Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096811.D
Acq On : 17 Jul 2017 11:28
Operator : SJ/JU
Sample : I4172-14RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-05-WSW

Quant Time: Jul 17 12:19:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	90047	20.00	ng		-0.02
21) Naphthalene-d8	7.89	136	372351	20.00	ng		-0.03
38) Acenaphthene-d10	9.63	164	171952	20.00	ng		-0.04
63) Phenanthrene-d10	11.11	188	309241	20.00	ng		-0.04
75) Chrysene-d12	13.73	240	216827	20.00	ng		-0.04
86) Perylene-d12	15.10	264	151362	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	98060	16.37	ng		-0.03
7) Phenol-d6	6.25	99	120590	16.78	ng		-0.03
23) Nitrobenzene-d5	7.16	82	65144	10.84	ng		-0.04
41) 2,4,6-Tribromophenol	10.42	330	19981	13.61	ng		-0.04
44) 2-Fluorobiphenyl	8.96	172	123107	11.31	ng		-0.04
78) Terphenyl-d14	12.69	244	112648	9.01	ng		-0.05
Target Compounds							Qvalue
25) Isophorone	7.16	82	64244	5.745	ng	#	67
50) 2,6-Dinitrotoluene	9.63	165	22069	7.869	ng	#	31
51) Acenaphthene	9.67	154	22863	2.237	ng		94
55) 4-Nitrophenol	9.84	139	7040	2.901	ng	#	25
56) 2,4-Dinitrotoluene	9.63	165	22069	6.124	ng	#	31
57) Fluorene	10.18	166	22127	2.091	ng		96
70) Phenanthrene	11.13	178	323194	19.221	ng		98
71) Anthracene	11.19	178	53609	3.153	ng		99
74) Fluoranthene	12.32	202	341693	21.231	ng		98
77) Pyrene	12.54	202	305013	15.500	ng		98
80) Benzo(a)anthracene	13.72	228	95632	7.079	ng		99
82) Chrysene	13.76	228	86561	6.508	ng		97
85) Indeno(1,2,3-cd)pyrene	16.39	276	36430	6.170	ng		97
87) Benzo(b)fluoranthene	14.73	252	99603	10.911	ng		97
88) Benzo(k)fluoranthene	14.99	252	34574	4.000	ng		96
89) Benzo(a)pyrene	15.04	252	56218	6.714	ng		97
91) Benzo(g,h,i)perylene	16.77	276	35134	4.259	ng		90

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096811.D
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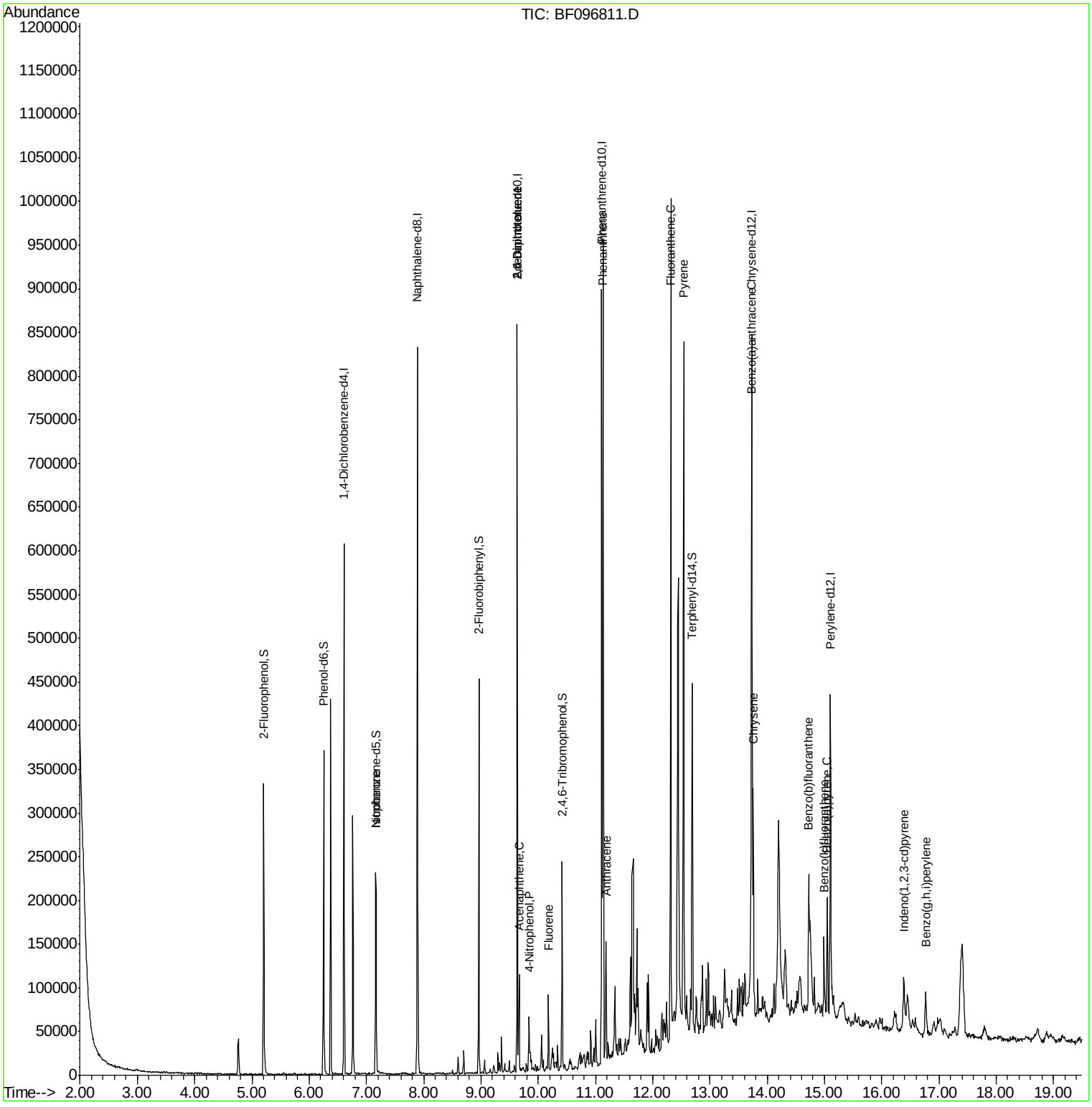
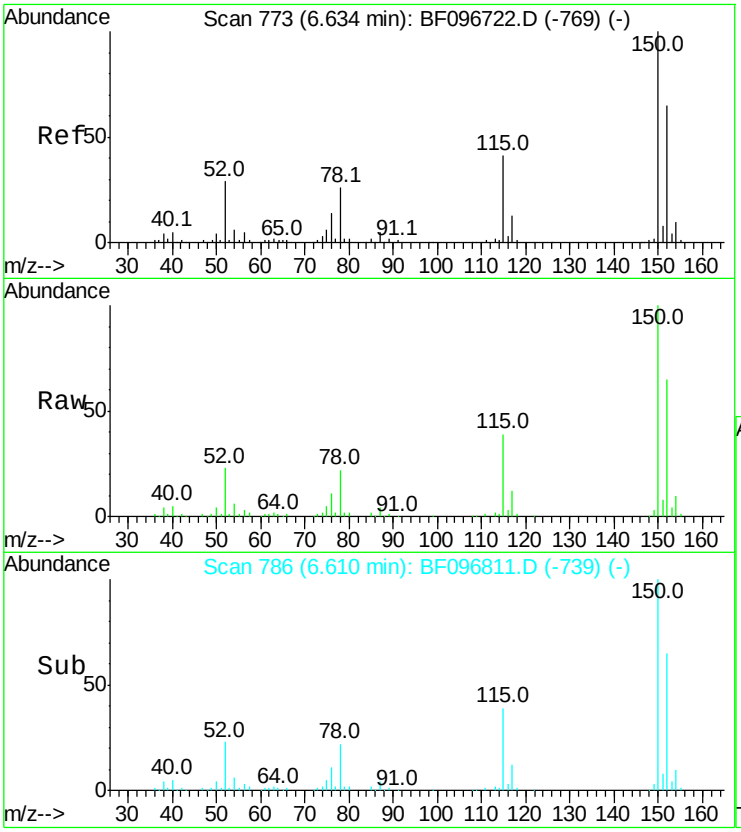


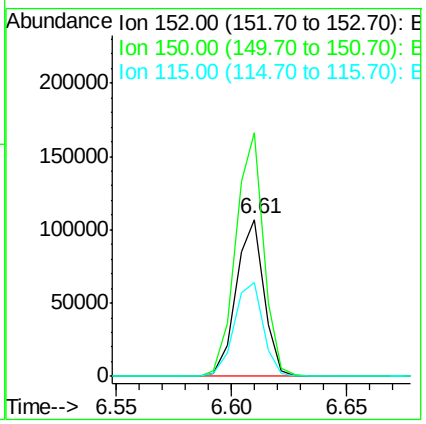


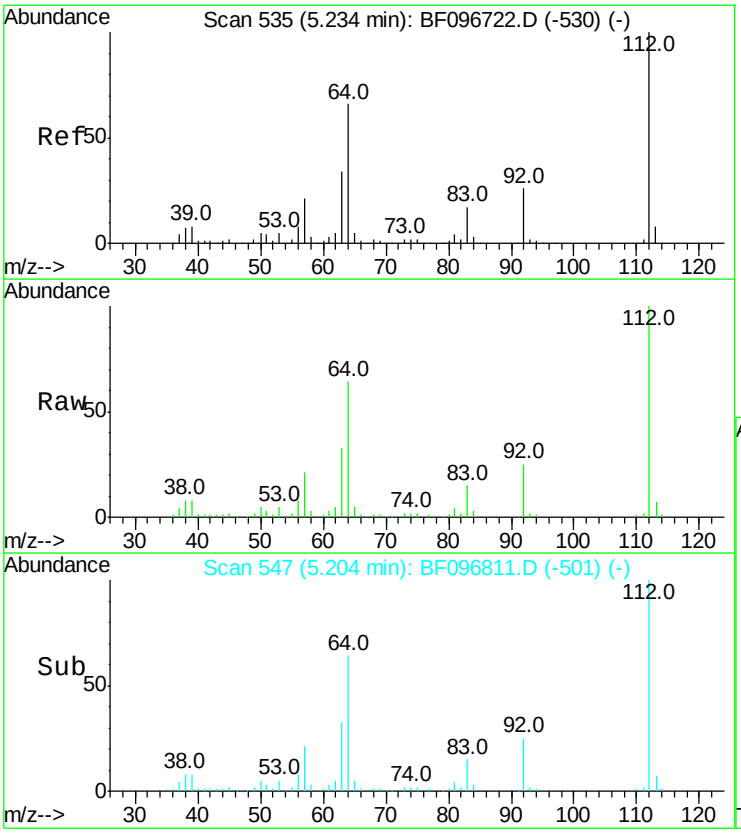
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:152 Resp: 90047

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	59.8	52.2	78.2

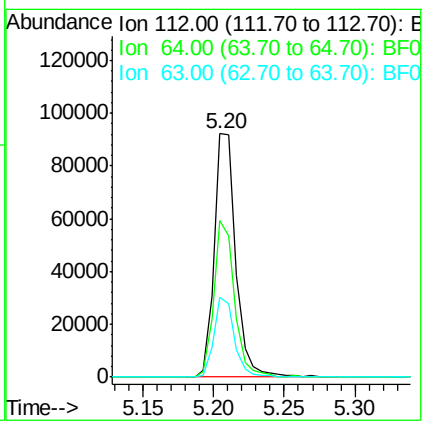


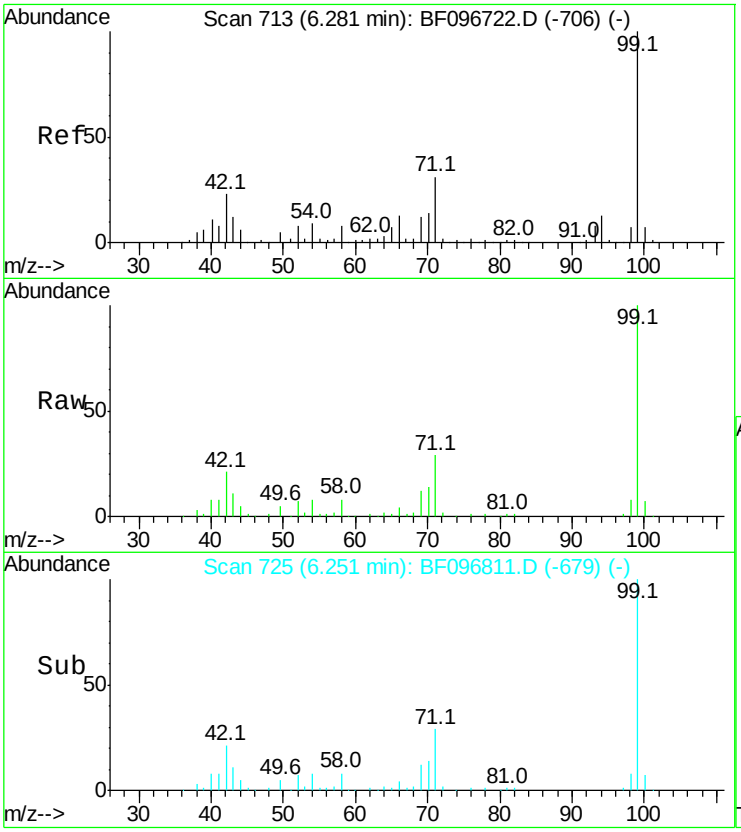


#5
2-Fluorophenol
Concen: 16.374 ng
RT: 5.20 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:112 Resp: 98060

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	33.0	23.4	35.0



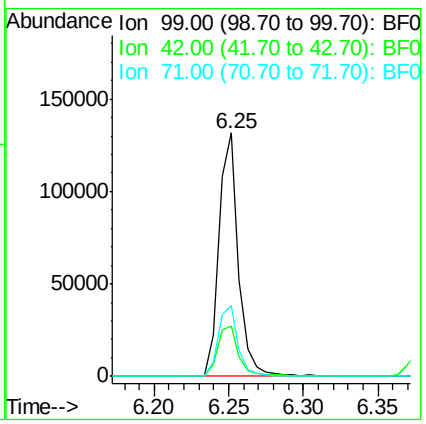


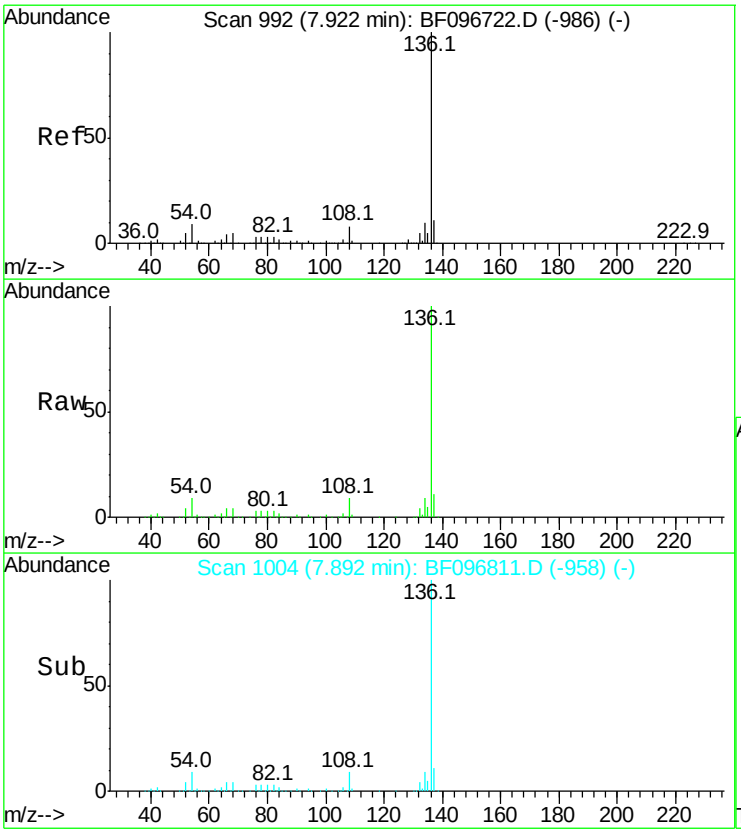
#7
Phenol-d6
Concen: 16.779 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion: 99 Resp: 120590

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.5	20.3#
71	29.0	24.5	36.7

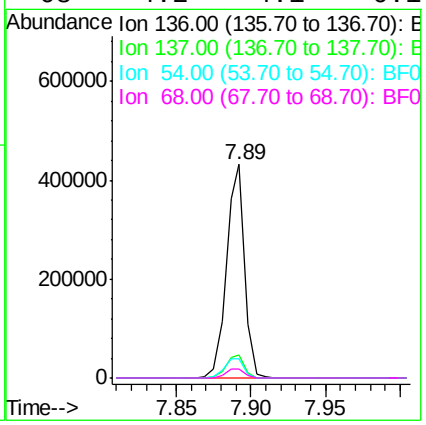


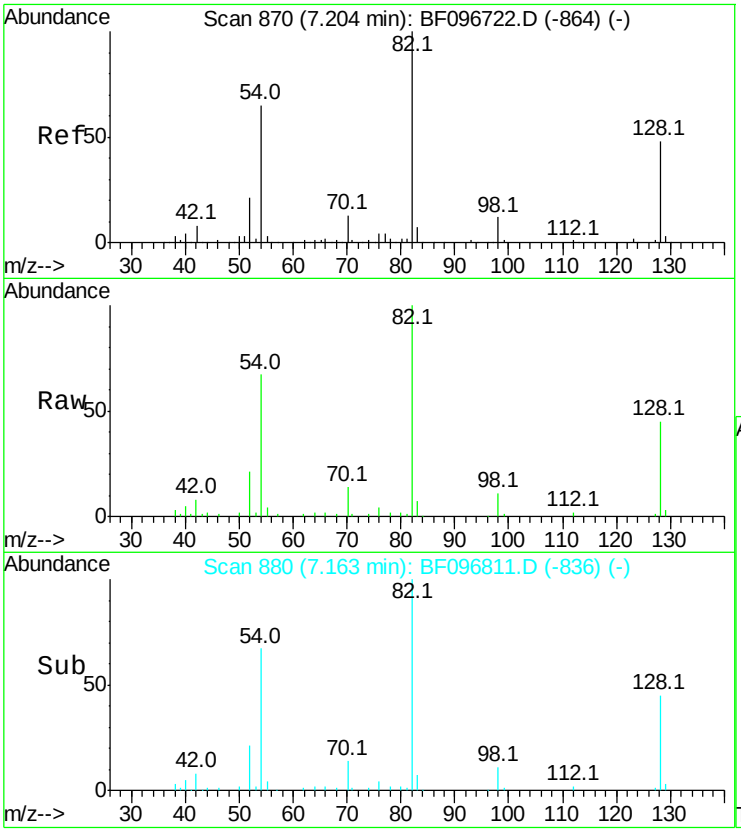


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:136 Resp: 372351

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.0	4.9	7.3#
68	4.2	4.1	6.1



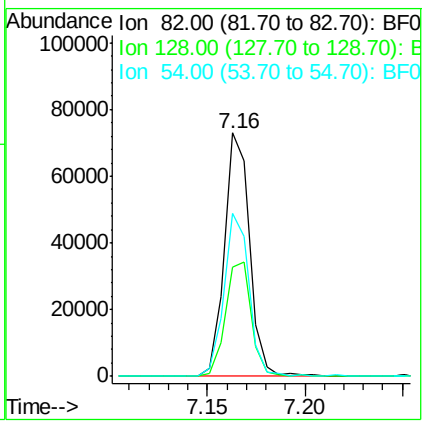


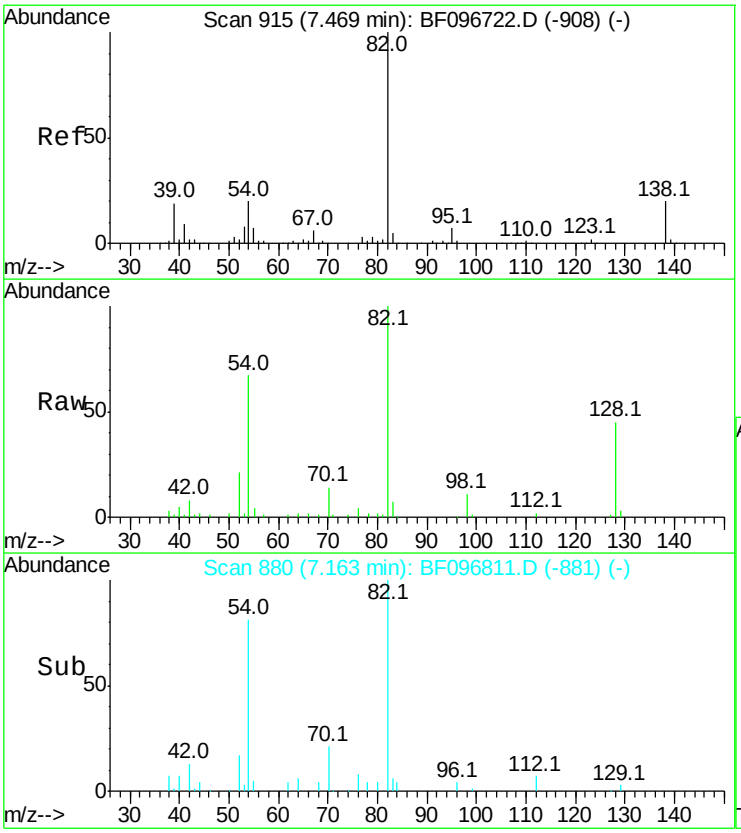
#23
Nitrobenzene-d5
Concen: 10.837 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion: 82 Resp: 65144

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	66.7	42.2	63.2#

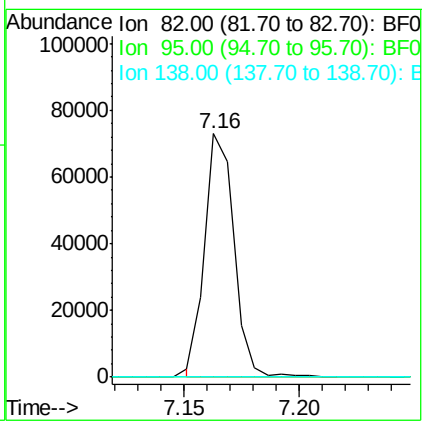


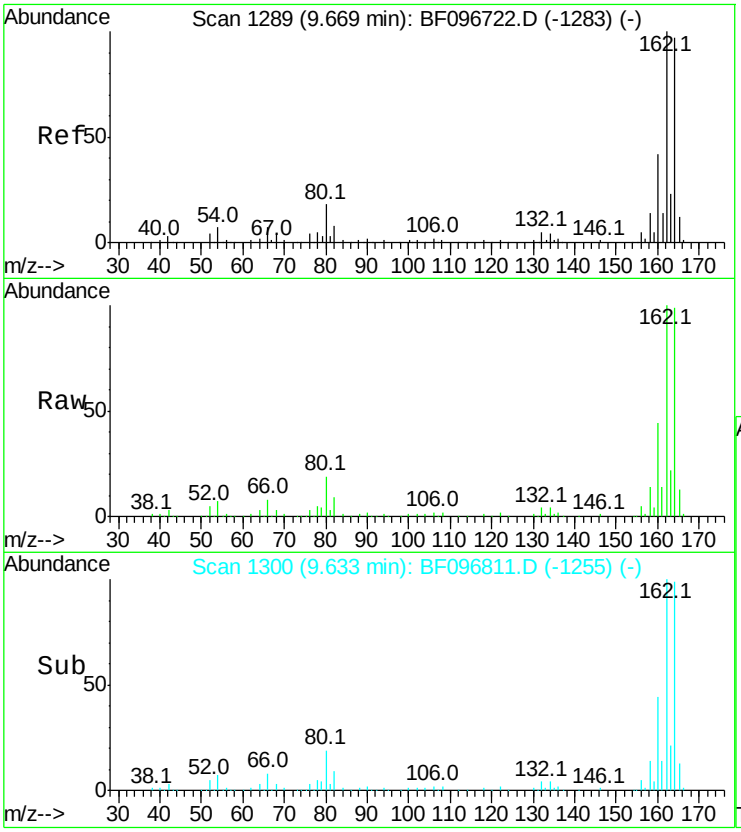


#25
Isophorone
Concen: 5.745 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.31 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion: 82 Resp: 64244

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



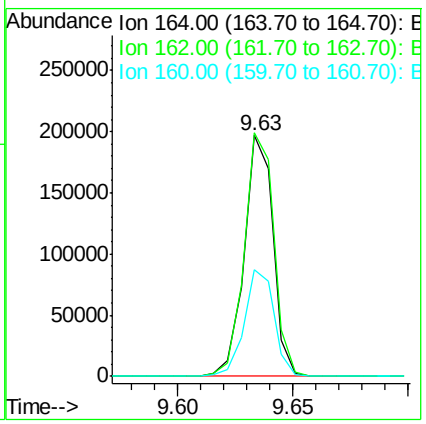


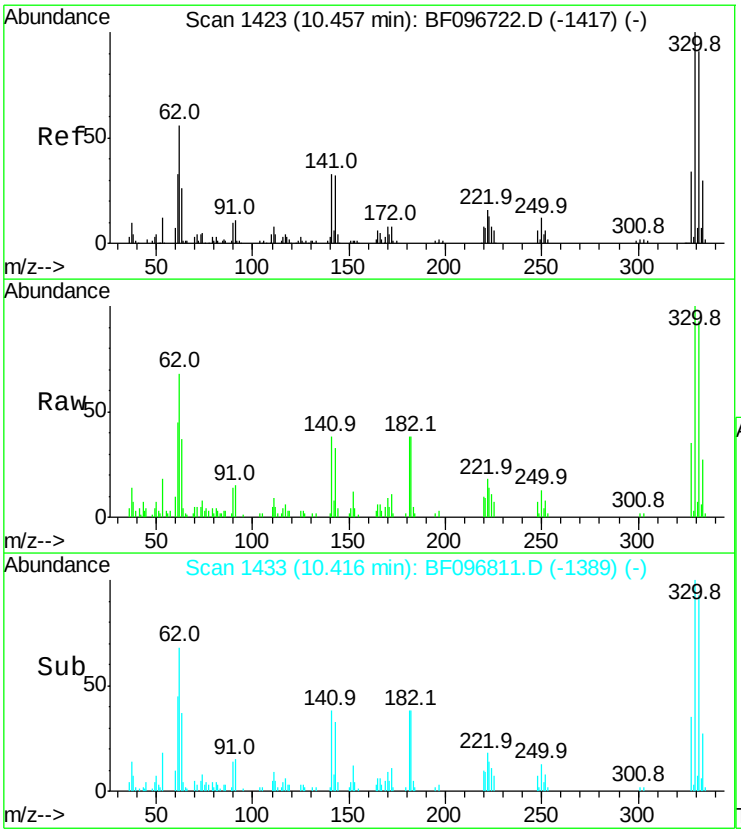
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:164 Resp: 171952

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	44.4	36.2	54.2

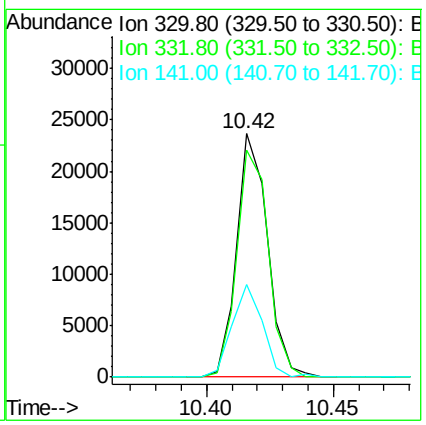


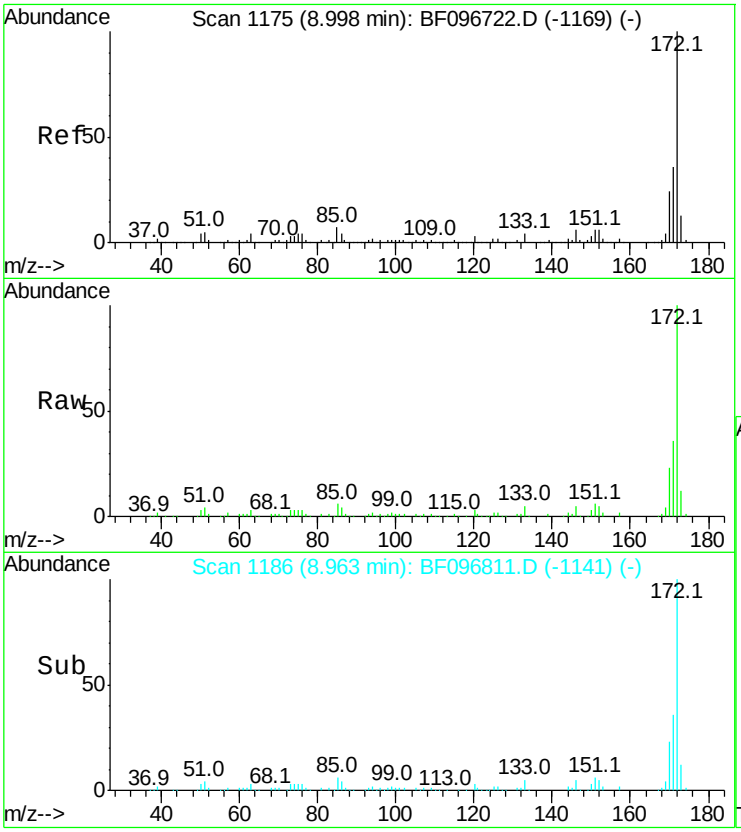


#41
2,4,6-Tribromophenol
Concen: 13.613 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:330 Resp: 19981

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	37.8	31.4	47.2



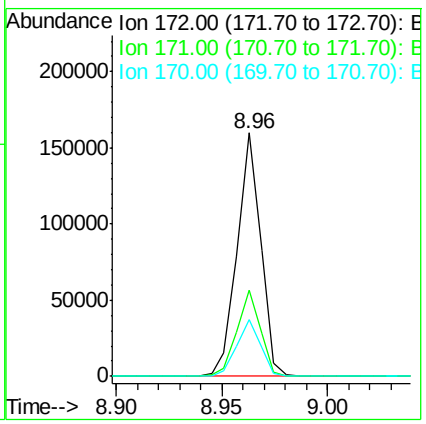


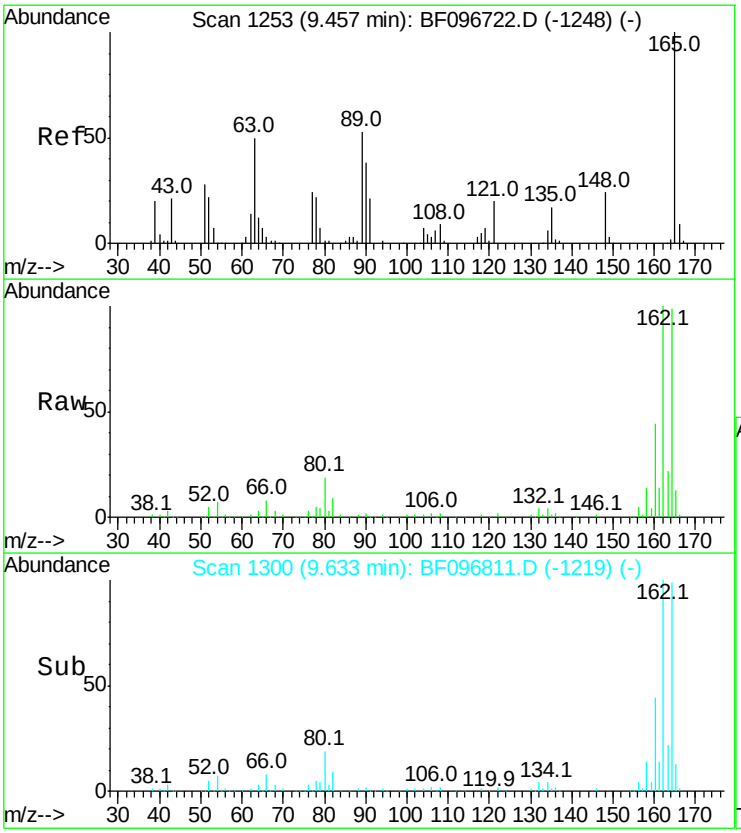
#44
2-Fluorobiphenyl
Concen: 11.311 ng
RT: 8.96 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:172 Resp: 123107

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8

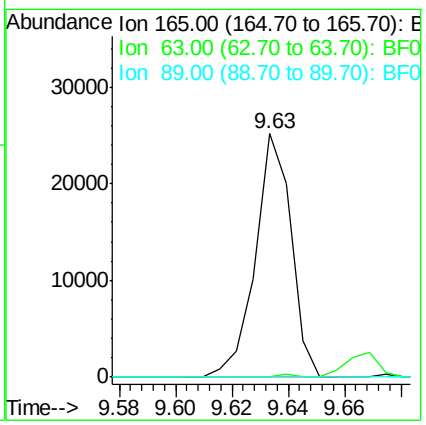


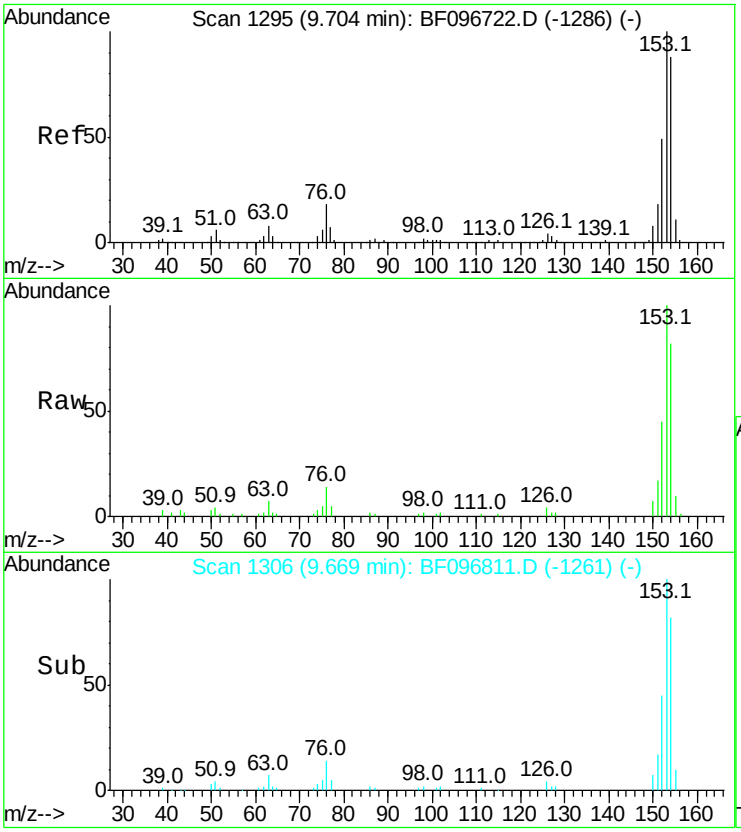


#50
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.63 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:165 Resp: 22069

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



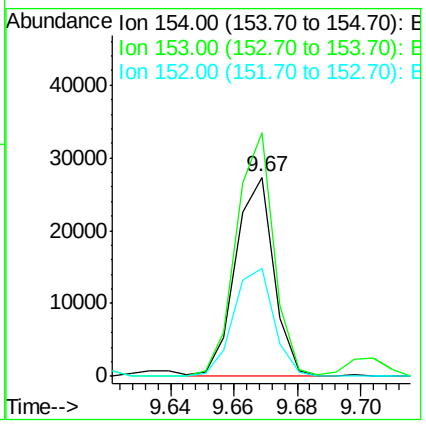


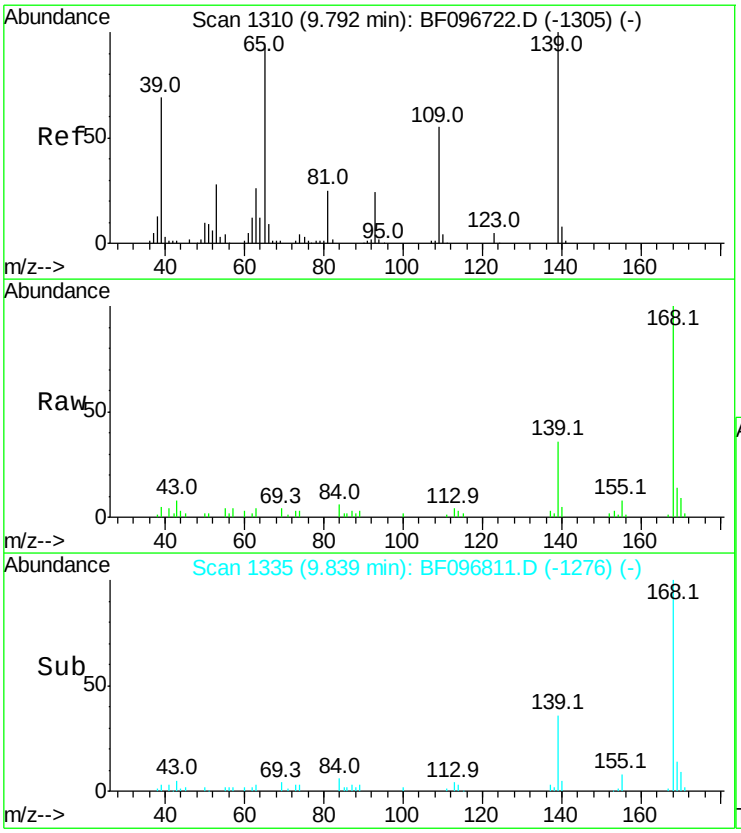
#51
Acenaphthene
Concen: 2.237 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:154 Resp: 22863

Ion	Ratio	Lower	Upper
154	100		
153	122.2	90.5	135.7
152	54.4	43.6	65.4

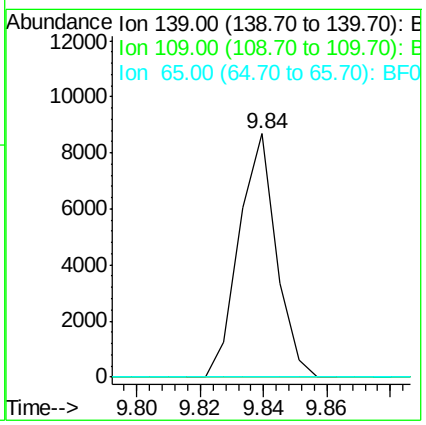


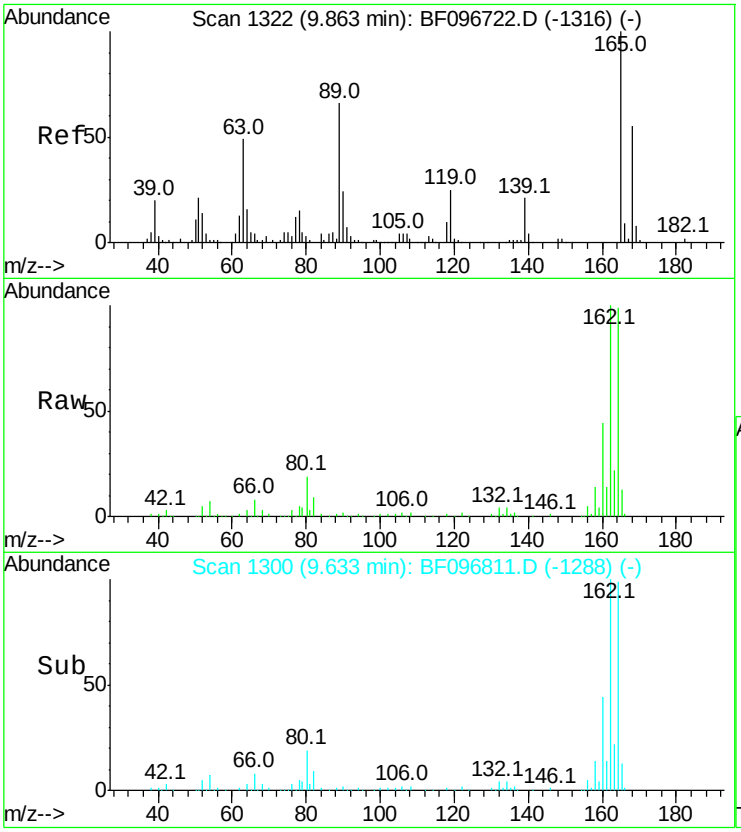


#55
4-Nitrophenol
Concen: 2.901 ng
RT: 9.84 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:139 Resp: 7040

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



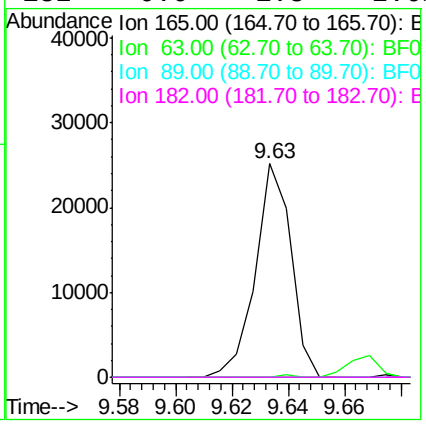


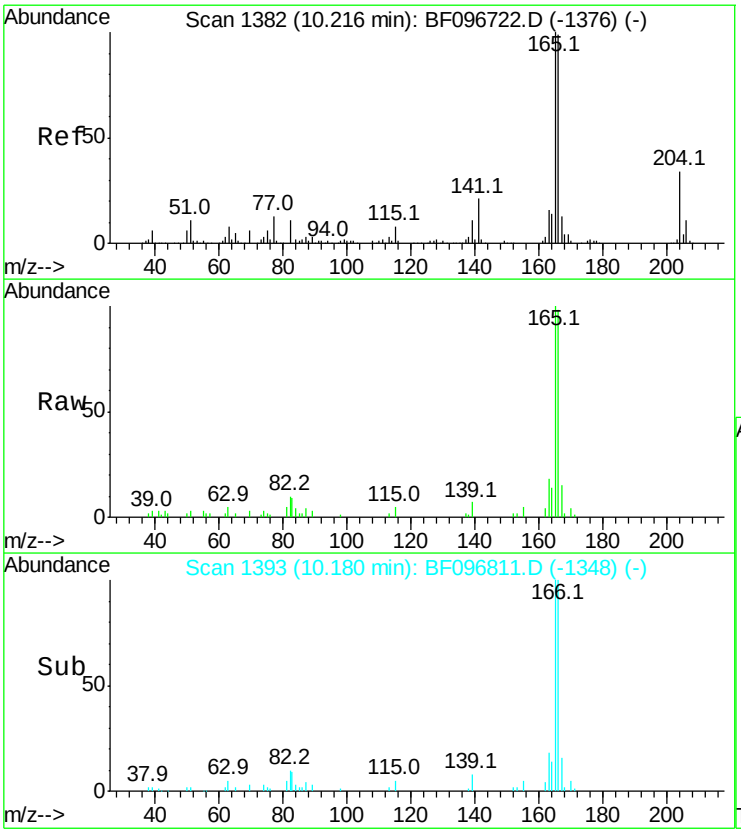
#56
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:165 Resp: 22069

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

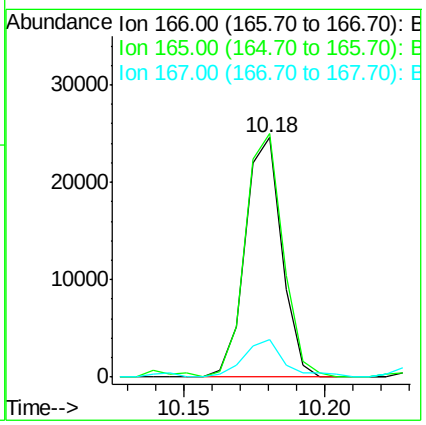


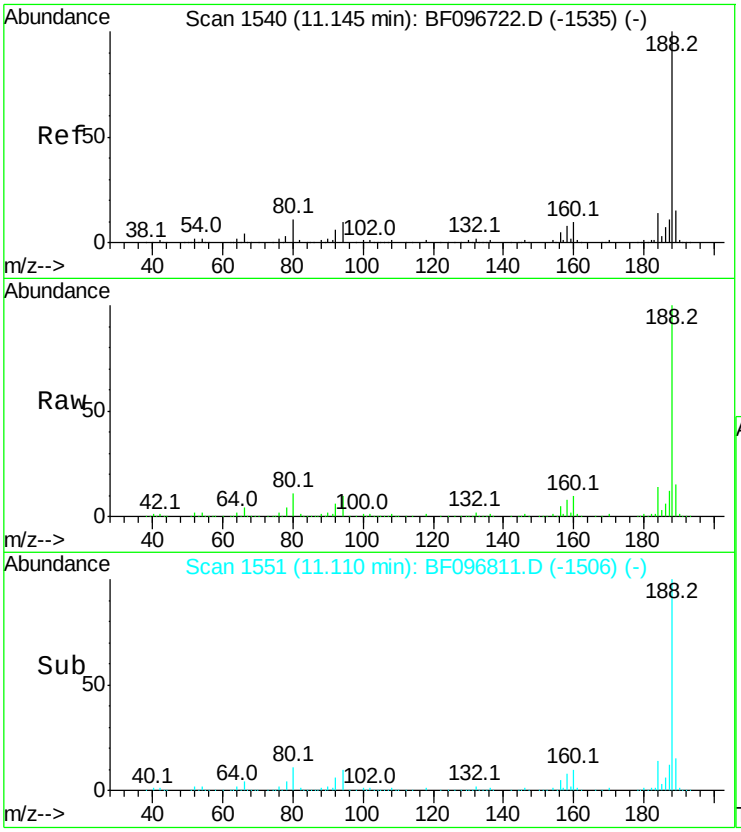


#57
Fluorene
Concen: 2.091 ng
RT: 10.18 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:166 Resp: 22127

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.8	118.2
167	15.7	10.6	16.0



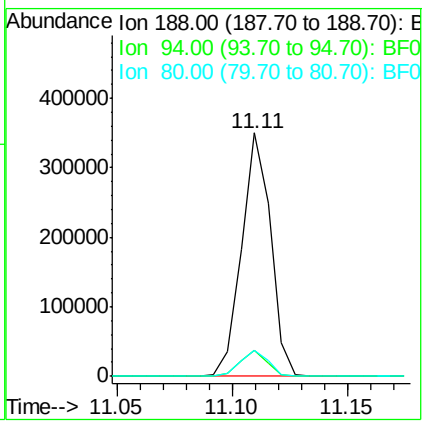


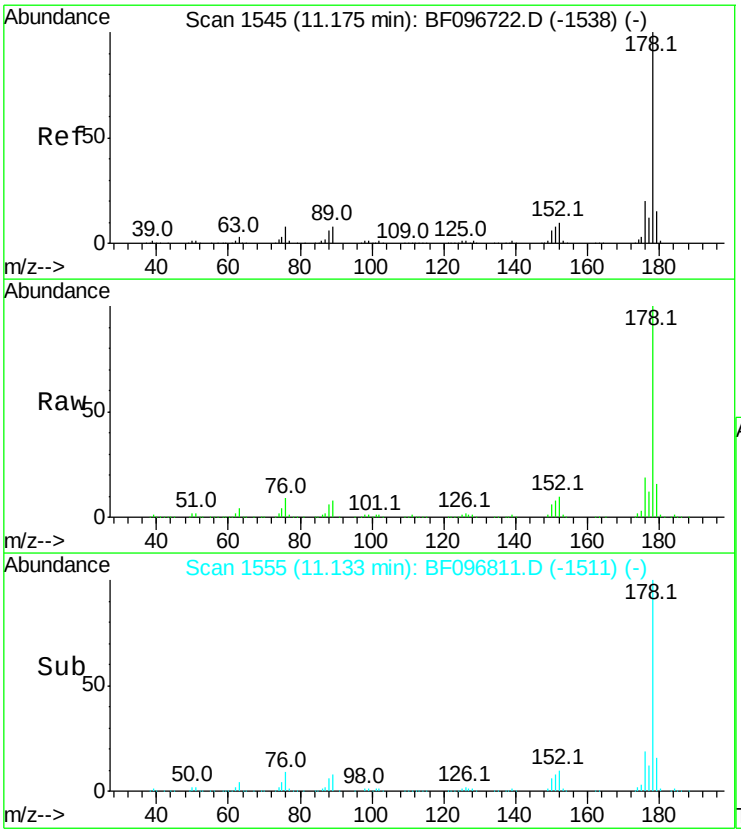
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:188 Resp: 309241

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.8	10.2	15.2

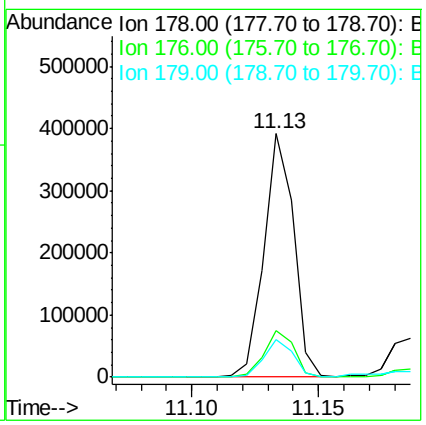


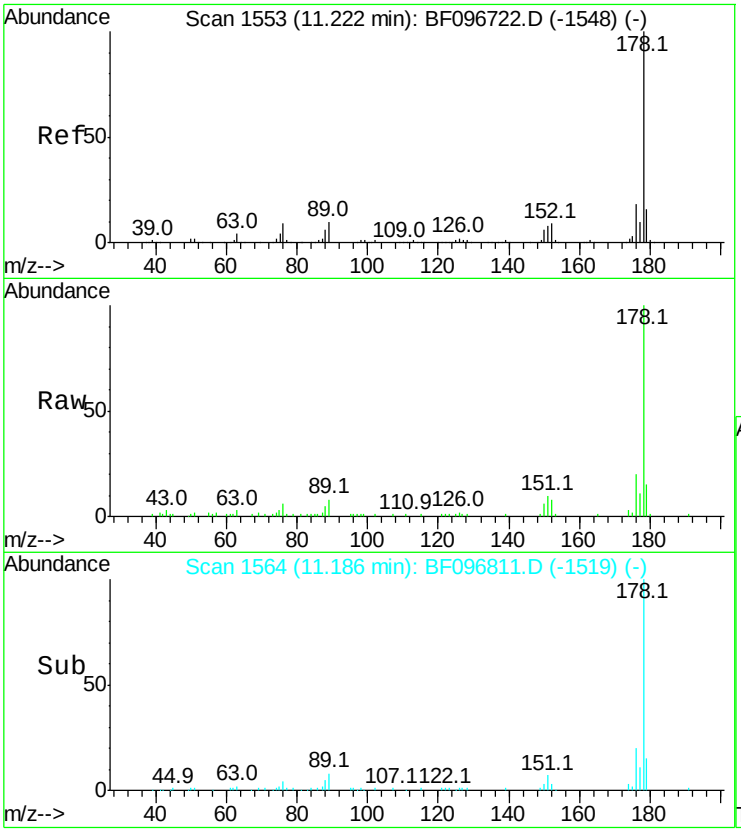


#70
Phenanthrene
Concen: 19.221 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:178 Resp: 323194

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.7	12.6	19.0



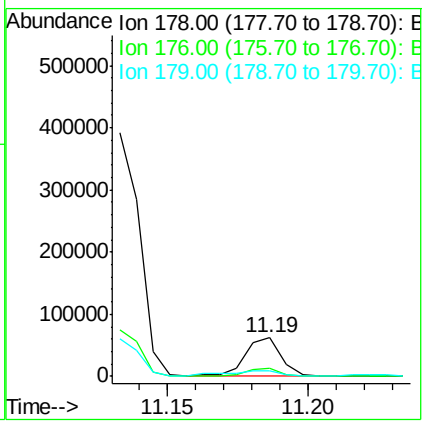


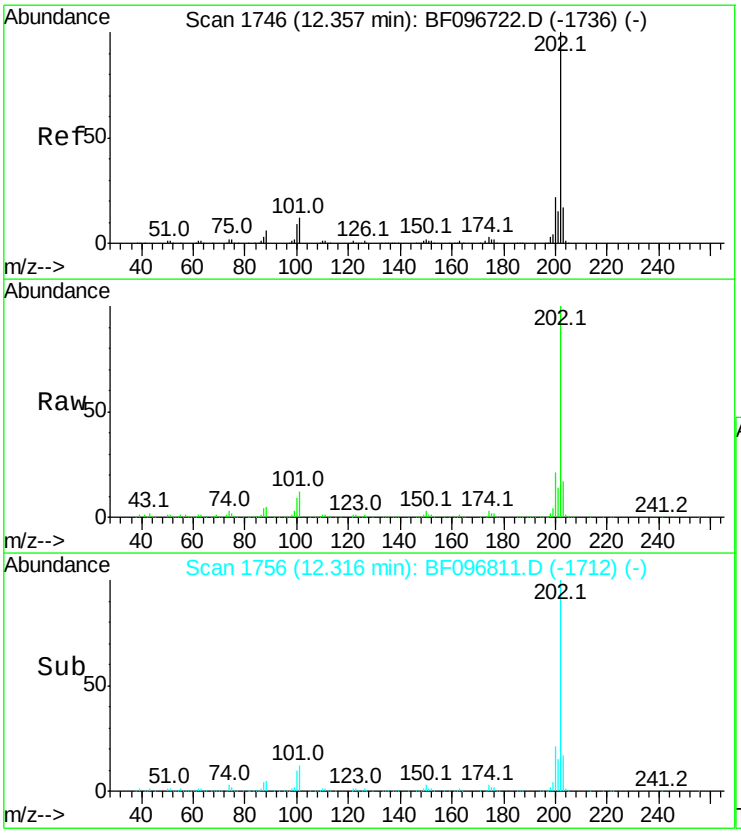
#71
Anthracene
Concen: 3.153 ng
RT: 11.19 min Scan# 1564
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:178 Resp: 53609

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.7	19.1

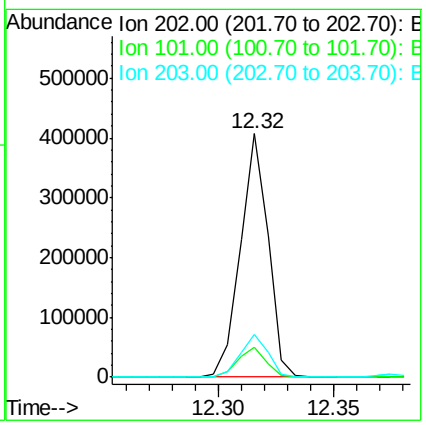


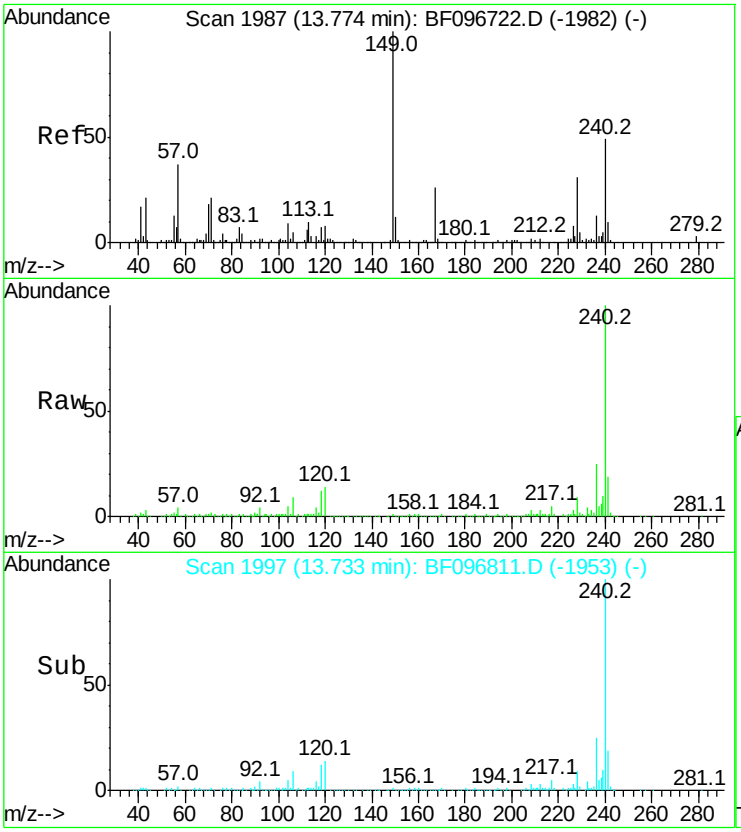


#74
Fluoranthene
Concen: 21.231 ng
RT: 12.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:202 Resp: 341693

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.4	0.0	38.1



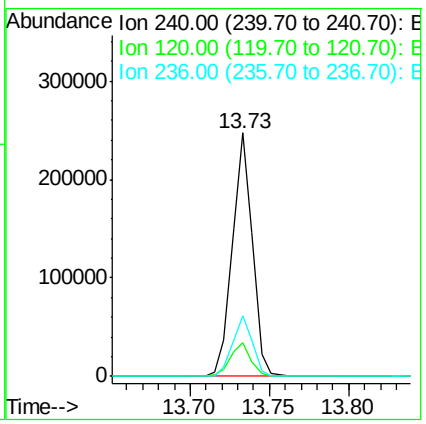


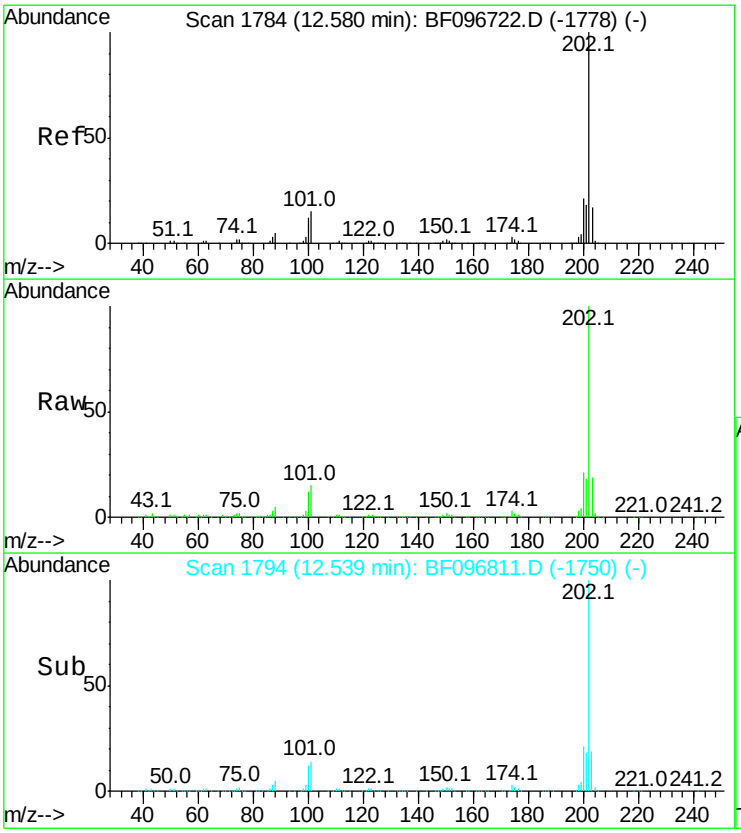
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:240 Resp: 216827

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7

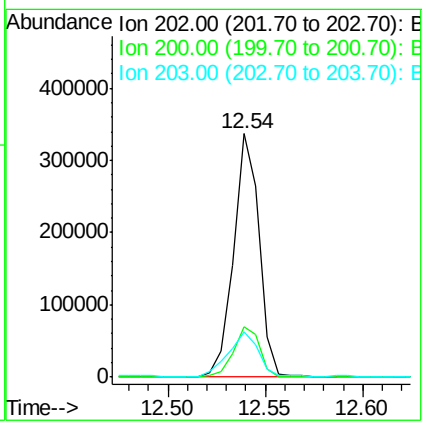


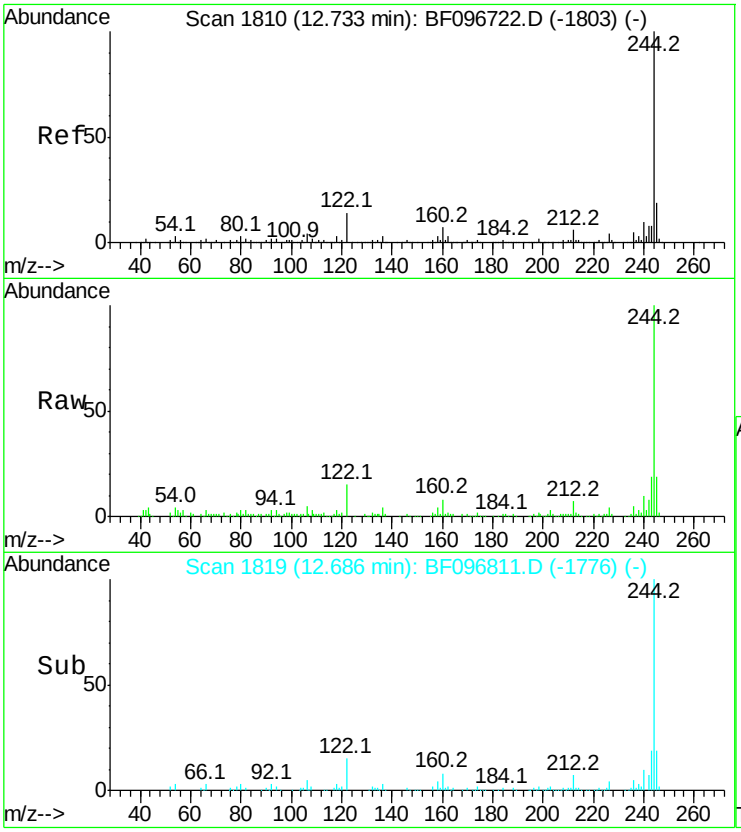


#77
Pyrene
Concen: 15.500 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:202 Resp: 305013

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.7	14.4	21.6



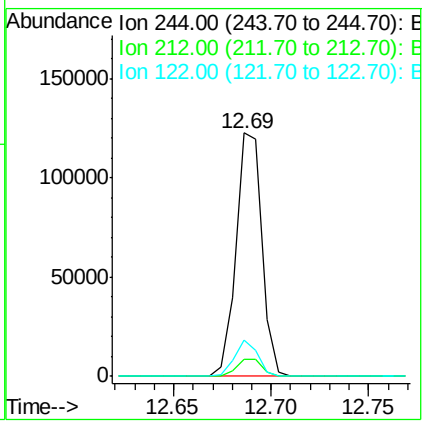


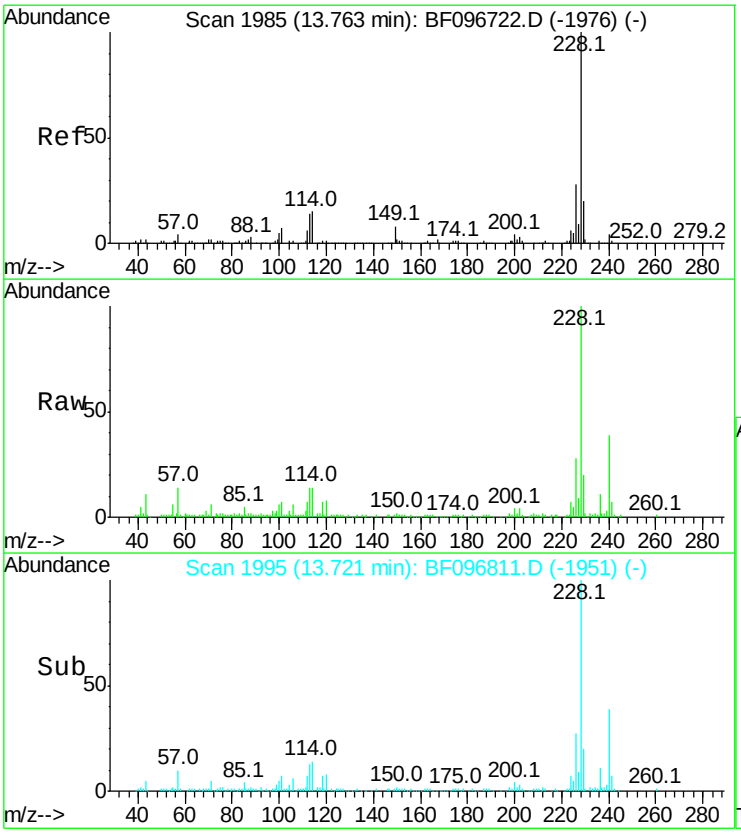
#78
Terphenyl-d14
Concen: 9.010 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.05 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:244 Resp: 112648

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.0	10.3	15.5

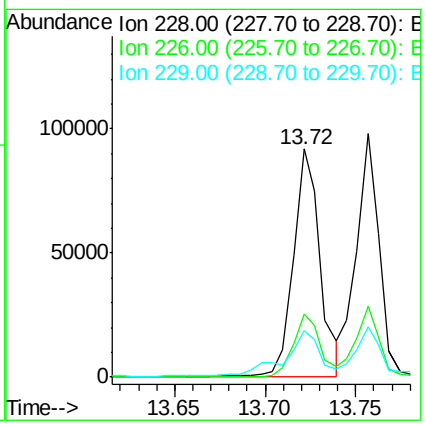


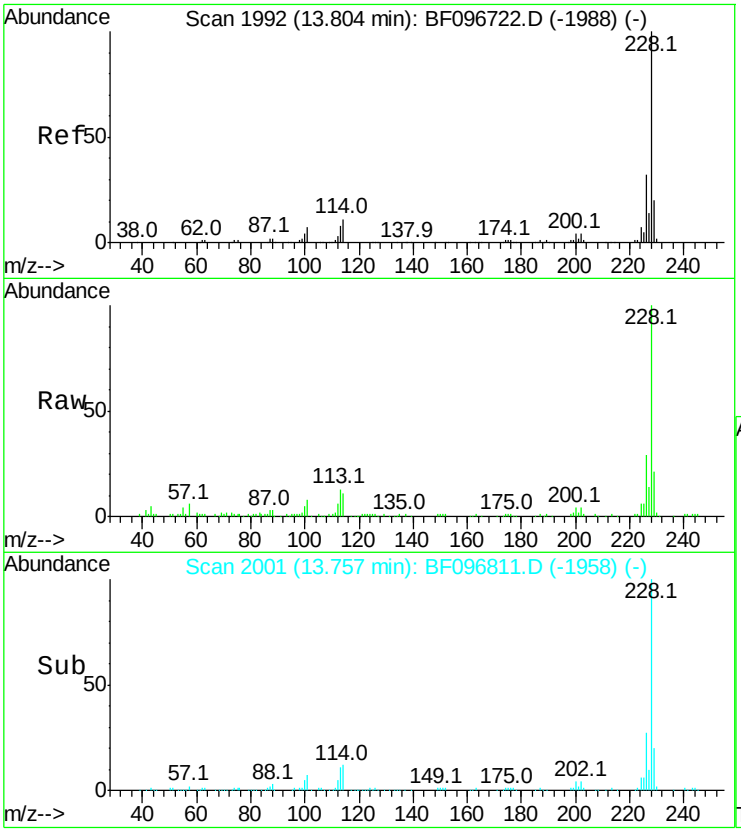


#80
Benzo(a)anthracene
Concen: 7.079 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:228 Resp: 95632

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	16.3	24.5



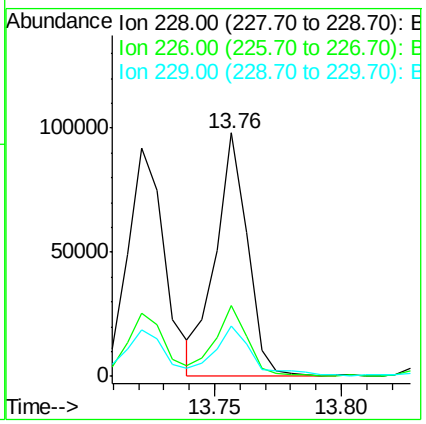


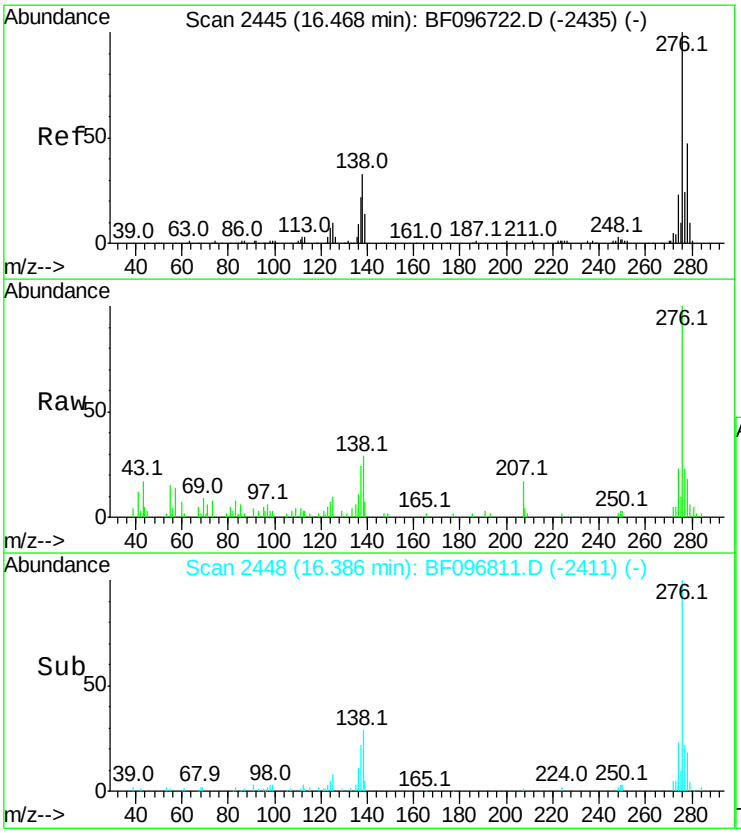
#82
Chrysene
Concen: 6.508 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.05 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:228 Resp: 86561

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.7	15.8	23.6

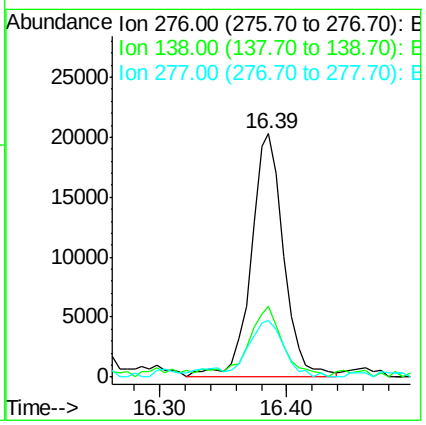


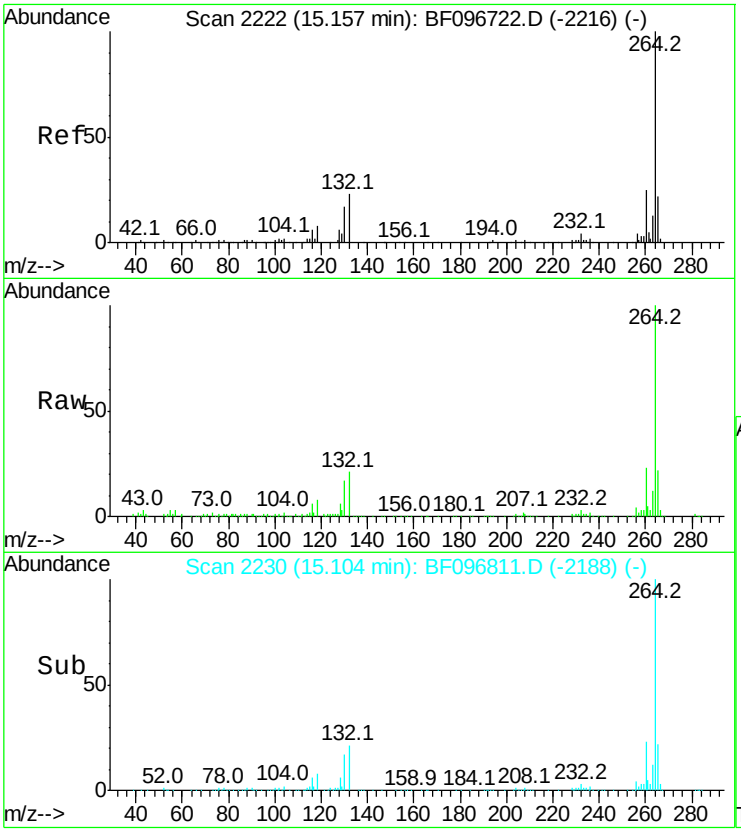


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.170 ng
RT: 16.39 min Scan# 2448
Delta R.T. -0.08 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:276 Resp: 36430

Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	25.0	20.2	30.4



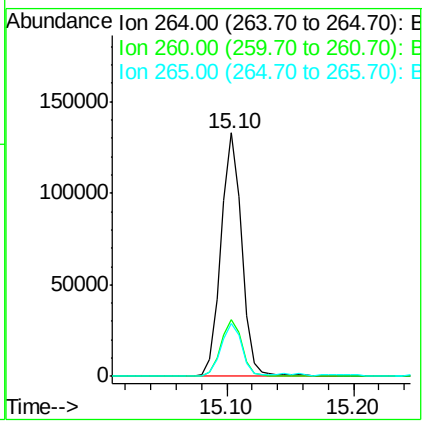


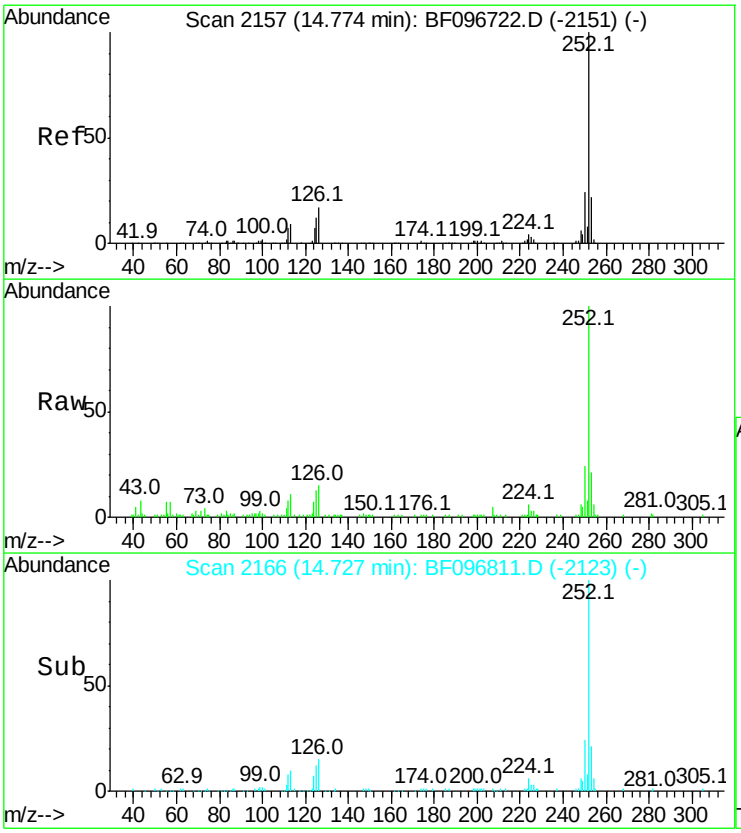
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:264 Resp: 151362

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8

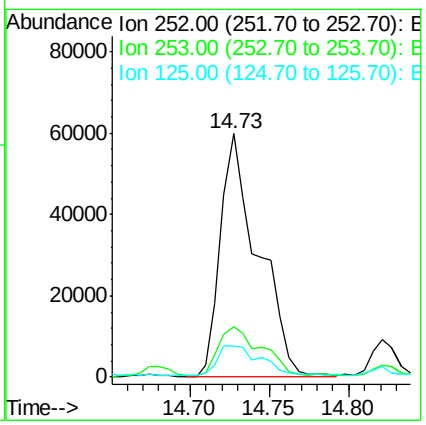


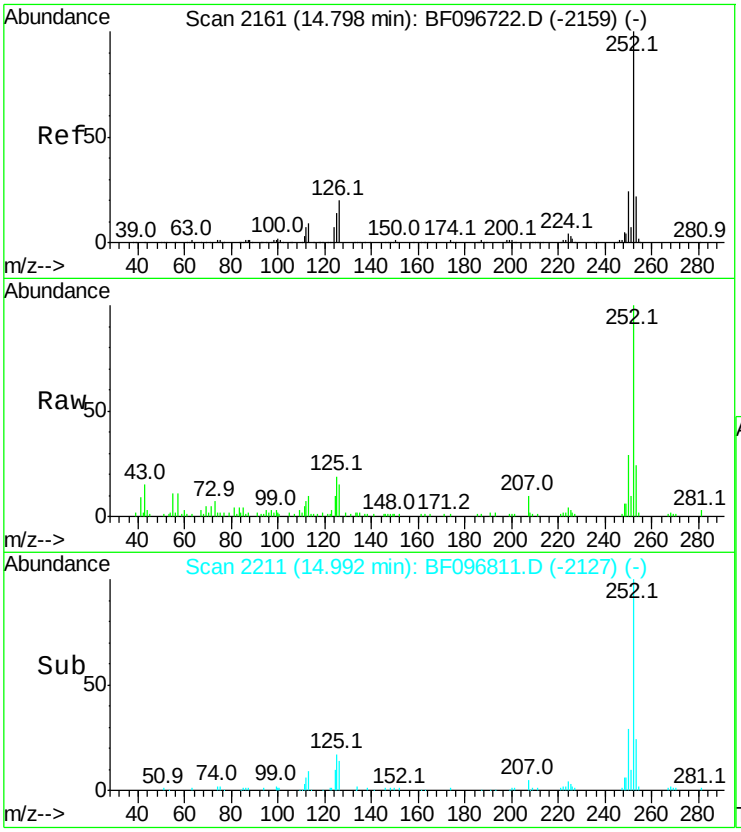


#87
Benzo(b)fluoranthene
Concen: 10.911 ng
RT: 14.73 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:252 Resp: 99603

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.1	27.1
125	12.9	9.8	14.8



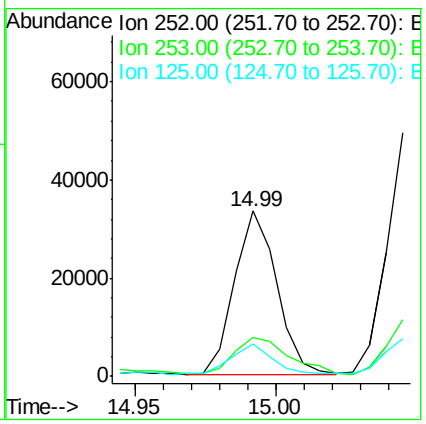


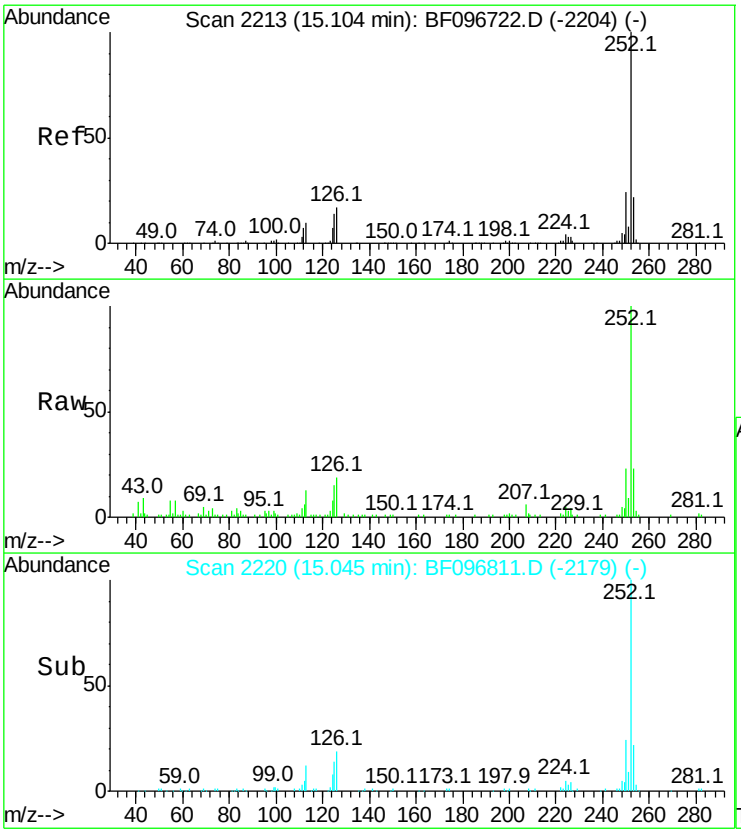
#88
Benzo(k)fluoranthene
Concen: 4.000 ng
RT: 14.99 min Scan# 2211
Delta R.T. 0.19 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:252 Resp: 34574

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	19.5	13.1	19.7

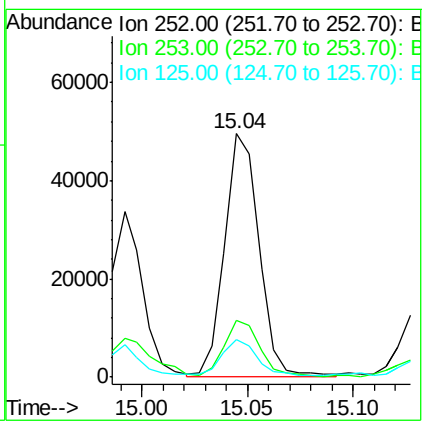


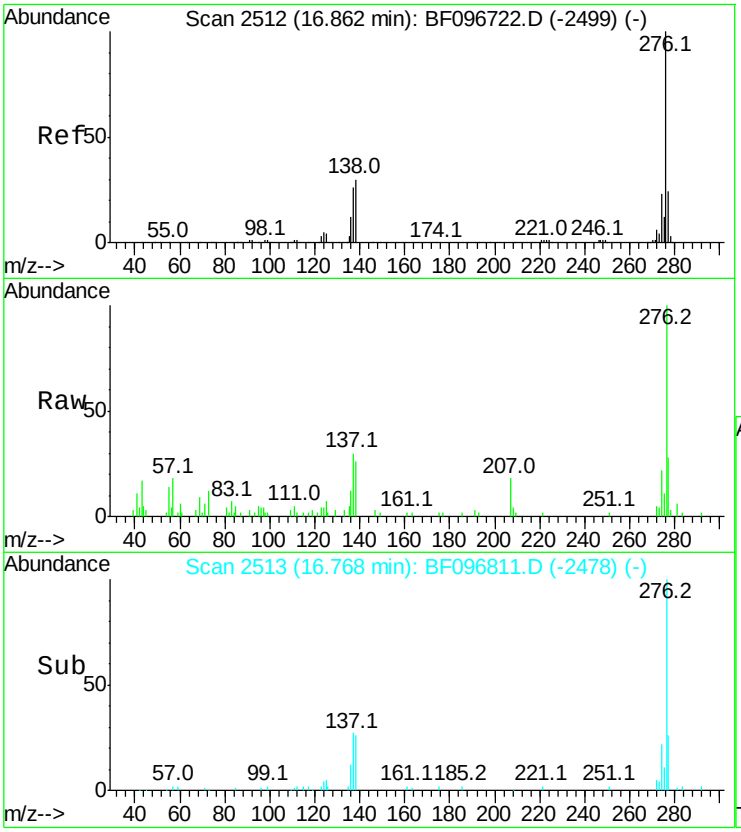


#89
Benzo(a)pyrene
Concen: 6.714 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.06 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Tgt Ion:252 Resp: 56218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.259 ng
RT: 16.77 min Scan# 2513
Delta R.T. -0.09 min
Lab File: BF096811.D
Acq: 17 Jul 2017 11:28

Instrument :
BNA_F
ClientSampleId :
E2-05-WSW

Tgt Ion:276 Resp: 35134

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	25.7	25.4	38.0