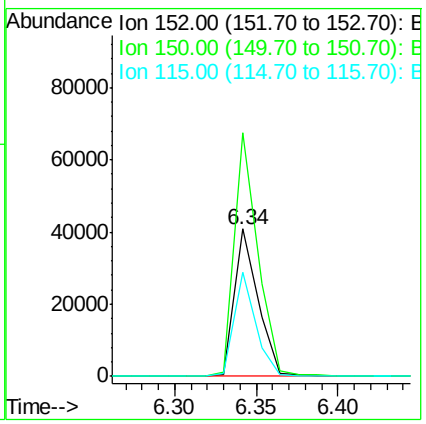


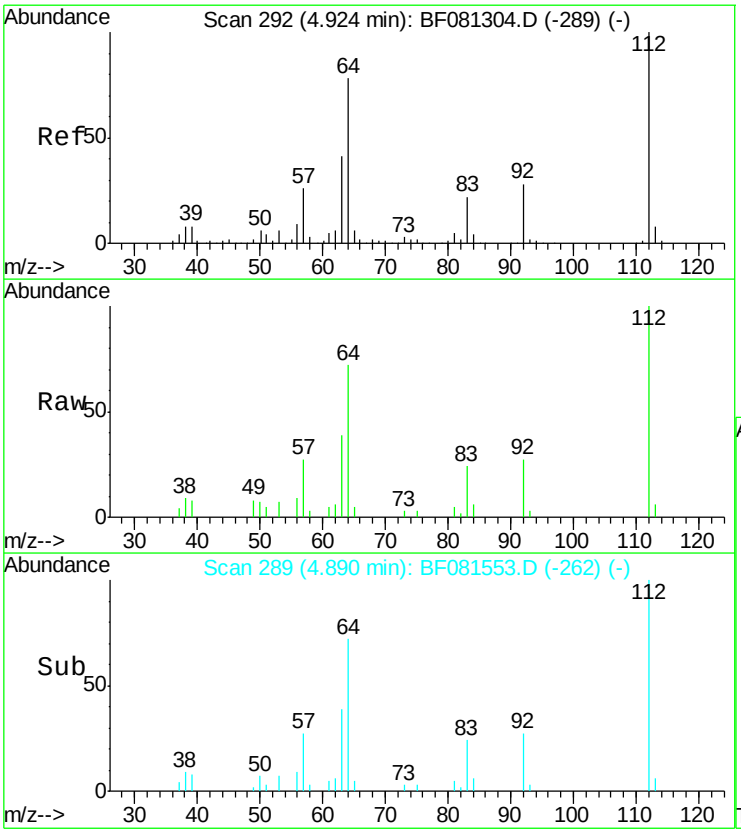
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:152 Resp: 40481

Ion	Ratio	Lower	Upper
152	100		
150	165.1	124.7	187.1
115	70.9	39.0	58.4#

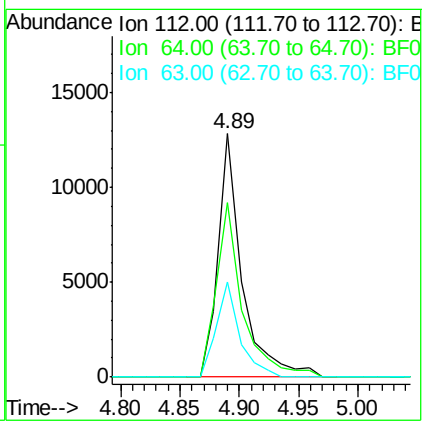


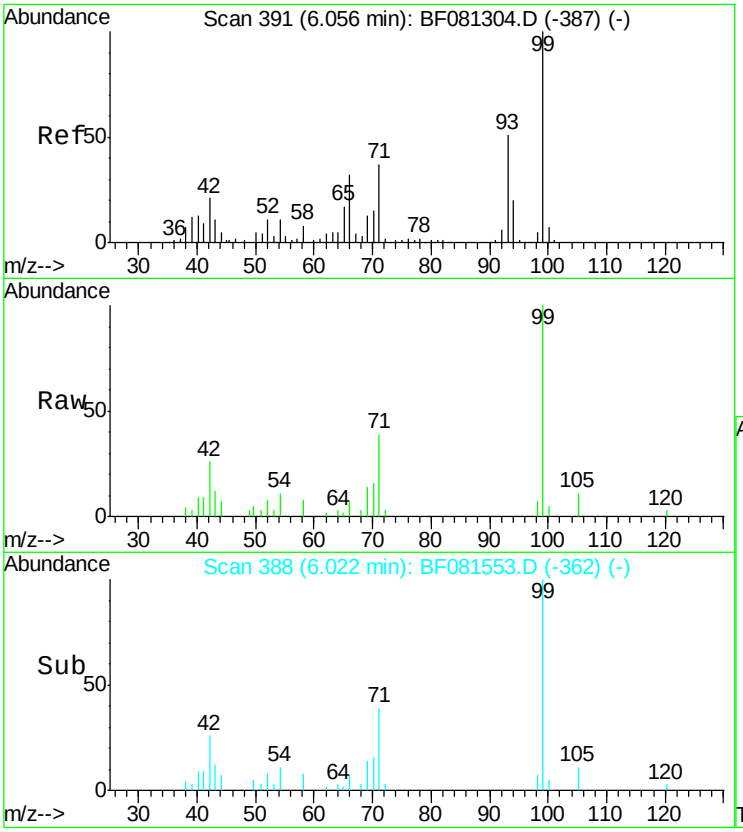


#5
2-Fluorophenol
Concen: 6.81 ng
RT: 4.89 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:112 Resp: 17774

Ion	Ratio	Lower	Upper
112	100		
64	71.8	39.7	59.5#
63	39.3	17.4	26.0#



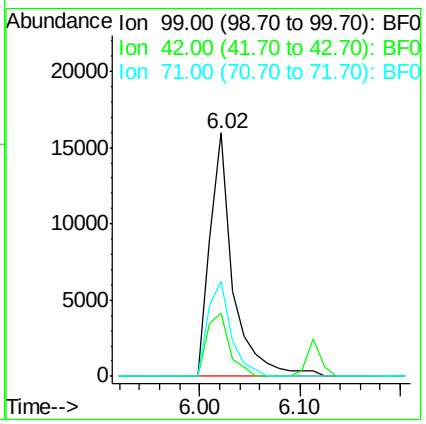


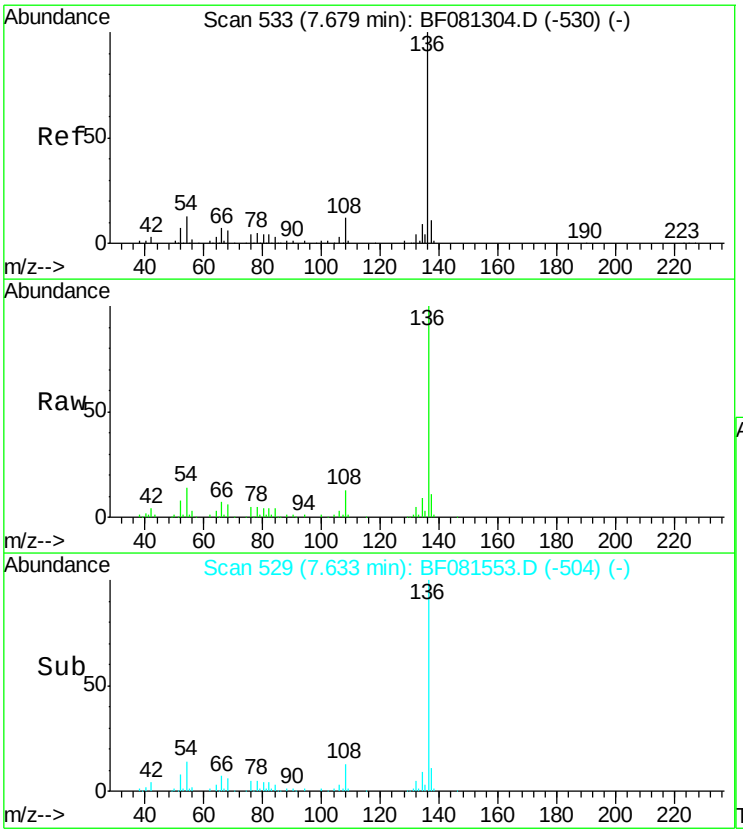
#7
Phenol-d6
Concen: 7.37 ng
RT: 6.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion: 99 Resp: 25442

Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.7	20.5#
71	39.3	14.2	21.2#

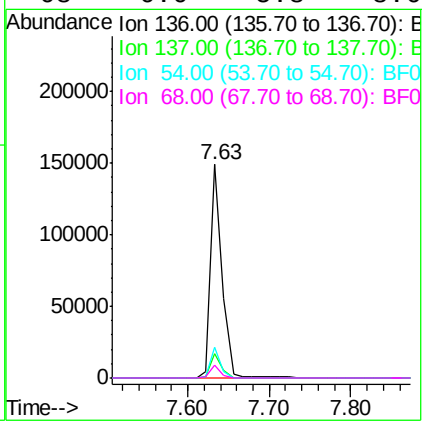


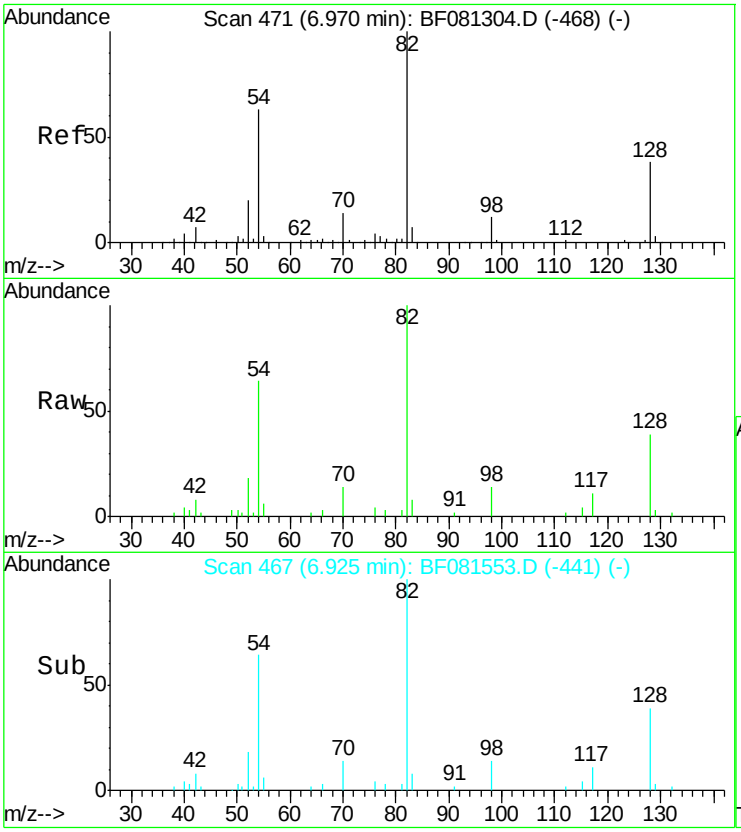


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:136 Resp: 147940

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	14.3	8.2	12.2#
68	6.0	5.8	8.6



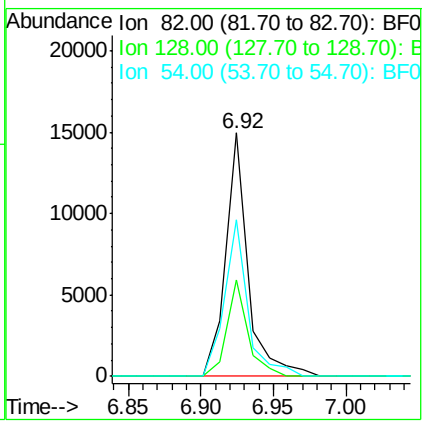


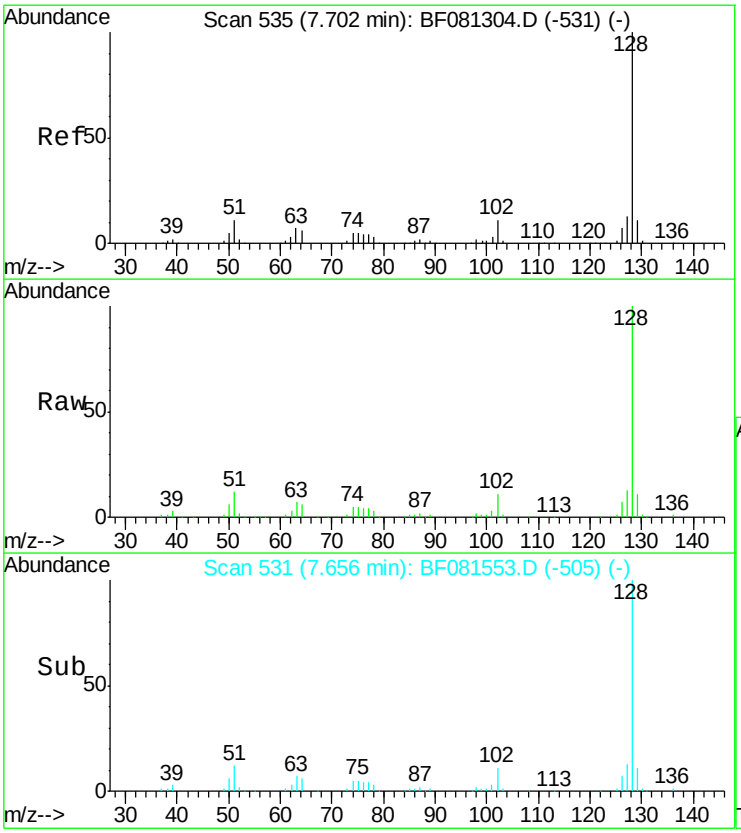
#23
Nitrobenzene-d5
Concen: 5.22 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion: 82 Resp: 16009

Ion	Ratio	Lower	Upper
82	100		
128	39.5	51.0	76.6#
54	64.2	47.5	71.3

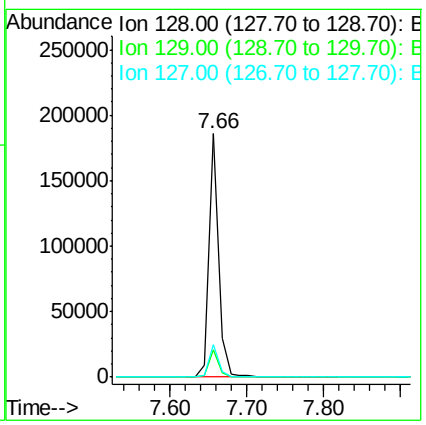


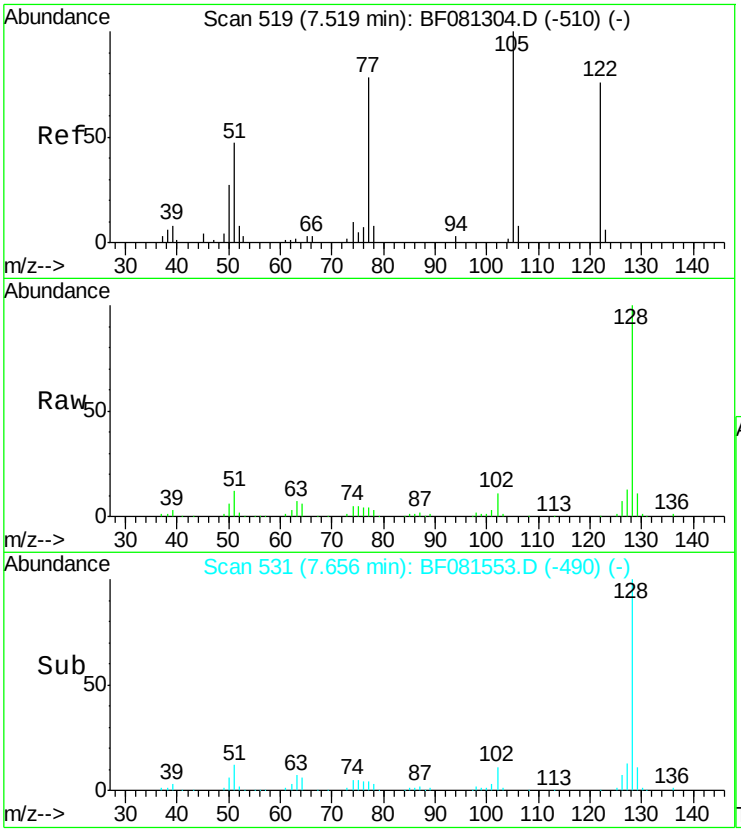


#31
Naphthalene
Concen: 20.17 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:128 Resp: 159136

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.1	9.9	14.9



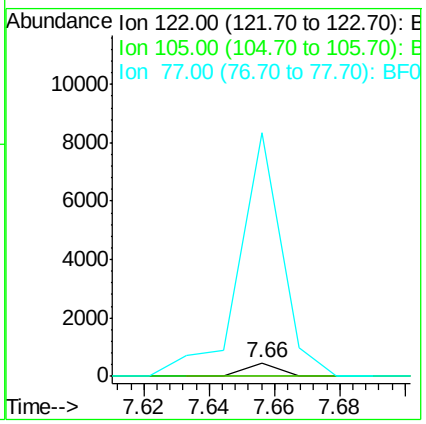


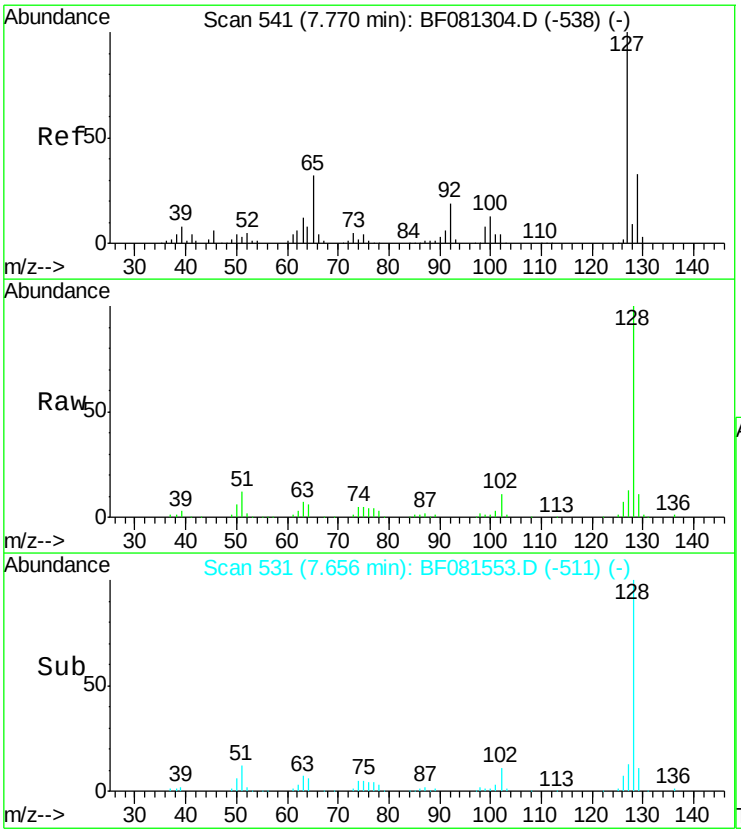
#32
Benzoic acid
Concen: 2.72 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.17 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:122 Resp: 319

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	1793.5	40.5	80.5#

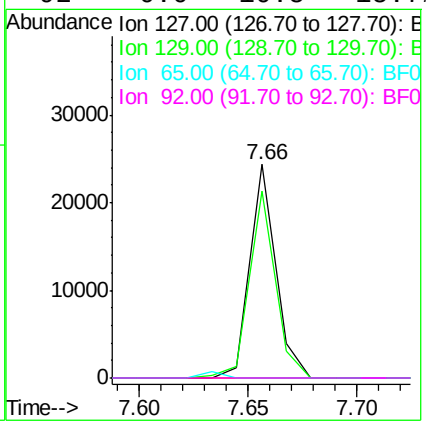


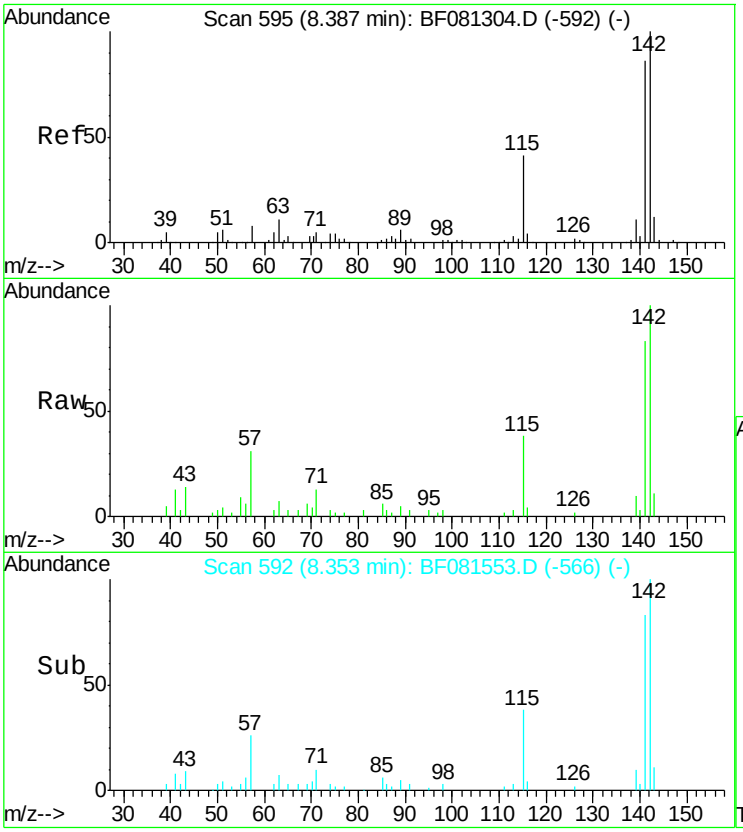


#33
4-Chloroaniline
Concen: 6.29 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:127 Resp: 20231

Ion	Ratio	Lower	Upper
127	100		
129	87.2	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



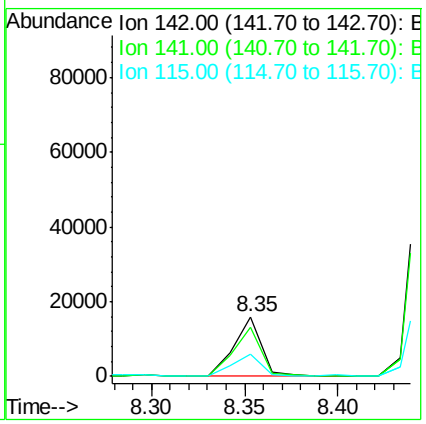


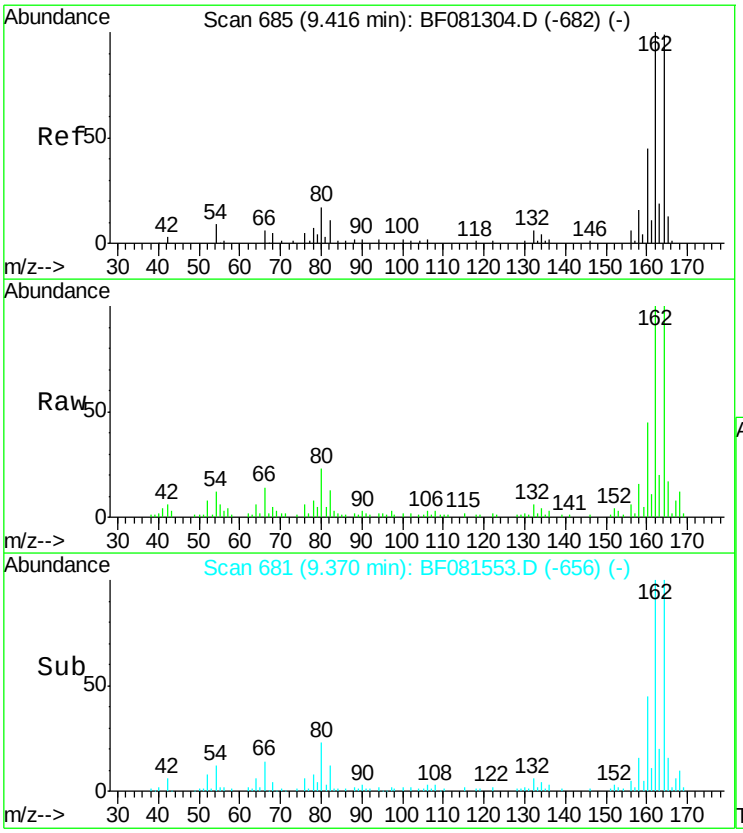
#37
2-Methylnaphthalene
Concen: 3.17 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:142 Resp: 16292

Ion	Ratio	Lower	Upper
142	100		
141	82.9	67.5	101.3
115	37.9	18.2	27.2#

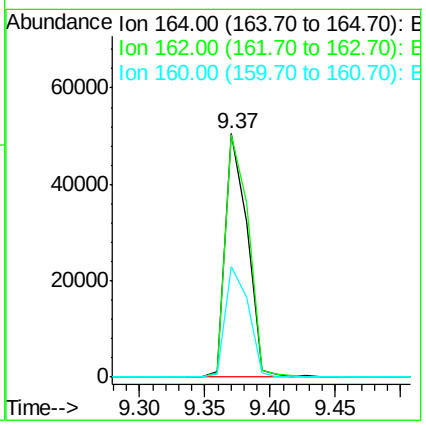


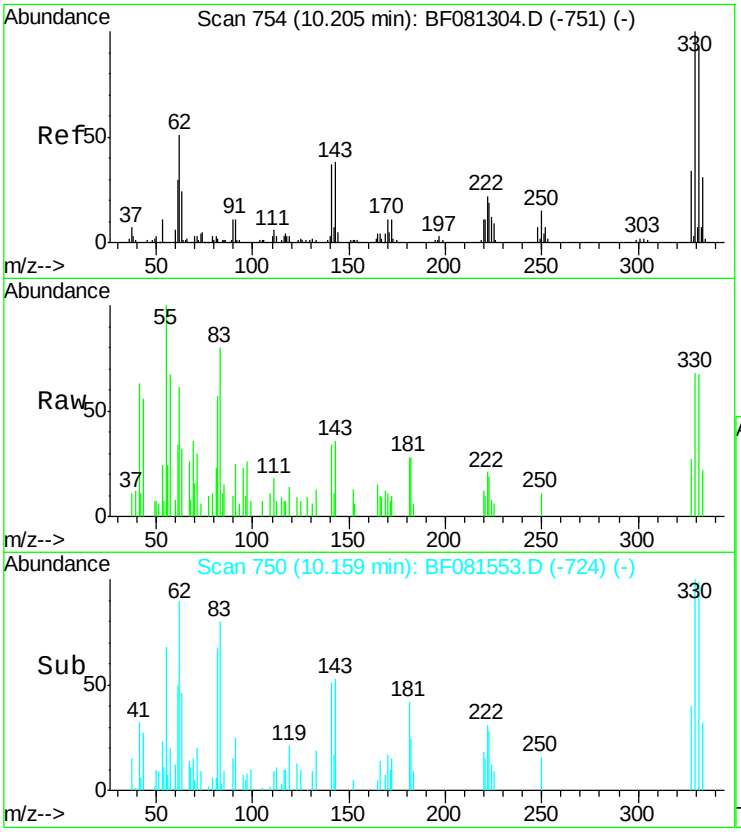


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:164 Resp: 59175

Ion	Ratio	Lower	Upper
164	100		
162	99.8	75.2	112.8
160	45.4	31.5	47.3



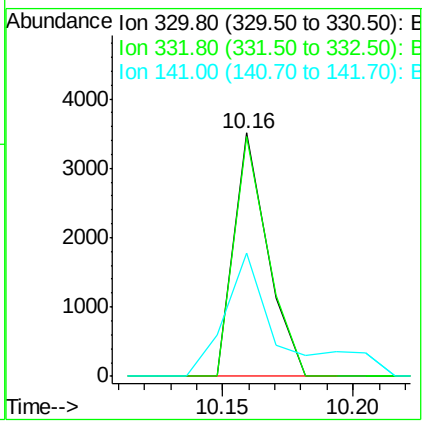


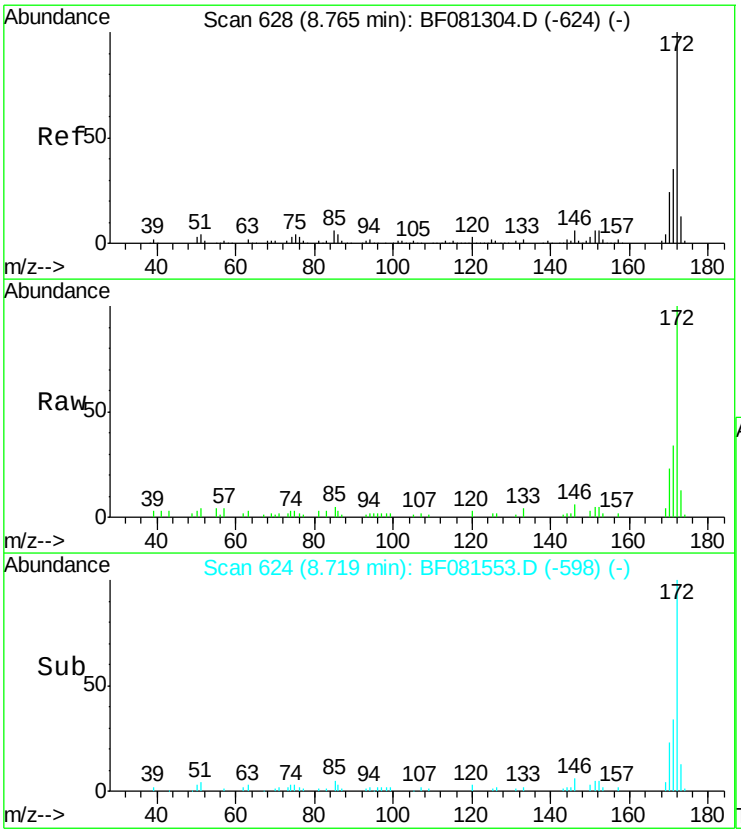
#41
2,4,6-Tribromophenol
Concen: 6.04 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:330 Resp: 3184

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	114.8
141	82.3	29.7	44.5#

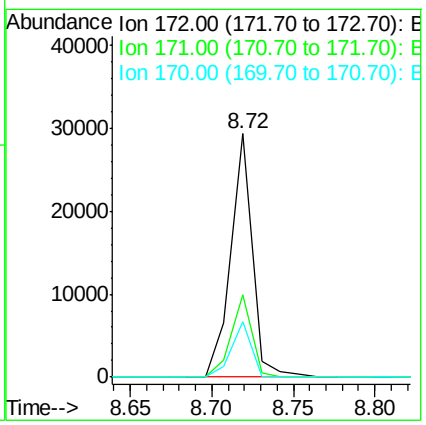


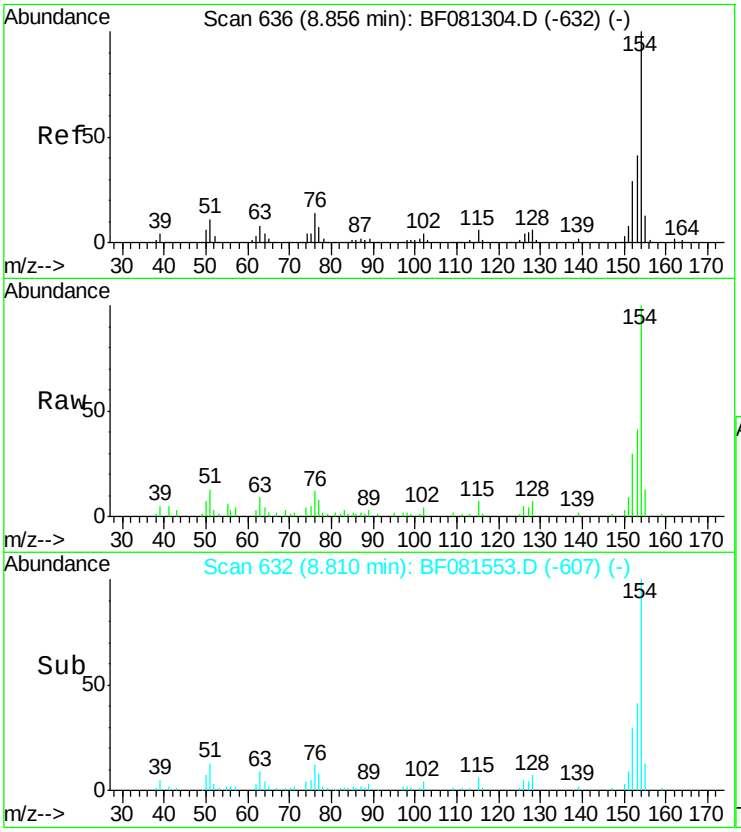


#44
2-Fluorobiphenyl
Concen: 5.74 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:172 Resp: 26516

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.1	39.1
170	23.0	17.4	26.2



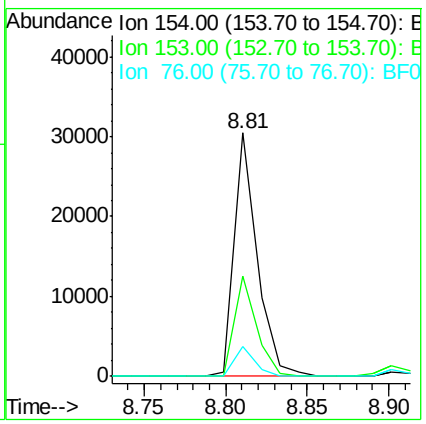


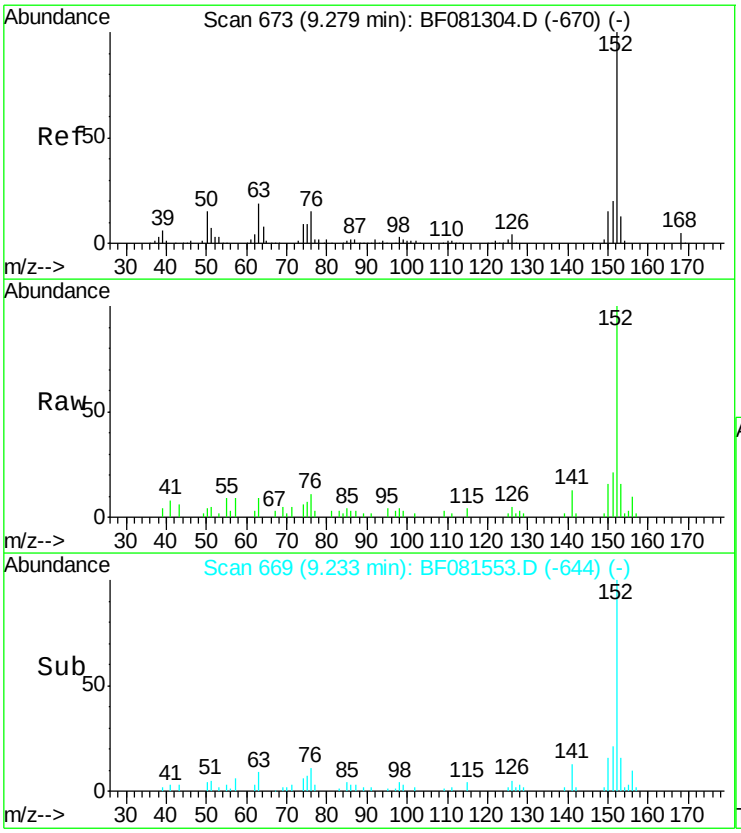
#45
1,1'-Biphenyl
Concen: 5.37 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:154 Resp: 29253

Ion	Ratio	Lower	Upper
154	100		
153	41.0	17.1	57.1
76	12.5	0.0	31.6

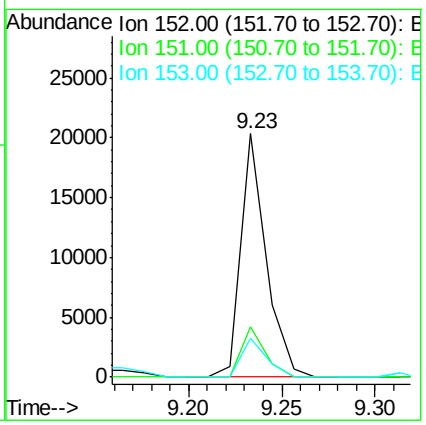


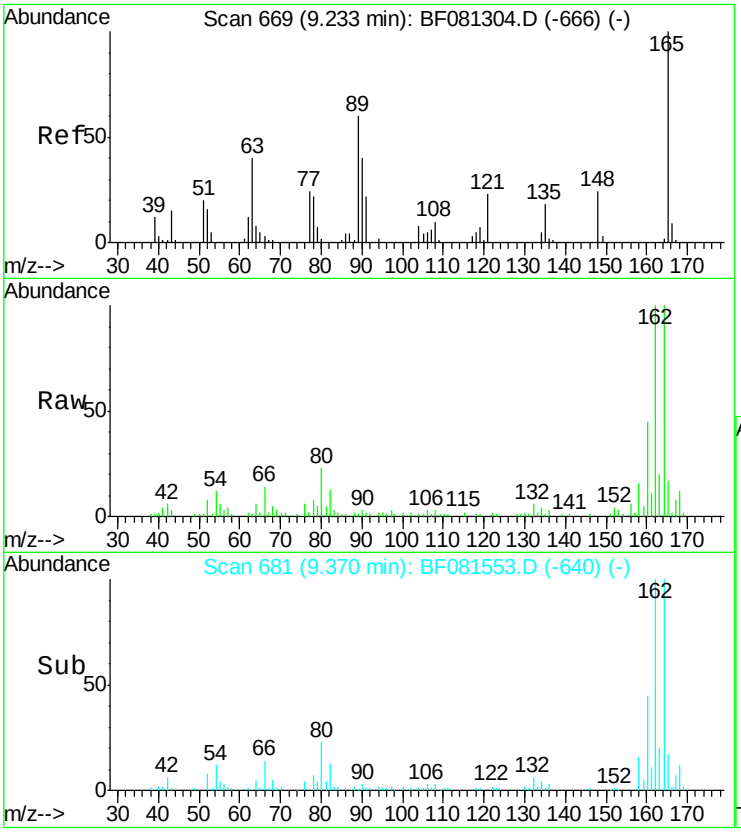


#48
Acenaphthylene
Concen: 2.75 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:152 Resp: 19169

Ion	Ratio	Lower	Upper
152	100		
151	20.7	14.6	22.0
153	15.8	10.3	15.5#



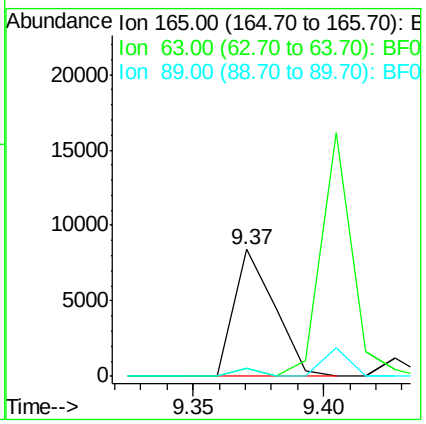


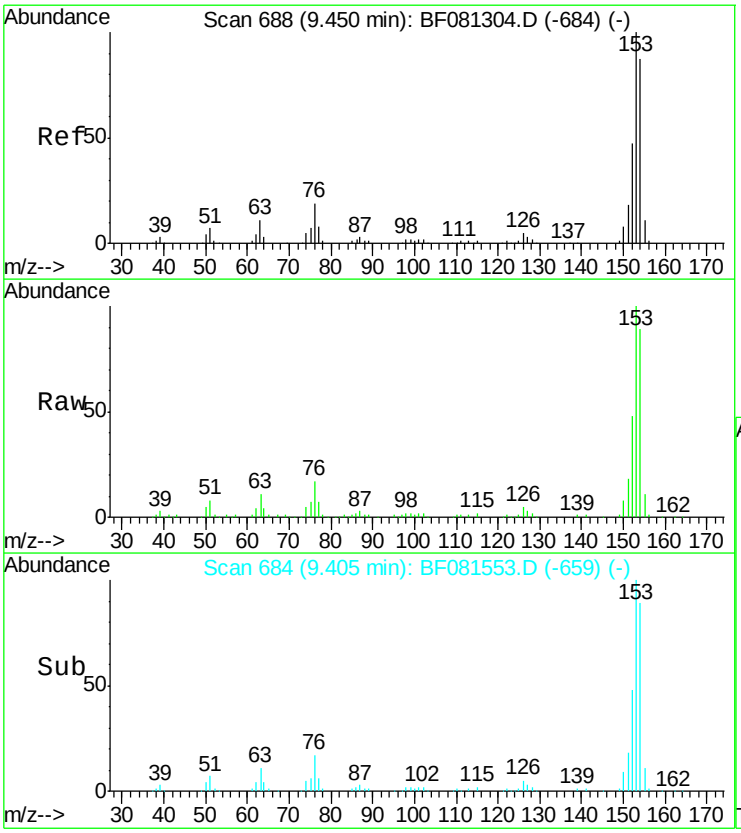
#50
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.17 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:165 Resp: 9105

Ion	Ratio	Lower	Upper
165	100		
63	6.3	32.3	48.5#
89	6.1	28.6	43.0#

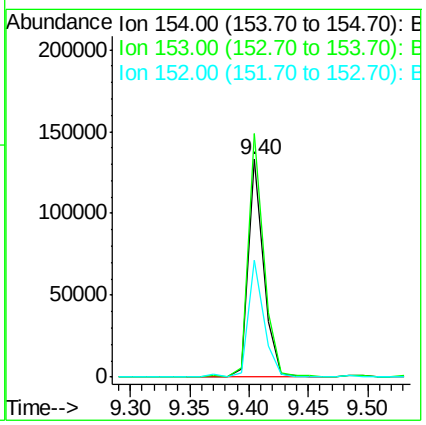


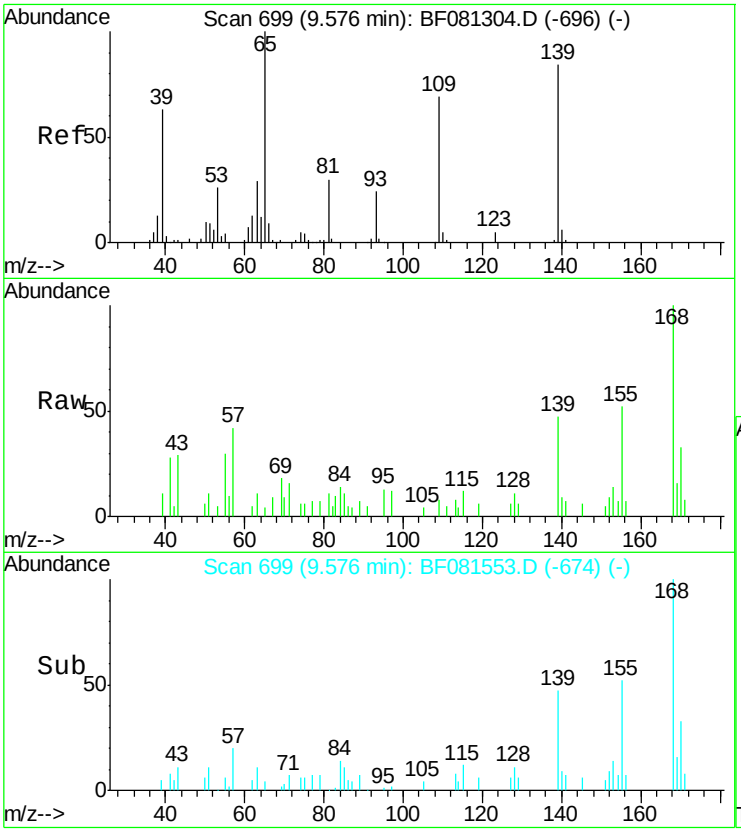


#51
Acenaphthene
Concen: 30.42 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:154 Resp: 120685

Ion	Ratio	Lower	Upper
154	100		
153	112.0	82.1	123.1
152	53.6	37.9	56.9



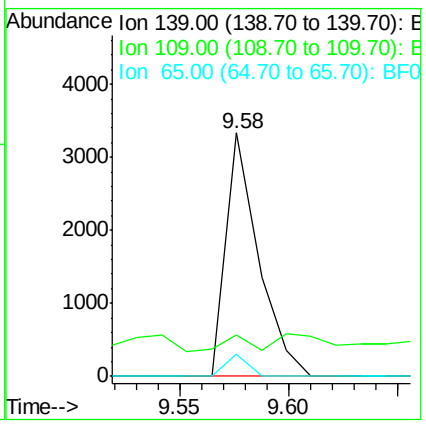


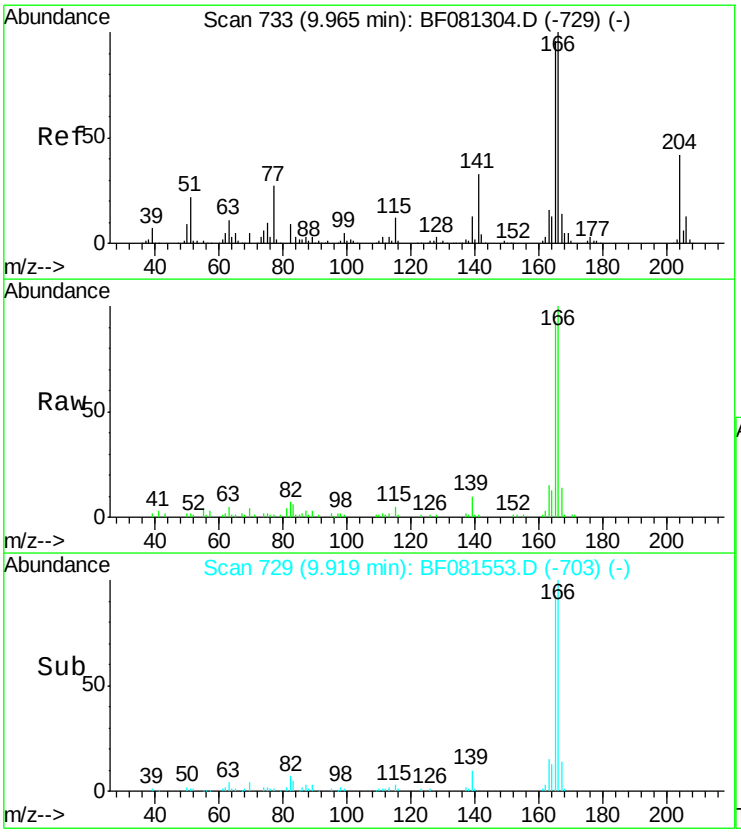
#55
4-Nitrophenol
Concen: 4.64 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:139 Resp: 3465

Ion	Ratio	Lower	Upper
139	100		
109	17.1	12.7	52.7
65	9.2	45.9	85.9#

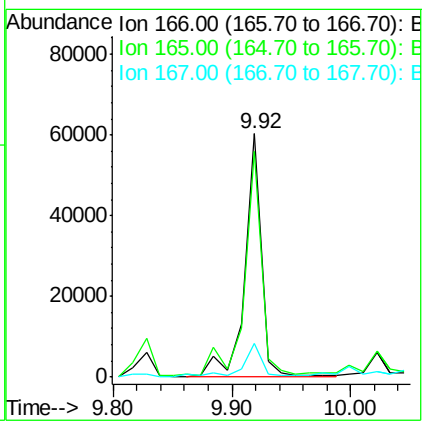


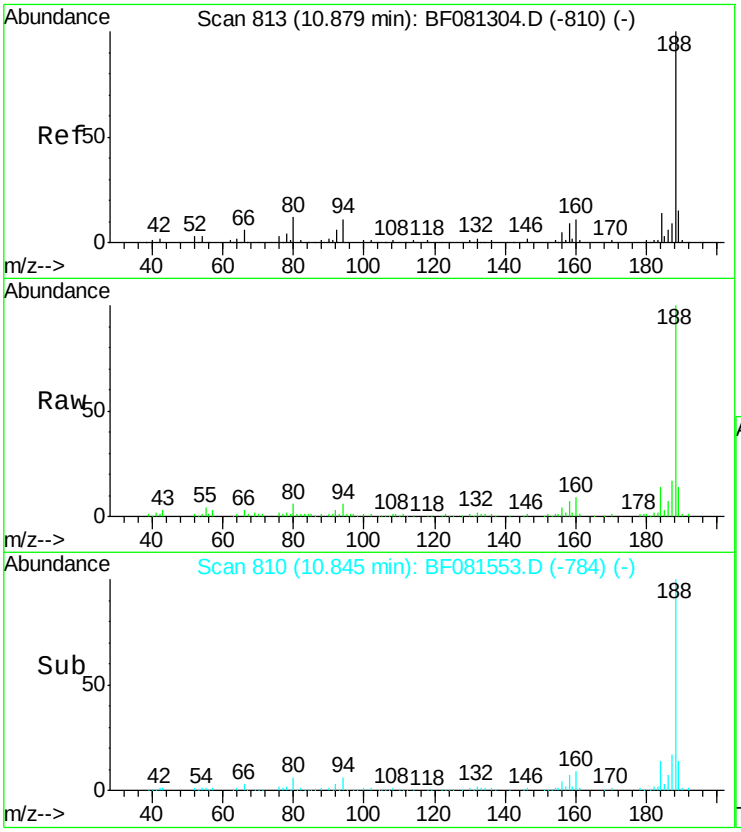


#57
Fluorene
Concen: 13.65 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:166 Resp: 59998

Ion	Ratio	Lower	Upper
166	100		
165	92.9	72.6	109.0
167	13.8	10.6	16.0



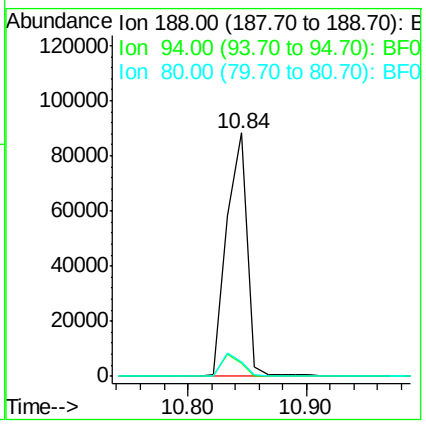


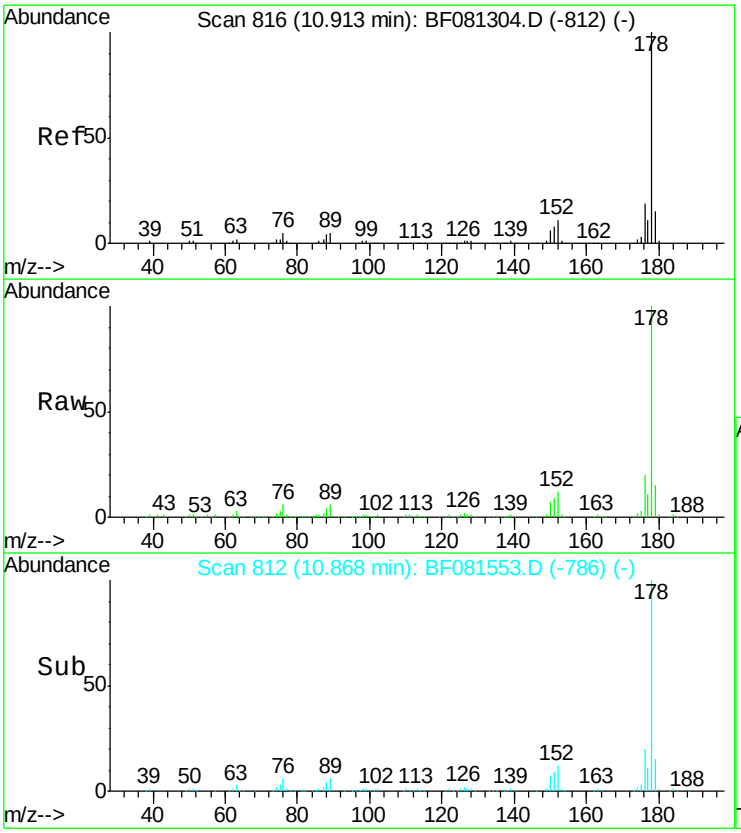
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:188 Resp: 104788

Ion	Ratio	Lower	Upper
188	100		
94	5.6	11.1	16.7#
80	5.8	11.0	16.4#

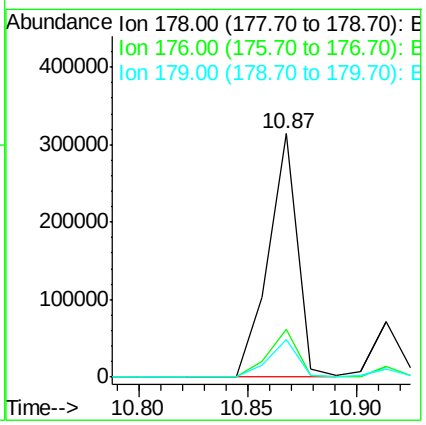


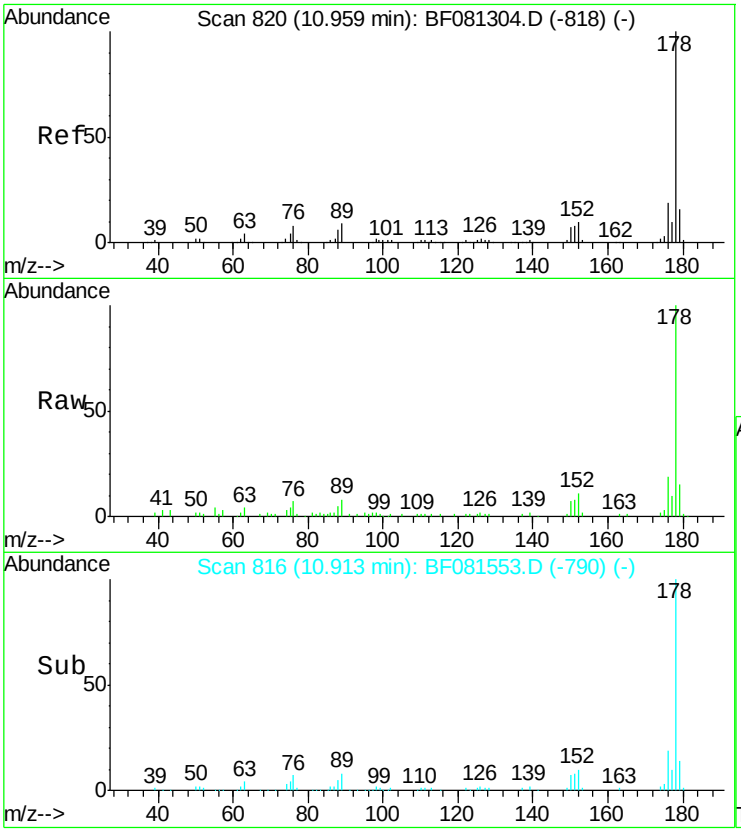


#70
Phenanthrene
Concen: 50.61 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:178 Resp: 294849

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.5	12.2	18.2



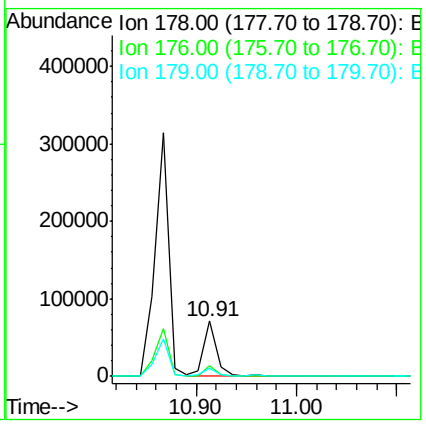


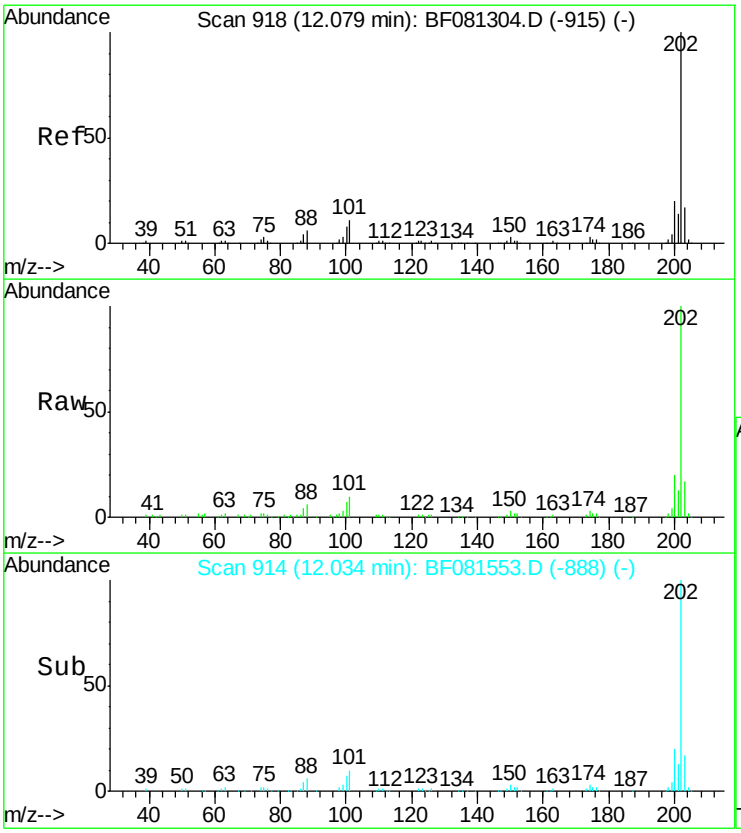
#71
Anthracene
Concen: 11.01 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:178 Resp: 65901

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	14.9	12.2	18.2

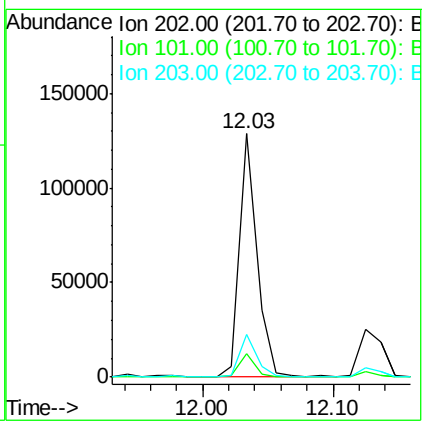


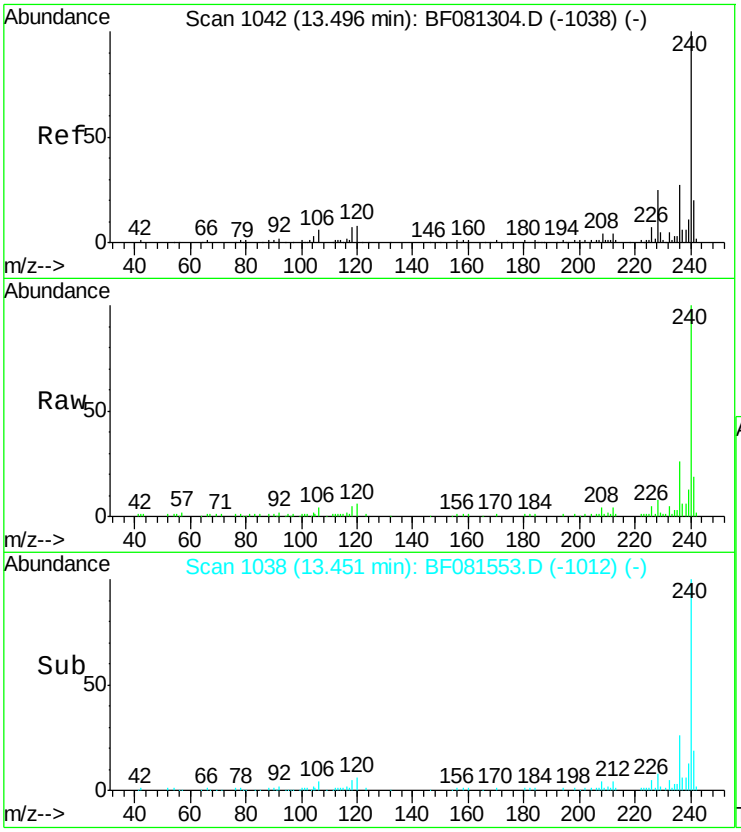


#74
Fluoranthene
Concen: 18.68 ng
RT: 12.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:202 Resp: 117830

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	38.3
203	17.3	0.0	37.3



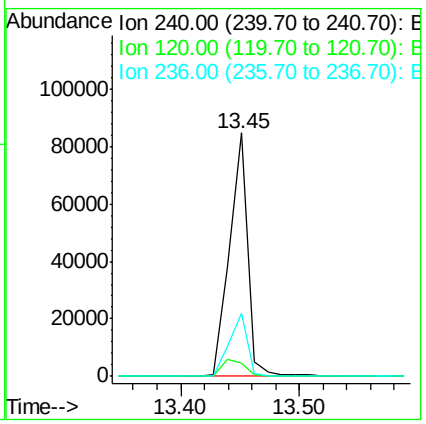


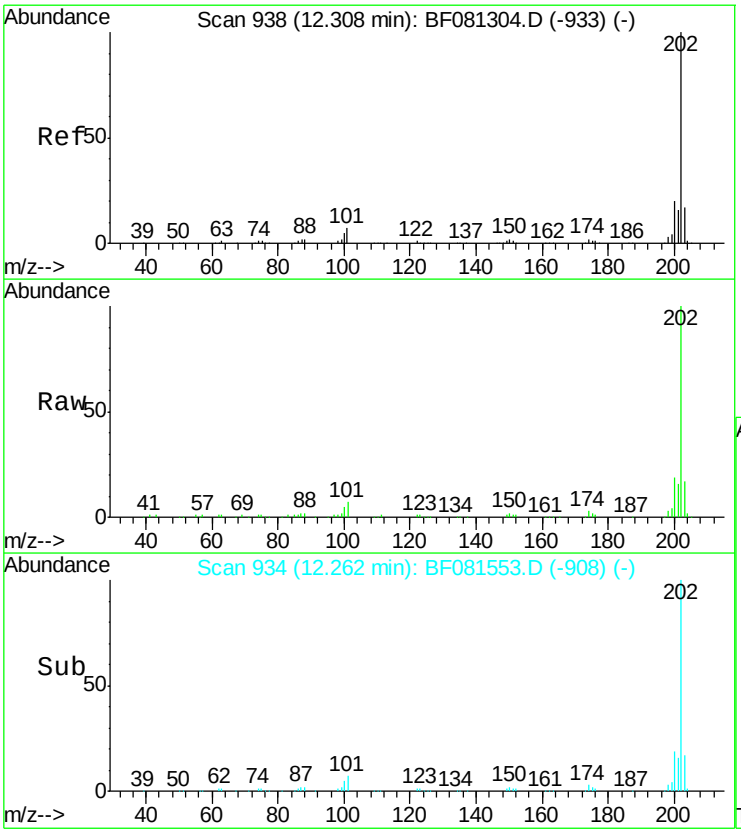
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:240 Resp: 89896

Ion	Ratio	Lower	Upper
240	100		
120	5.7	16.2	24.2#
236	26.0	18.4	27.6

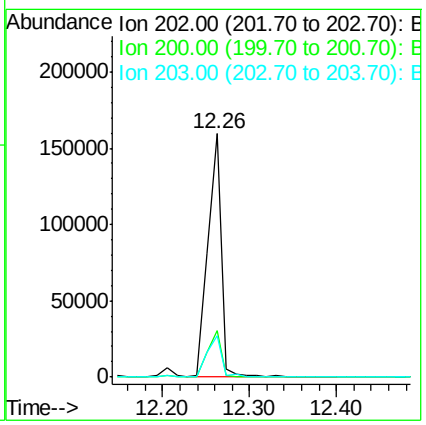


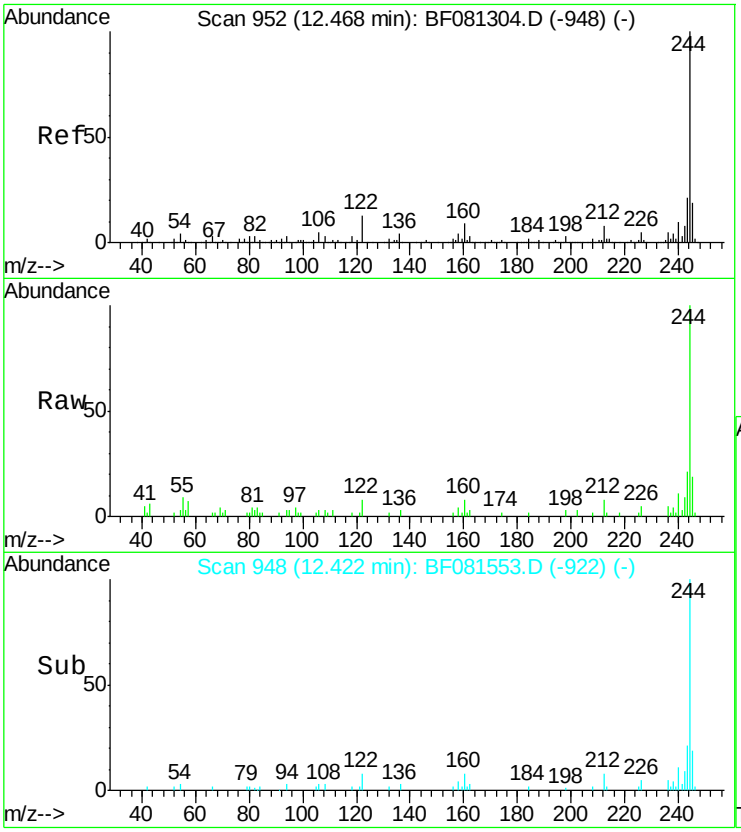


#77
Pyrene
Concen: 25.74 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:202 Resp: 171383

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.0	22.4
203	16.8	14.1	21.1



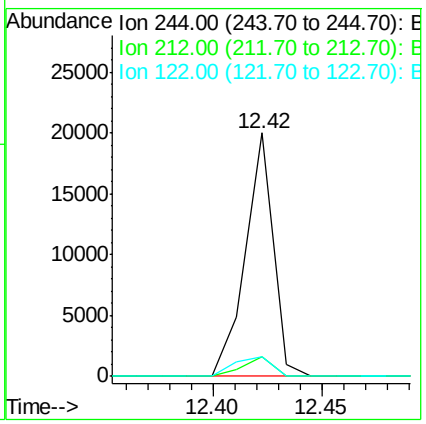


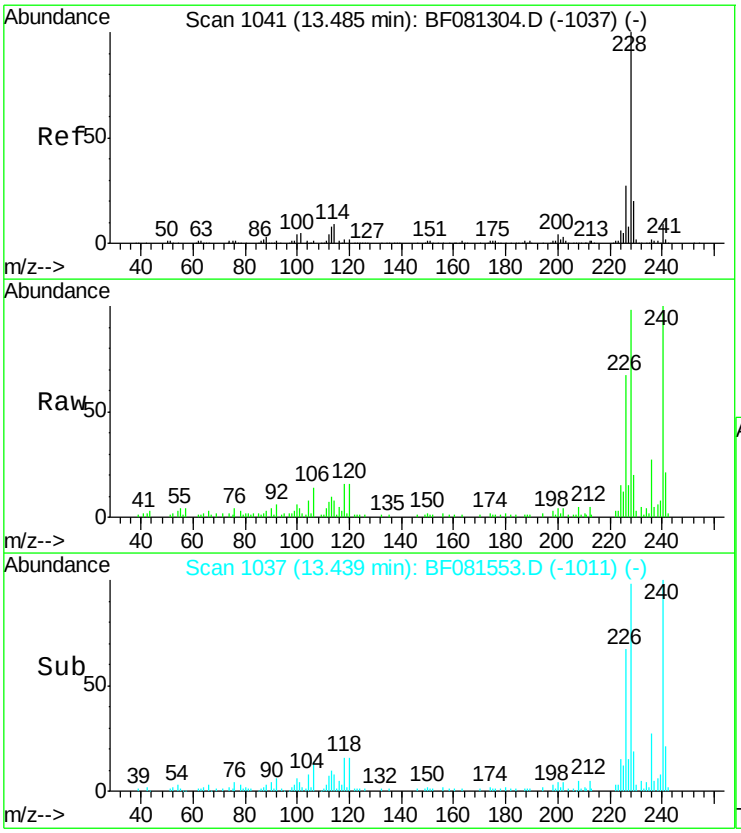
#78
Terphenyl-d14
Concen: 4.59 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:244 Resp: 17742

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	8.0	17.4	26.2#

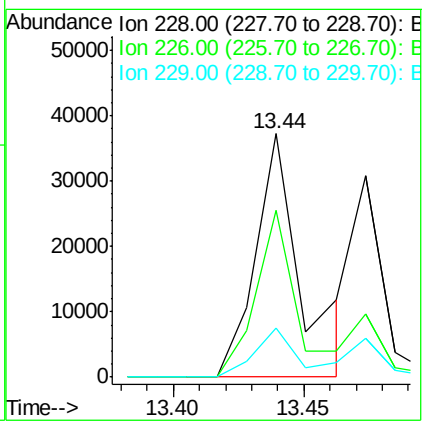


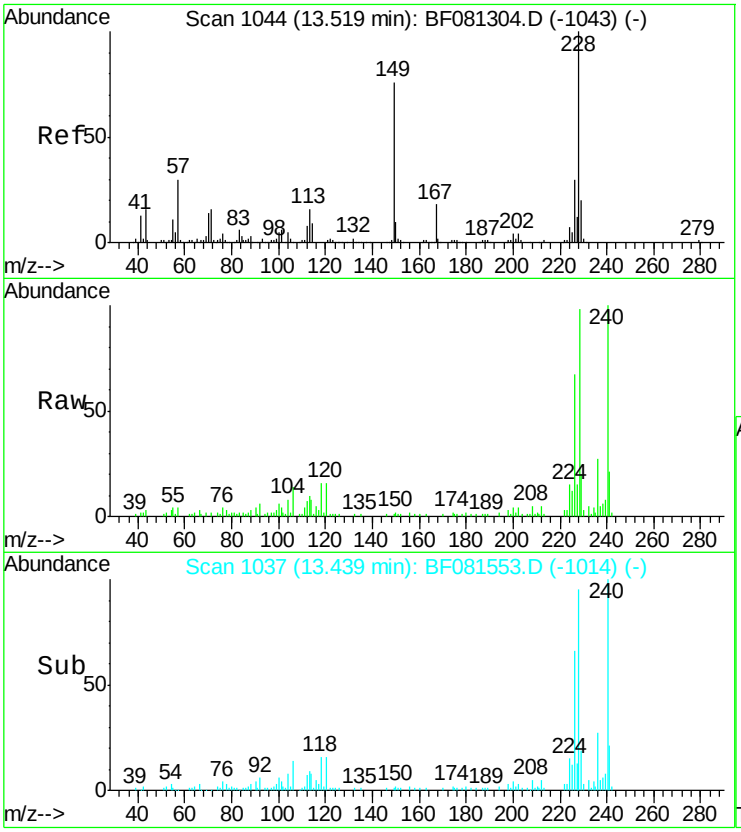


#80
Benzo(a)anthracene
Concen: 7.96 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:228 Resp: 45585

Ion	Ratio	Lower	Upper
228	100		
226	68.5	20.0	30.0#
229	20.1	15.4	23.2



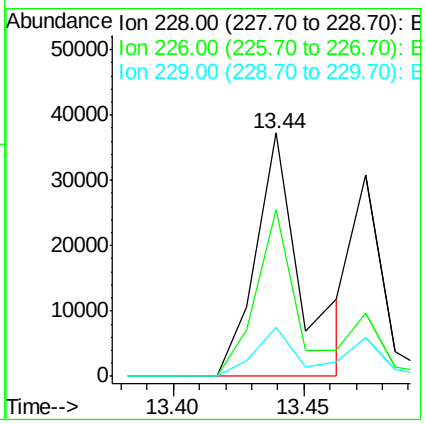


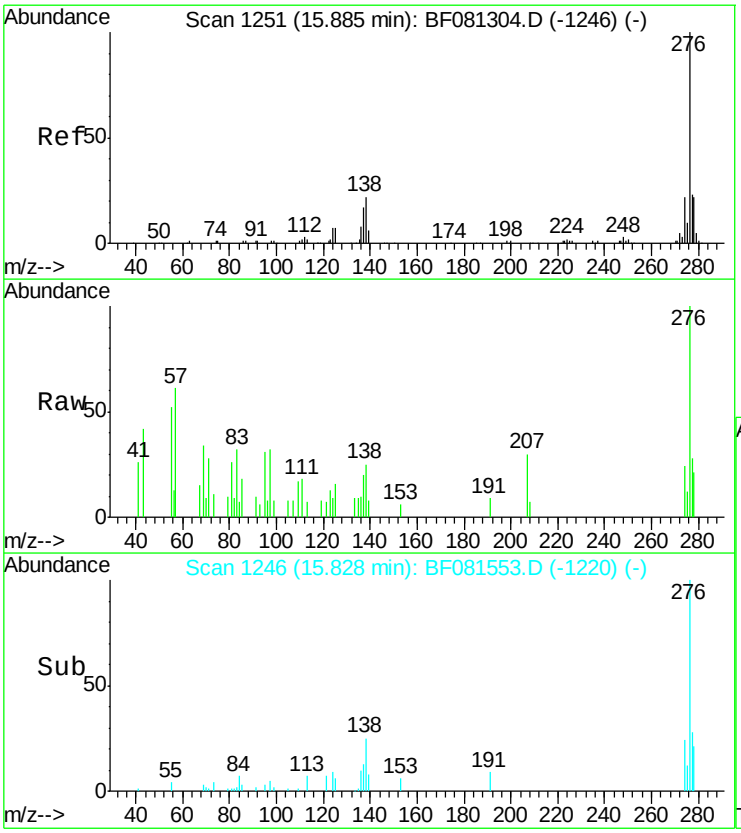
#82
Chrysene
Concen: 8.88 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:228 Resp: 45585

Ion	Ratio	Lower	Upper
228	100		
226	68.5	21.0	31.4#
229	20.1	15.6	23.4

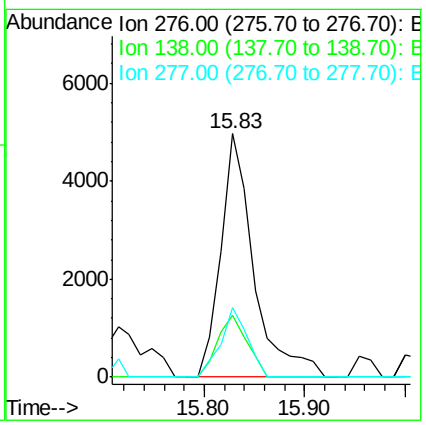


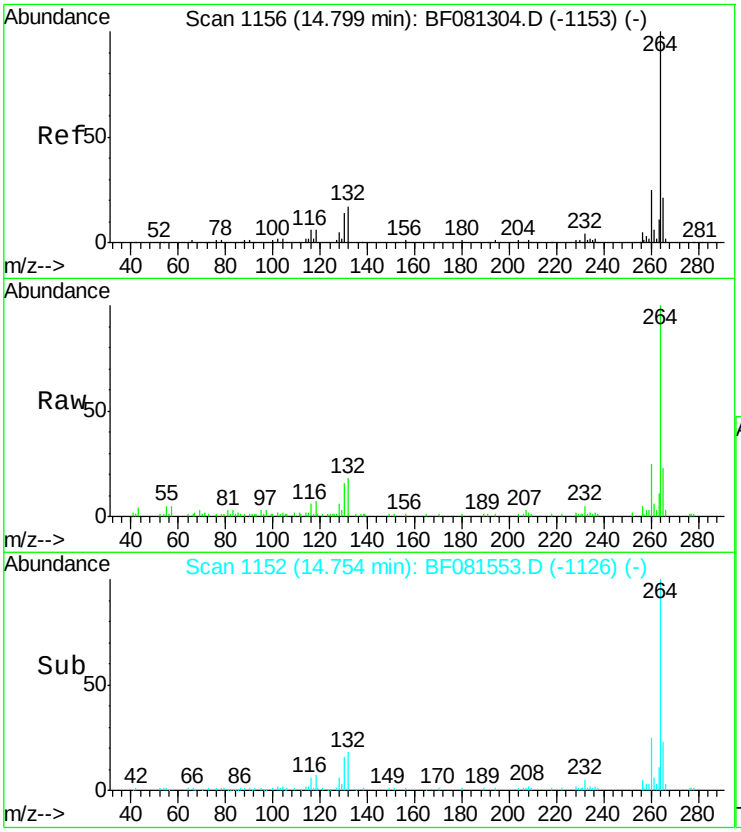


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 15.83 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:276 Resp: 11301

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.7	38.5#
277	23.2	15.6	23.4



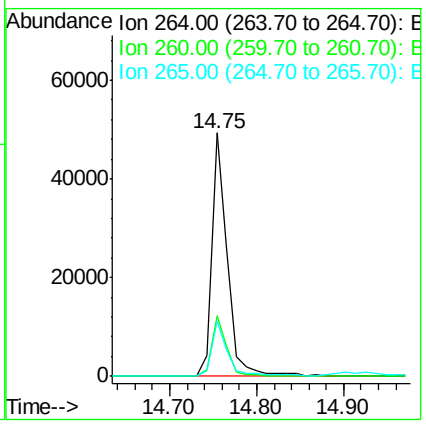


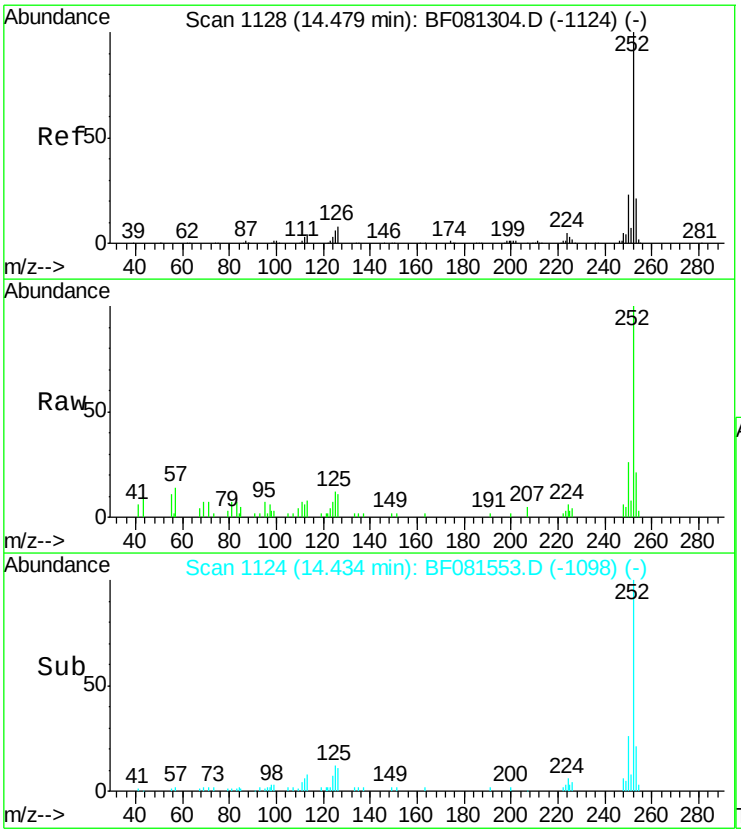
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:264 Resp: 61662

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	23.0	17.2	25.8

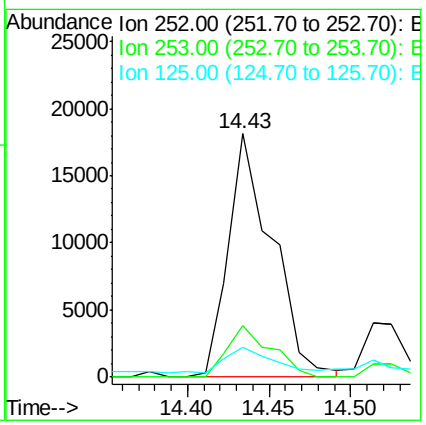


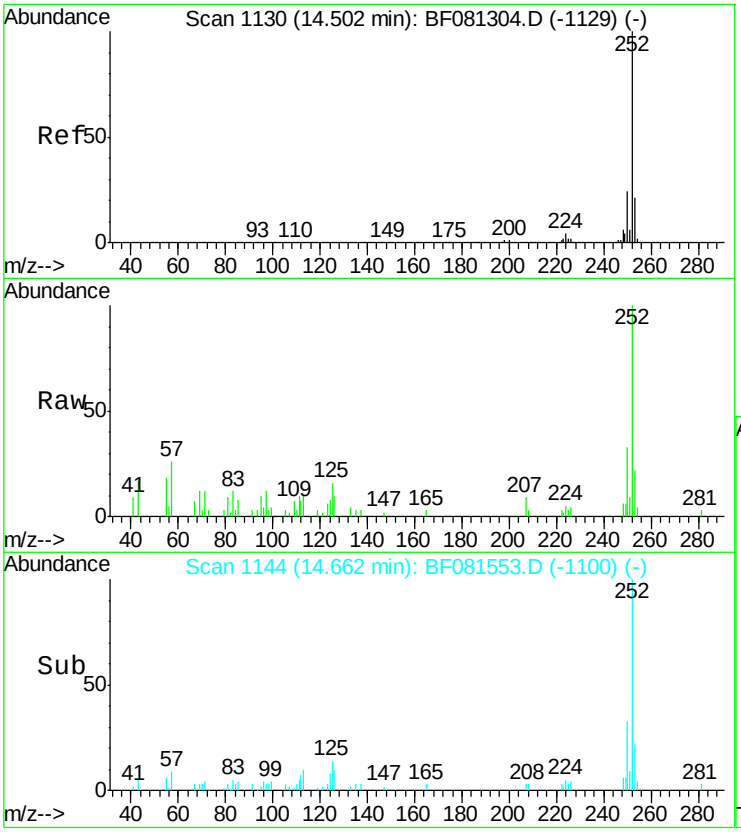


#87
Benzo(b)fluoranthene
Concen: 7.67 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:252 Resp: 33778

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.0	17.1	25.7#



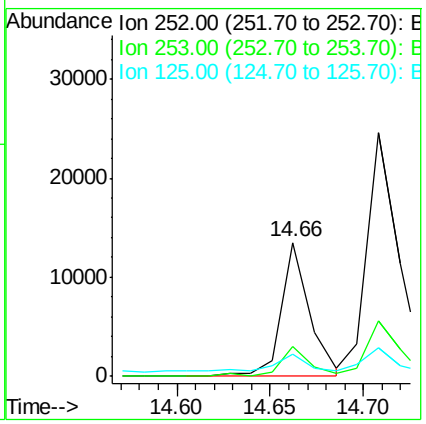


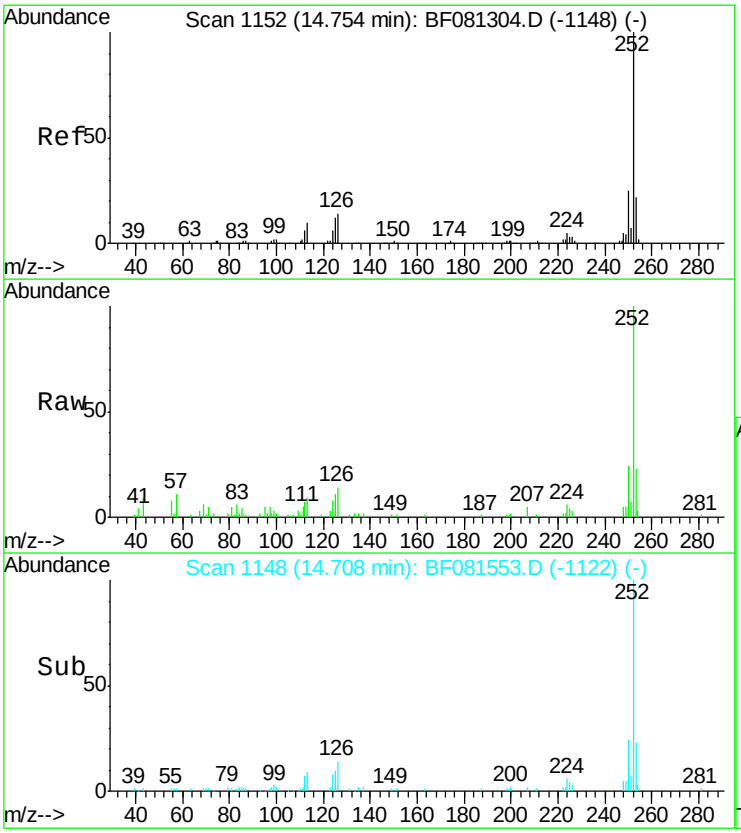
#88
Benzo(k)fluoranthene
Concen: 3.95 ng
RT: 14.66 min Scan# 1144
Delta R.T. 0.21 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:252 Resp: 14440

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	16.5	16.0	24.0

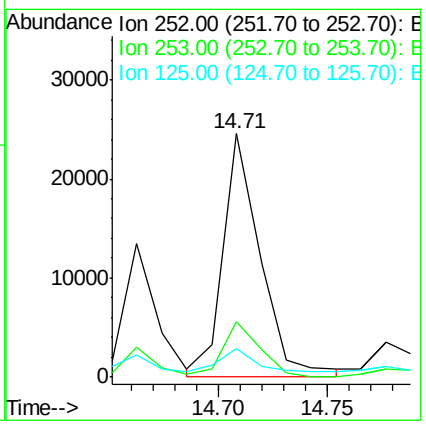


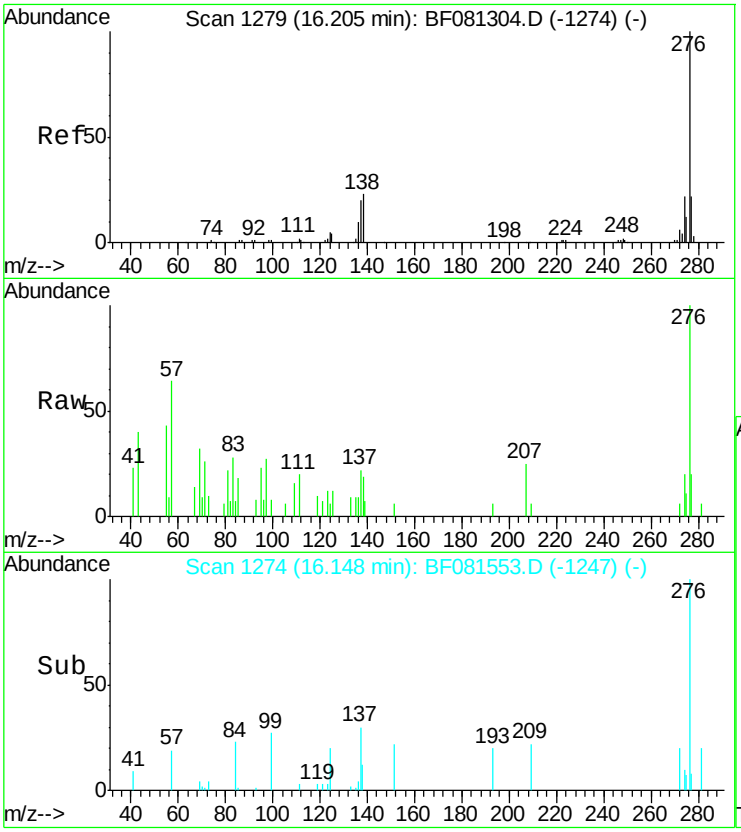


#89
Benzo(a)pyrene
Concen: 7.87 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Tgt Ion:252 Resp: 29370

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.5	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 5.33 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 9:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2DL

Tgt Ion:276 Resp: 14653

Ion	Ratio	Lower	Upper
276	100		
277	20.3	17.8	26.6
138	18.8	34.6	51.8#