Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086809.D
Acq On : 8 May 2016 8:09
Operator : UM/SJ
Sample : H2720-12
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS6

Quant Time: May 09 00:57:10 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	190875	40.00	ng		-0.03
21) Naphthalene-d8	7.98	136	716480	40.00	ng		-0.05
38) Acenaphthene-d10	9.73	164	311112	40.00	ng		-0.05
63) Phenanthrene-d10	11.22	188	547645	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	354988	40.00	ng		-0.03
86) Perylene-d12	15.23	264	324478	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1598732	138.66	ng		0.00
7) Phenol-d6	6.37	99	1871196	120.48	ng		0.00
23) Nitrobenzene-d5	7.28	82	1272263	91.25	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	463666	152.35	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1844120	97.17	ng		-0.03
78) Terphenyl-d14	12.81	244	1368823	77.93	ng		-0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	6.85	79	24229	2.41	ng	#	43
19) n-Nitroso-di-n-propylamine	7.28	70	182411	17.19	ng	#	71
25) Isophorone	7.28	82	1238204	47.69	ng	#	68
32) Benzoic acid	7.81	122	253	8.46	ng	#	46
49) Dimethylphthalate	9.47	163	301055	12.98	ng		99
56) 2,4-Dinitrotoluene	9.73	165	39939	6.48	ng	#	16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1226	5.72	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	28355	5.21	ng	#	1
70) Phenanthrene	11.24	178	330623	11.24	ng		99
71) Anthracene	11.29	178	61826	2.01	ng		97
74) Fluoranthene	12.42	202	494985	16.79	ng		99
76) Benzidine	12.80	184	21166	8.95	ng		98
77) Pyrene	12.65	202	394380	13.94	ng		99
80) Benzo(a)anthracene	13.84	228	179503	8.94	ng		96
82) Chrysene	13.84	228	179503	8.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.52	276	87947	4.79	ng	#	89
87) Benzo(b)fluoranthene	14.84	252	308526	15.82	ng		97
88) Benzo(k)fluoranthene	14.84	252	308526	16.79	ng		98
89) Benzo(a)pyrene	15.12	252	99032	5.51	ng		96
91) Benzo(g,h,i)perylene	16.91	276	75048	4.14	ng		94

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

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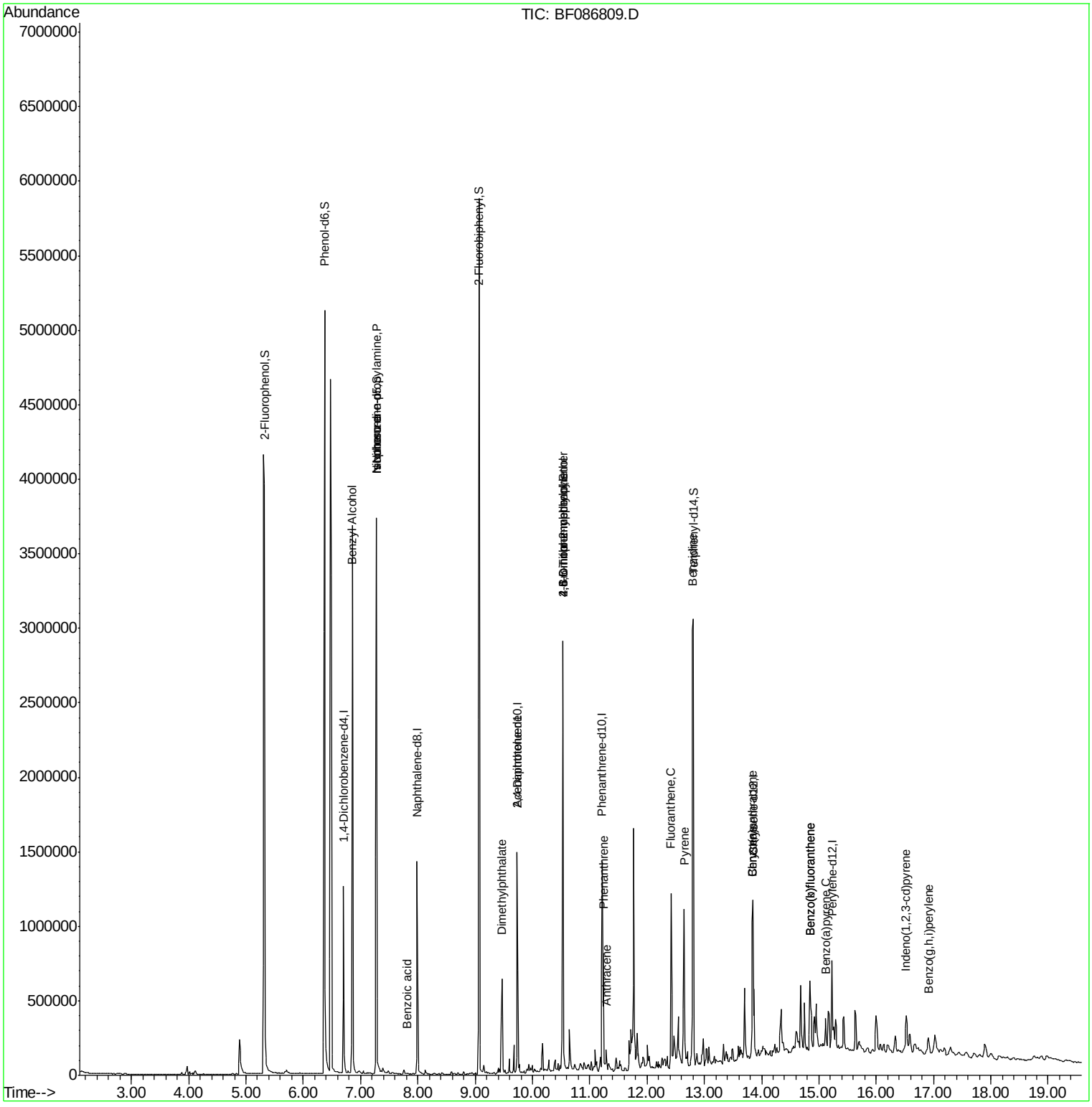
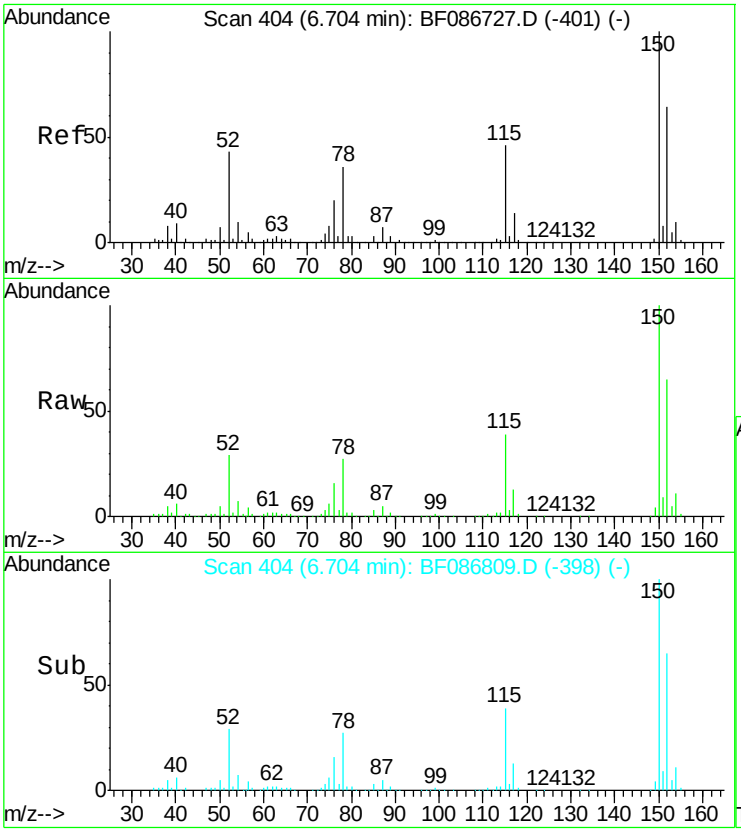


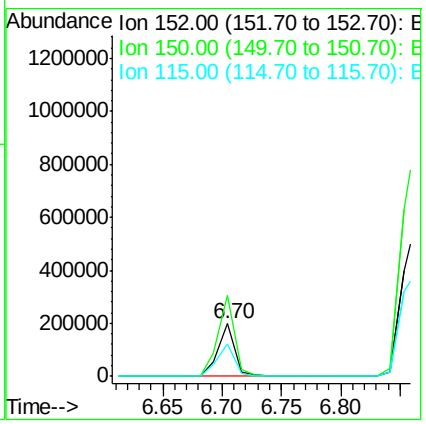


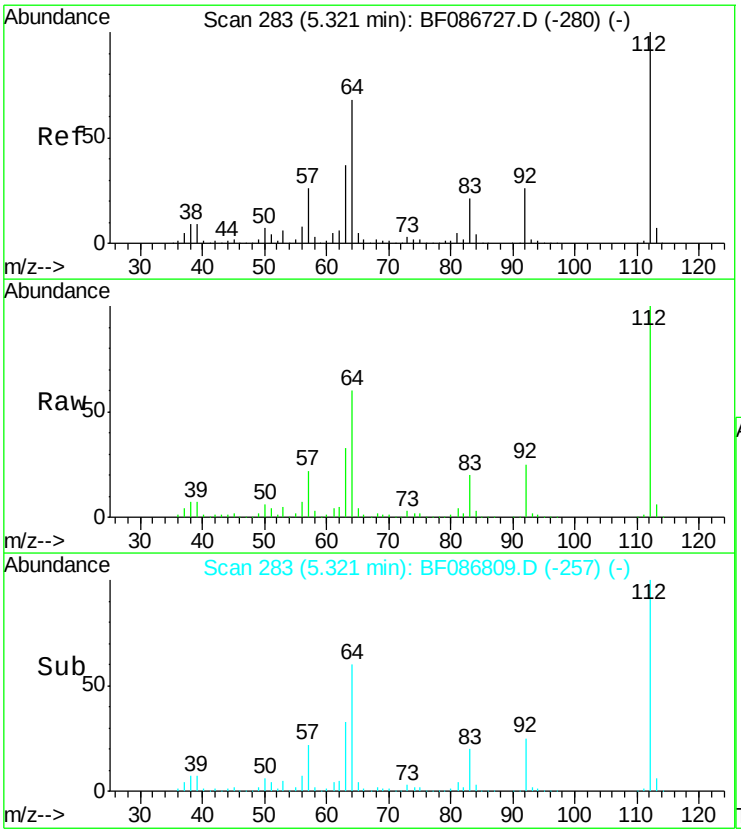
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:152 Resp: 190875

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.8	188.6
115	61.2	51.5	77.3

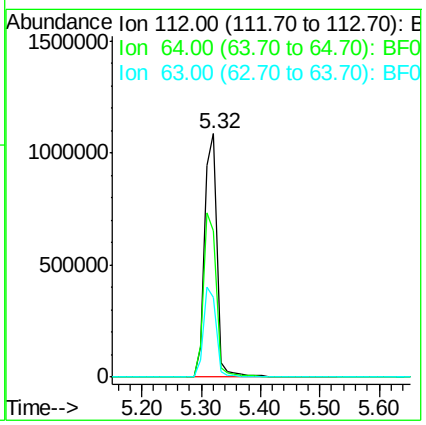


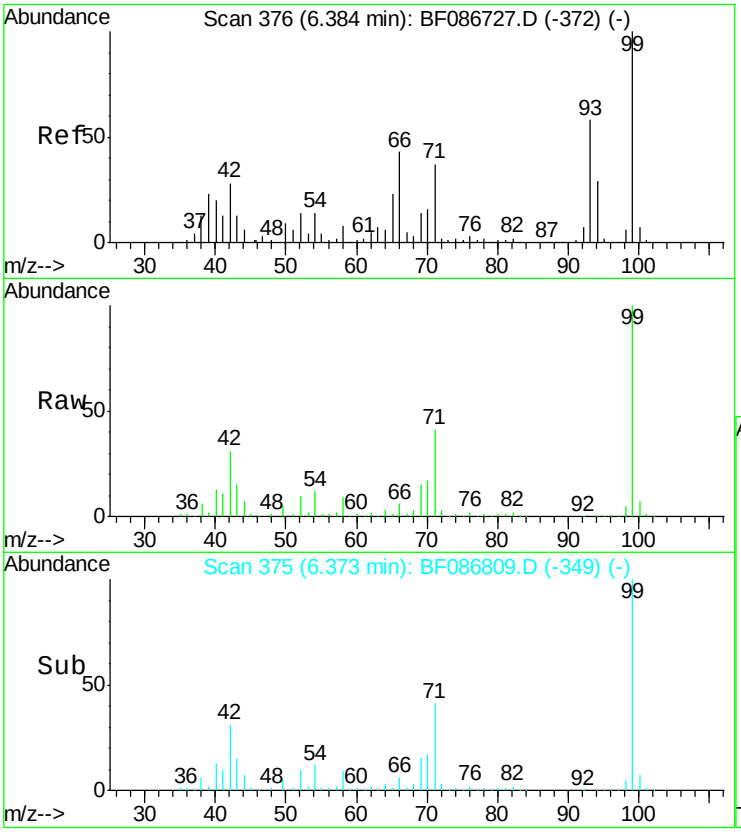


#5
2-Fluorophenol
Concen: 138.66 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:112 Resp: 1598732

Ion	Ratio	Lower	Upper
112	100		
64	60.3	52.1	78.1
63	32.8	25.7	38.5



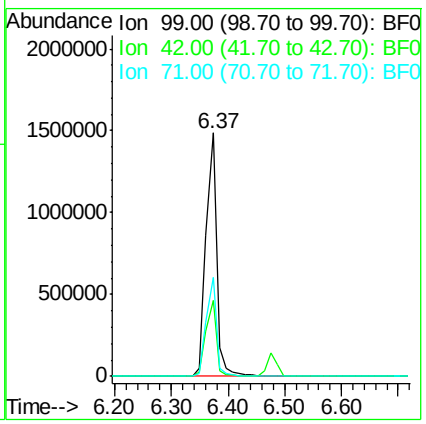


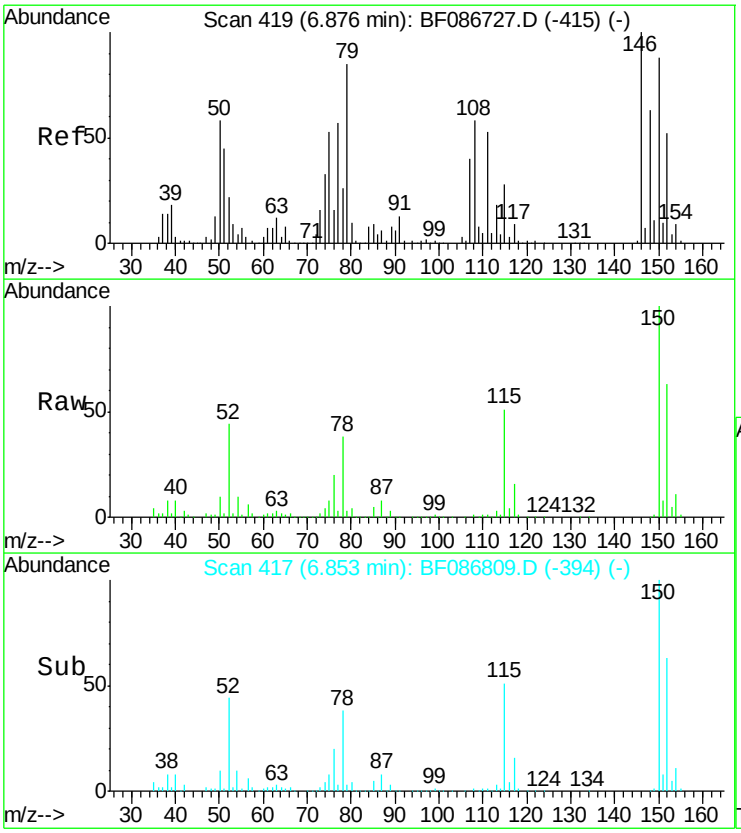
#7
Phenol-d6
Concen: 120.48 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion: 99 Resp: 1871196

Ion	Ratio	Lower	Upper
99	100		
42	31.2	13.6	20.4#
71	40.6	24.6	36.8#

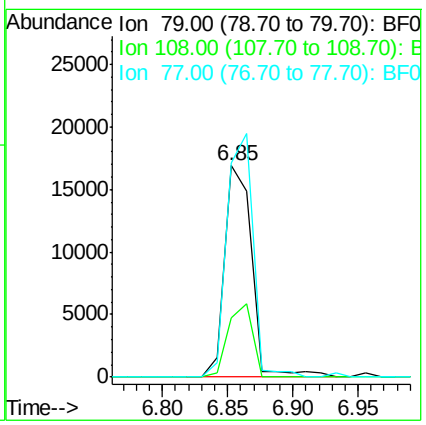


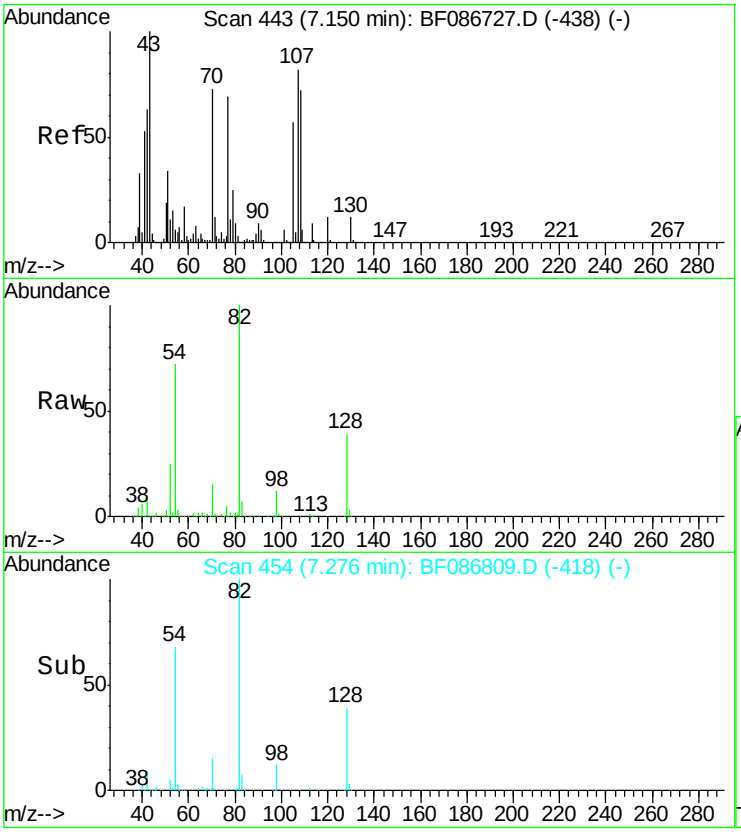


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion: 79 Resp: 24229

Ion	Ratio	Lower	Upper
79	100		
108	28.2	68.4	102.6#
77	101.7	50.6	76.0#



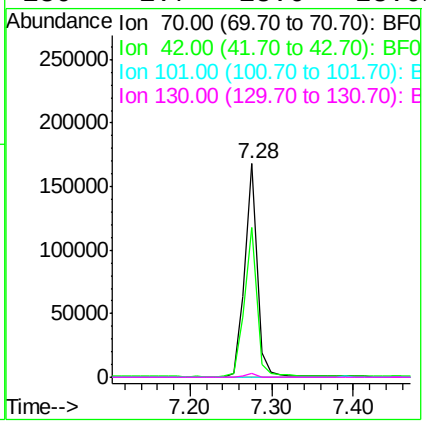


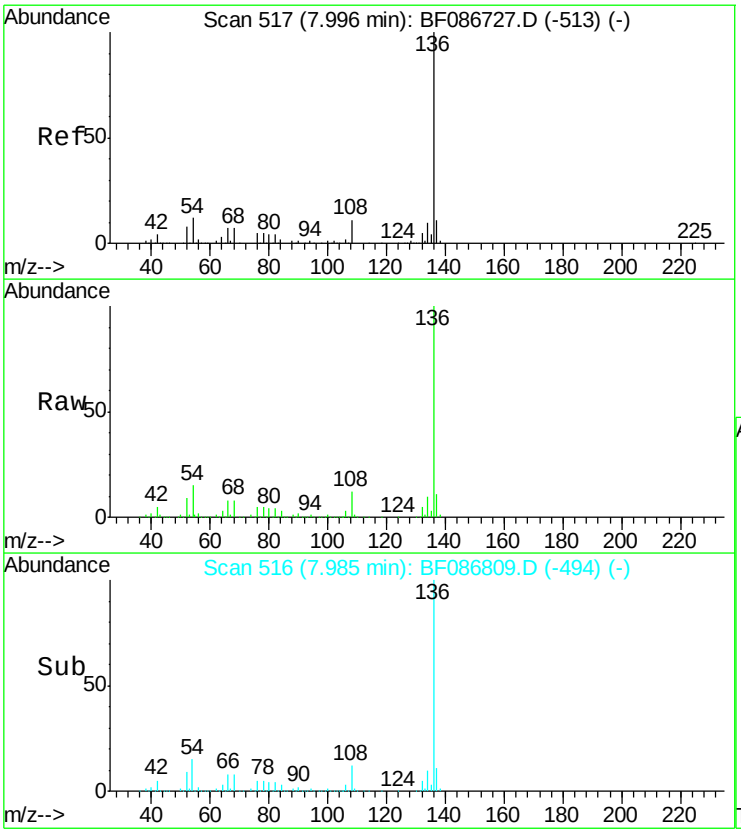
#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion: 70 Resp: 182411

Ion	Ratio	Lower	Upper
70	100		
42	69.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

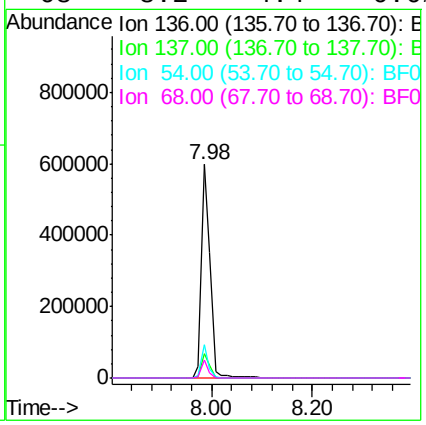


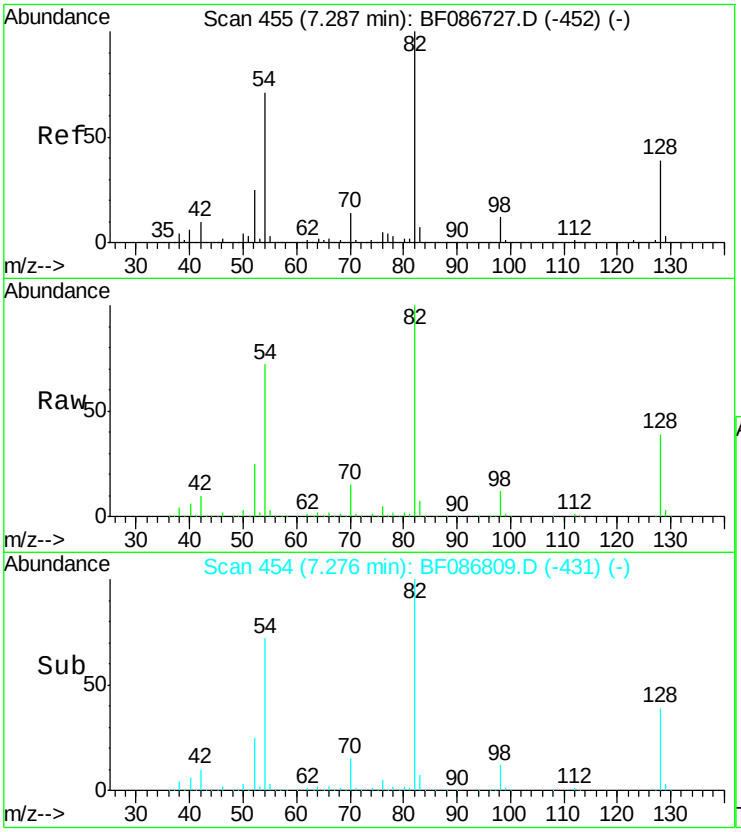


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:136 Resp: 716480

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.5	5.0	7.4#
68	8.2	4.4	6.6#



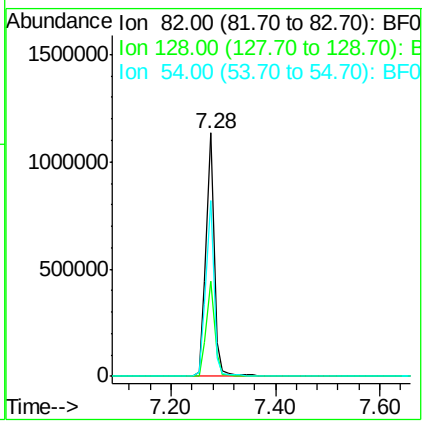


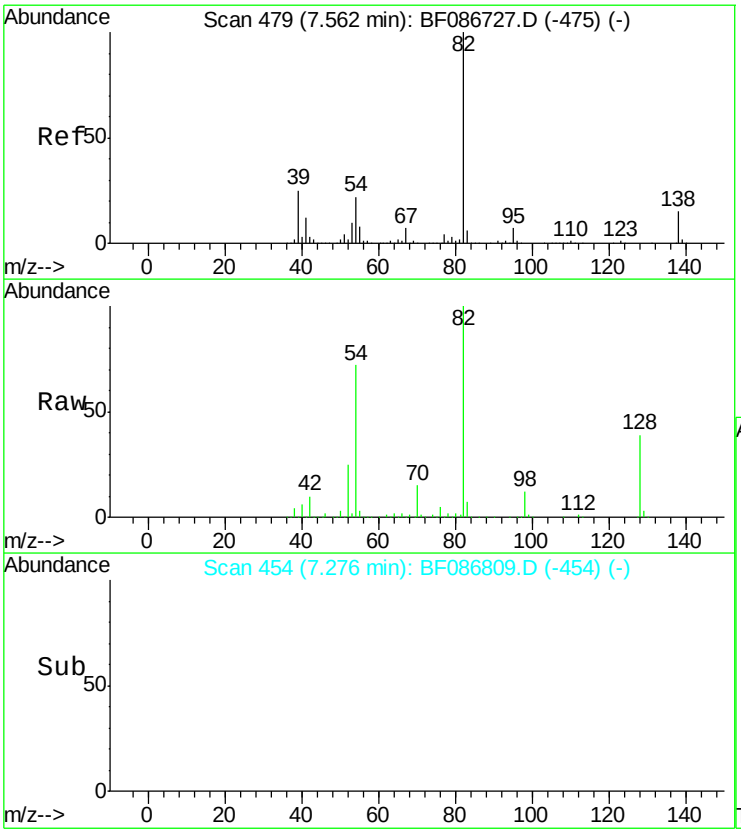
#23
Nitrobenzene-d5
Concen: 91.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion: 82 Resp: 1272263

Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	72.4	38.1	57.1#

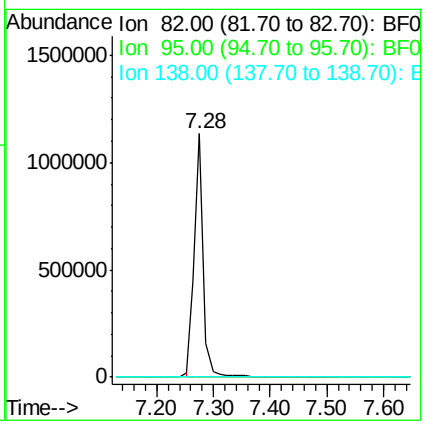


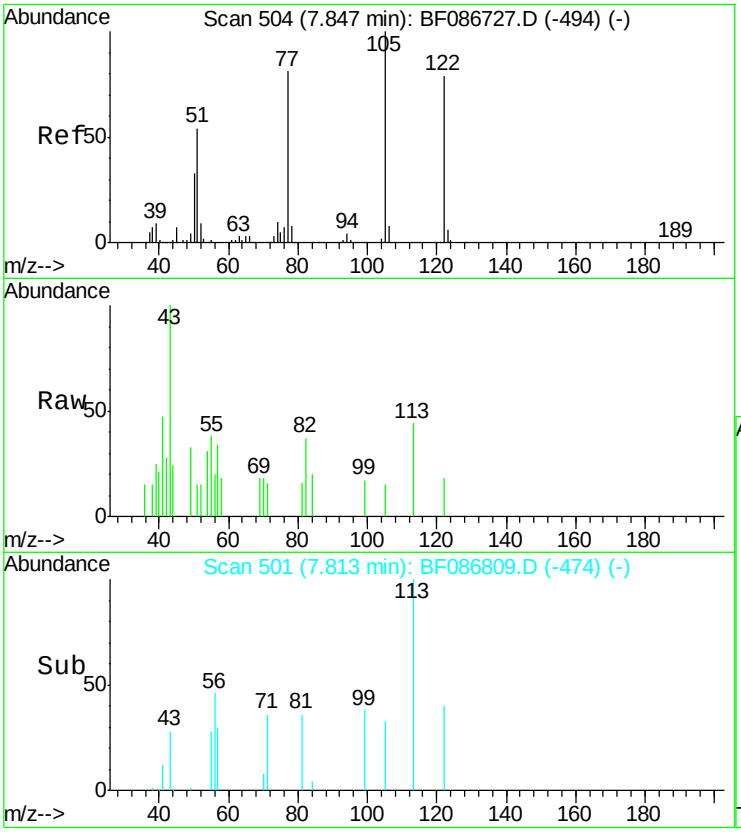


#25
Isophorone
Concen: 47.69 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion: 82 Resp: 1238204

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



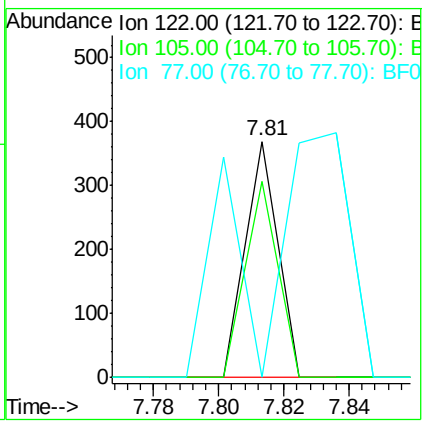


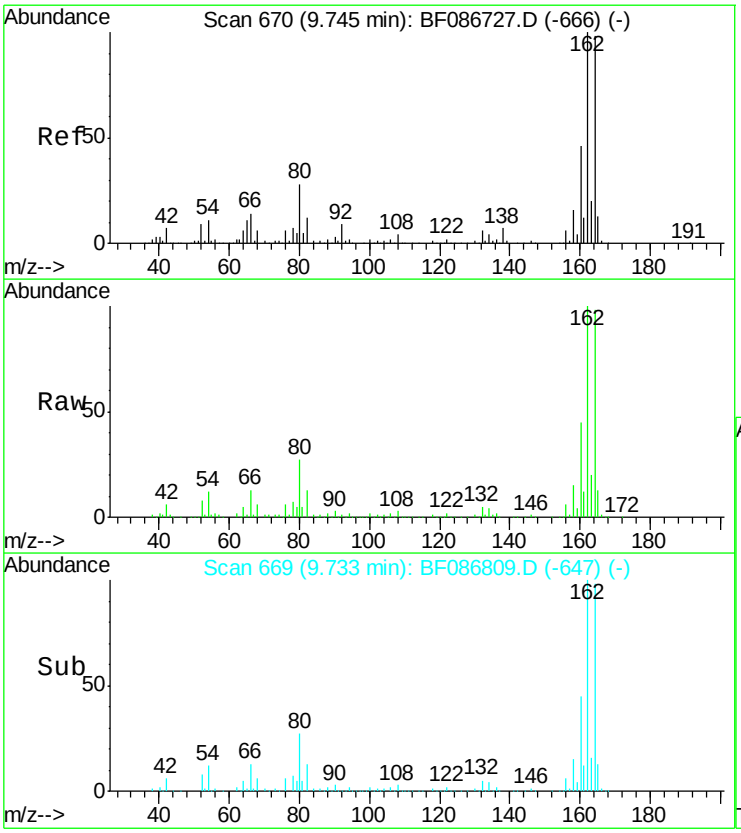
#32
Benzoic acid
Concen: 8.46 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:122 Resp: 253

Ion	Ratio	Lower	Upper
122	100		
105	82.9	92.6	132.6#
77	0.0	60.0	100.0#

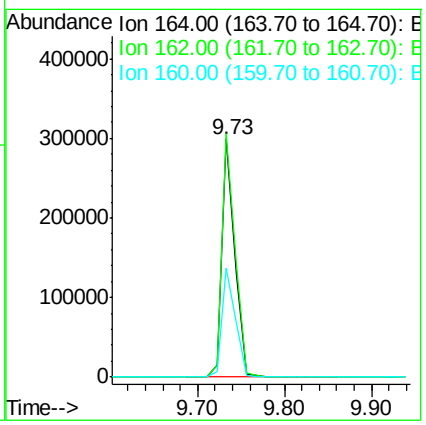


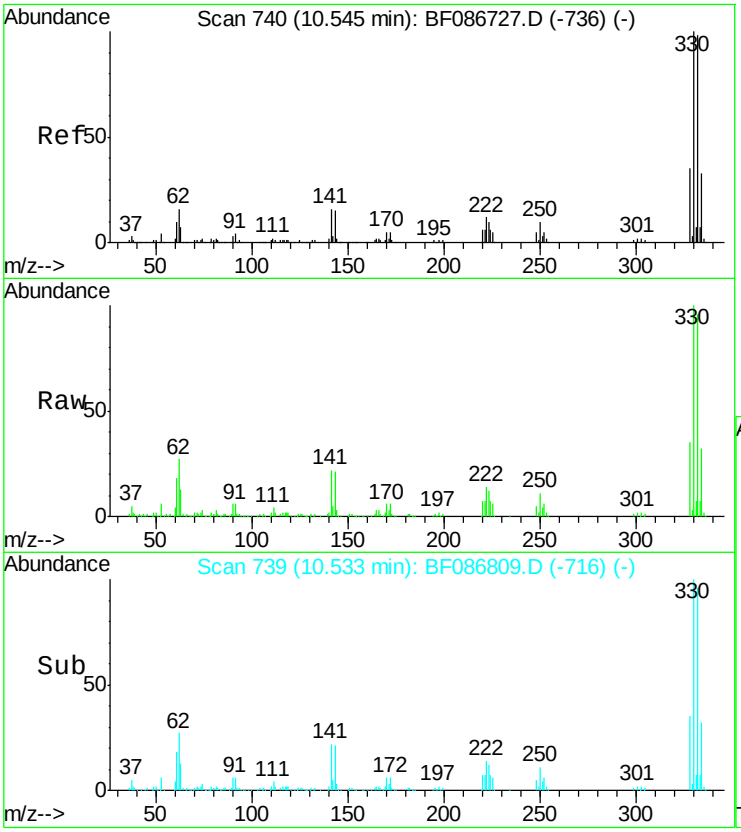


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:164 Resp: 311112

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	45.9	36.9	55.3



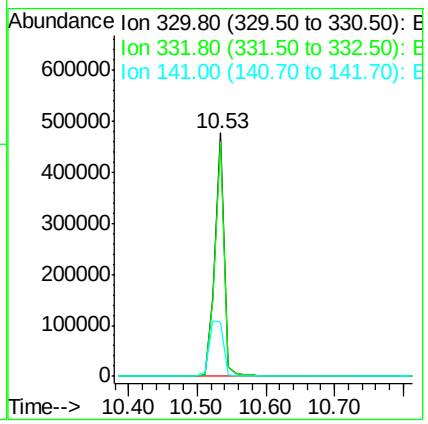


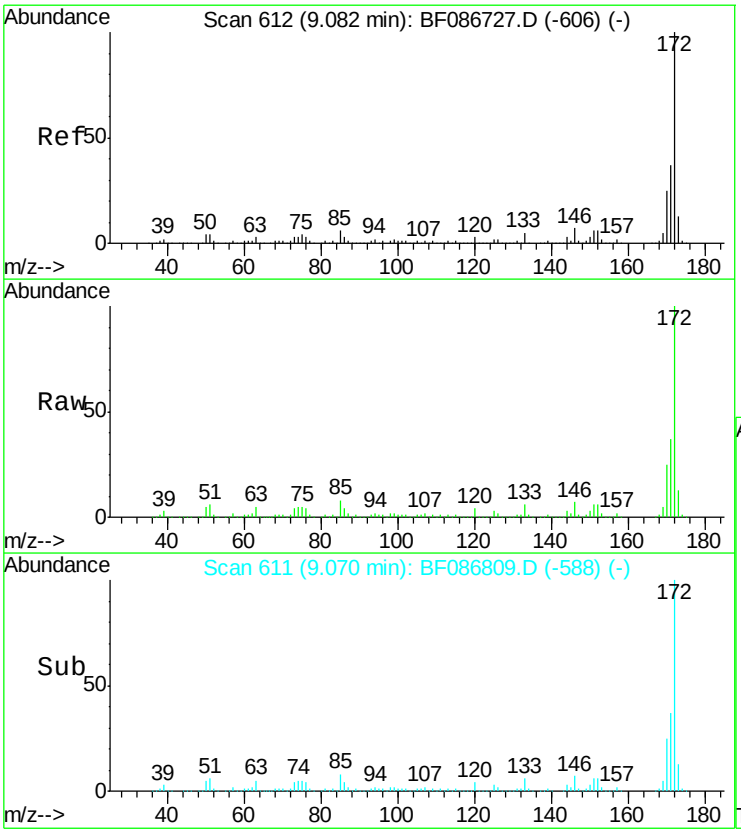
#41
2,4,6-Tribromophenol
Concen: 152.35 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:330 Resp: 463666

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	34.6	31.2	46.8

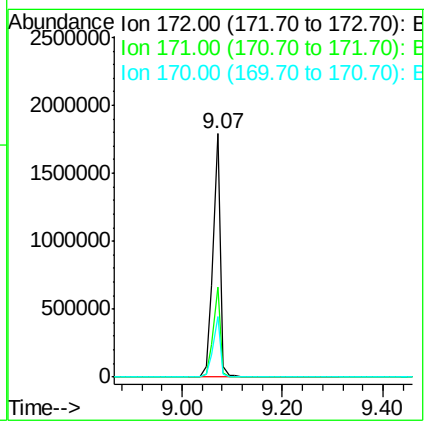


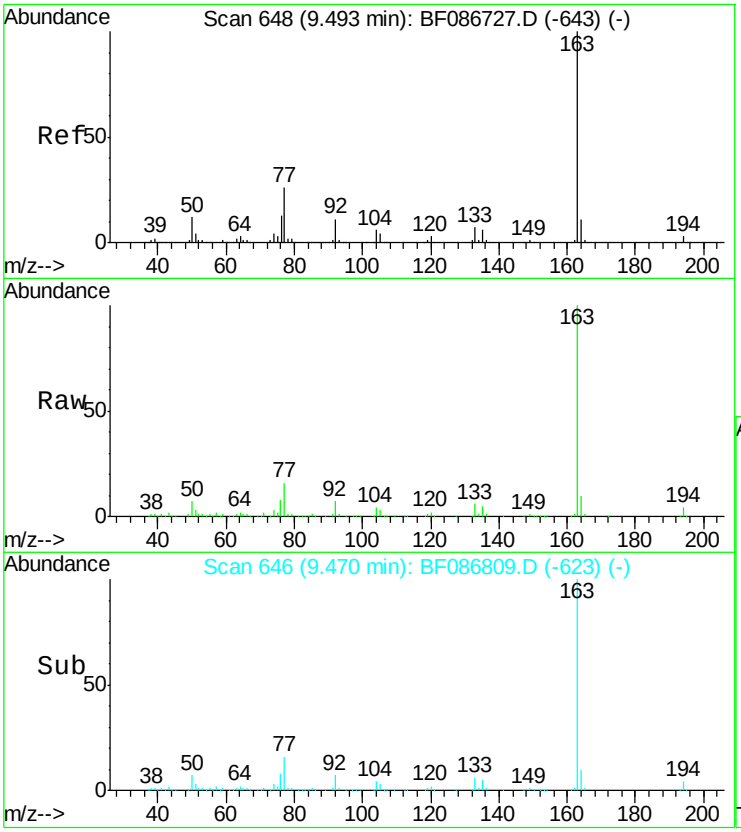


#44
2-Fluorobiphenyl
Concen: 97.17 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:172 Resp: 1844120

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8



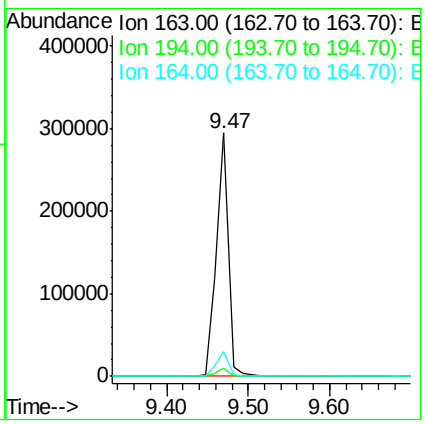


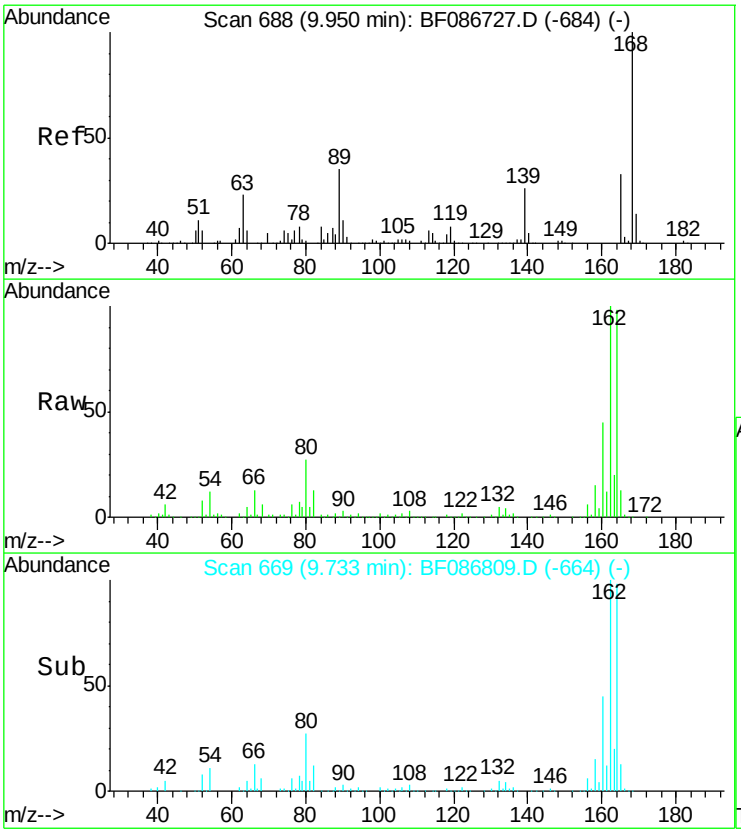
#49
Dimethylphthalate
Concen: 12.98 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:163 Resp: 301055

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.2	12.4

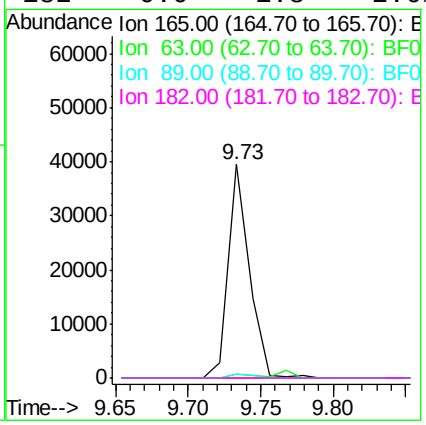


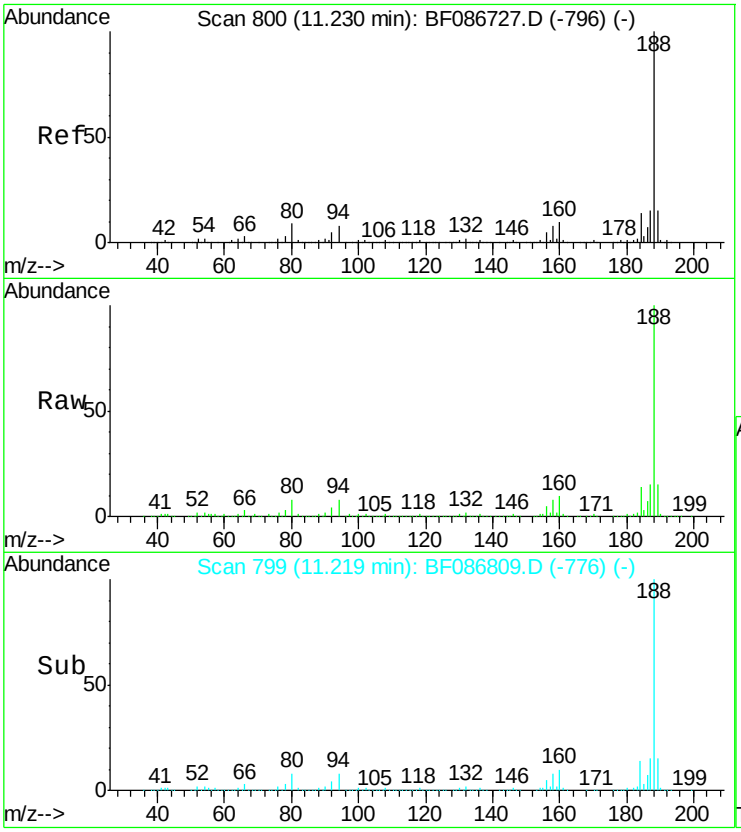


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:165 Resp: 39939

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



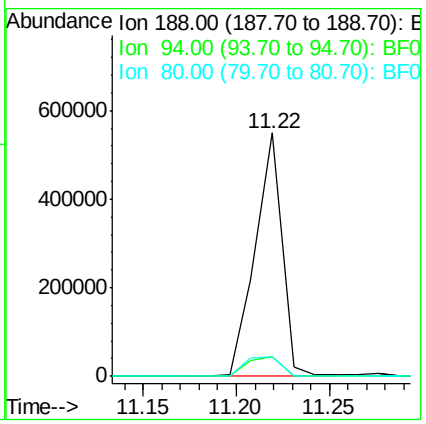


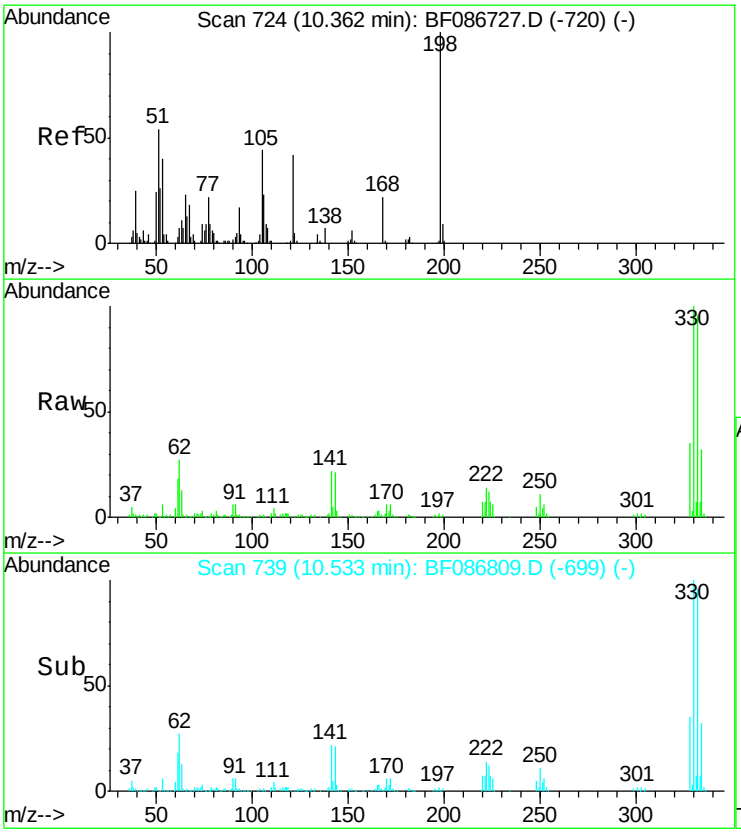
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:188 Resp: 547645

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.1	7.1	10.7

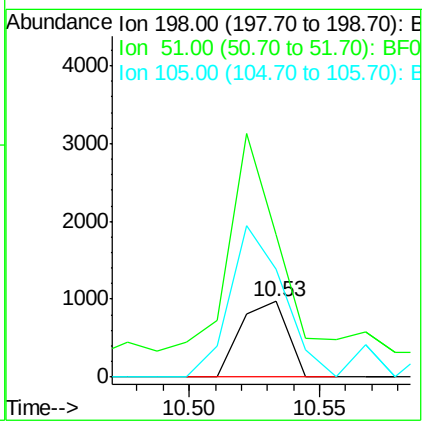


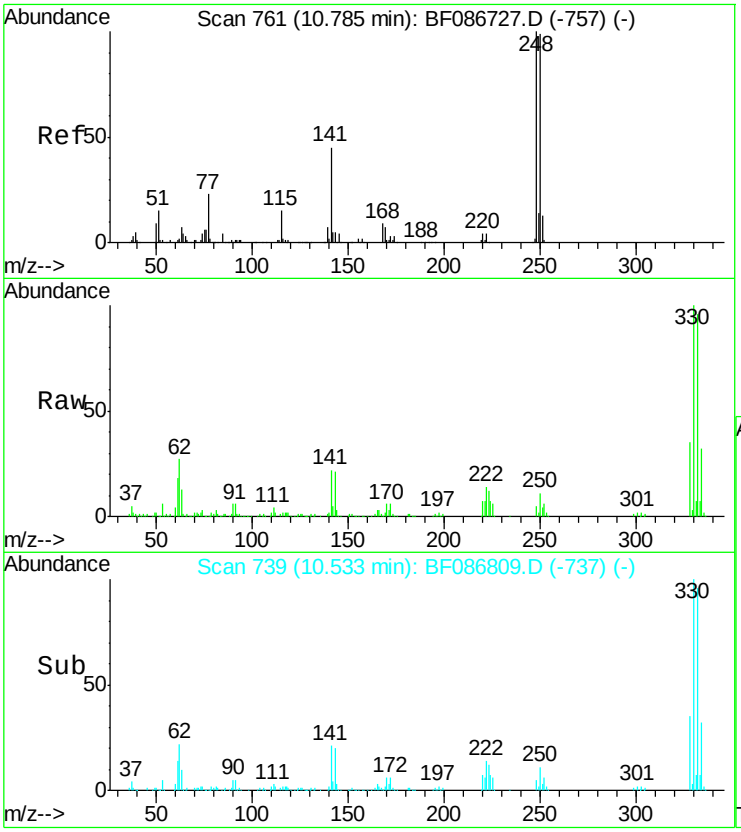


#64
4,6-Dinitro-2-methylphenol
Concen: 5.72 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.16 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:198 Resp: 1226

Ion	Ratio	Lower	Upper
198	100		
51	188.0	20.5	60.5#
105	143.0	24.5	64.5#



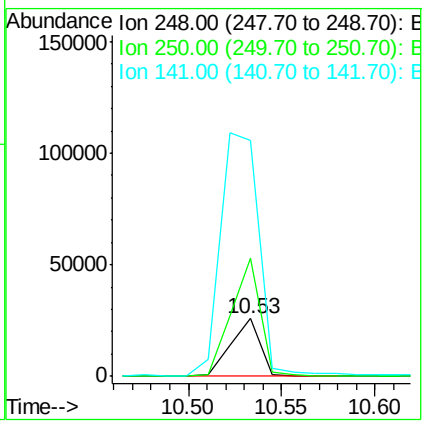


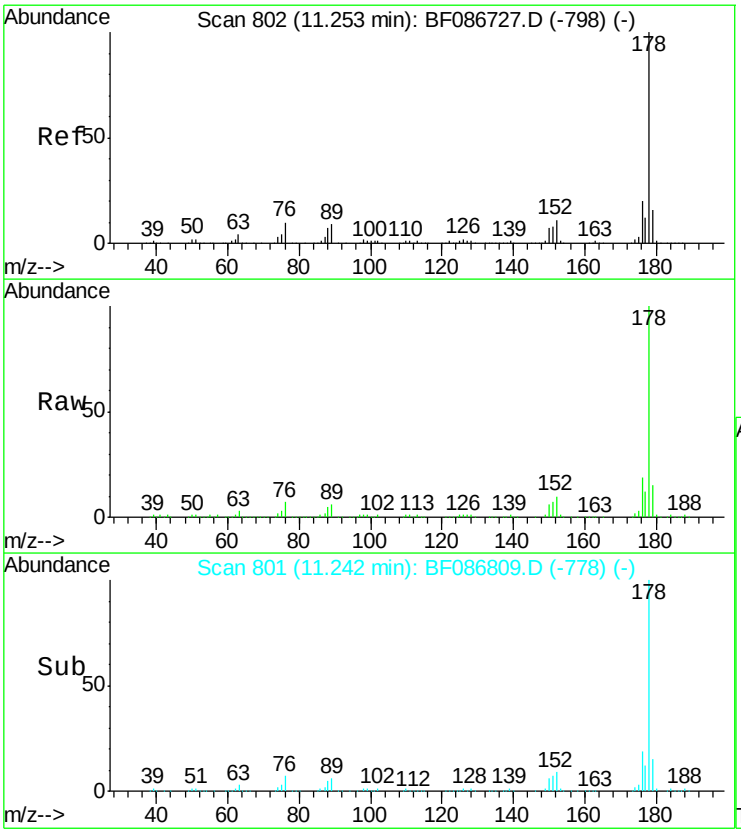
#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:248 Resp: 28355

Ion	Ratio	Lower	Upper
248	100		
250	204.4	78.6	117.8#
141	407.4	76.0	114.0#

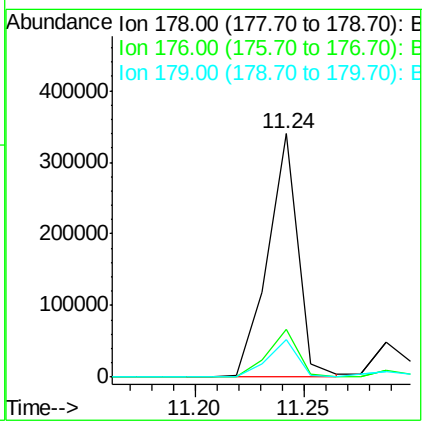


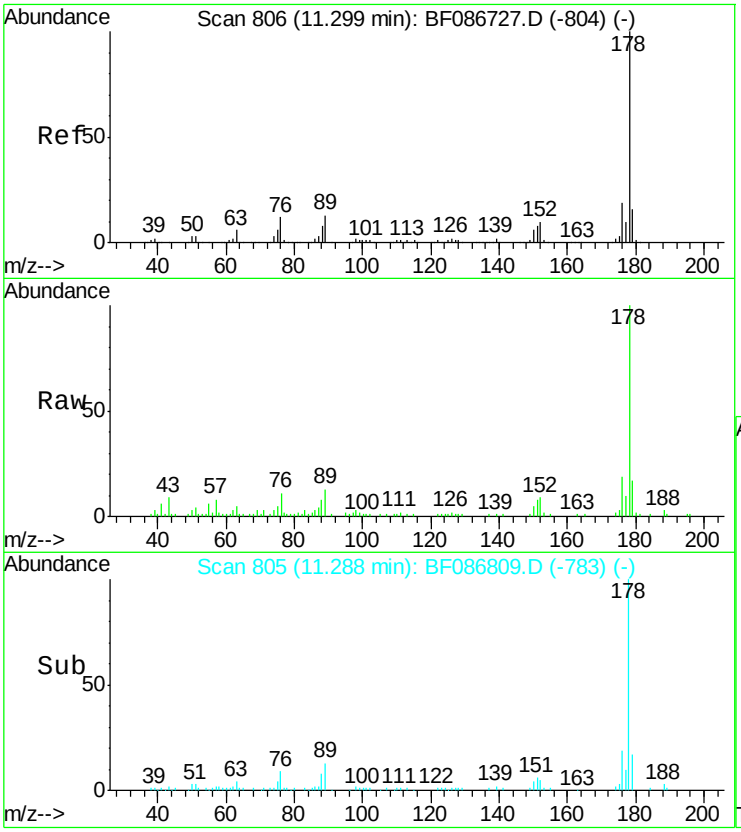


#70
Phenanthrene
Concen: 11.24 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:178 Resp: 330623

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.4	12.6	18.8



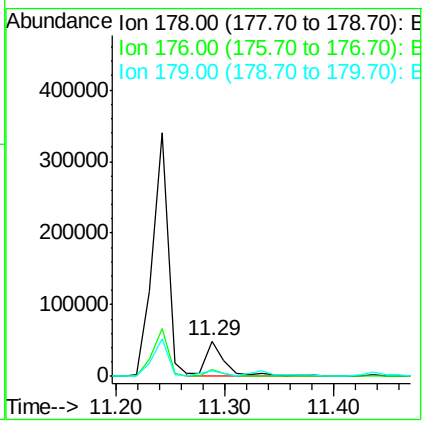


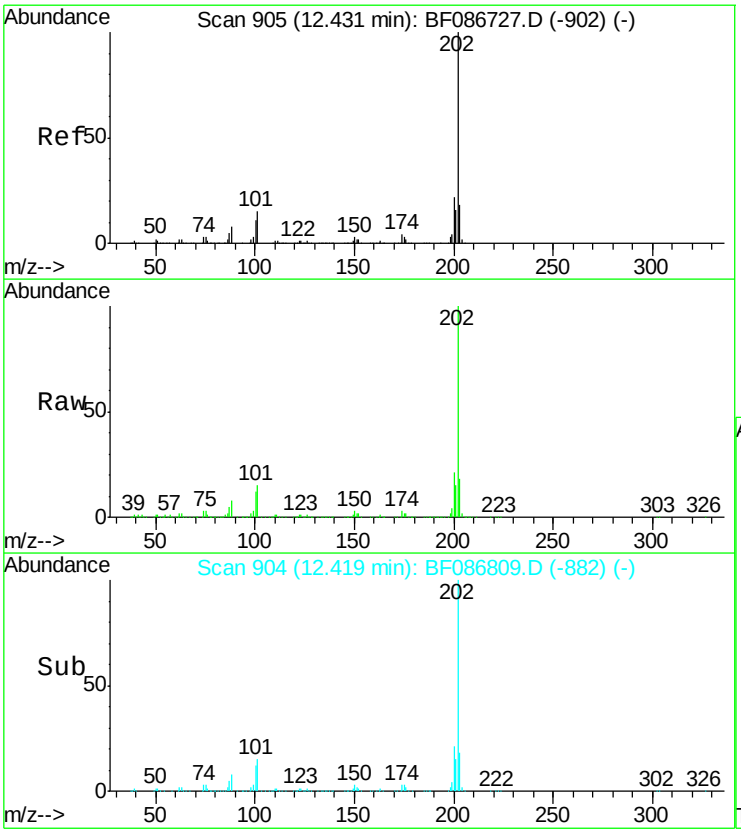
#71
Anthracene
Concen: 2.01 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:178 Resp: 61826

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	17.3	12.7	19.1

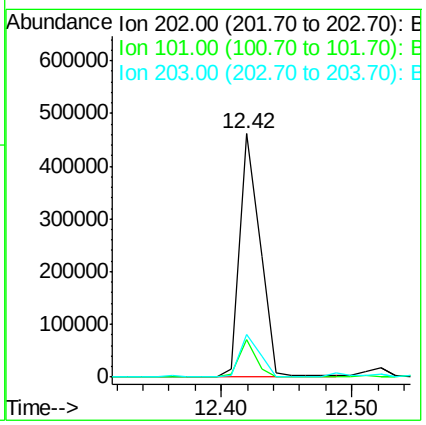


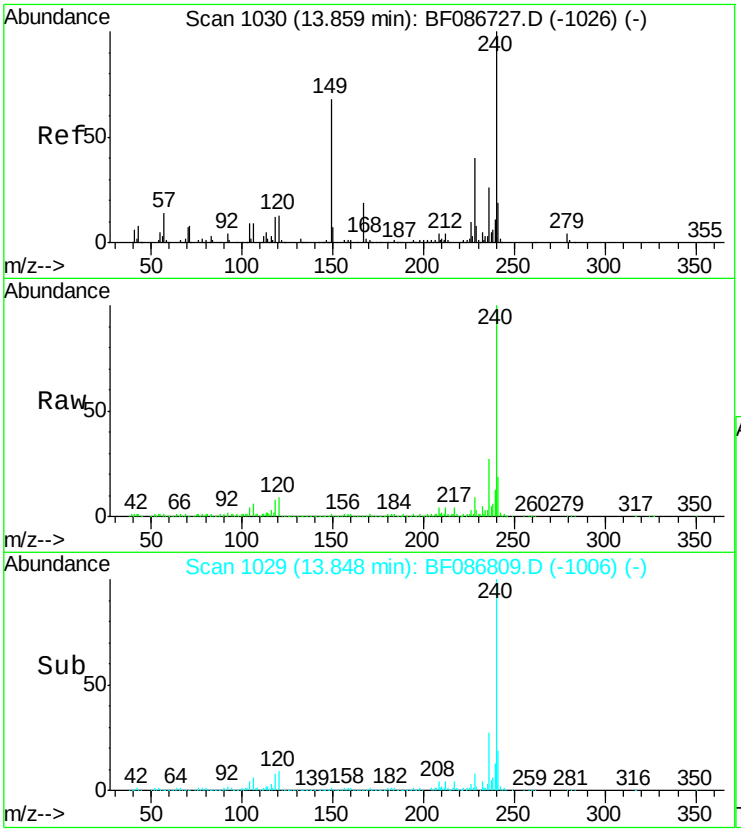


#74
Fluoranthene
Concen: 16.79 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:202 Resp: 494985

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	35.4
203	17.6	0.0	38.1



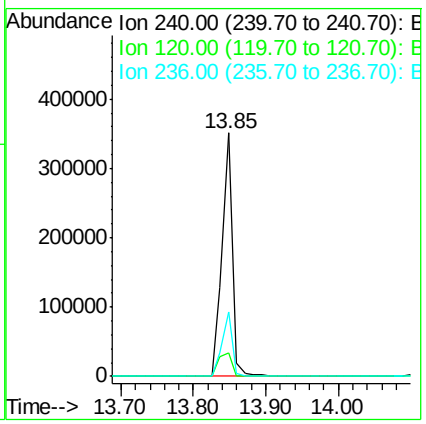


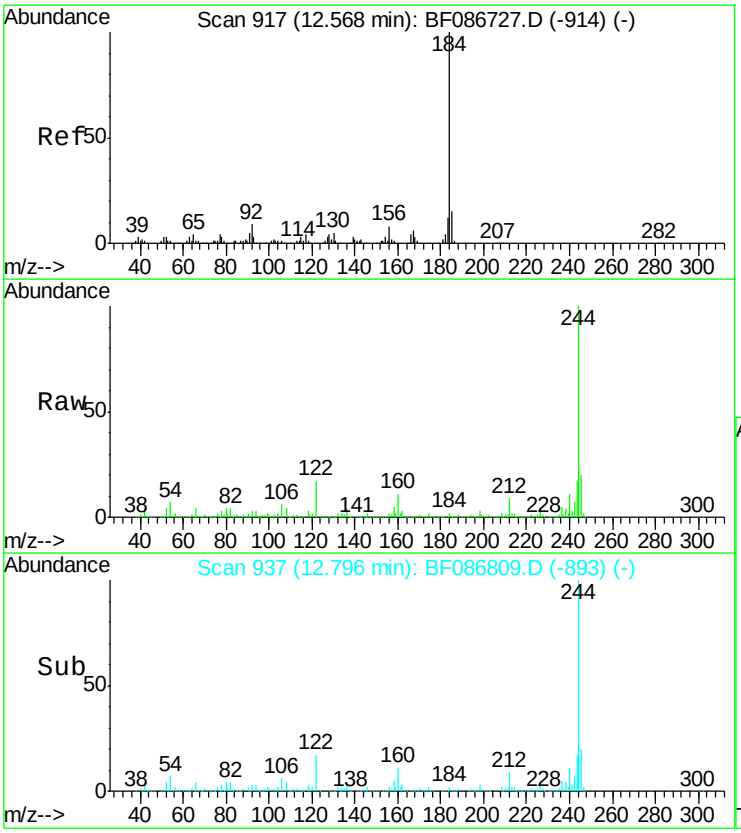
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:240 Resp: 354988

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.7	21.2	31.8

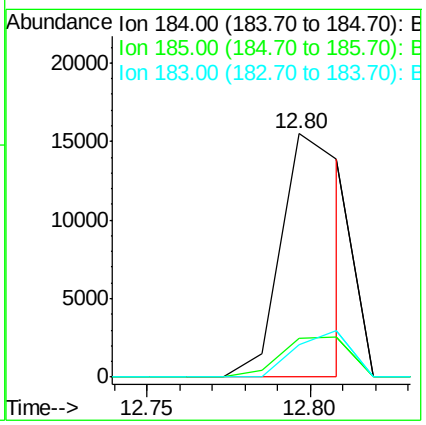


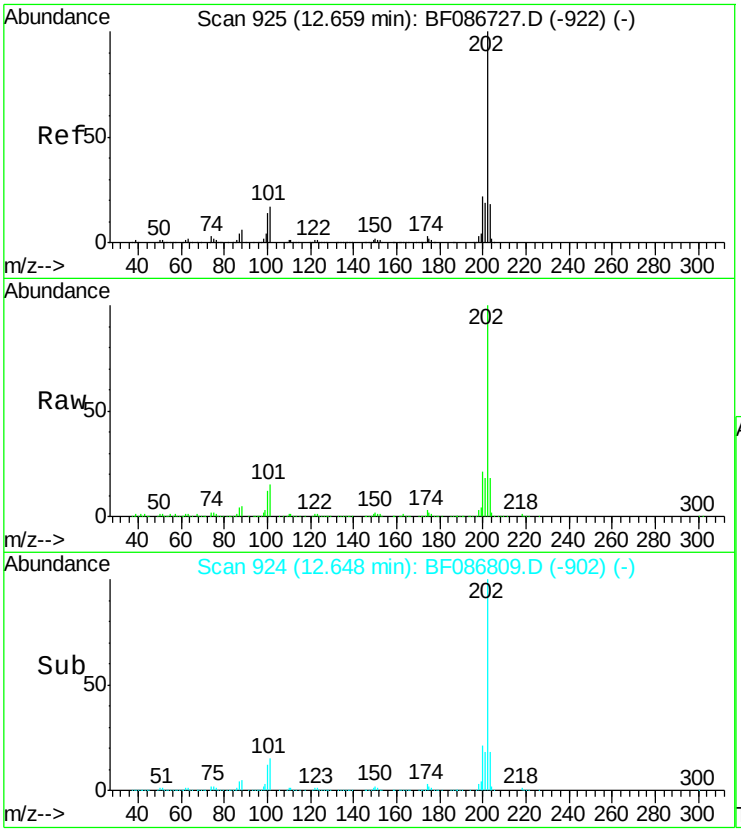


#76
Benzidine
Concen: 8.95 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.21 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:184 Resp: 21166

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.6	20.4
183	13.1	9.8	14.6



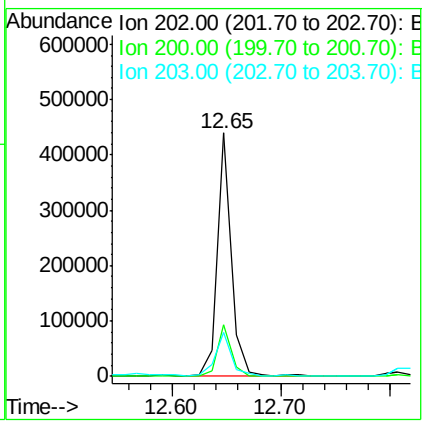


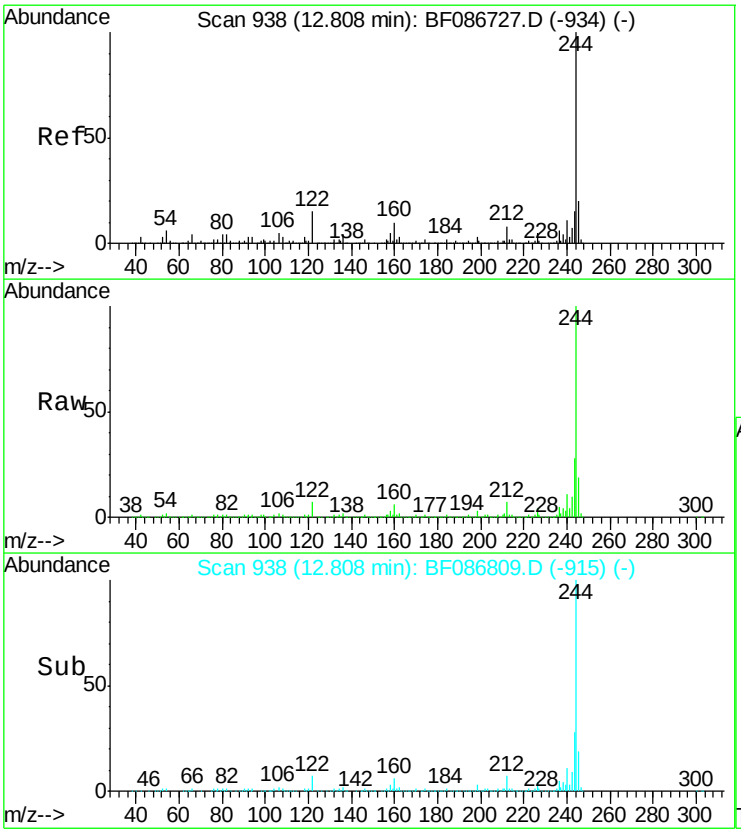
#77
Pyrene
Concen: 13.94 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:202 Resp: 394380

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.9	14.2	21.4

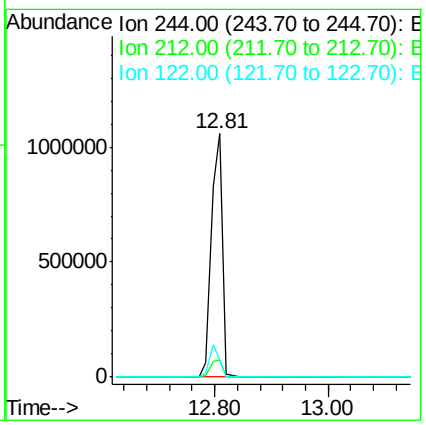


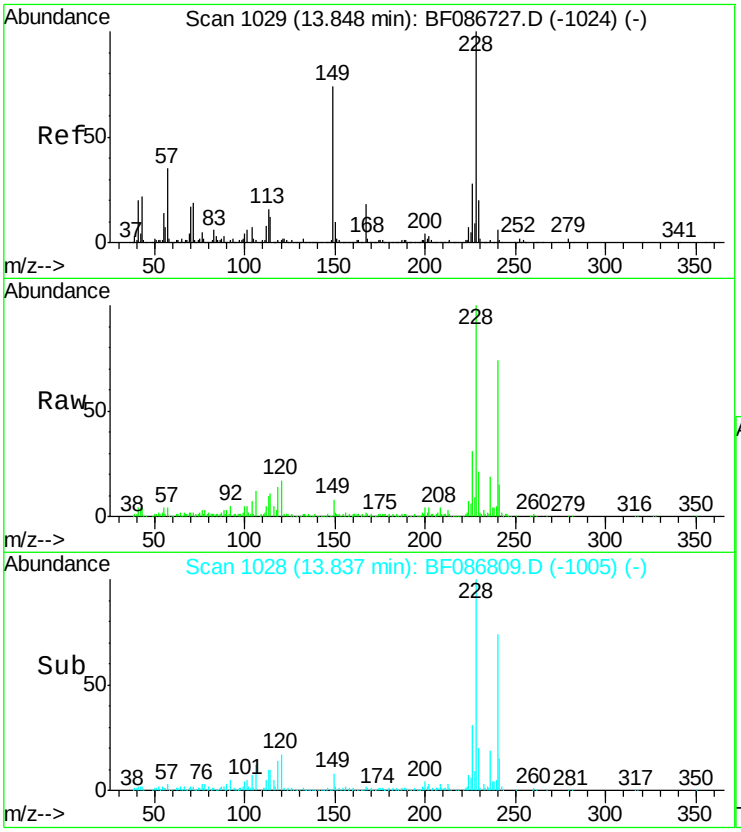


#78
Terphenyl-d14
Concen: 77.93 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:244 Resp: 1368823

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	7.0	12.0	18.0#



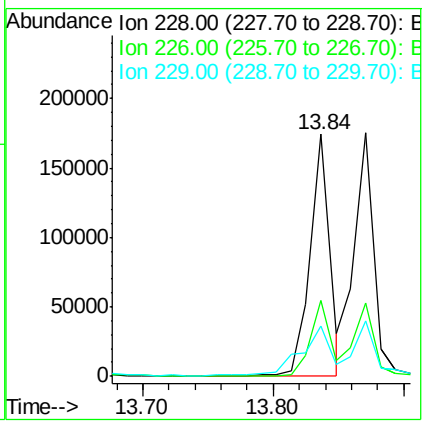


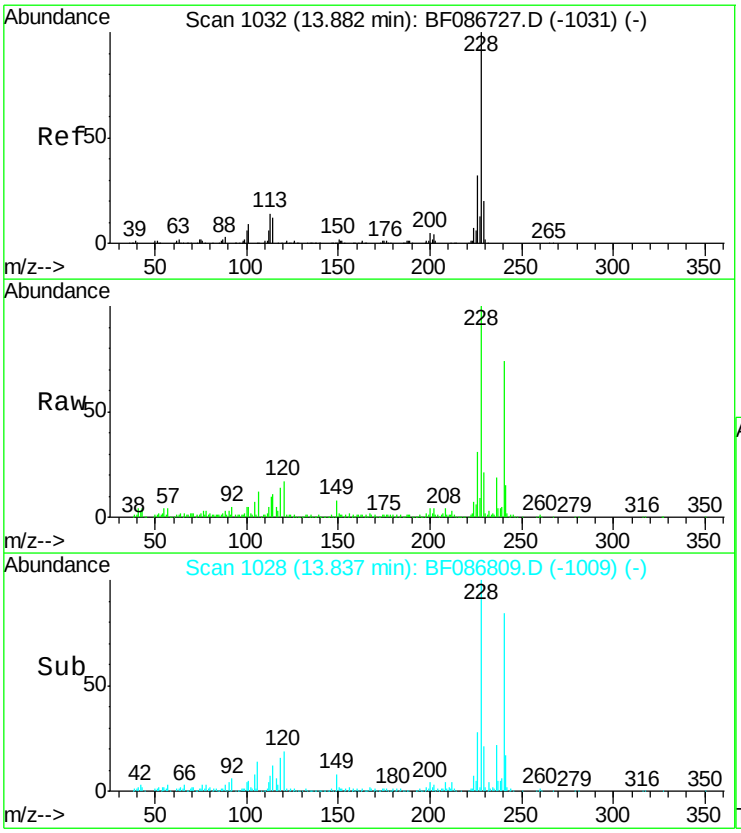
#80
Benzo(a)anthracene
Concen: 8.94 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:228 Resp: 179503

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.5	33.7
229	20.7	16.6	25.0

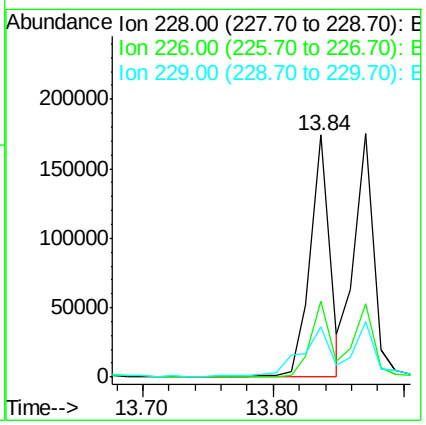


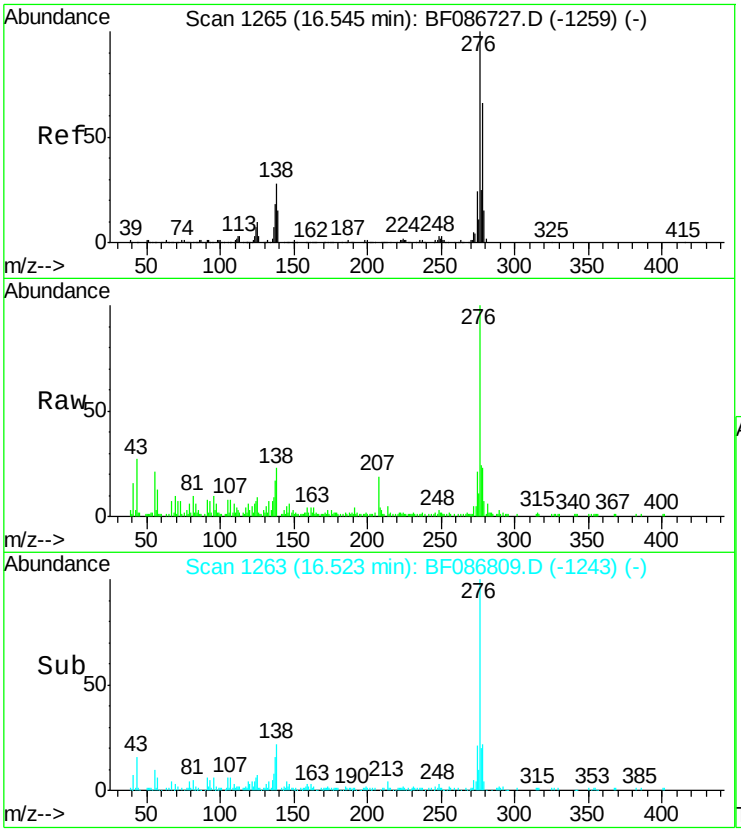


#82
Chrysene
Concen: 8.38 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.08 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:228 Resp: 179503

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.7	15.8	23.8



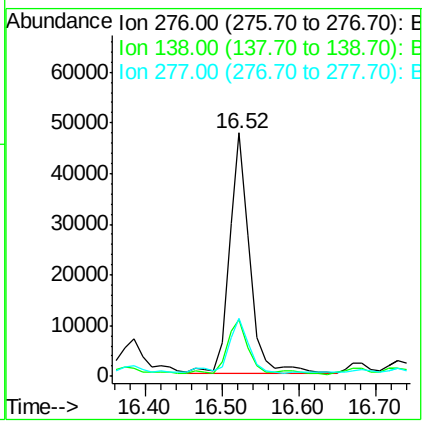


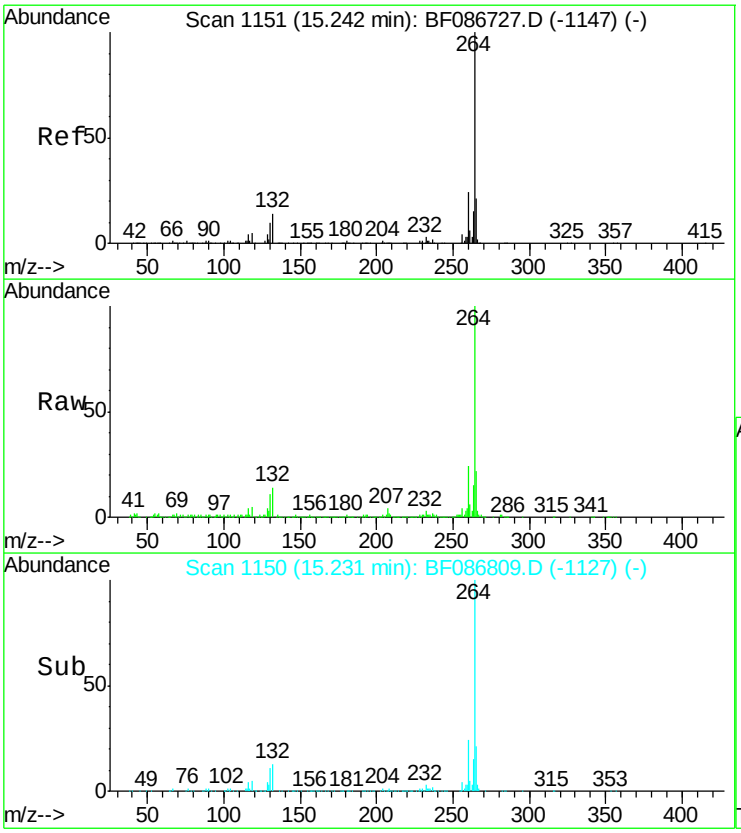
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.79 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:276 Resp: 87947

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.6	38.4#
277	23.6	20.5	30.7

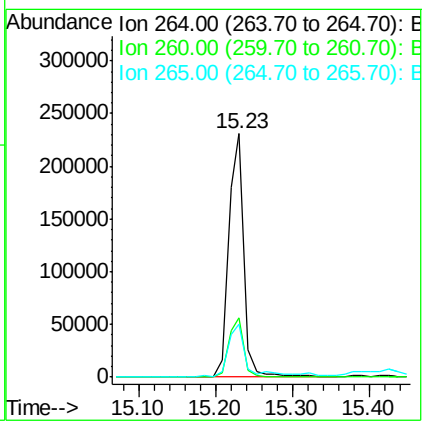


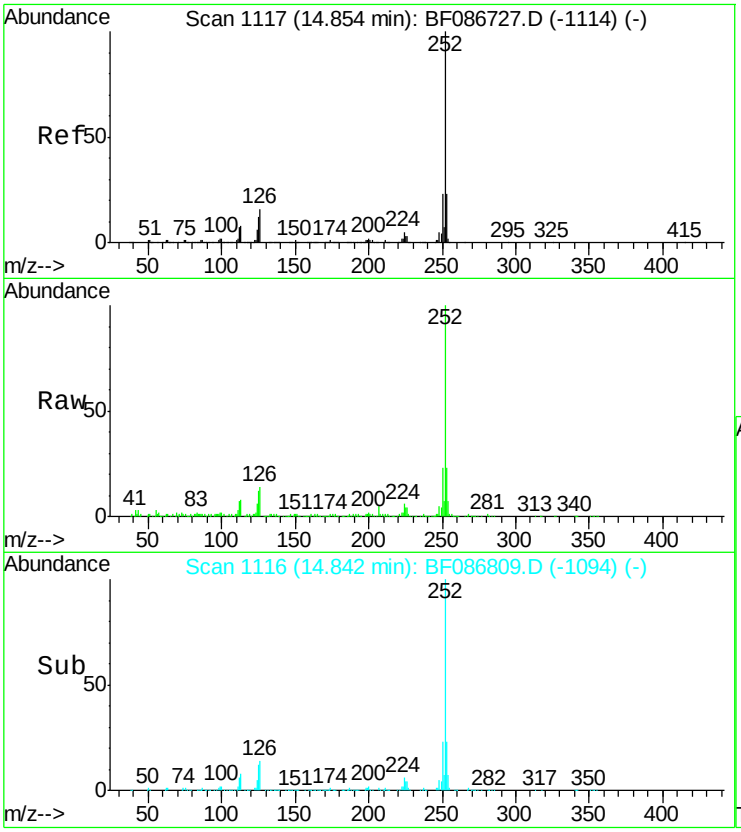


#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:264 Resp: 324478

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9



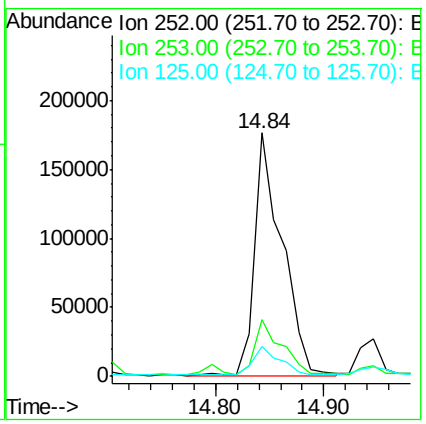


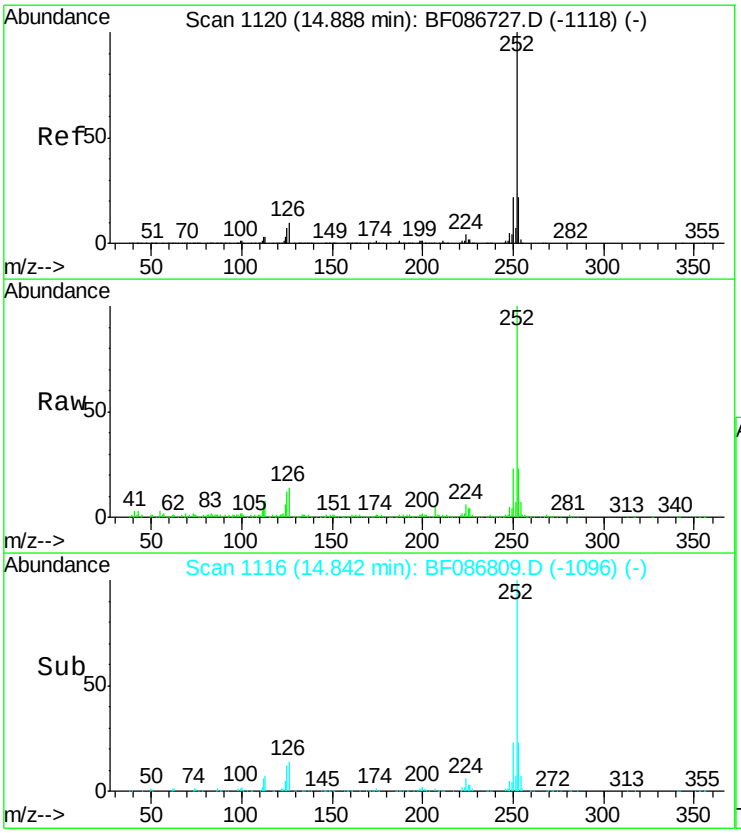
#87
Benzo(b)fluoranthene
Concen: 15.82 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:252 Resp: 308526

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.3	11.4	17.0

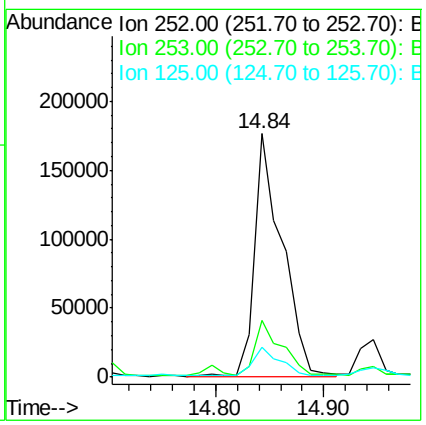


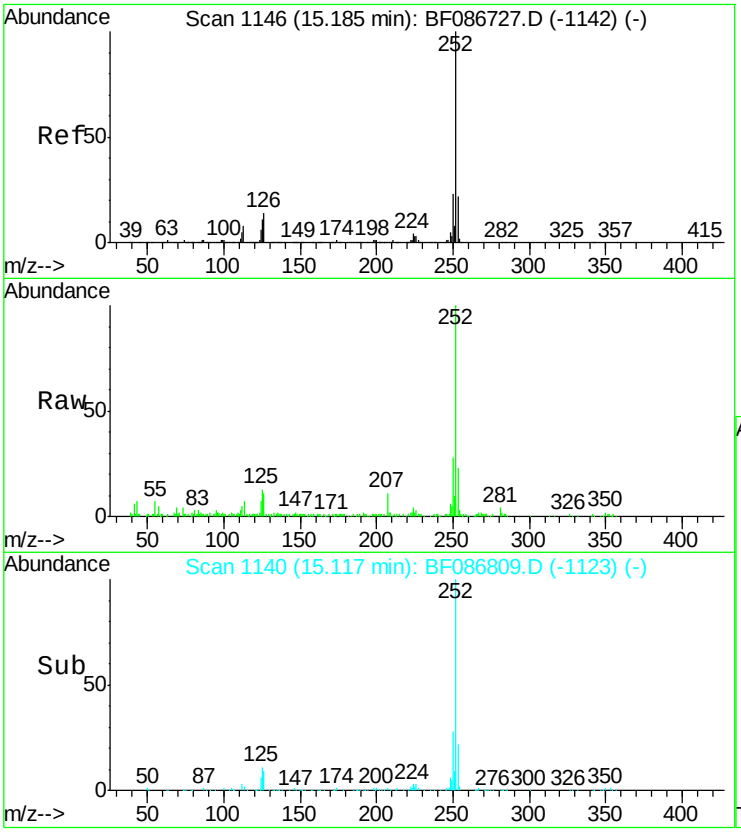


#88
Benzo(k)fluoranthene
Concen: 16.79 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.07 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:252 Resp: 308526

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.3	9.1	13.7



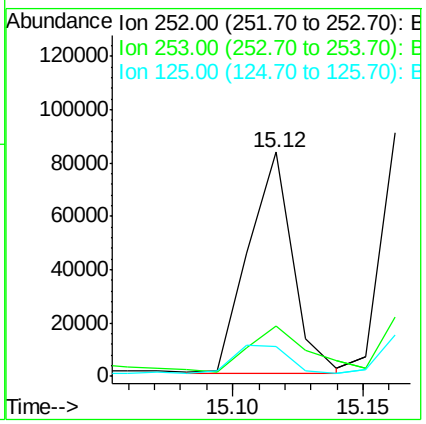


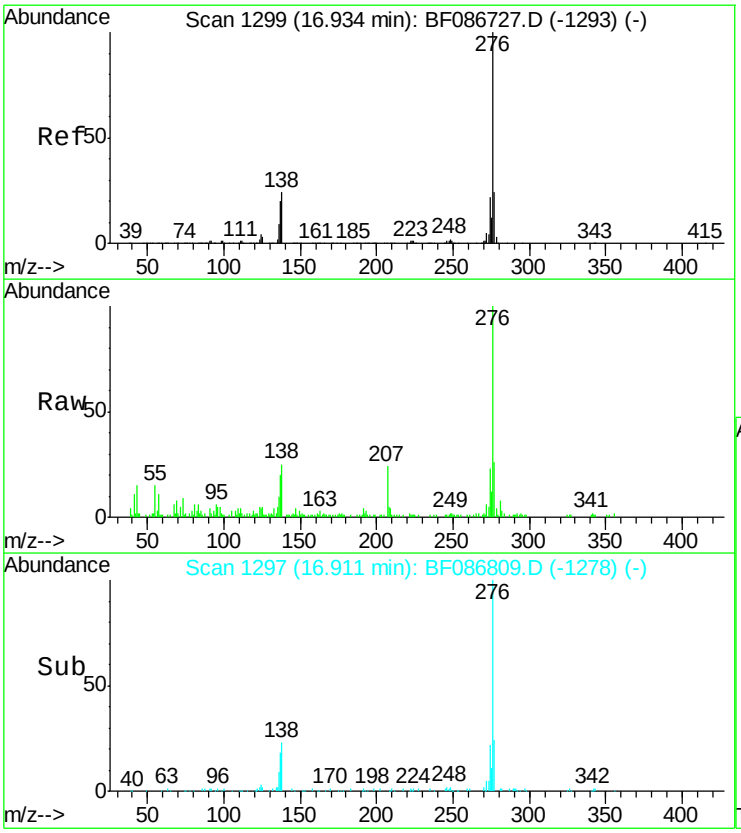
#89
Benzo(a)pyrene
Concen: 5.51 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.10 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :
SS6

Tgt Ion:252 Resp: 99032

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.5	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 4.14 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF086809.D
Acq: 8 May 2016 8:09

Tgt Ion:276 Resp: 75048

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.6	29.4
138	25.0	23.6	35.4