Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086119.D
Acq On : 7 Apr 2016 1:18
Operator : UM/SJ
Sample : H2055-14RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

Quant Time: Apr 07 03:44:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107625	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	403597	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	147165	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	269096	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	259602	20.00	ng		-0.02
86) Perylene-d12	15.30	264	178390	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	568474	90.28	ng		-0.02
7) Phenol-d6	6.40	99	741775	92.75	ng		-0.02
23) Nitrobenzene-d5	7.31	82	390895	57.12	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	100151	72.51	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	533946	60.33	ng		-0.03
78) Terphenyl-d14	12.85	244	439373	39.78	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	49941	10.07	ng	#	80
25) Isophorone	7.31	82	376263	27.85	ng	#	68
49) Dimethylphthalate	9.50	163	84973	7.79	ng		98
56) 2,4-Dinitrotoluene	9.78	165	19265	6.61	ng	#	37
66) 4-Bromophenyl-phenylether	10.57	248	6525	2.38	ng	#	1
70) Phenanthrene	11.29	178	202076	13.77	ng		98
71) Anthracene	11.34	178	68971	4.48	ng		97
74) Fluoranthene	12.48	202	312218	20.45	ng		94
77) Pyrene	12.70	202	279653	15.29	ng		99
80) Benzo(a)anthracene	13.89	228	189331	12.37	ng		97
82) Chrysene	13.93	228	102447	6.95	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	42814	3.58	ng	#	90
87) Benzo(b)fluoranthene	14.91	252	179157	15.97	ng		100
88) Benzo(k)fluoranthene	14.91	252	179157	18.03	ng	#	97
89) Benzo(a)pyrene	15.24	252	85861	8.64	ng	#	95
91) Benzo(g,h,i)perylene	17.06	276	35304	4.56	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Apr 2016 1:18
Operator : UM/SJ
Sample : H2055-14RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Quant Time: Apr 07 03:44:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
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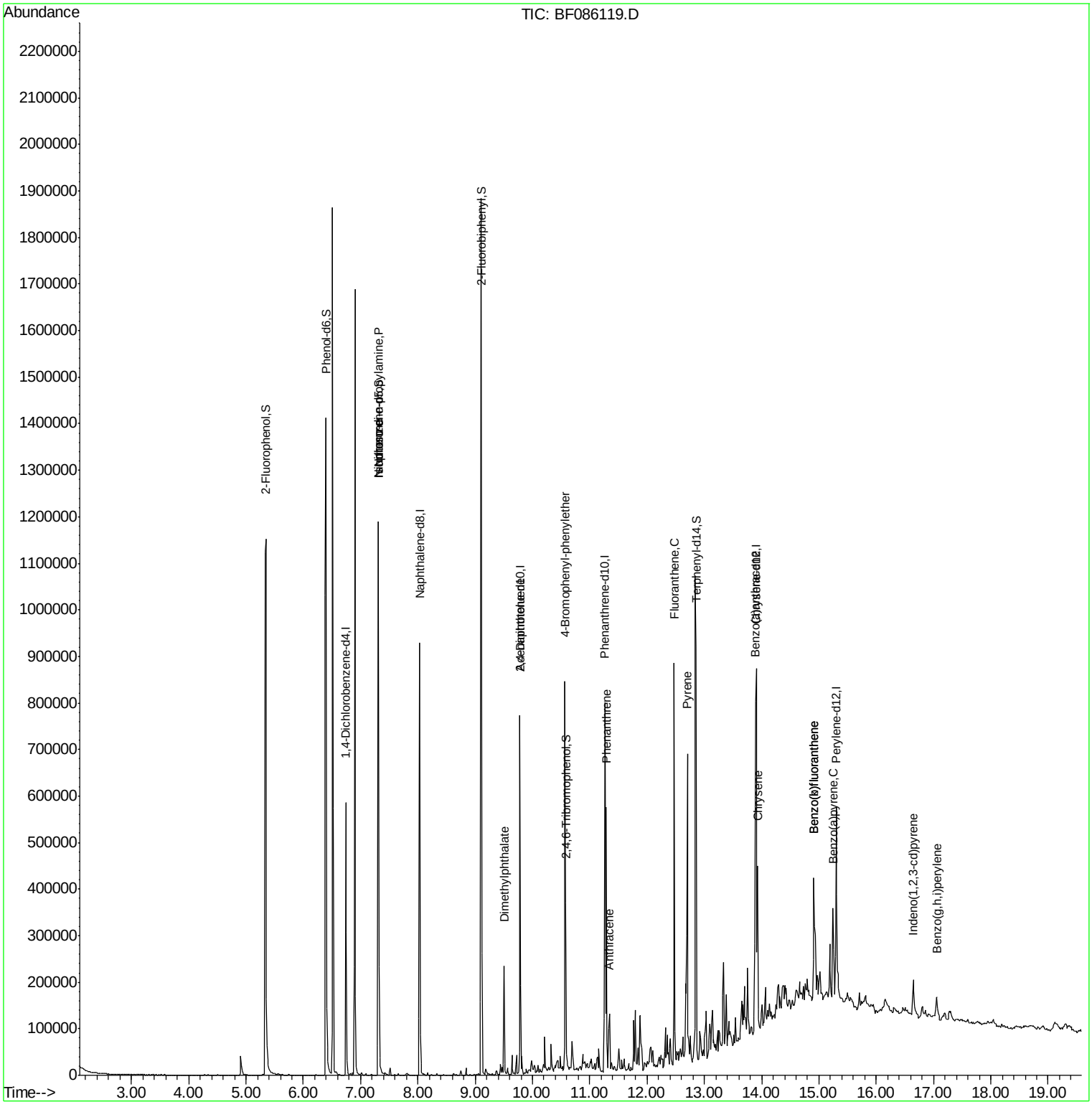
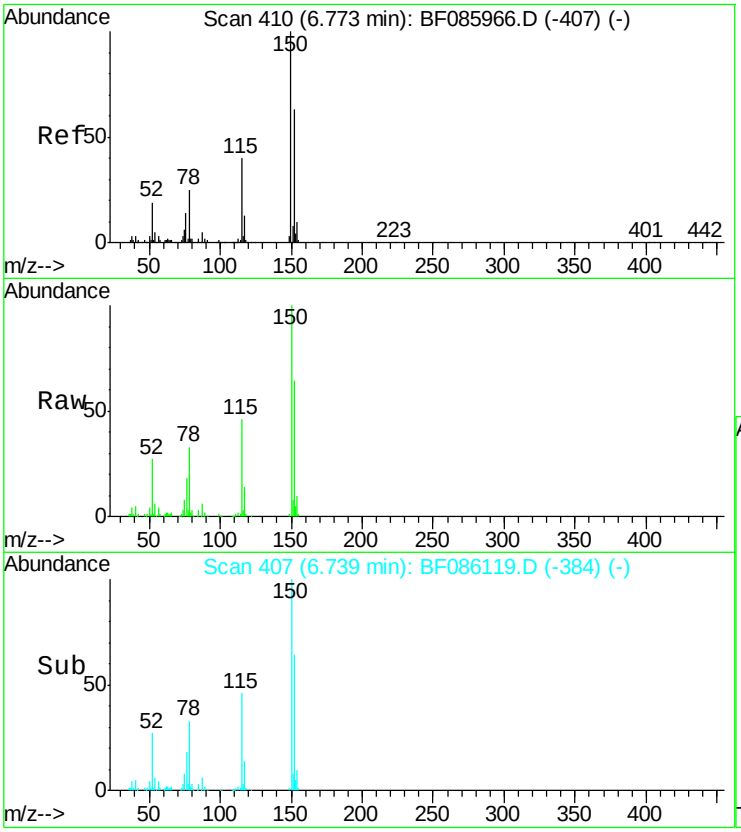


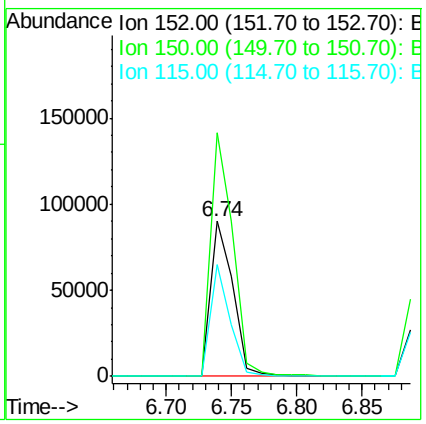


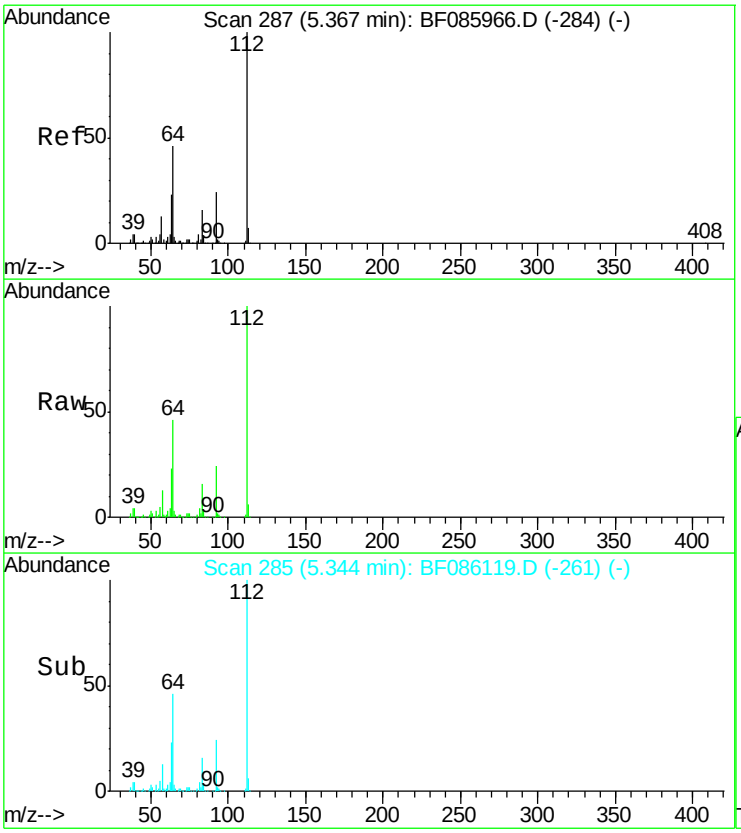
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:152 Resp: 107625

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	72.2	47.0	70.6#

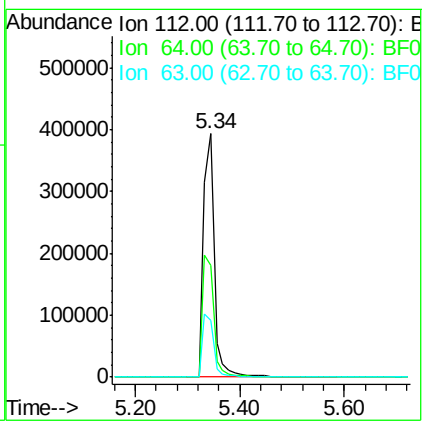


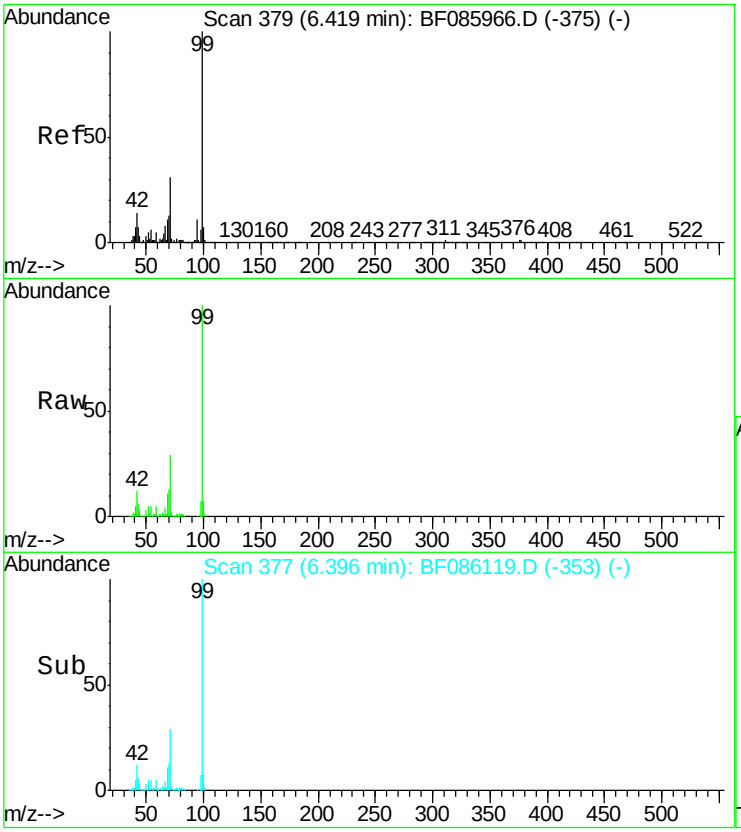


#5
2-Fluorophenol
Concen: 90.28 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:112 Resp: 568474

Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.9	59.9
63	23.3	20.2	30.2



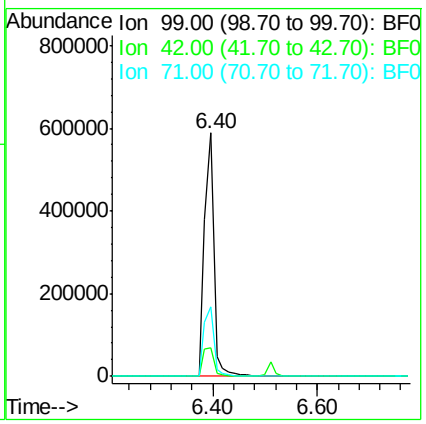


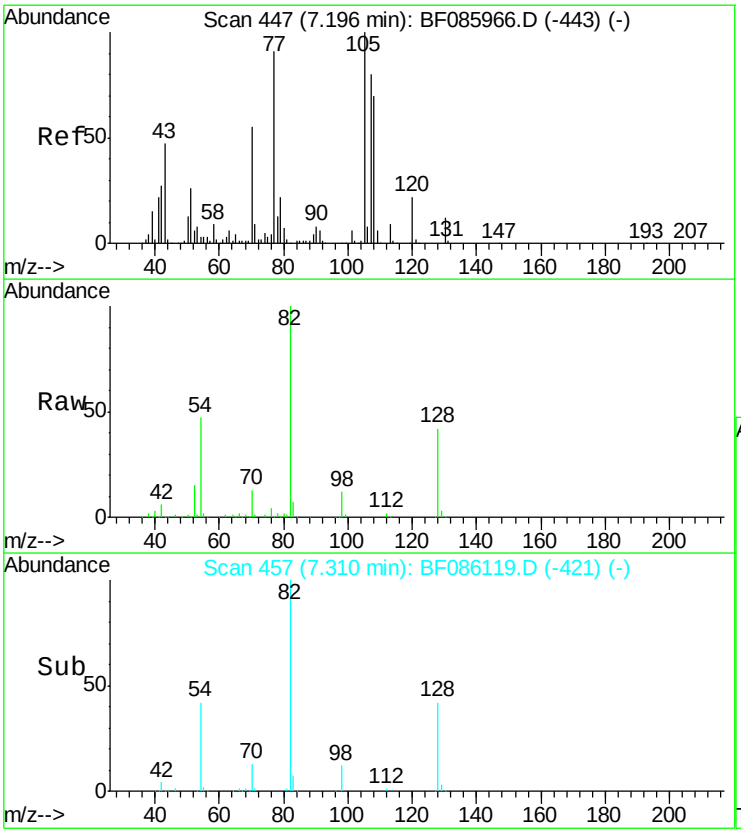
#7
Phenol-d6
Concen: 92.75 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion: 99 Resp: 741775

Ion	Ratio	Lower	Upper
99	100		
42	12.0	11.1	16.7
71	28.7	24.9	37.3

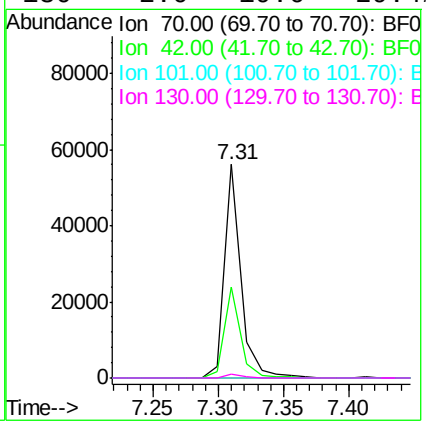


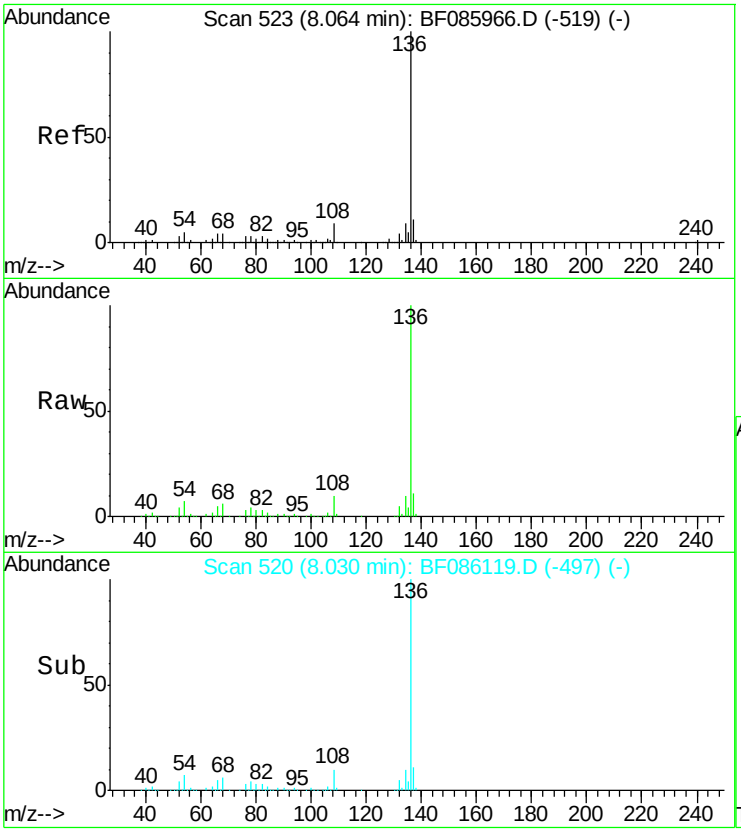


#19
n-Nitroso-di-n-propylamine
Concen: 10.07 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion: 70 Resp: 49941

Ion	Ratio	Lower	Upper
70	100		
42	42.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.0	19.6	29.4#



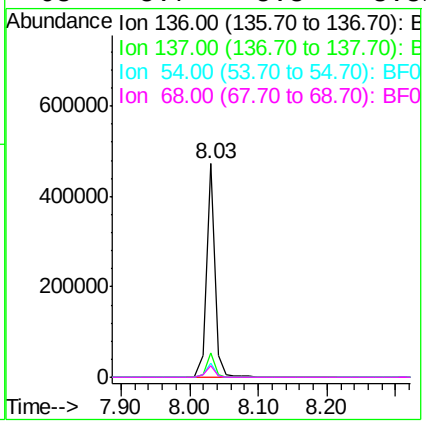


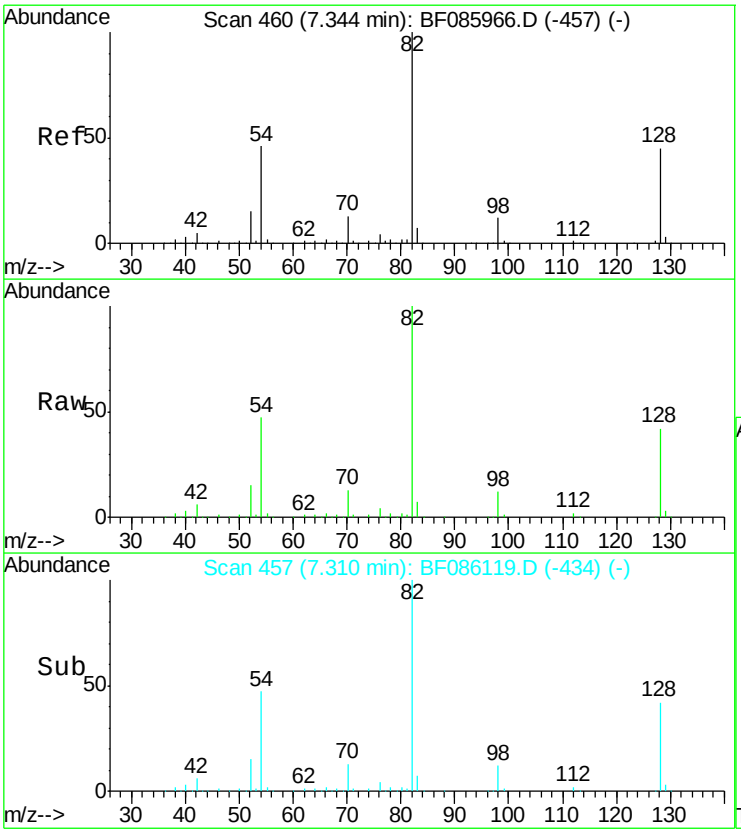
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:136 Resp: 403597

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	7.4	11.0#
68	5.7	5.8	8.8#

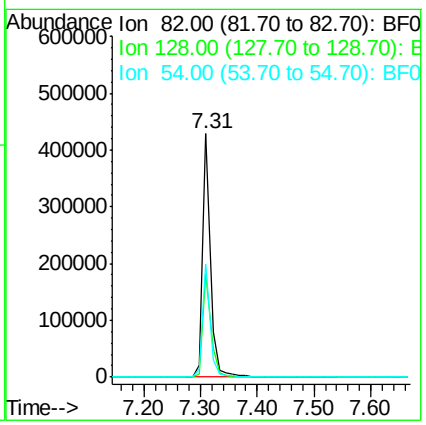


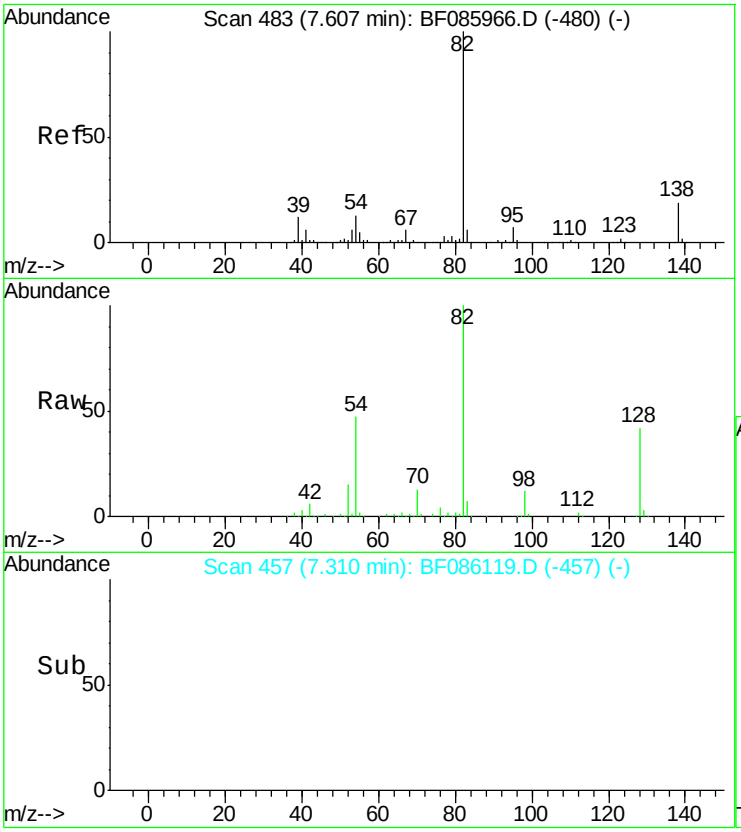


#23
Nitrobenzene-d5
Concen: 57.12 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion: 82 Resp: 390895

Ion	Ratio	Lower	Upper
82	100		
128	42.4	41.8	62.8
54	46.7	33.4	50.0



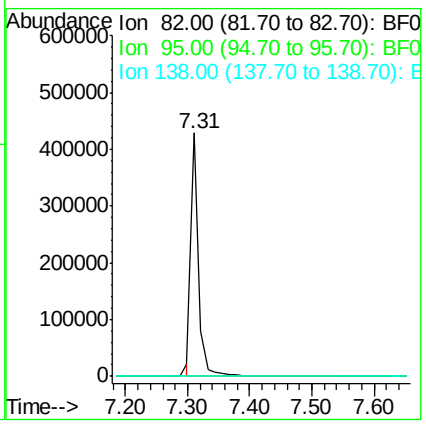


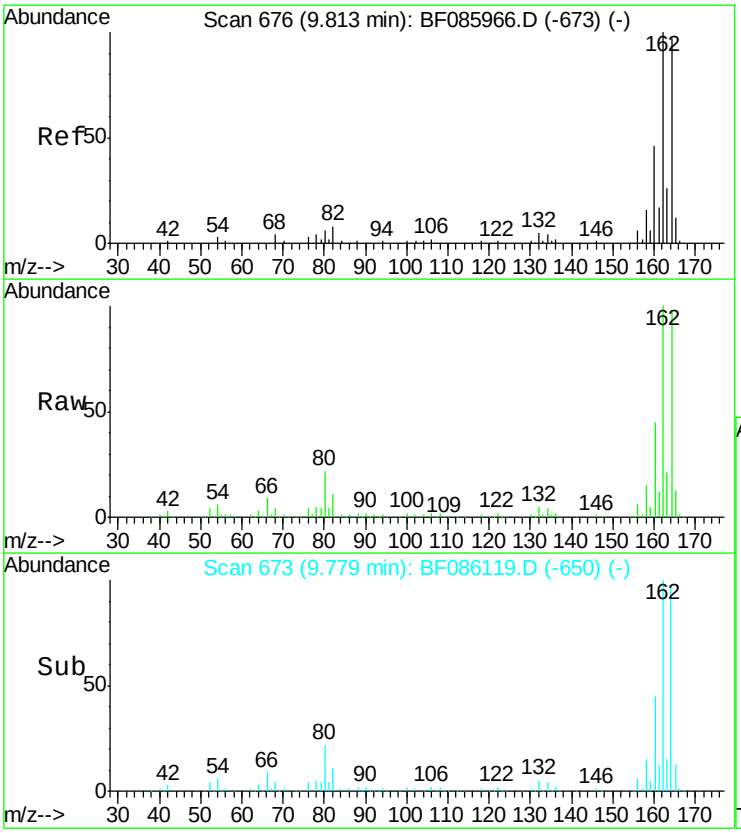
#25
Isophorone
Concen: 27.85 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion: 82 Resp: 376263

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

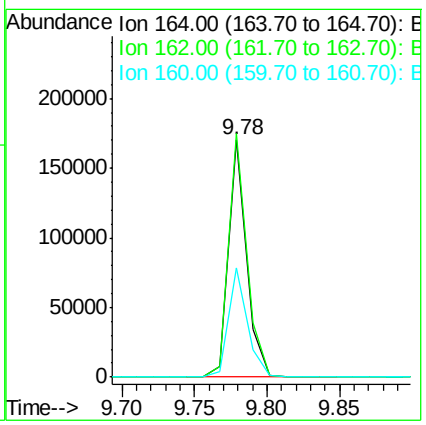


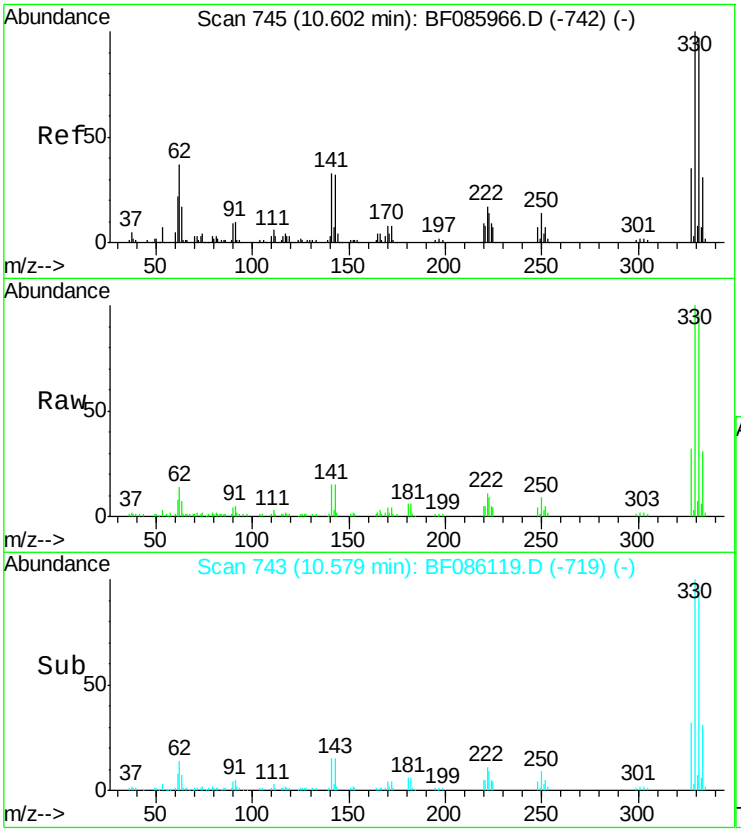


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:164 Resp: 147165

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	46.1	37.4	56.2



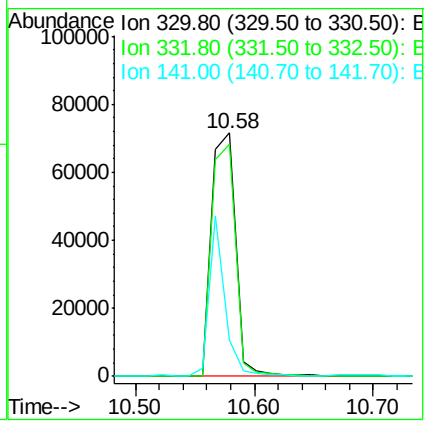


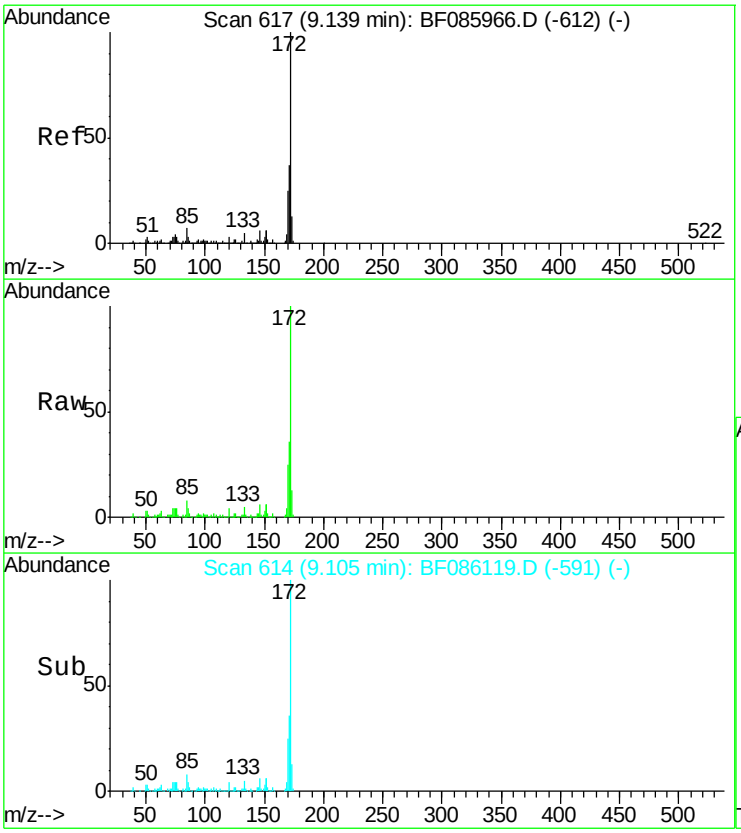
#41
2,4,6-Tribromophenol
Concen: 72.51 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:330 Resp: 100151

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.2
141	43.8	31.5	47.3

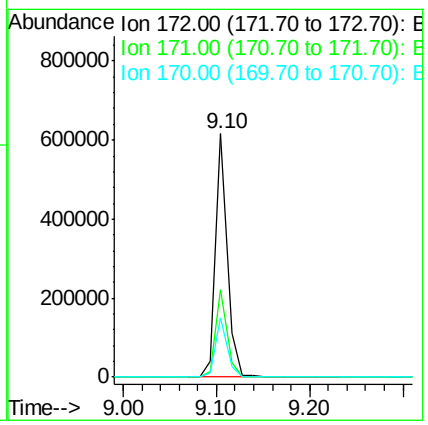


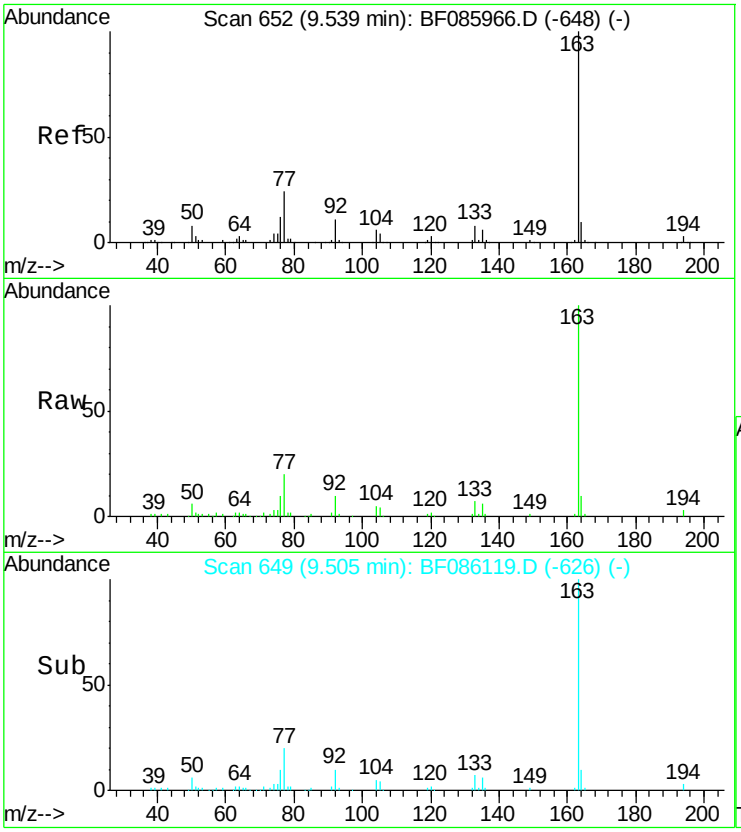


#44
2-Fluorobiphenyl
Concen: 60.33 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:172 Resp: 533946

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.5	19.8	29.6



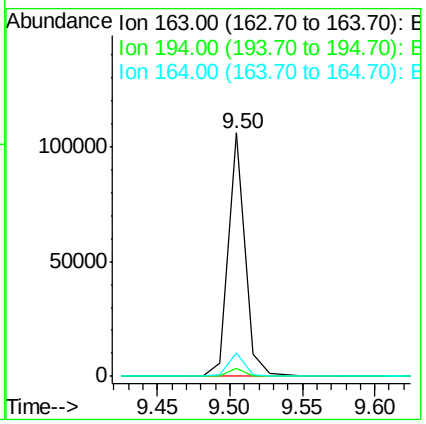


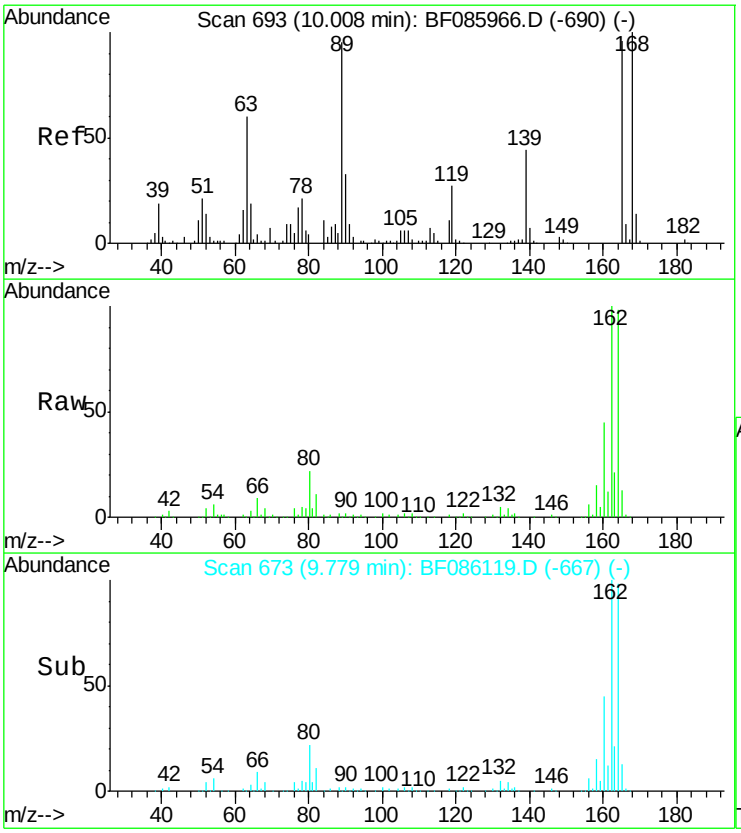
#49
Dimethylphthalate
Concen: 7.79 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:163 Resp: 84973

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	9.7	8.3	12.5

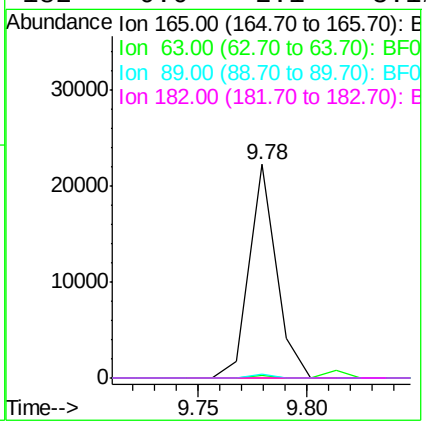


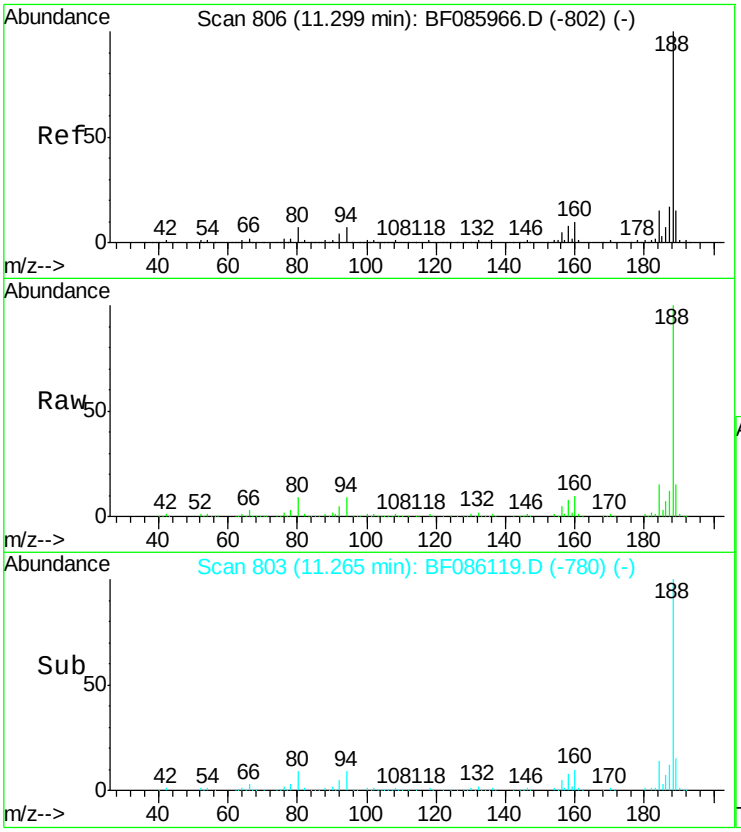


#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:165 Resp: 19265

Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#



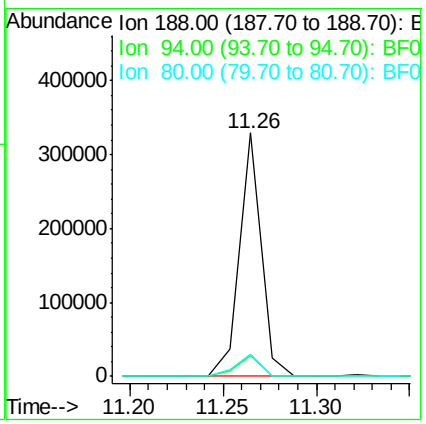


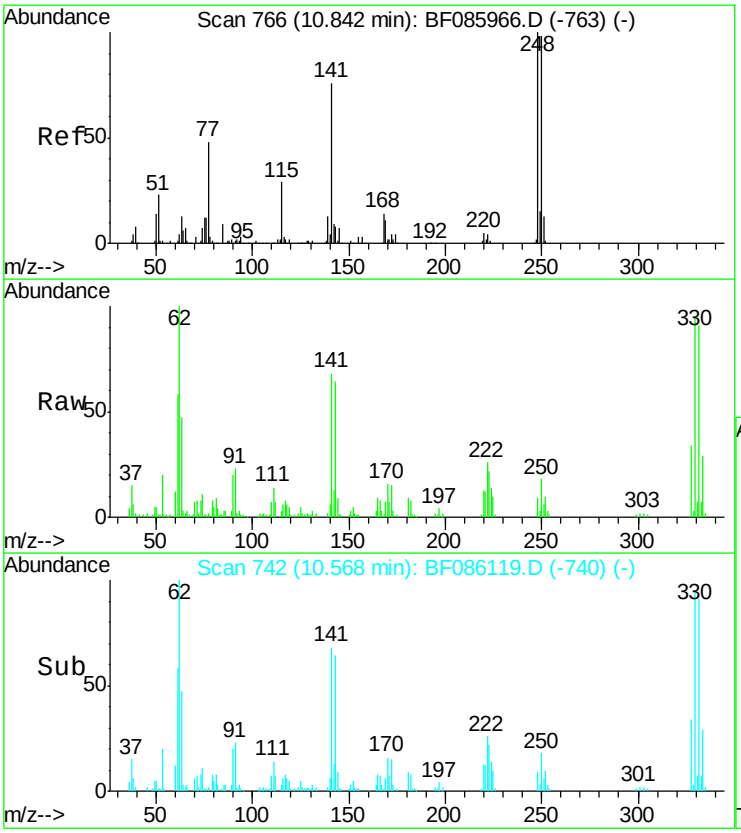
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:188 Resp: 269096

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	9.2	5.5	8.3#

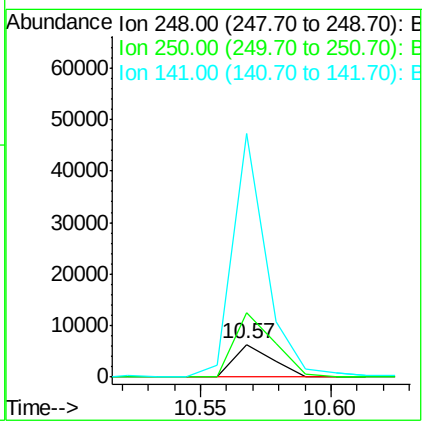


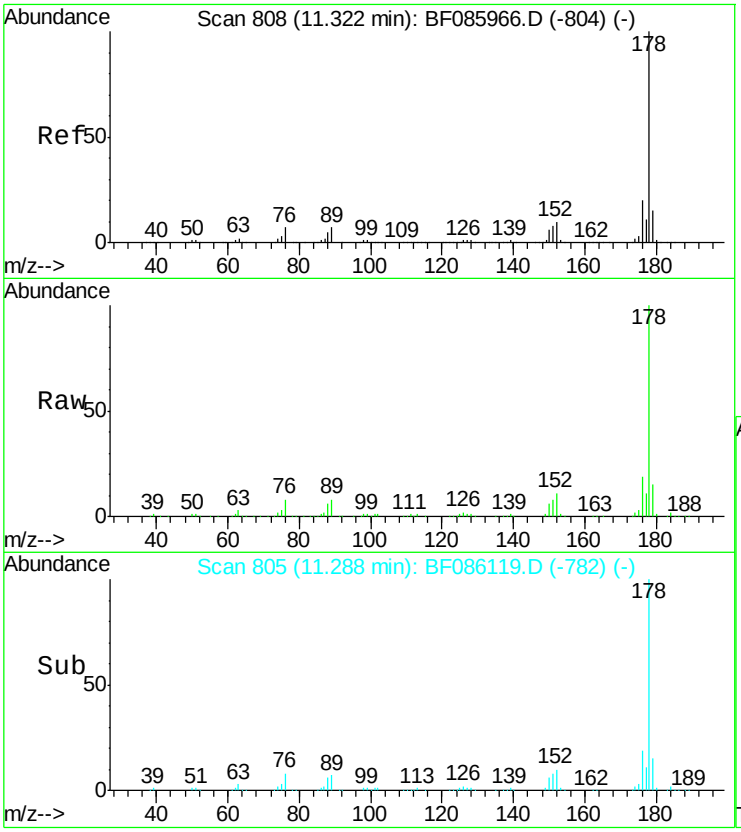


#66
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:248 Resp: 6525

Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.4	116.0#
141	746.3	63.6	95.4#



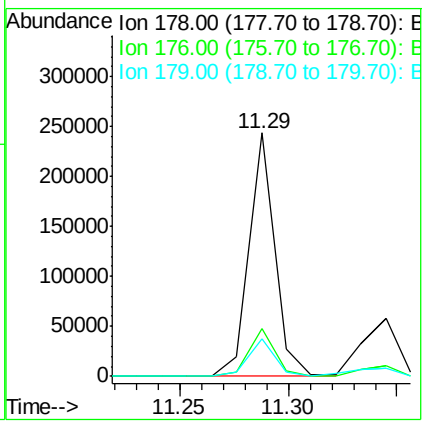


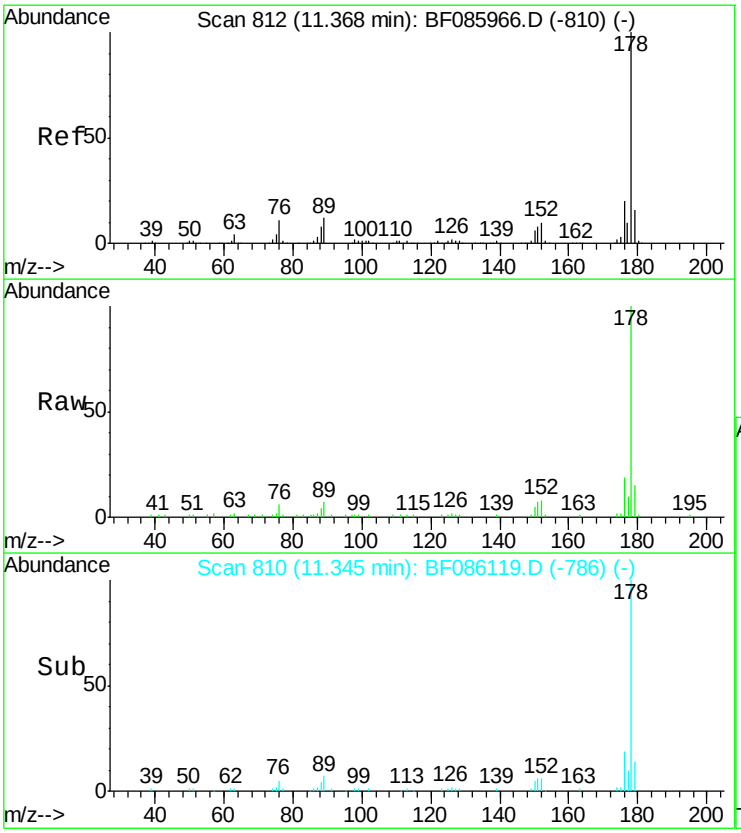
#70
Phenanthrene
Concen: 13.77 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:178 Resp: 202076

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.2	12.6	18.8

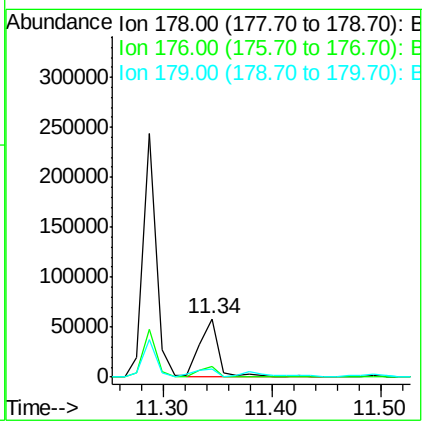


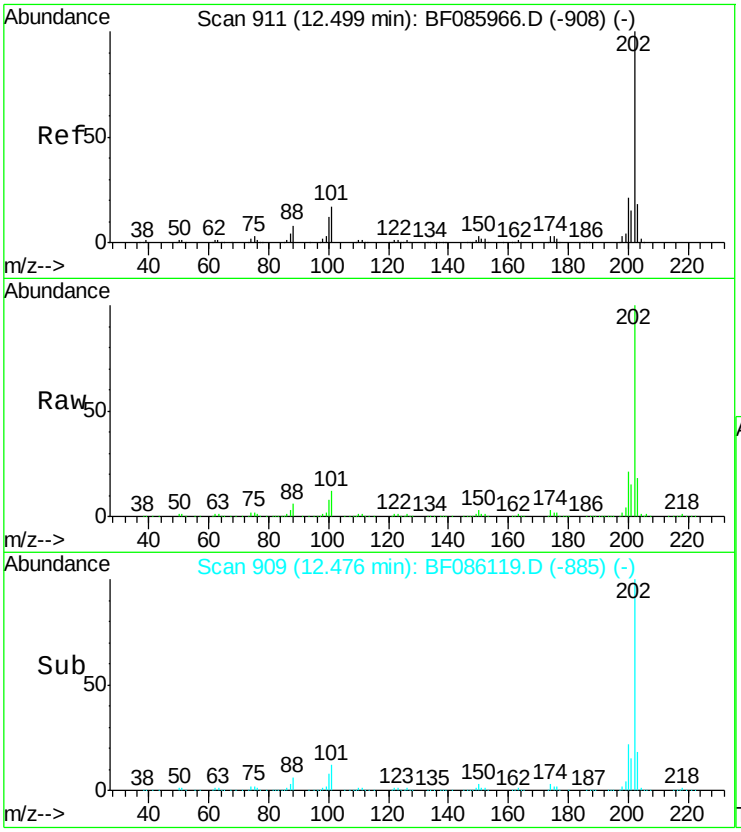


#71
Anthracene
Concen: 4.48 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:178 Resp: 68971

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	14.9	13.0	19.4



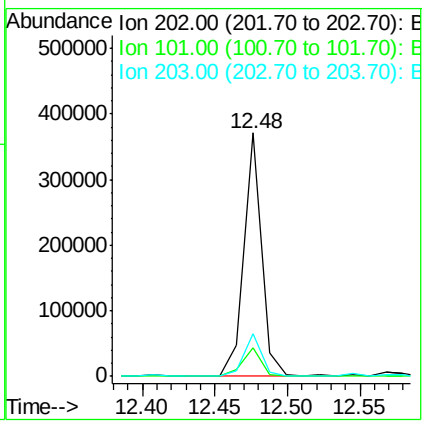


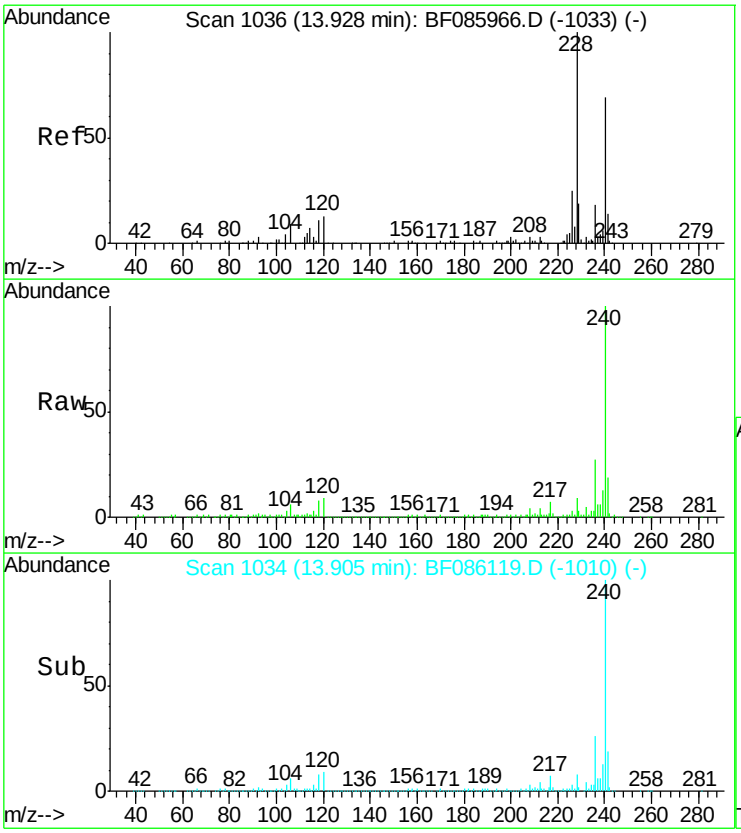
#74
Fluoranthene
Concen: 20.45 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:202 Resp: 312218

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	36.6
203	17.7	0.0	38.1

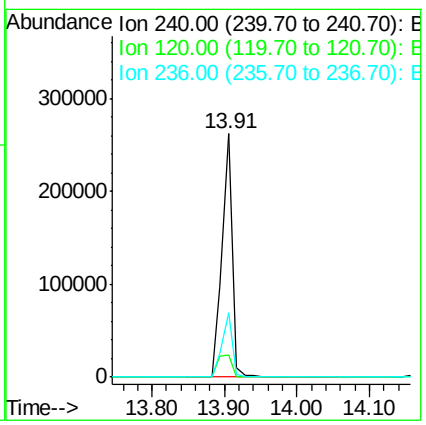


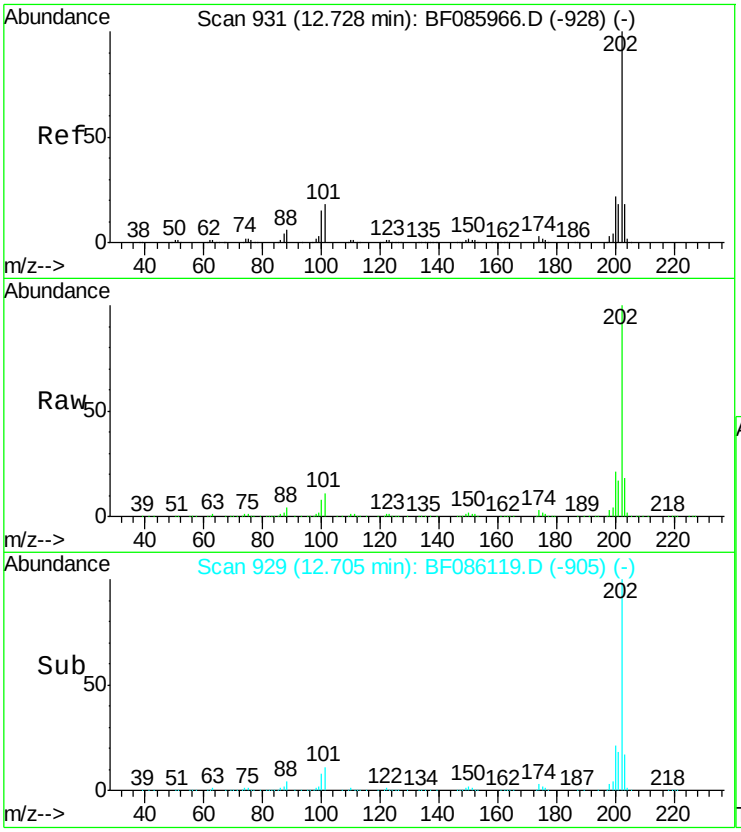


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:240 Resp: 259602

Ion	Ratio	Lower	Upper
240	100		
120	9.2	13.8	20.8#
236	26.6	20.6	30.8



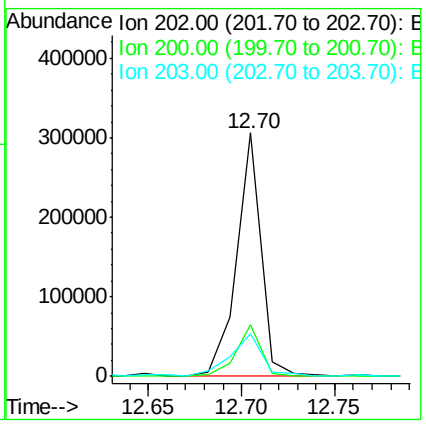


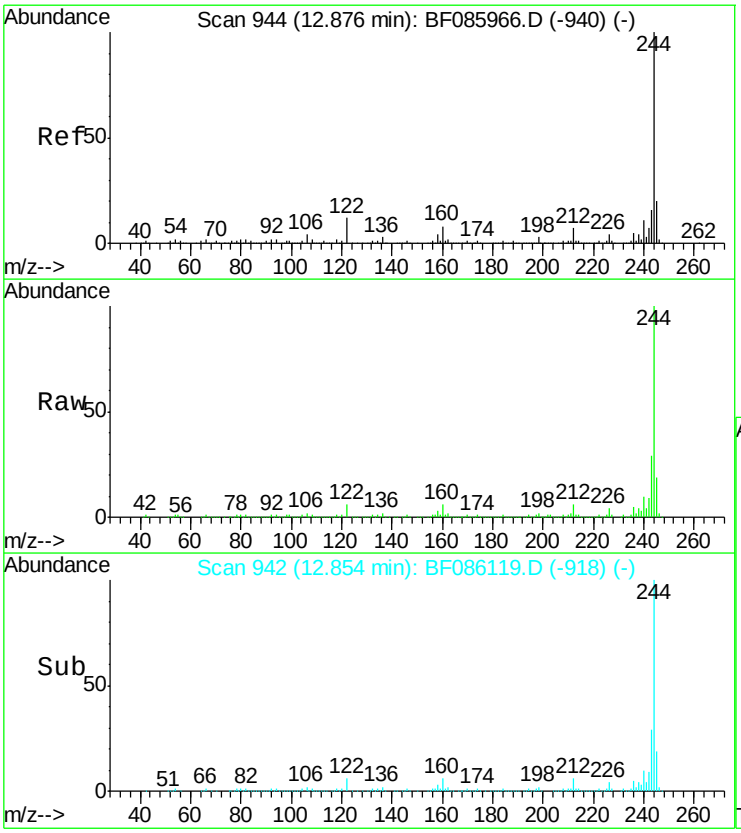
#77
Pyrene
Concen: 15.29 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:202 Resp: 279653

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.5	14.0	21.0

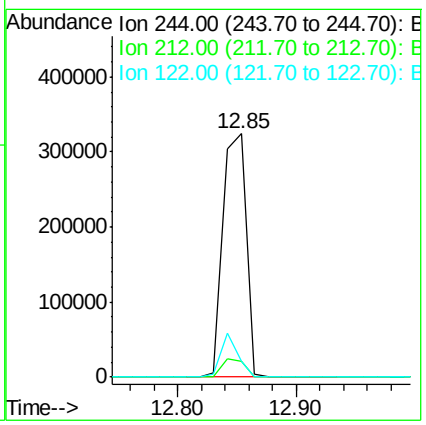


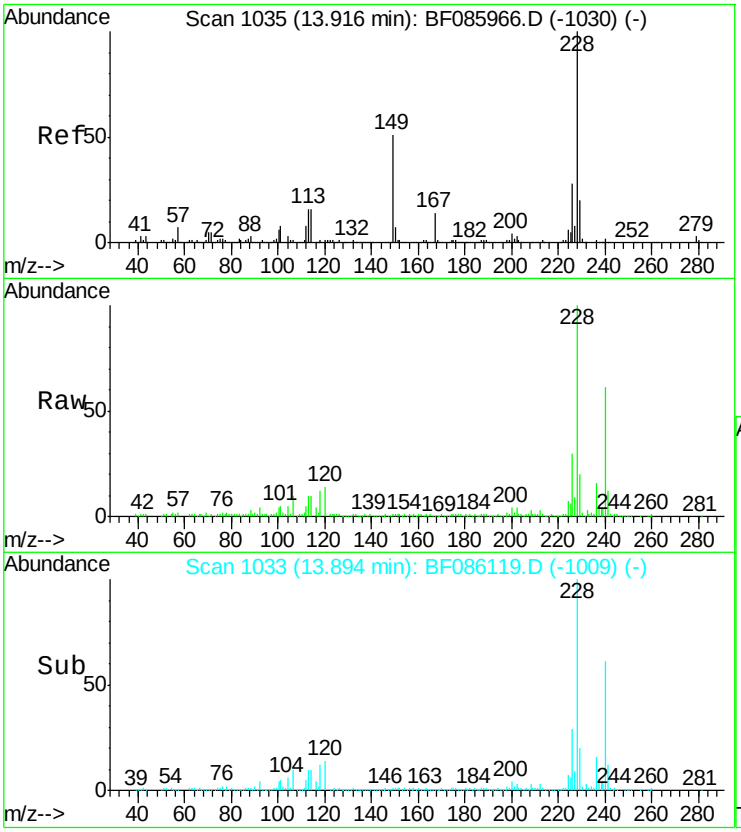


#78
Terphenyl-d14
Concen: 39.78 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:244 Resp: 439373

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.4	10.2	15.4#



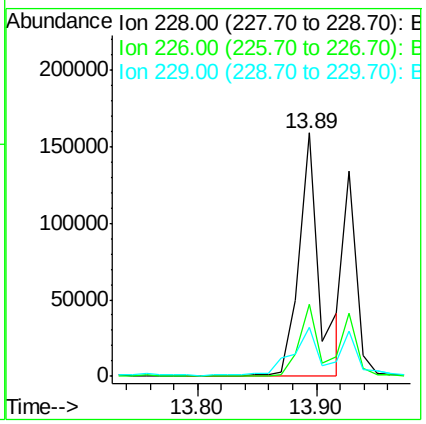


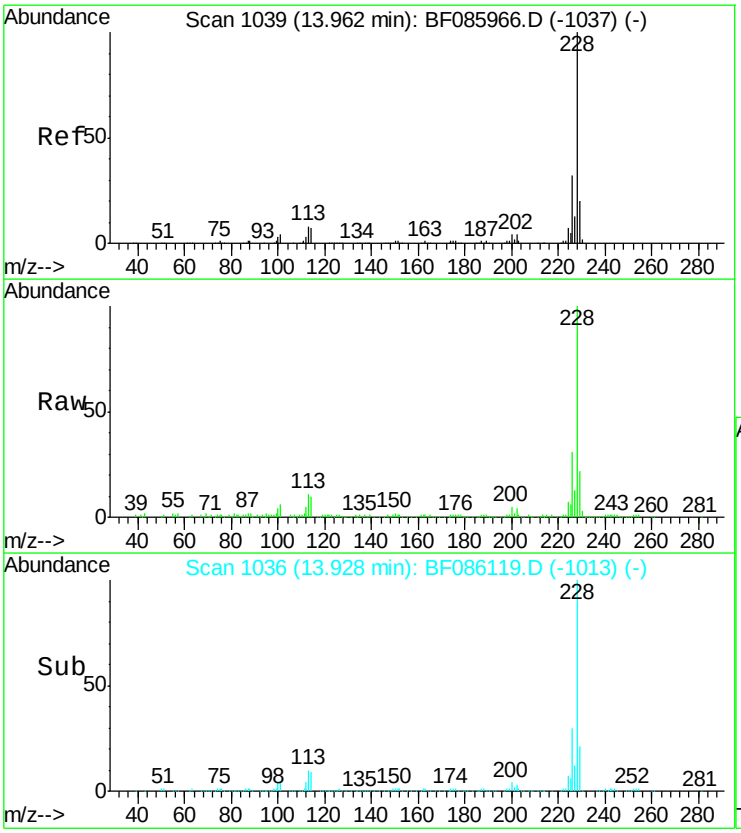
#80
Benzo(a)anthracene
Concen: 12.37 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:228 Resp: 189331

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	19.9	16.2	24.4

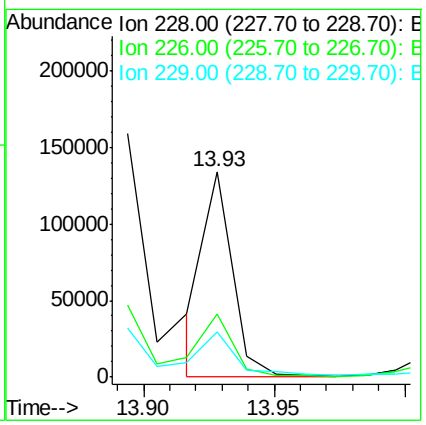


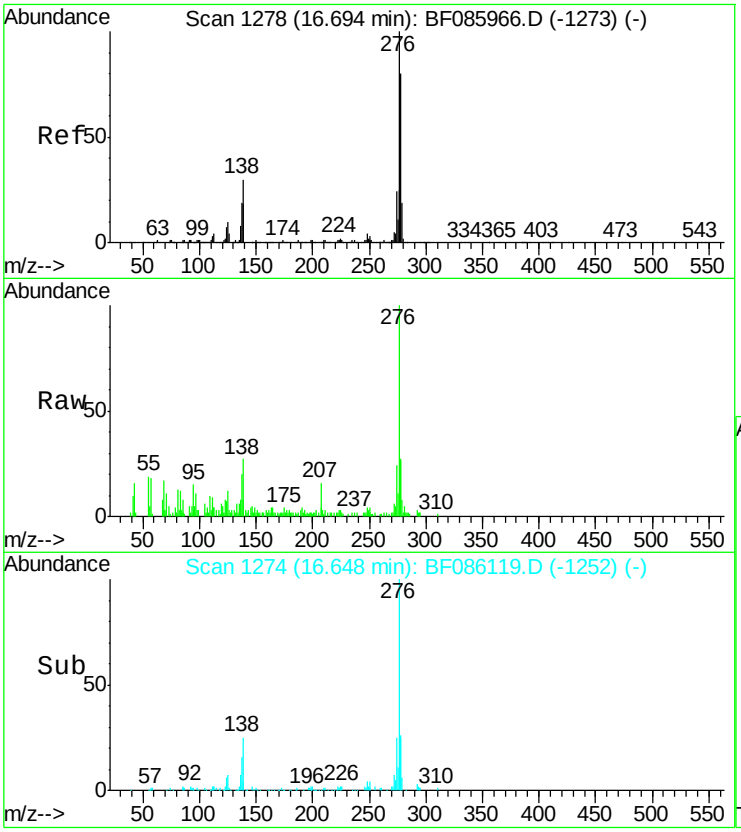


#82
Chrysene
Concen: 6.95 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:228 Resp: 102447

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.0	15.7	23.5



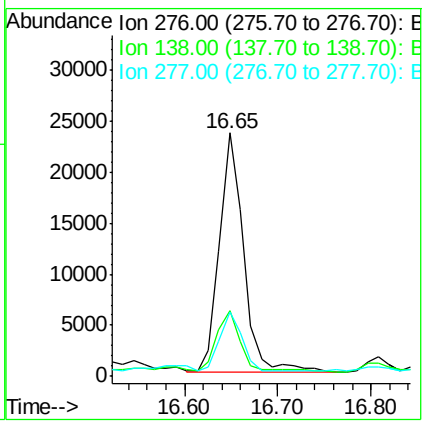


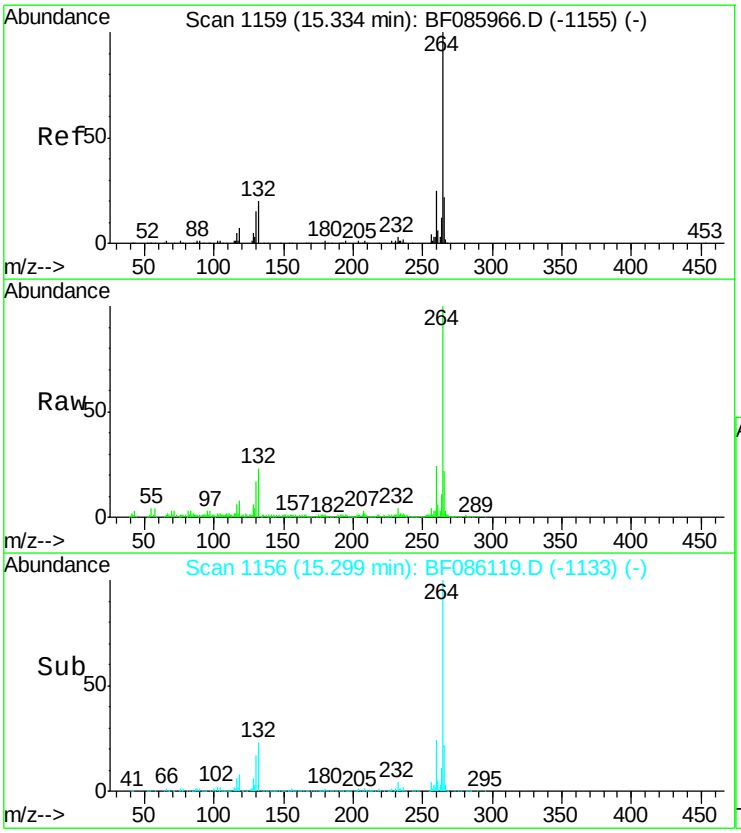
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.58 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:276 Resp: 42814

Ion	Ratio	Lower	Upper
276	100		
138	22.6	24.2	36.4#
277	22.5	20.0	30.0

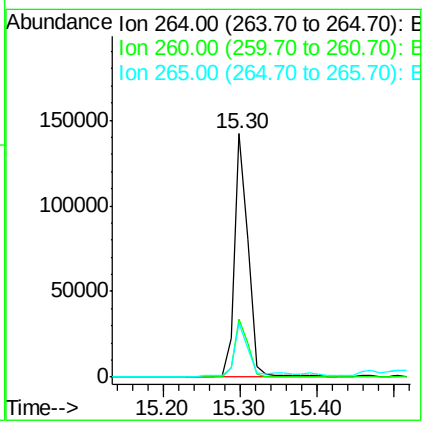


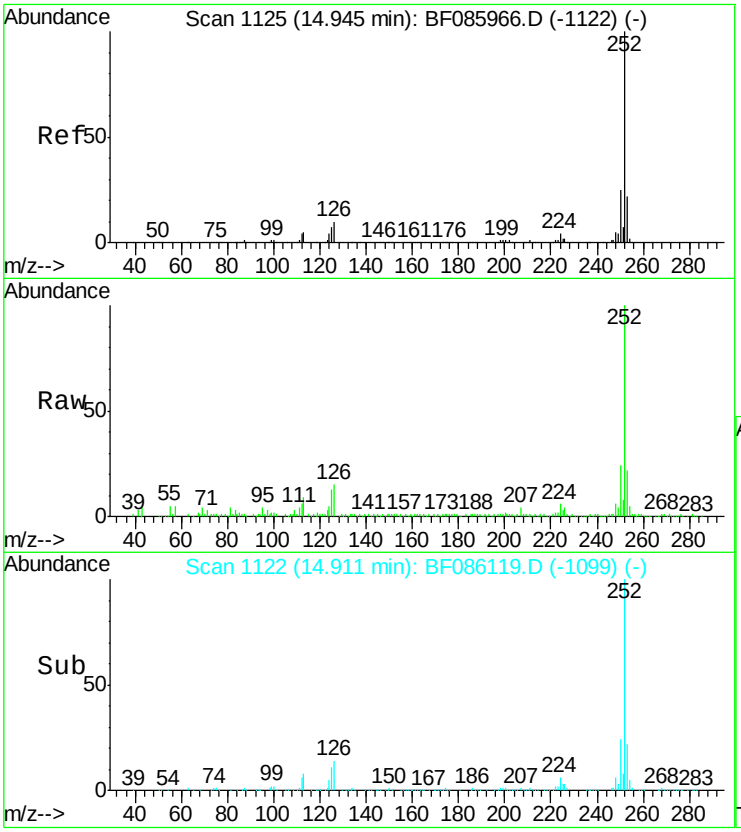


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:264 Resp: 178390

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.4	17.2	25.8



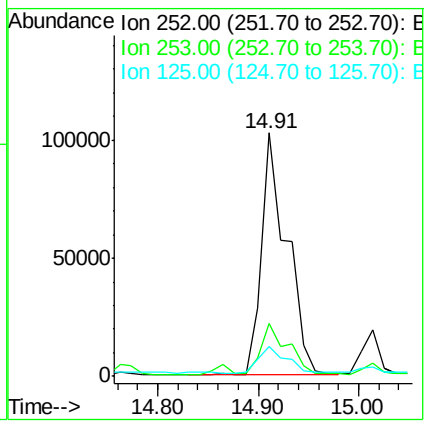


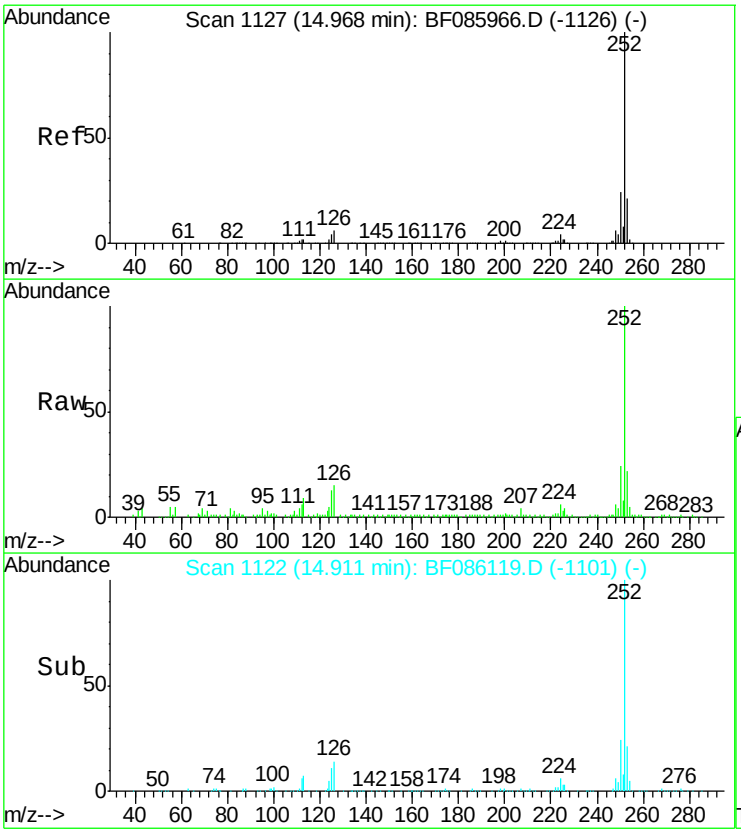
#87
Benzo(b)fluoranthene
Concen: 15.97 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:252 Resp: 179157

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.5	10.3	15.5

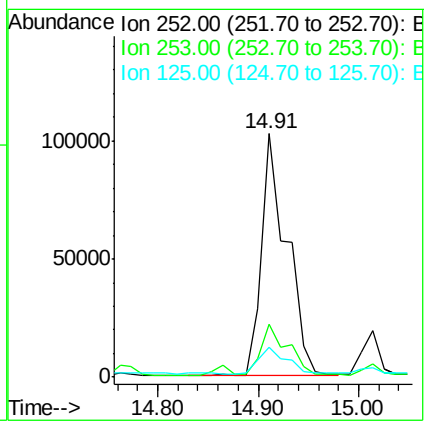


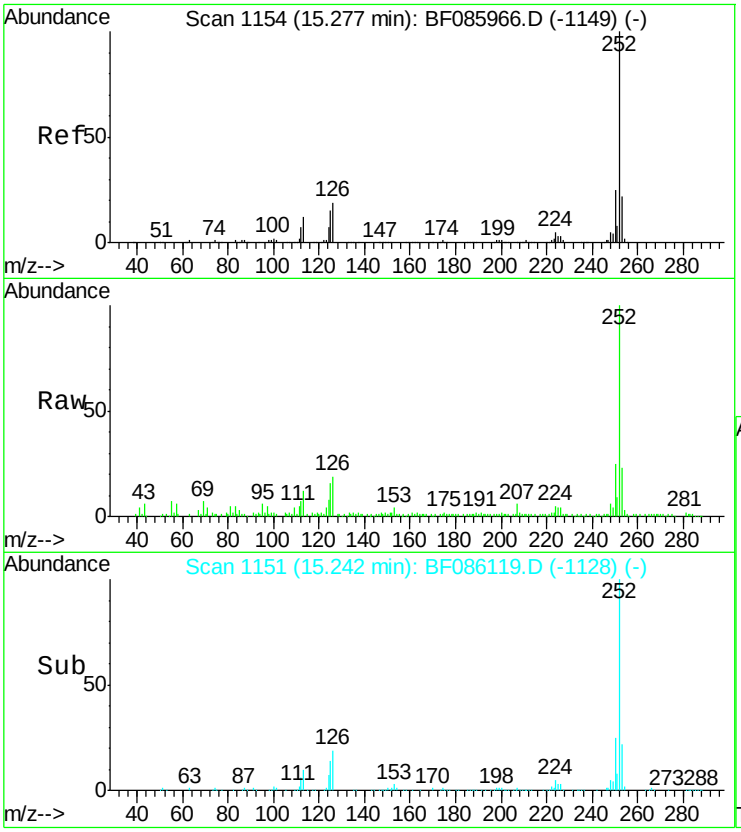


#88
Benzo(k)fluoranthene
Concen: 18.03 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:252 Resp: 179157

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	12.5	7.7	11.5#



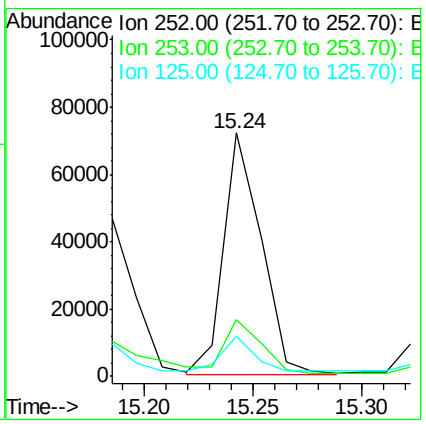


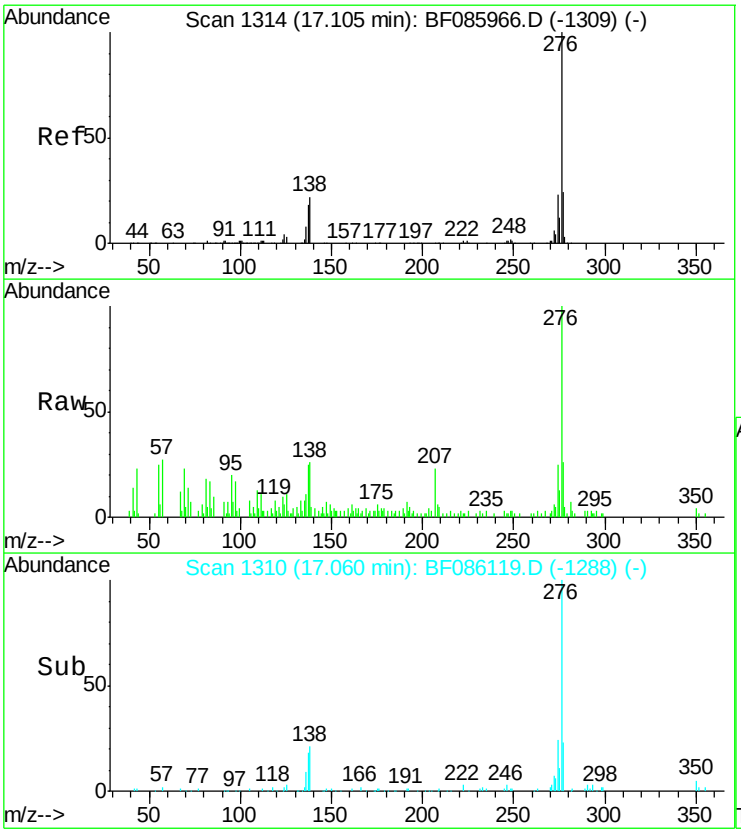
#89
Benzo(a)pyrene
Concen: 8.64 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Instrument :
BNA_F
ClientSampleId :
BH-14(0-4)

Tgt Ion:252 Resp: 85861

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	16.2	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 4.56 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF086119.D
Acq: 7 Apr 2016 1:18

Tgt Ion:276 Resp: 35304

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	26.1	22.6	34.0