Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086808.D
Acq On : 8 May 2016 7:40
Operator : UM/SJ
Sample : H2720-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS4

Quant Time: May 09 00:56:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	197159	40.00	ng		-0.03
21) Naphthalene-d8	7.98	136	724983	40.00	ng		-0.05
38) Acenaphthene-d10	9.73	164	307656	40.00	ng		-0.05
63) Phenanthrene-d10	11.22	188	528189	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	341638	40.00	ng		-0.03
86) Perylene-d12	15.23	264	335179	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1298650	109.04	ng		-0.01
7) Phenol-d6	6.37	99	1851232	115.40	ng		0.00
23) Nitrobenzene-d5	7.28	82	1168783	82.84	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	388644	129.14	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1550630	82.62	ng		-0.03
78) Terphenyl-d14	12.80	244	1008824	59.68	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	170833	15.59	ng	#	73
25) Isophorone	7.28	82	1135720	43.23	ng	#	68
31) Naphthalene	8.01	128	93177	2.52	ng		99
32) Benzoic acid	7.81	122	1672	8.73	ng	#	52
49) Dimethylphthalate	9.47	163	243902	10.63	ng		98
51) Acenaphthene	9.77	154	59115	3.11	ng		96
54) Dibenzofuran	9.94	168	51517	2.19	ng	#	93
56) 2,4-Dinitrotoluene	9.73	165	40968	6.72	ng	#	16
57) Fluorene	10.28	166	80809	4.23	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	1026	5.65	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	22402	4.27	ng	#	1
70) Phenanthrene	11.24	178	711957	25.09	ng		100
71) Anthracene	11.29	178	203620	6.85	ng		99
72) Carbazole	11.46	167	84680	3.28	ng		98
74) Fluoranthene	12.42	202	704709	24.79	ng		98
76) Benzidine	12.80	184	15978	8.55	ng		98
77) Pyrene	12.65	202	550088	20.20	ng		98
80) Benzo(a)anthracene	13.84	228	372797	19.29	ng		99
82) Chrysene	13.87	228	216910	10.52	ng		97
85) Indeno(1,2,3-cd)pyrene	16.52	276	120407	6.81	ng	#	87
87) Benzo(b)fluoranthene	14.84	252	447835	22.24	ng		98
88) Benzo(k)fluoranthene	14.84	252	447835	23.60	ng		99
89) Benzo(a)pyrene	15.12	252	144374	7.78	ng		97
91) Benzo(g,h,i)perylene	16.91	276	95650	5.11	ng	#	93

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

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Misc :
ALS Vial : 76 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
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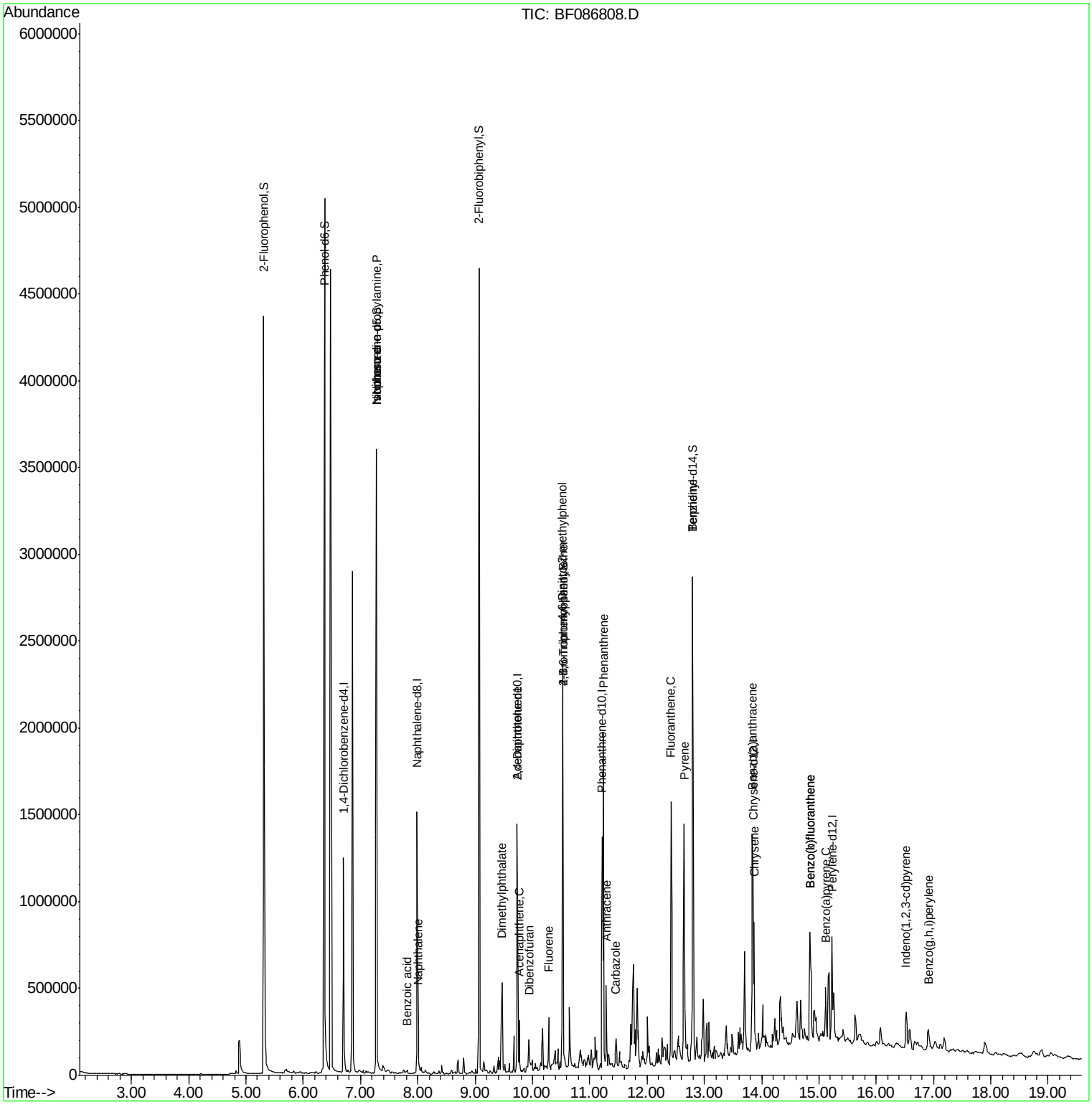
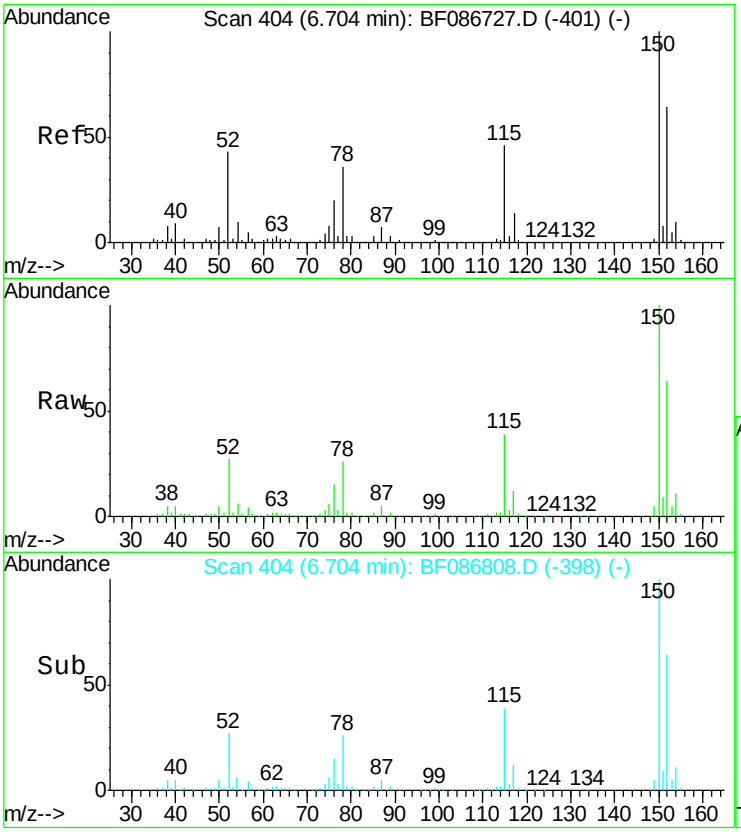


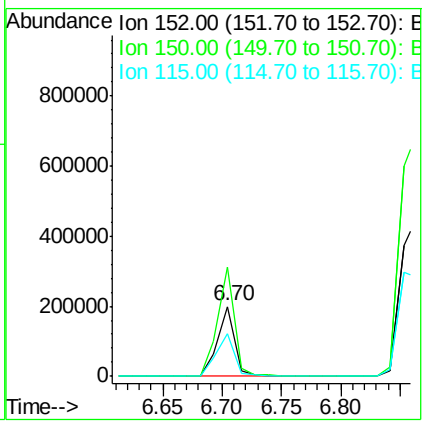


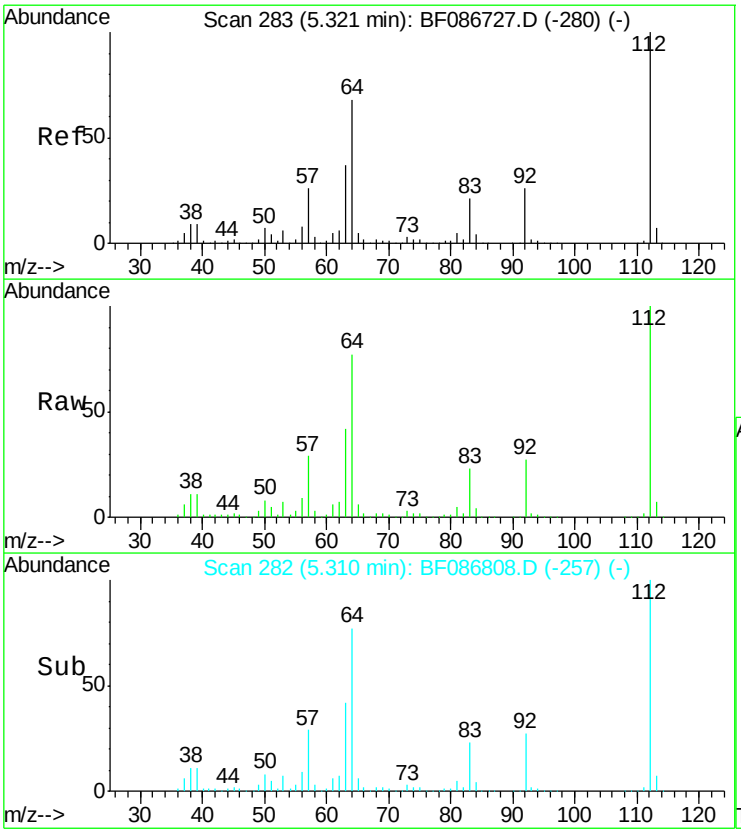
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:152 Resp: 197159

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	60.1	51.5	77.3

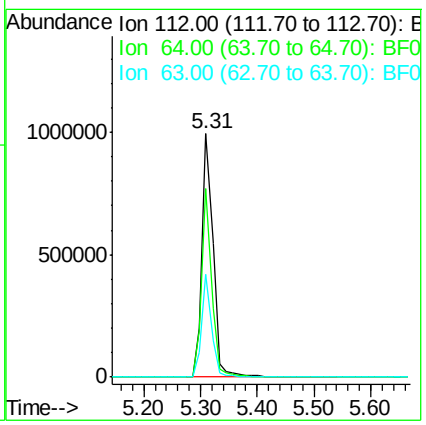


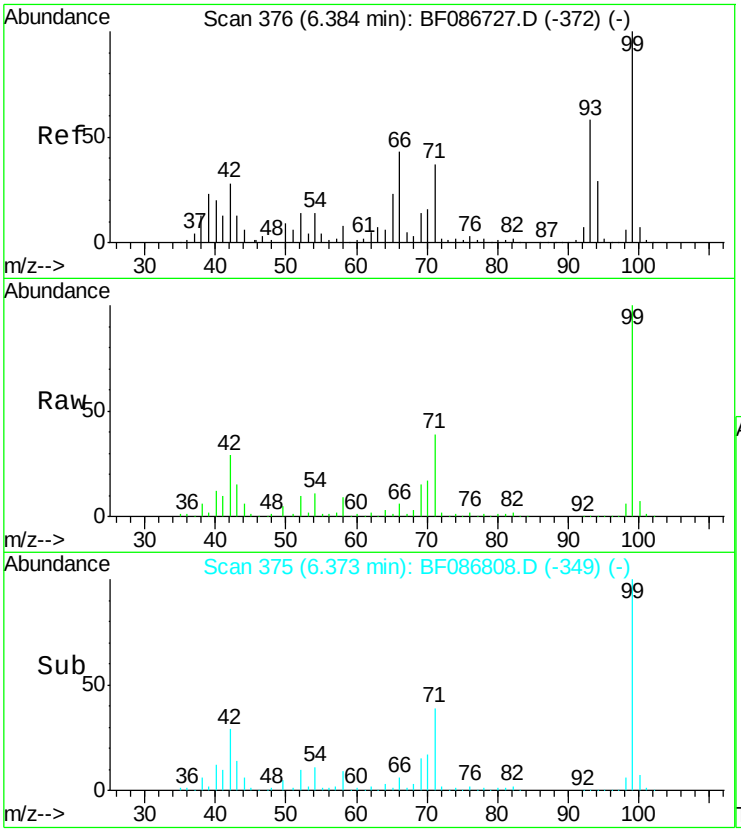


#5
2-Fluorophenol
Concen: 109.04 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:112 Resp: 1298650

Ion	Ratio	Lower	Upper
112	100		
64	77.2	52.1	78.1
63	42.2	25.7	38.5#



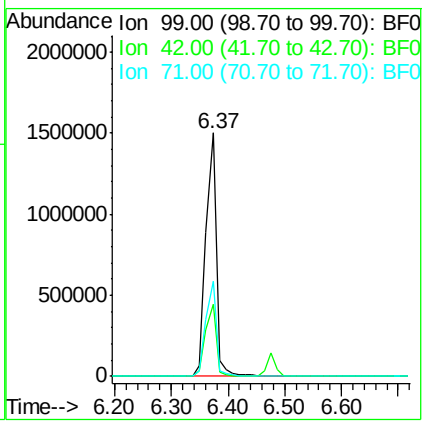


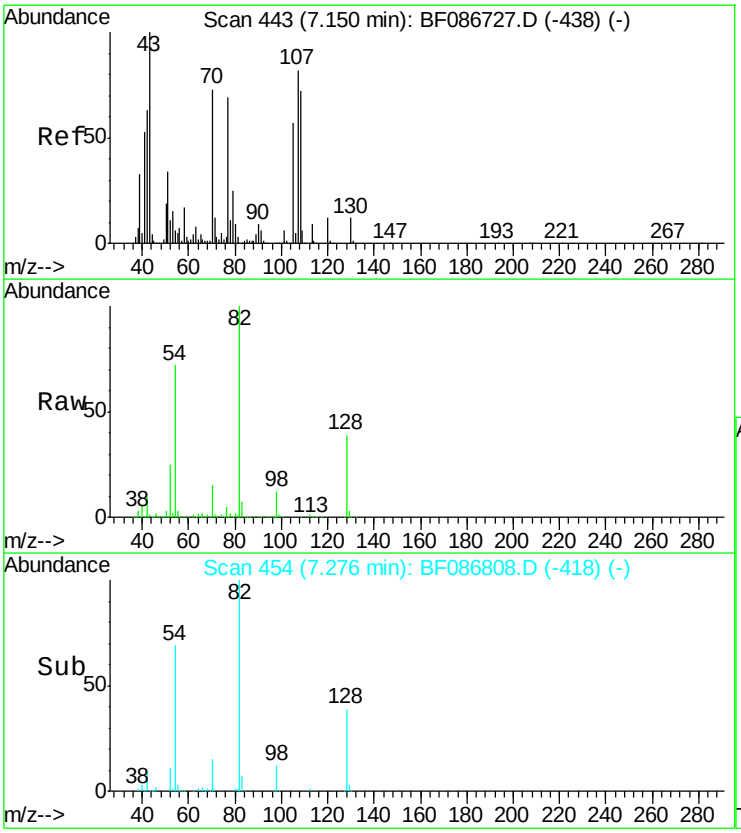
#7
Phenol-d6
Concen: 115.40 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion: 99 Resp: 1851232

Ion	Ratio	Lower	Upper
99	100		
42	29.5	13.6	20.4#
71	39.3	24.6	36.8#

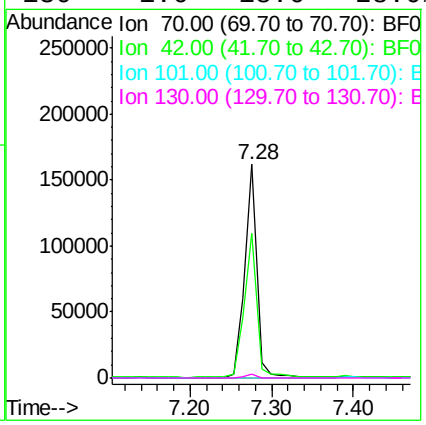


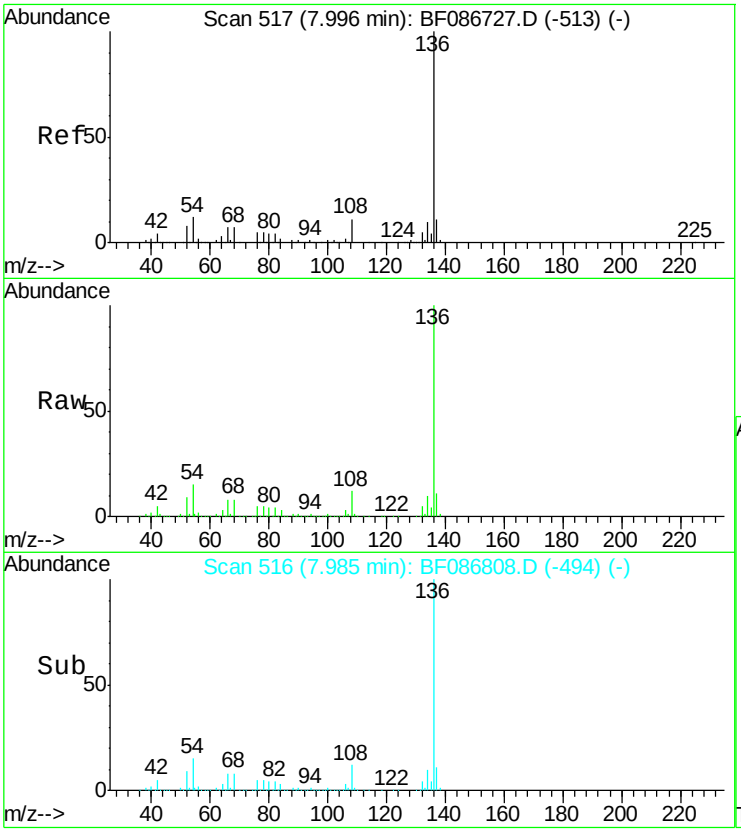


#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion: 70 Resp: 170833

Ion	Ratio	Lower	Upper
70	100		
42	68.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



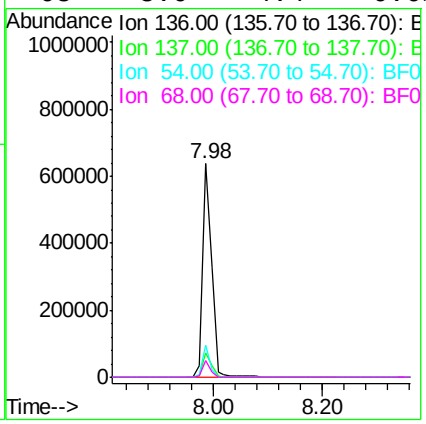


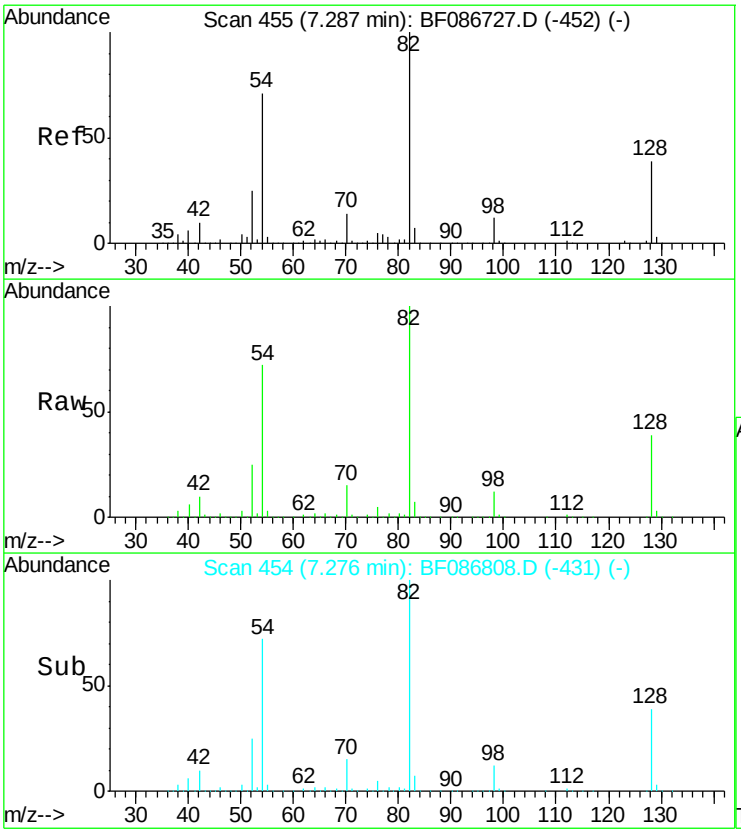
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:136 Resp: 724983

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	14.9	5.0	7.4#
68	8.0	4.4	6.6#

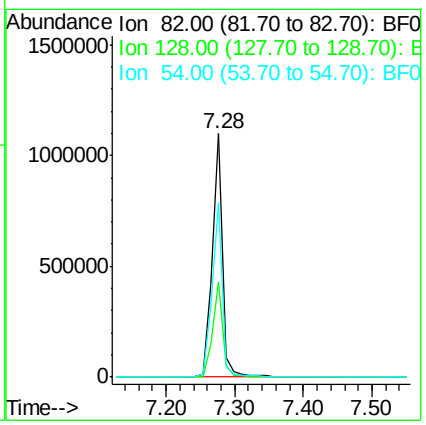


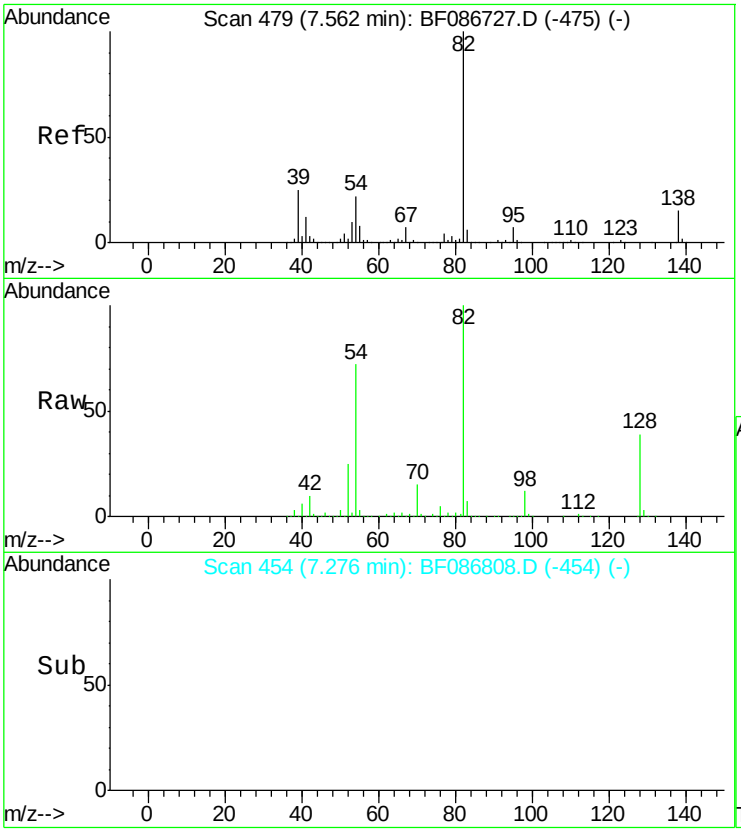


#23
Nitrobenzene-d5
Concen: 82.84 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion: 82 Resp: 1168783

Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	71.8	38.1	57.1#



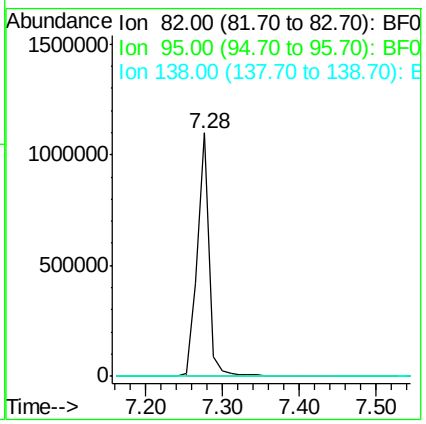


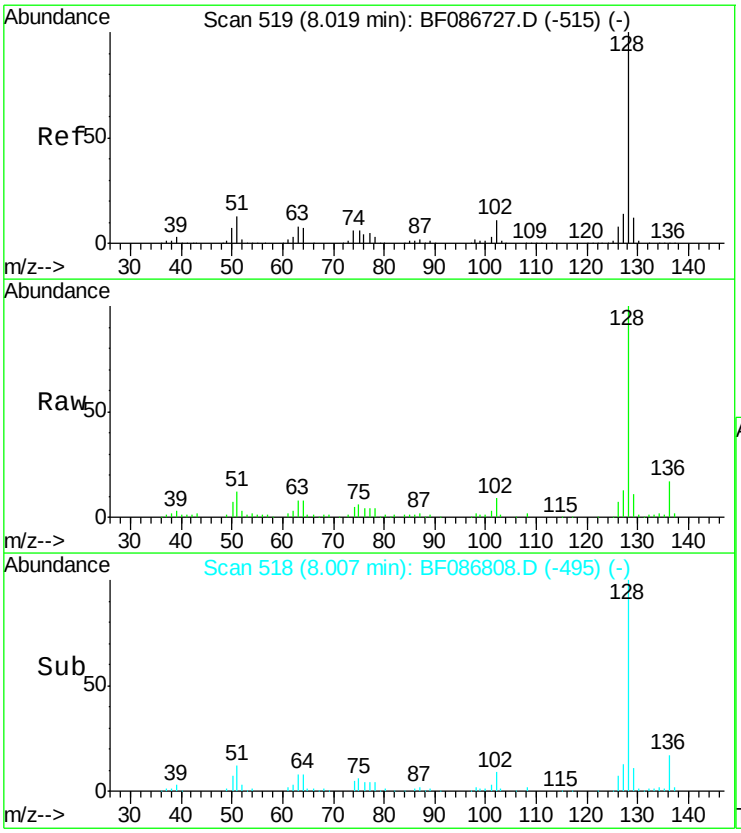
#25
Isophorone
Concen: 43.23 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion: 82 Resp: 1135720

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

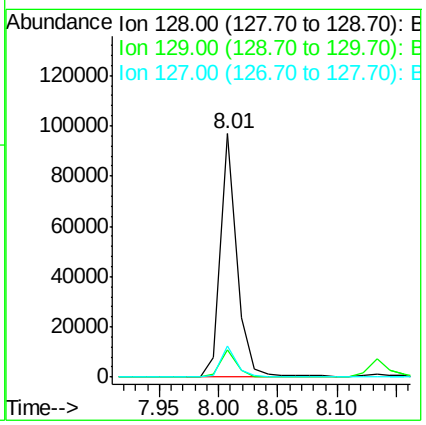


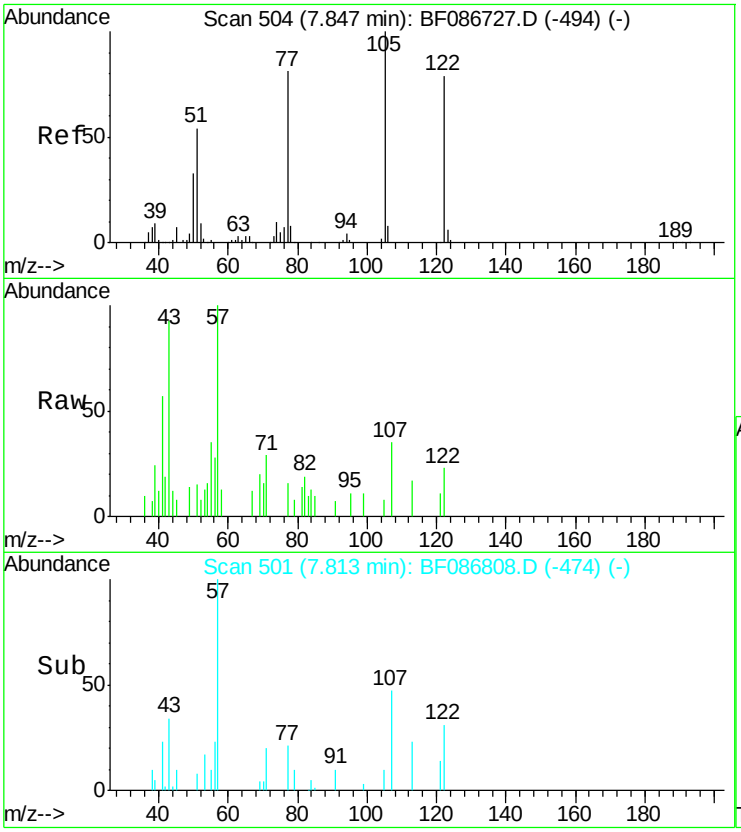


#31
Naphthalene
Concen: 2.52 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:128 Resp: 93177

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.0	10.8	16.2



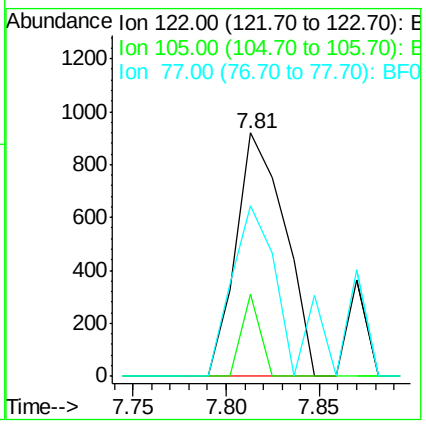


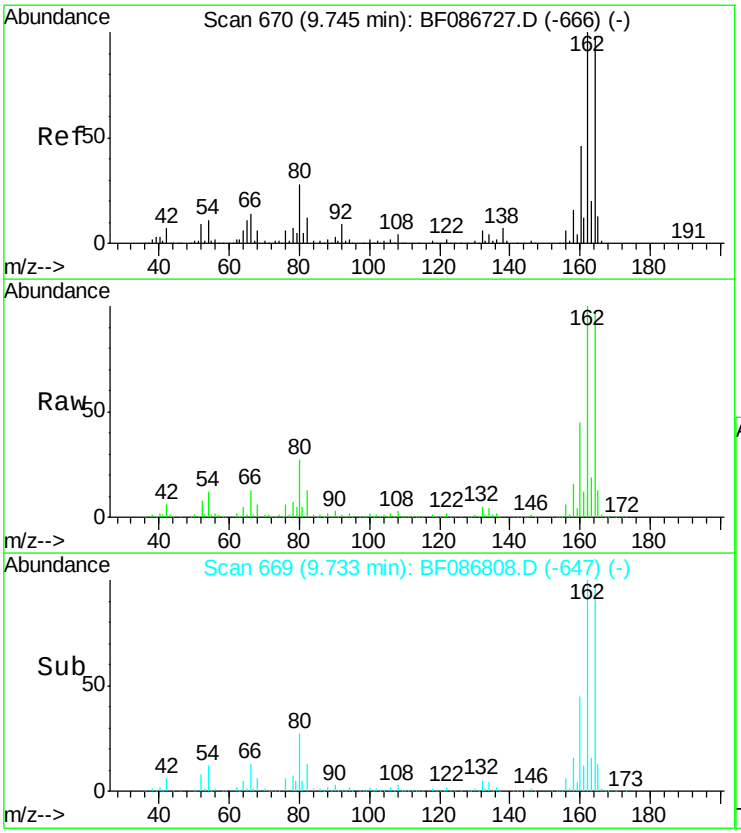
#32
Benzoic acid
Concen: 8.73 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:122 Resp: 1672

Ion	Ratio	Lower	Upper
122	100		
105	33.9	92.6	132.6#
77	69.9	60.0	100.0

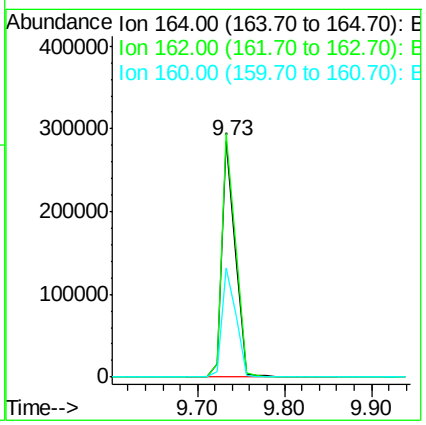


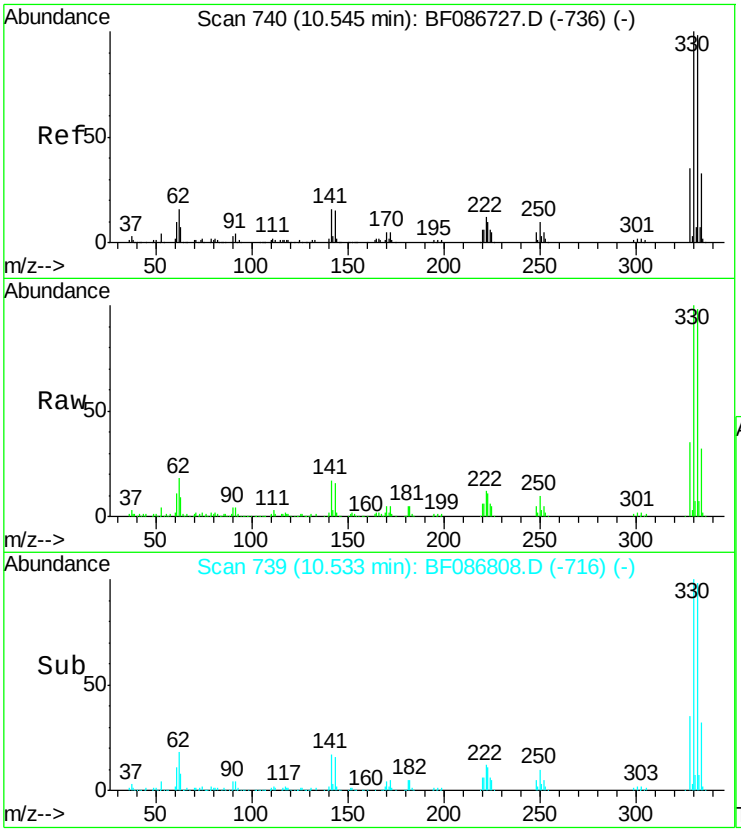


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:164 Resp: 307656

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.5	36.9	55.3



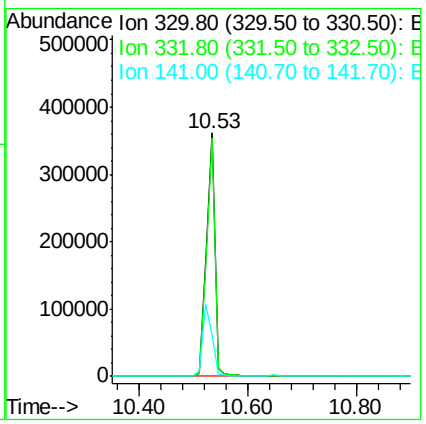


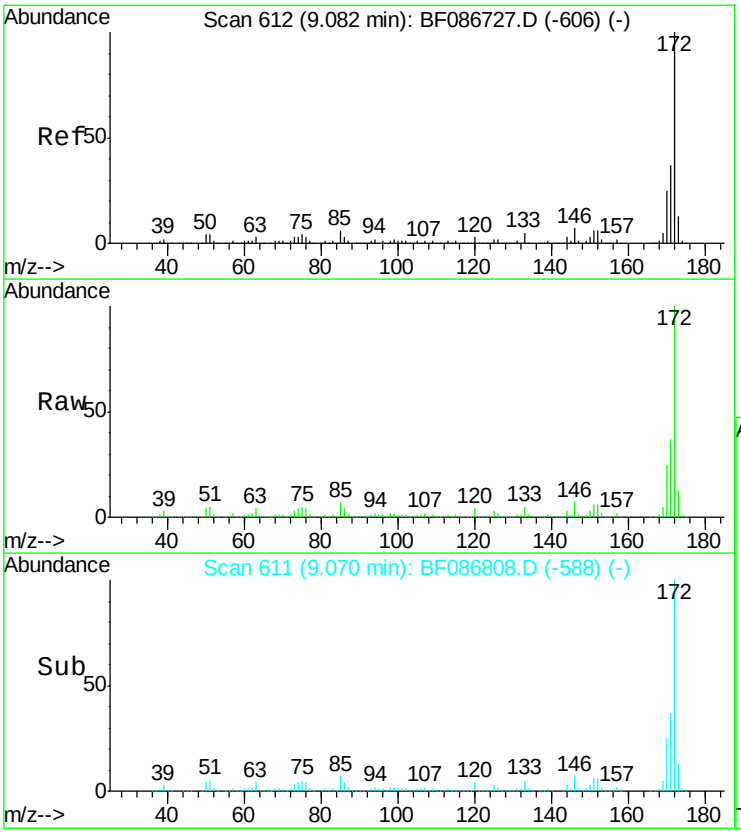
#41
2,4,6-Tribromophenol
Concen: 129.14 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:330 Resp: 388644

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	33.1	31.2	46.8

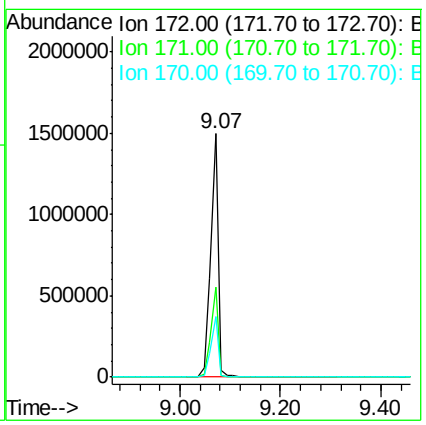


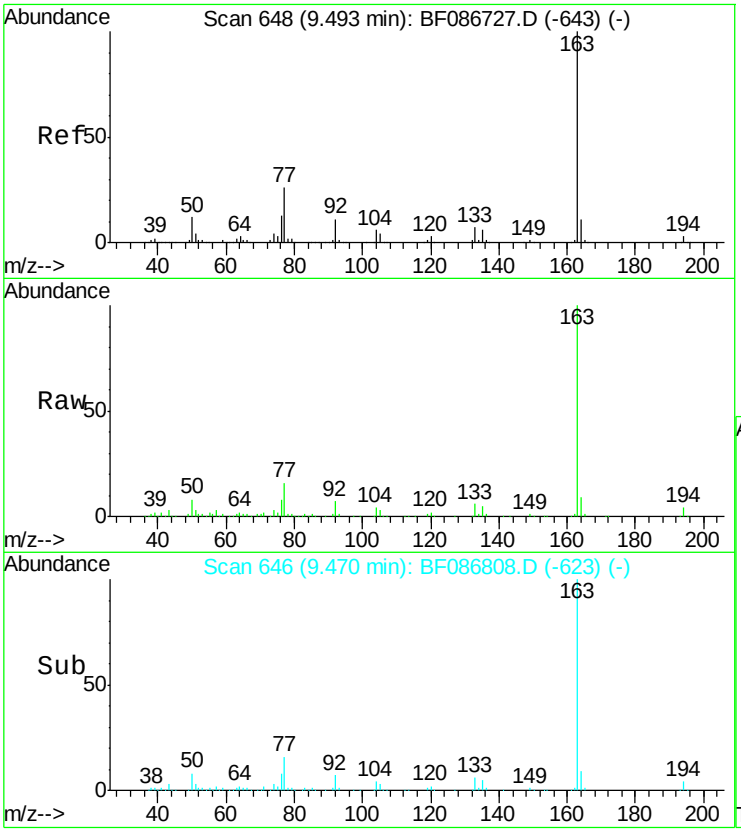


#44
2-Fluorobiphenyl
Concen: 82.62 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:172 Resp: 1550630

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.8	29.8



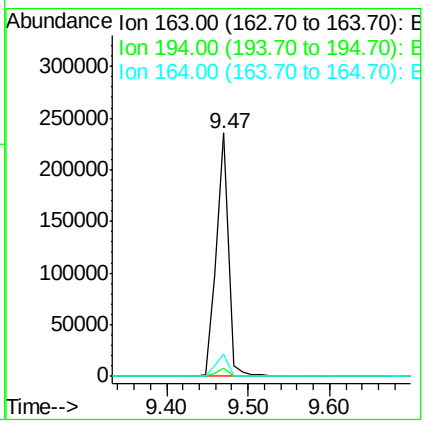


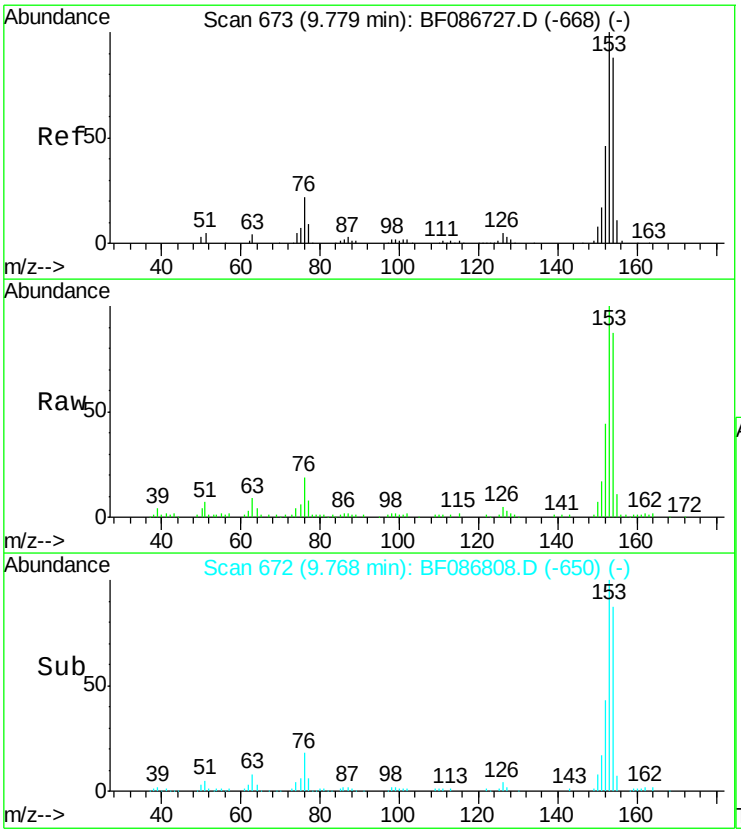
#49
Dimethylphthalate
Concen: 10.63 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:163 Resp: 243902

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.2	12.4

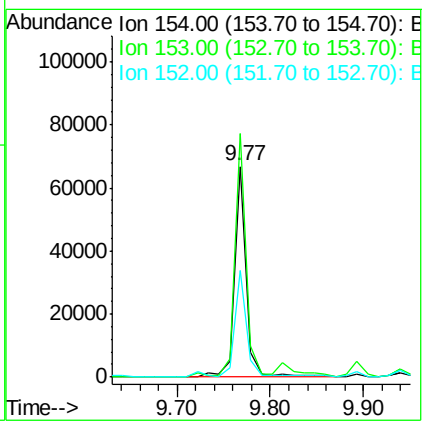


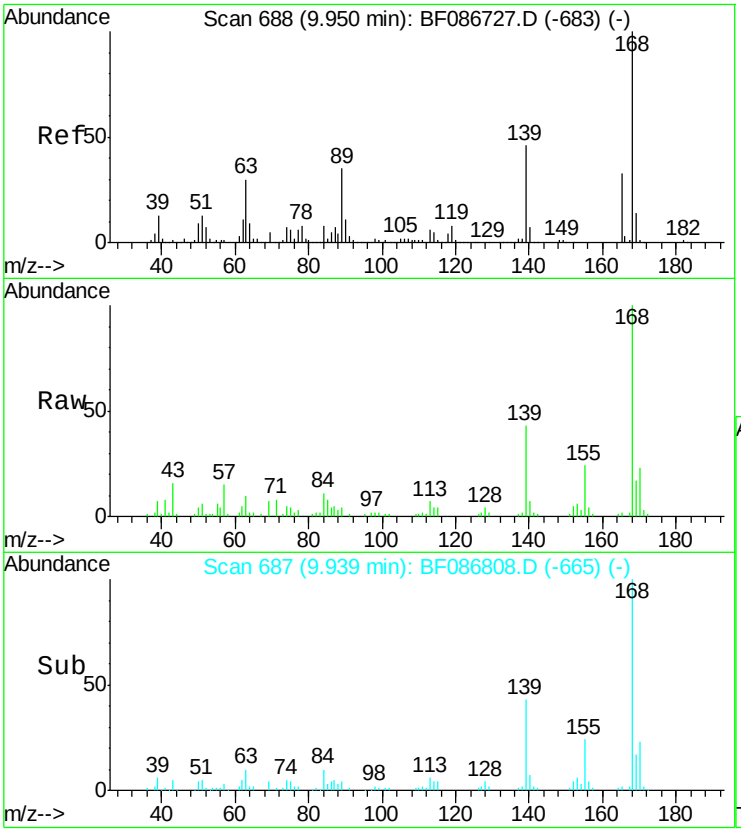


#51
Acenaphthene
Concen: 3.11 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:154 Resp: 59115

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.8	134.6
152	50.5	43.4	65.0



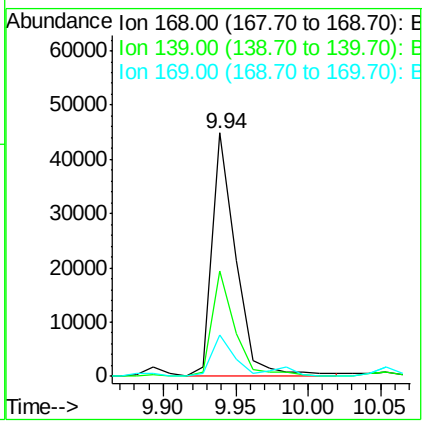


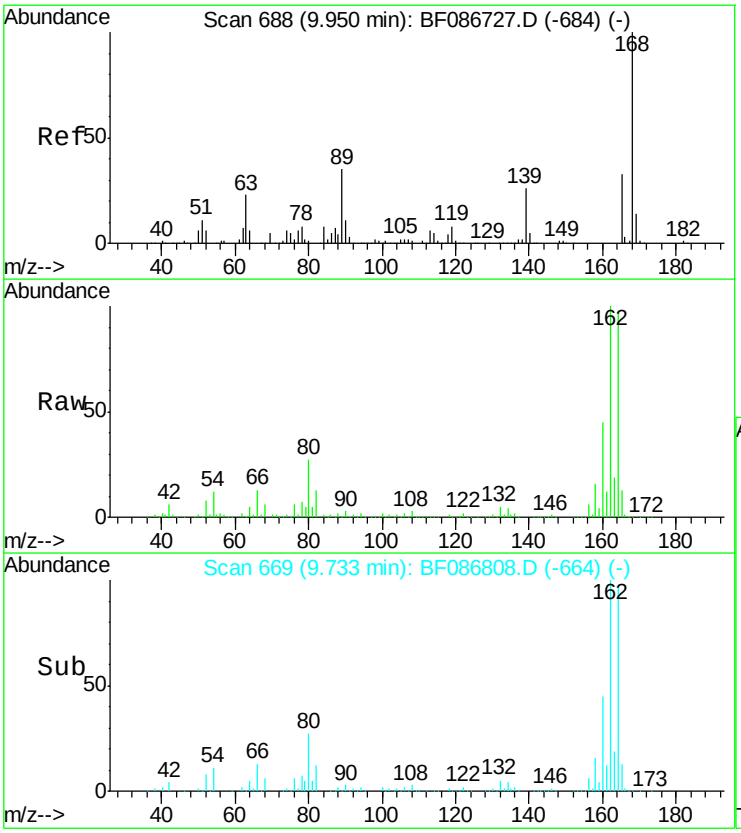
#54
Dibenzofuran
Concen: 2.19 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:168 Resp: 51517

Ion	Ratio	Lower	Upper
168	100		
139	43.0	31.4	47.0
169	17.1	10.7	16.1#

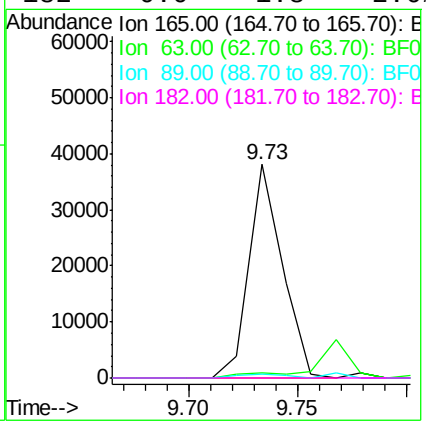


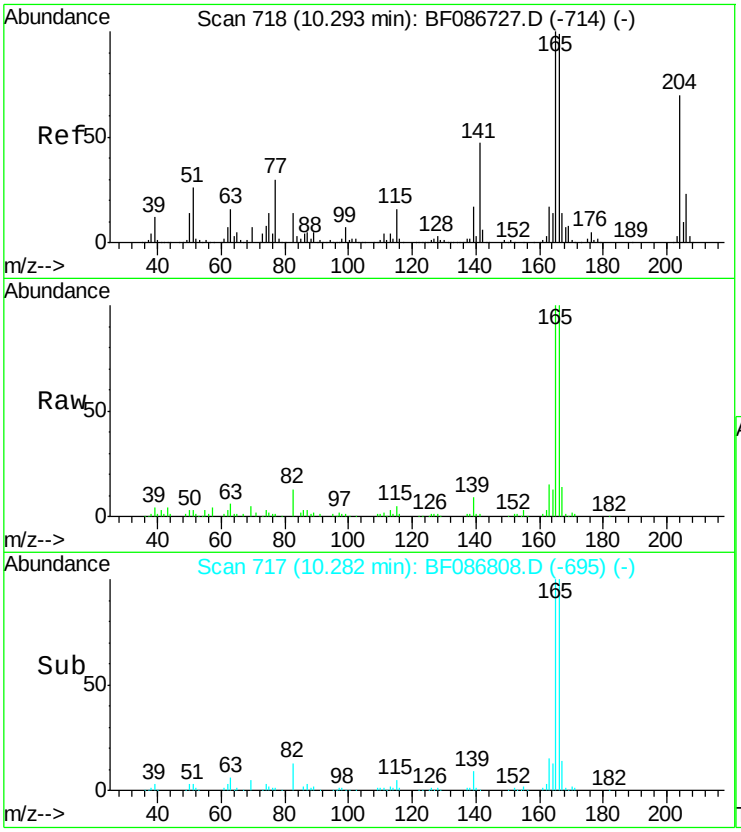


#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:165 Resp: 40968

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



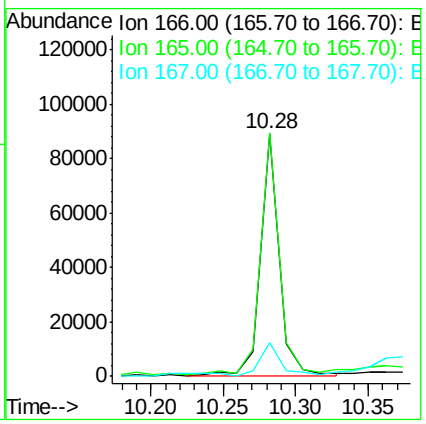


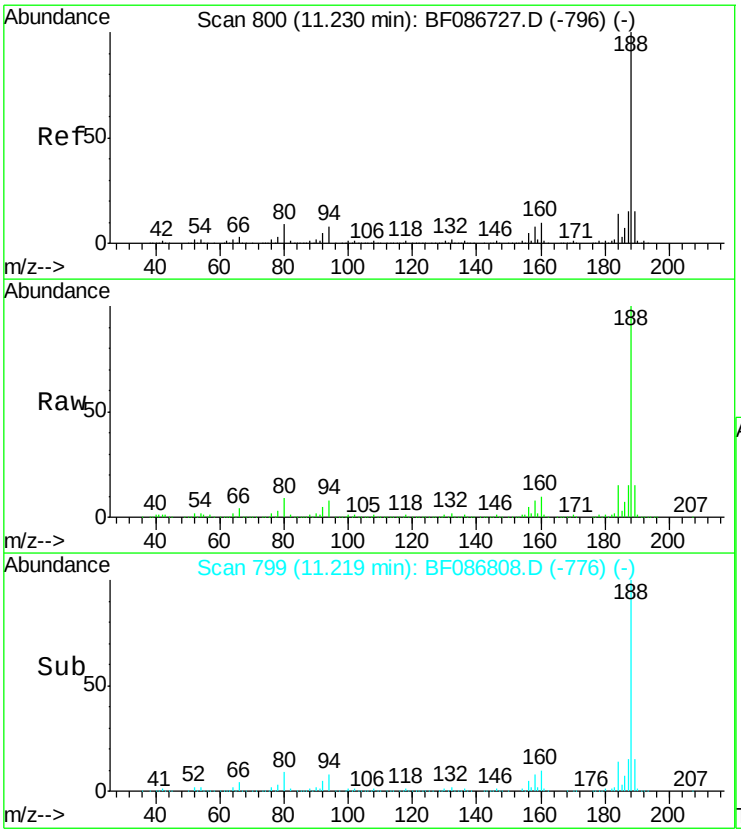
#57
Fluorene
Concen: 4.23 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:166 Resp: 80809

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.0	118.6
167	14.1	10.6	15.8

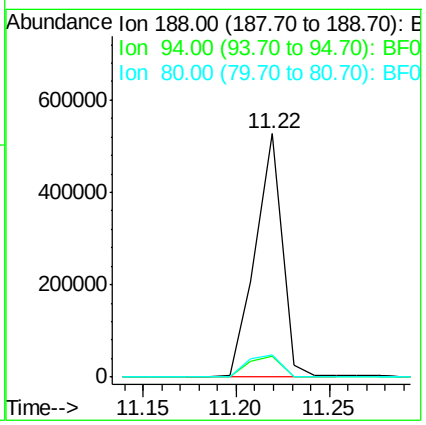


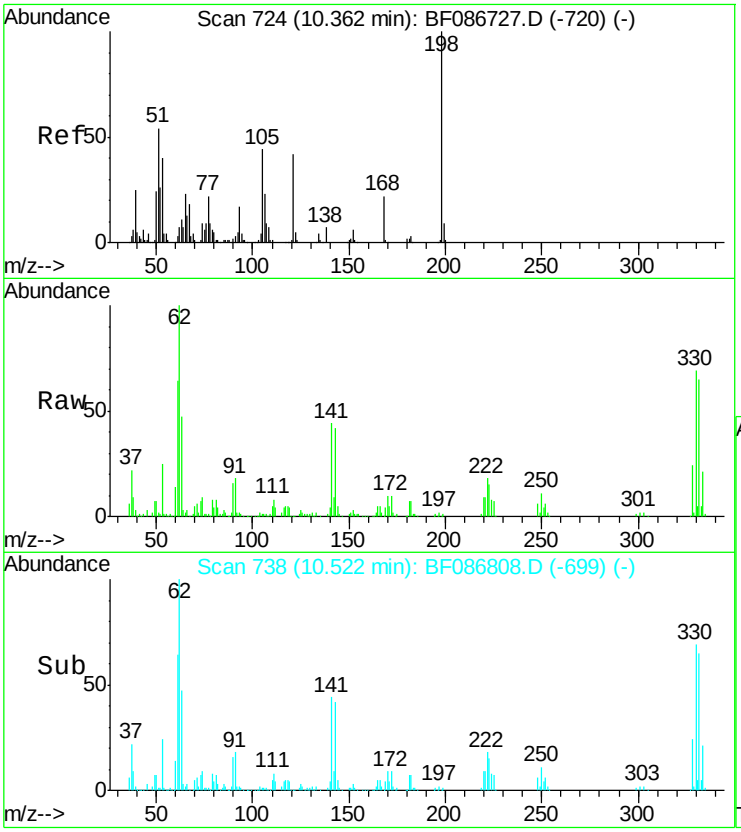


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:188 Resp: 528189

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.9	7.1	10.7



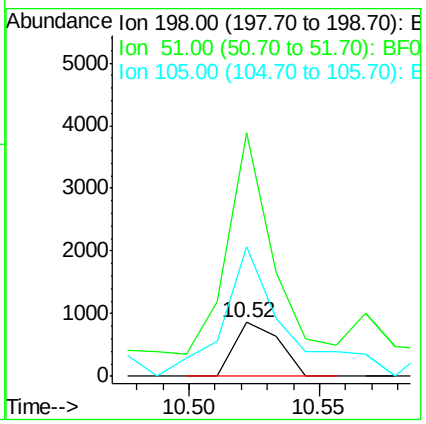


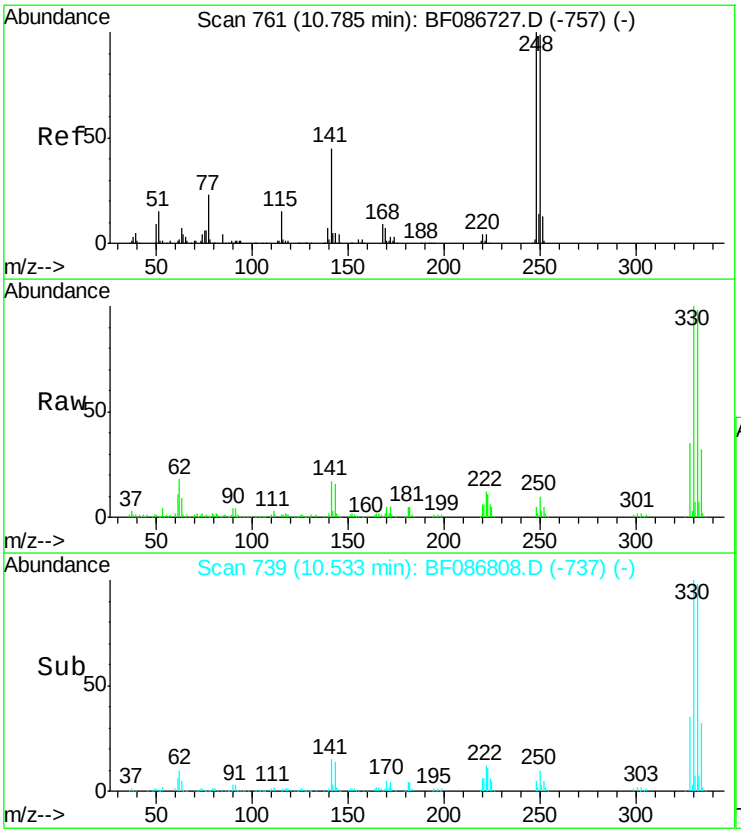
#64
4,6-Dinitro-2-methylphenol
Concen: 5.65 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.15 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:198 Resp: 1026

Ion	Ratio	Lower	Upper
198	100		
51	454.5	20.5	60.5#
105	242.9	24.5	64.5#

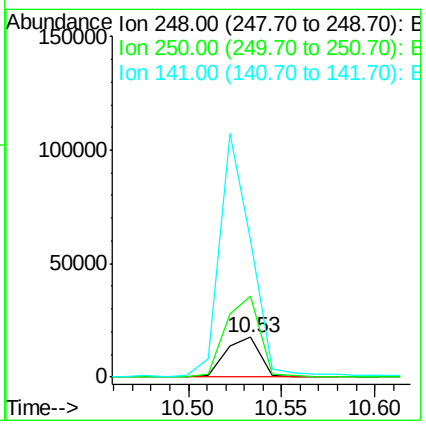


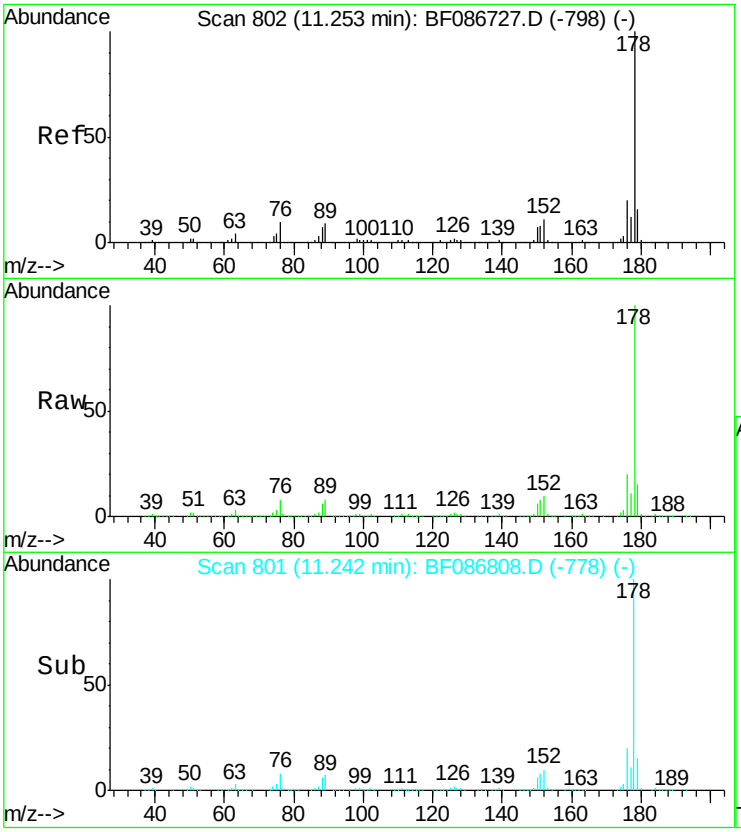


#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:248 Resp: 22402

Ion	Ratio	Lower	Upper
248	100		
250	204.6	78.6	117.8#
141	347.9	76.0	114.0#



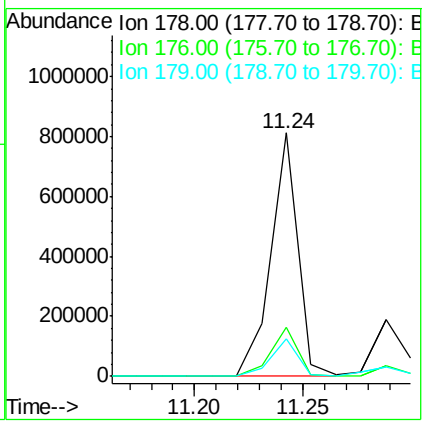


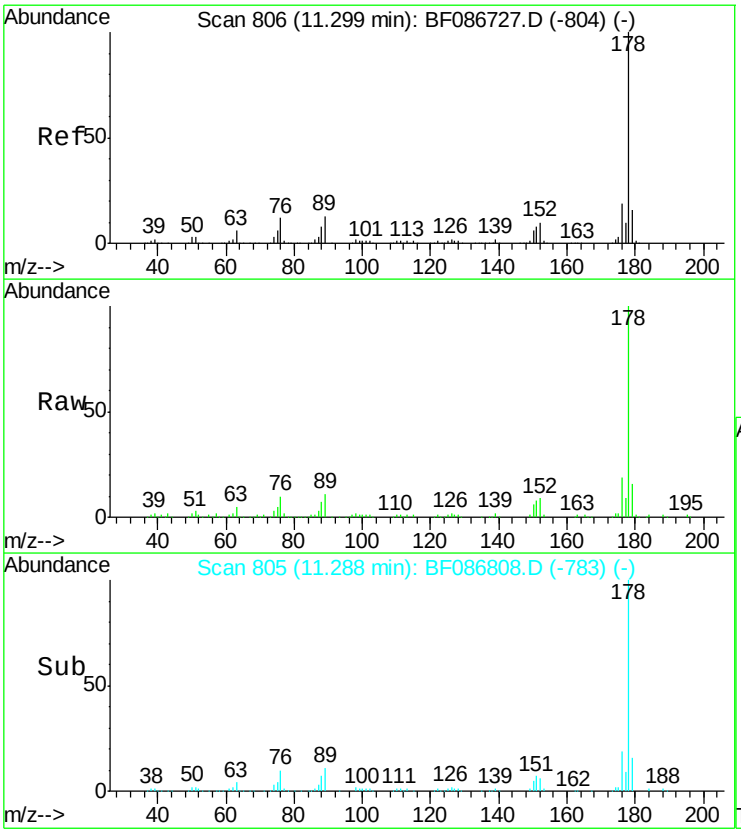
#70
Phenanthrene
Concen: 25.09 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:178 Resp: 711957

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.3	12.6	18.8

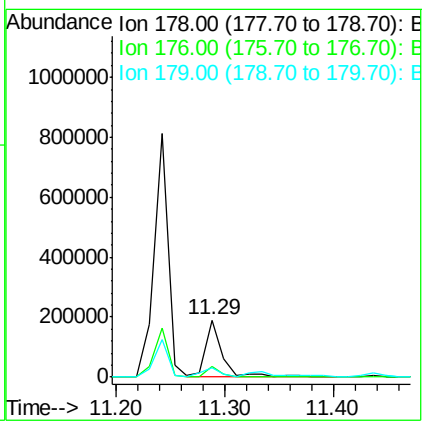


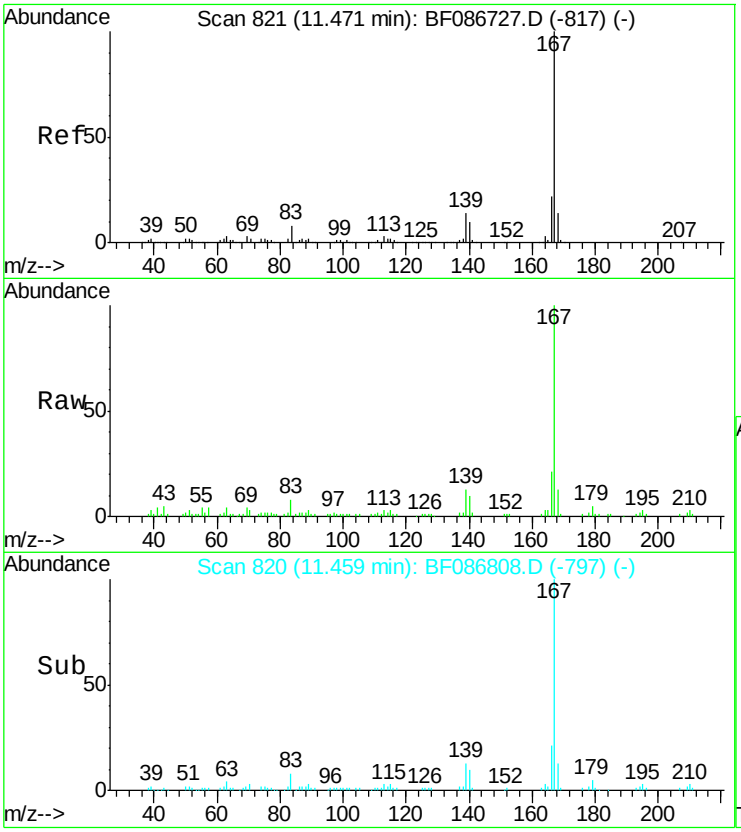


#71
Anthracene
Concen: 6.85 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:178 Resp: 203620

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.1	12.7	19.1



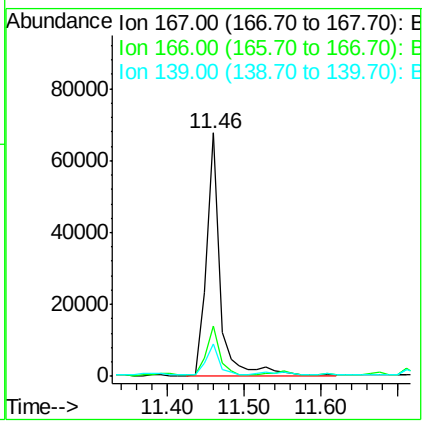


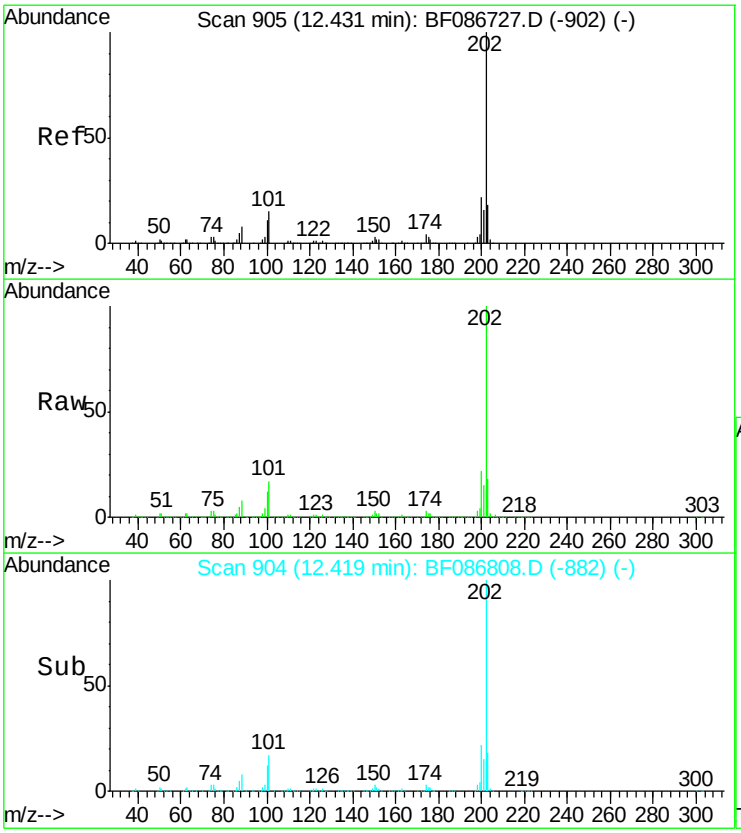
#72
Carbazole
Concen: 3.28 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:167 Resp: 84680

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.7	26.5
139	13.1	10.8	16.2

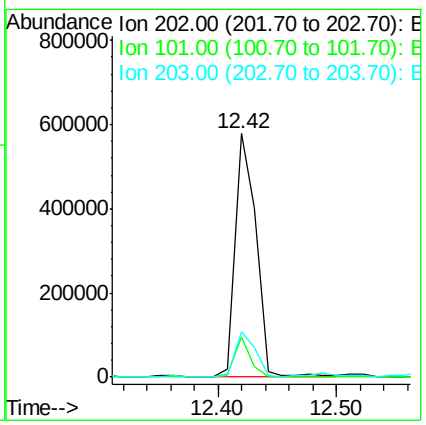


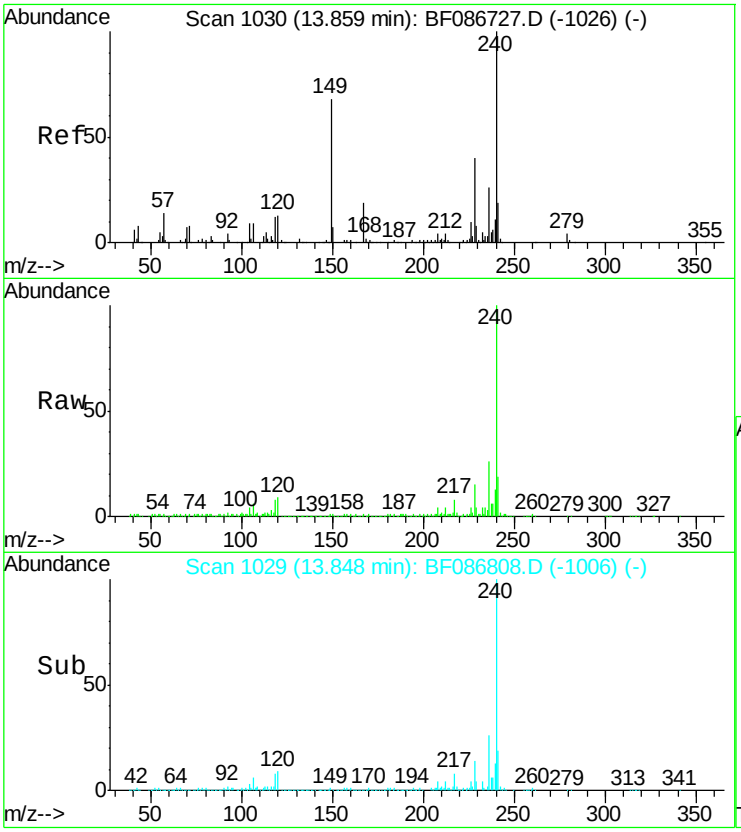


#74
Fluoranthene
Concen: 24.79 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:202 Resp: 704709

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	35.4
203	18.3	0.0	38.1



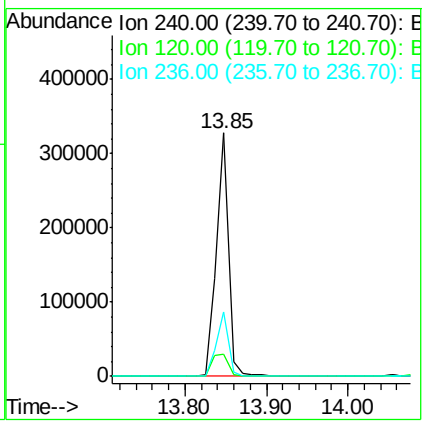


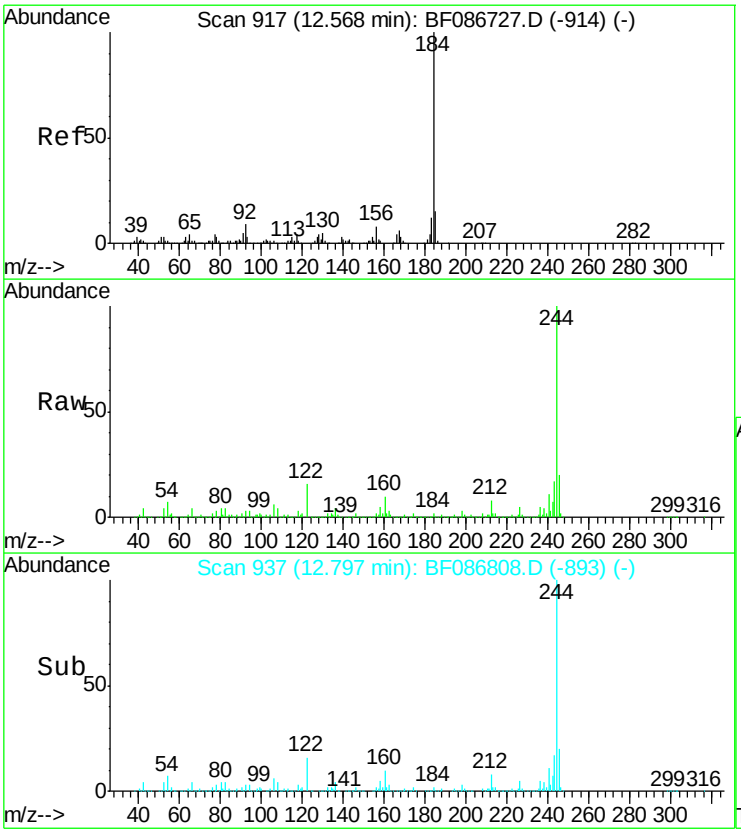
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:240 Resp: 341638

Ion	Ratio	Lower	Upper
240	100		
120	9.2	11.2	16.8#
236	26.4	21.2	31.8

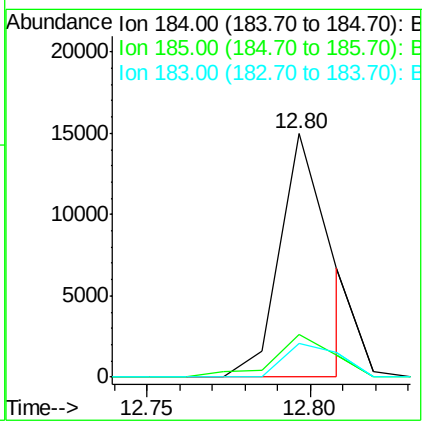


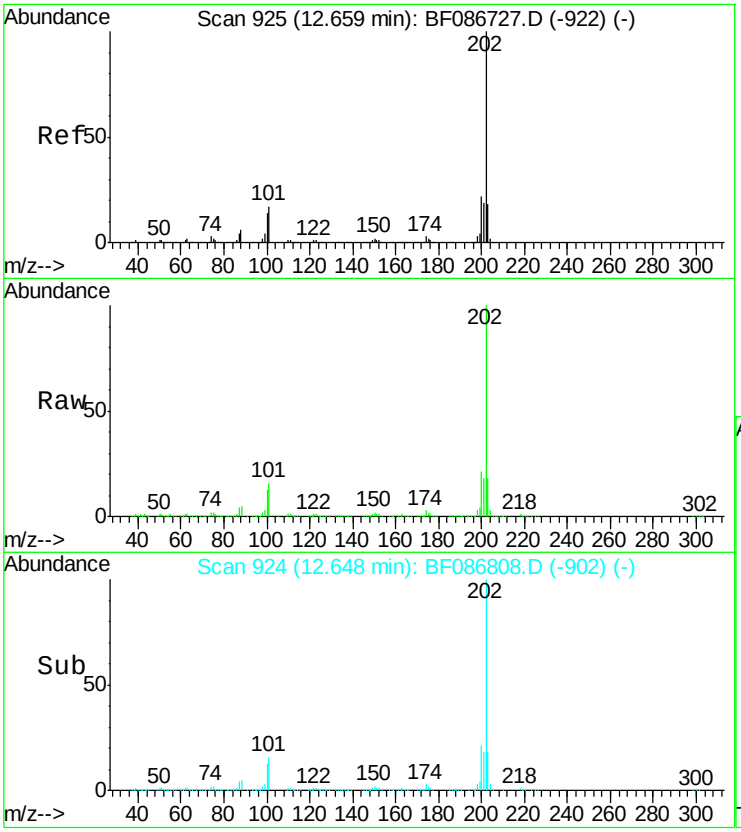


#76
Benzidine
Concen: 8.55 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.21 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:184 Resp: 15978

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.6	20.4
183	14.1	9.8	14.6



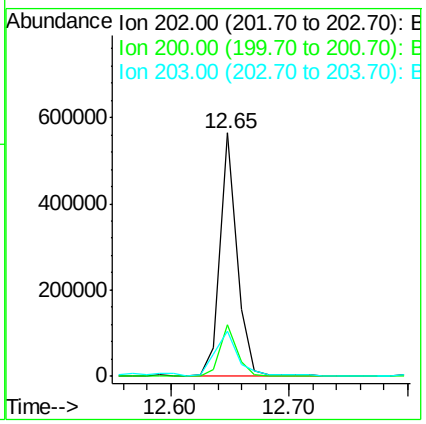


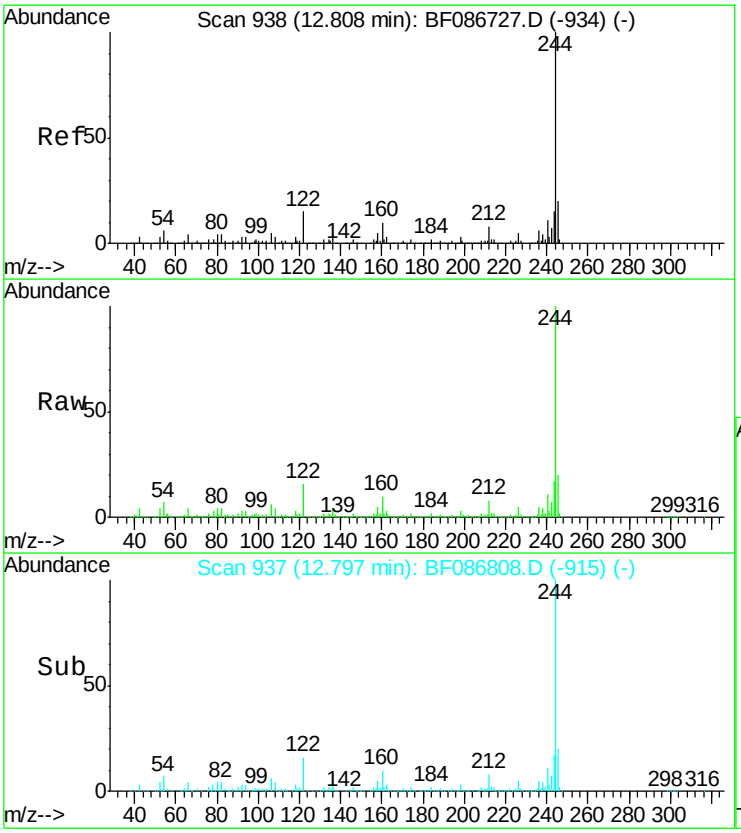
#77
Pyrene
Concen: 20.20 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:202 Resp: 550088

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.5	14.2	21.4

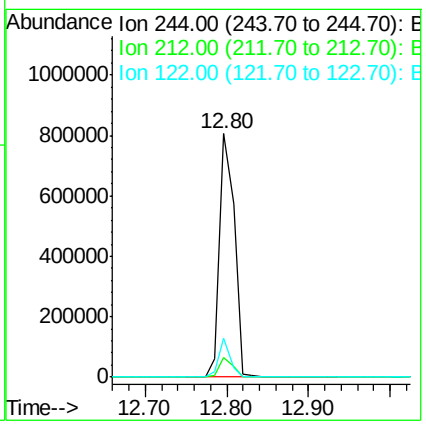


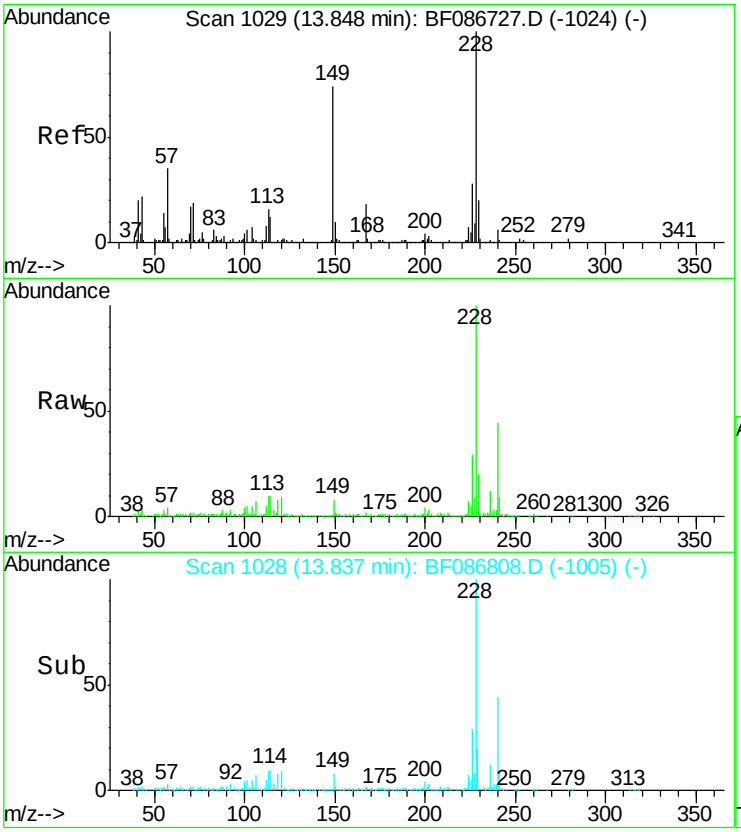


#78
Terphenyl-d14
Concen: 59.68 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:244 Resp: 1008824

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	16.0	12.0	18.0



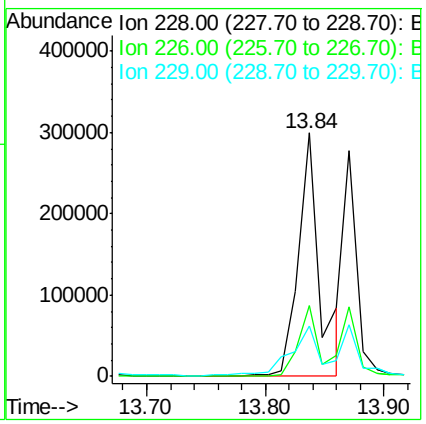


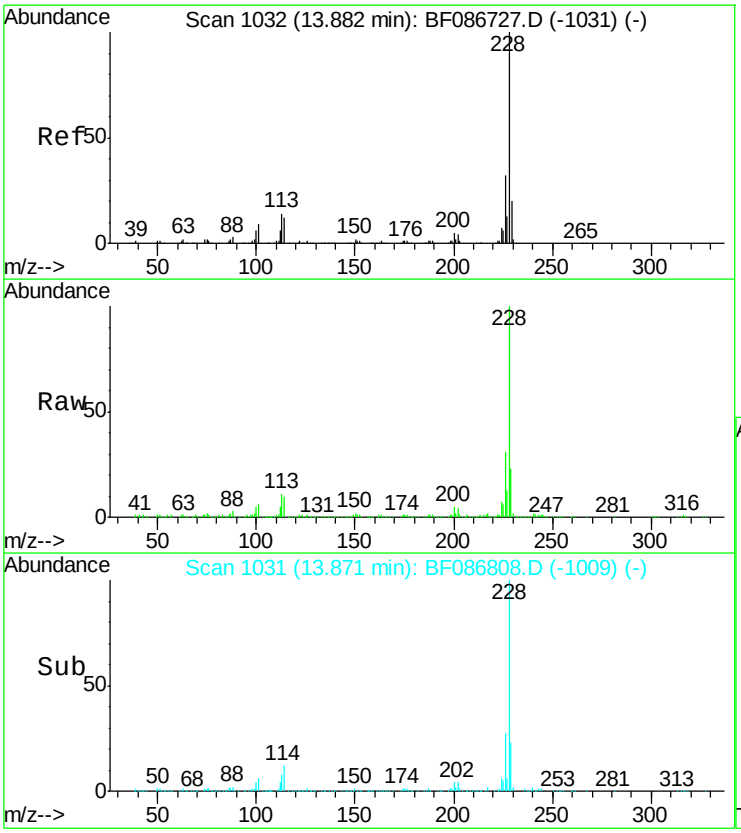
#80
Benzo(a)anthracene
Concen: 19.29 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:228 Resp: 372797

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	20.5	16.6	25.0

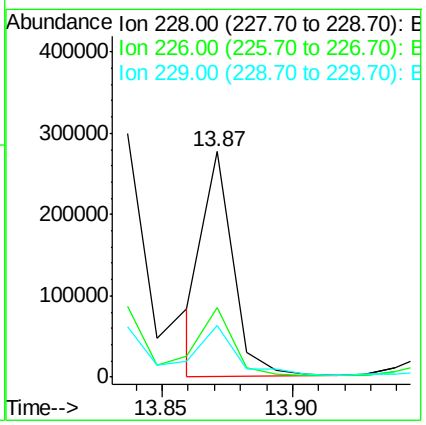


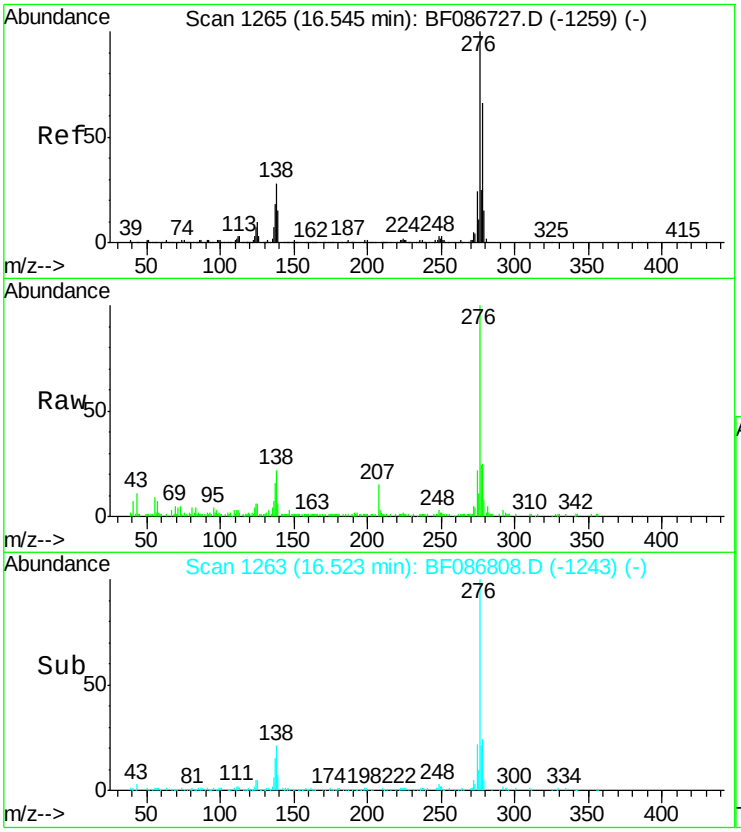


#82
Chrysene
Concen: 10.52 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:228 Resp: 216910

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.9	15.8	23.8



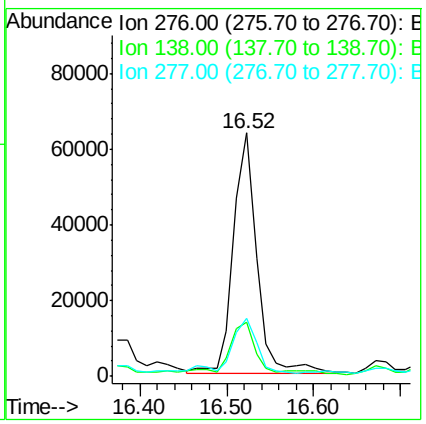


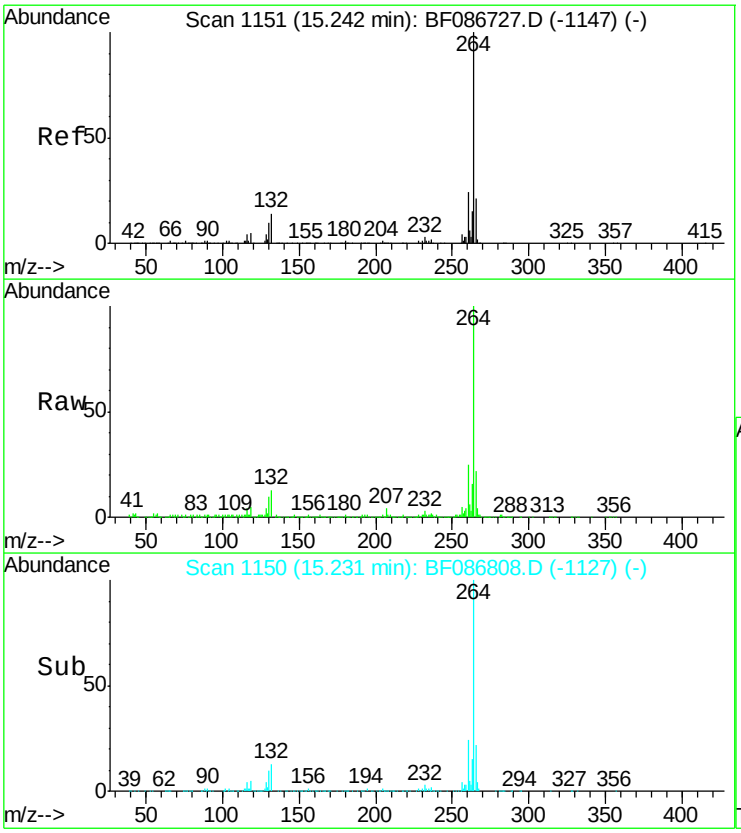
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.81 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:276 Resp: 120407

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.6	38.4#
277	28.4	20.5	30.7

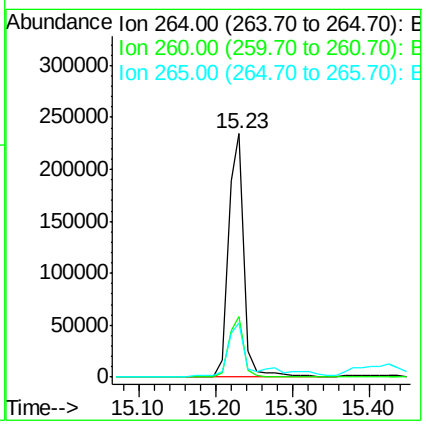


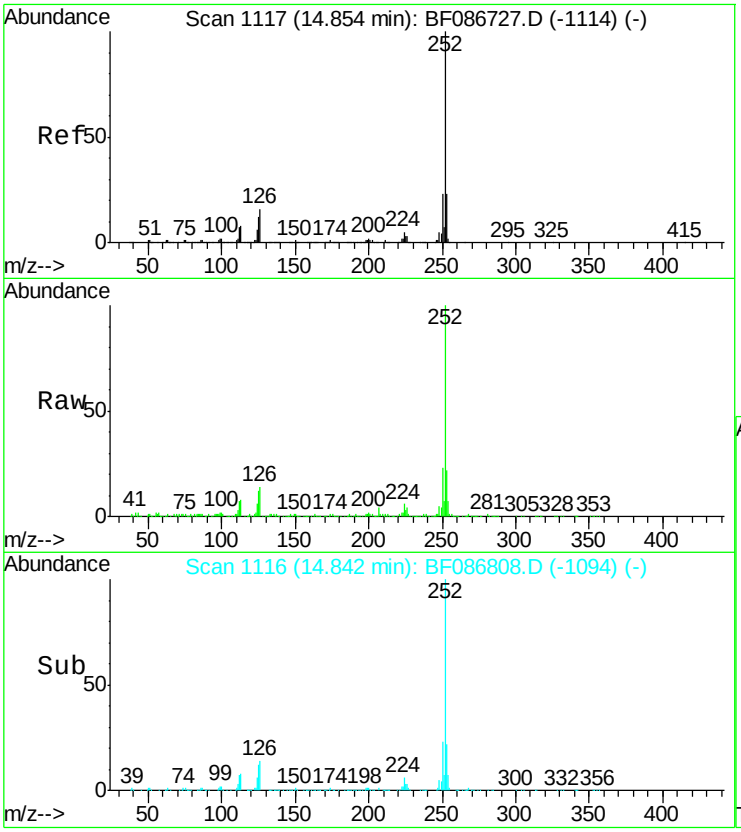


#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:264 Resp: 335179

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.1	17.3	25.9



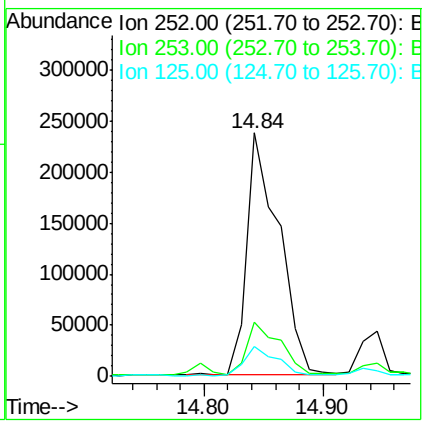


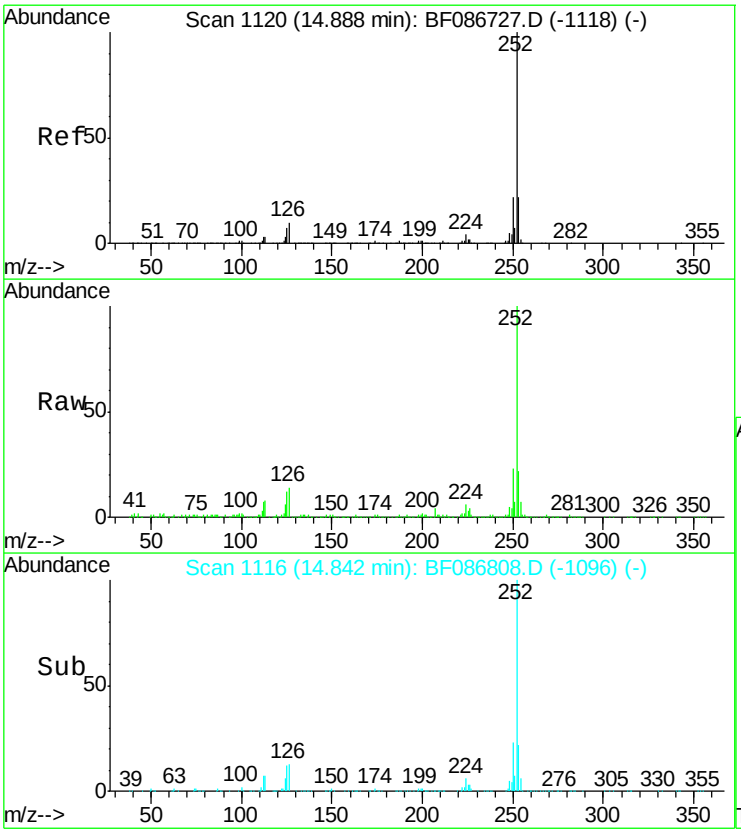
#87
Benzo(b)fluoranthene
Concen: 22.24 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:252 Resp: 447835

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.3	11.4	17.0

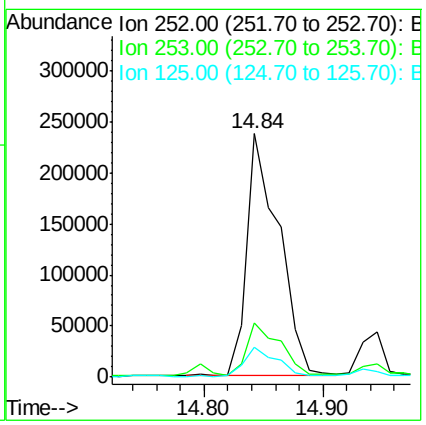


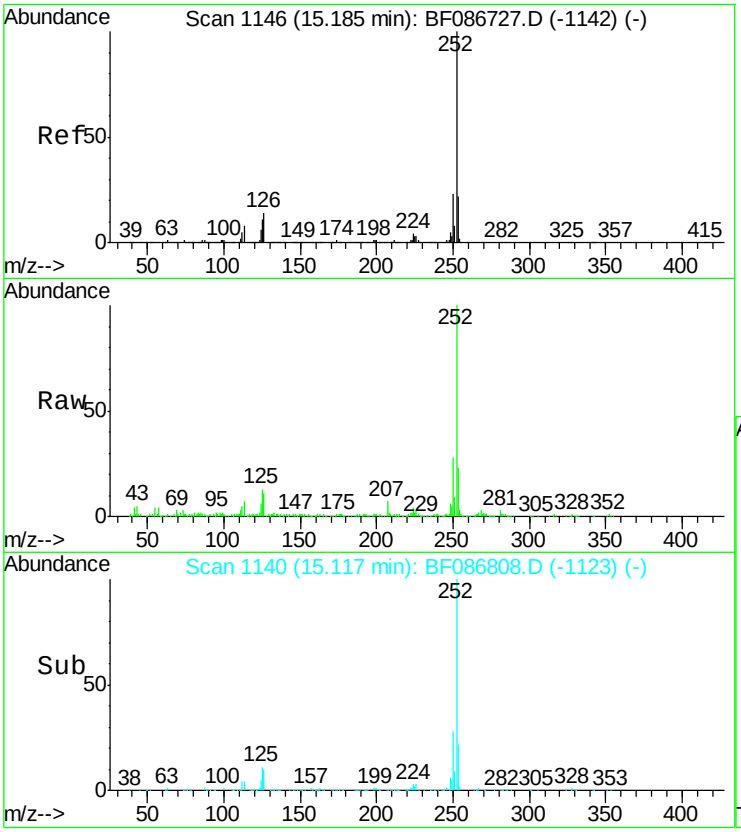


#88
Benzo(k)fluoranthene
Concen: 23.60 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.07 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:252 Resp: 447835

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.3	9.1	13.7



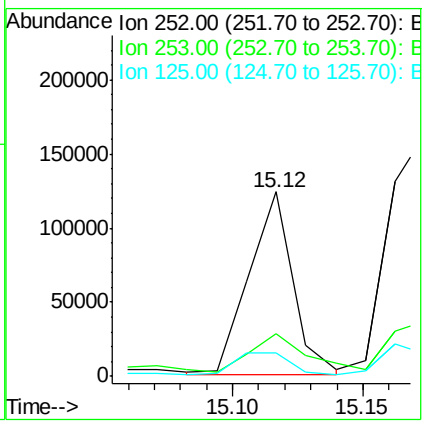


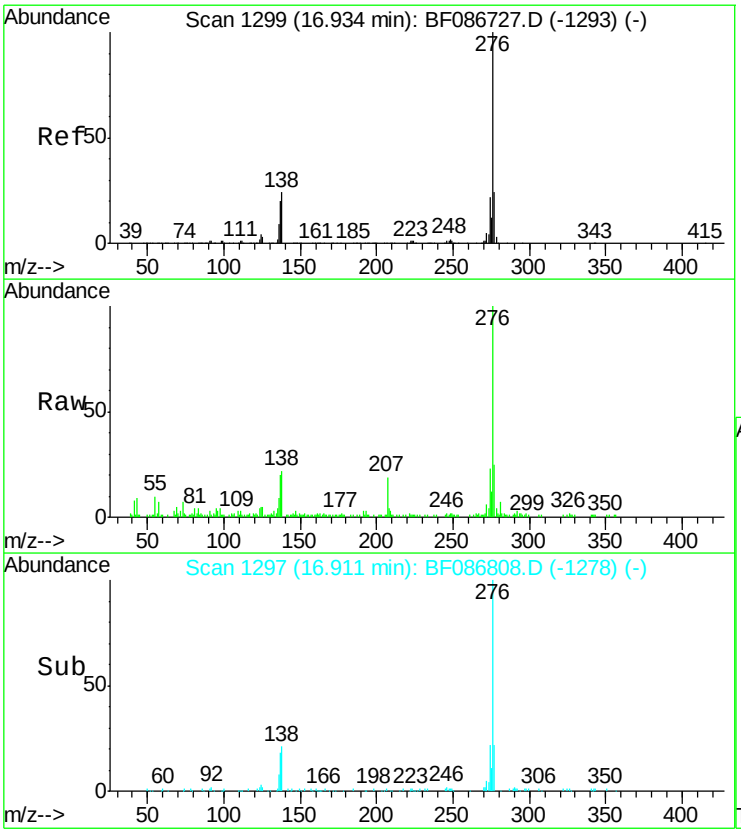
#89
Benzo(a)pyrene
Concen: 7.78 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.10 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:252 Resp: 144374

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.8	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 5.11 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:276 Resp: 95650

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	22.4	23.6	35.4#