Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084811.D
Acq On : 4 Feb 2016 3:40
Operator : SJ/IZ
Sample : H1312-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B005(5-7)

Quant Time: Feb 04 04:10:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	177228	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	782600	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	353812	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	629608	20.00	ng		0.00
75) Chrysene-d12	13.84	240	474741	20.00	ng		0.00
86) Perylene-d12	15.21	264	358767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	25173	2.21	ng		0.00
7) Phenol-d6	6.33	99	605339	42.91	ng		-0.01
23) Nitrobenzene-d5	7.25	82	857152	61.70	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.06	172	1779201	84.51	ng		0.00
78) Terphenyl-d14	12.80	244	1540379	73.53	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	118061	13.35	ng	#	72
31) Naphthalene	8.00	128	93512	2.38	ng		99
49) Dimethylphthalate	9.45	163	381898	14.17	ng	#	90
55) 4-Nitrophenol	9.93	139	13045	2.68	ng	#	10
56) 2,4-Dinitrotoluene	9.72	165	45884	6.11	ng	#	21
70) Phenanthrene	11.23	178	364598	10.44	ng		99
71) Anthracene	11.28	178	86923	2.47	ng		98
74) Fluoranthene	12.41	202	320226	9.06	ng		97
76) Benzidine	12.78	184	20983	7.72	ng		97
77) Pyrene	12.64	202	284821	7.84	ng		100
80) Benzo(a)anthracene	13.83	228	114012	3.87	ng		98
82) Chrysene	13.83	228	114012	3.99	ng		94
87) Benzo(b)fluoranthene	14.83	252	105511	4.38	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	105511	5.29	ng		97
89) Benzo(a)pyrene	15.15	252	58739	2.86	ng		98

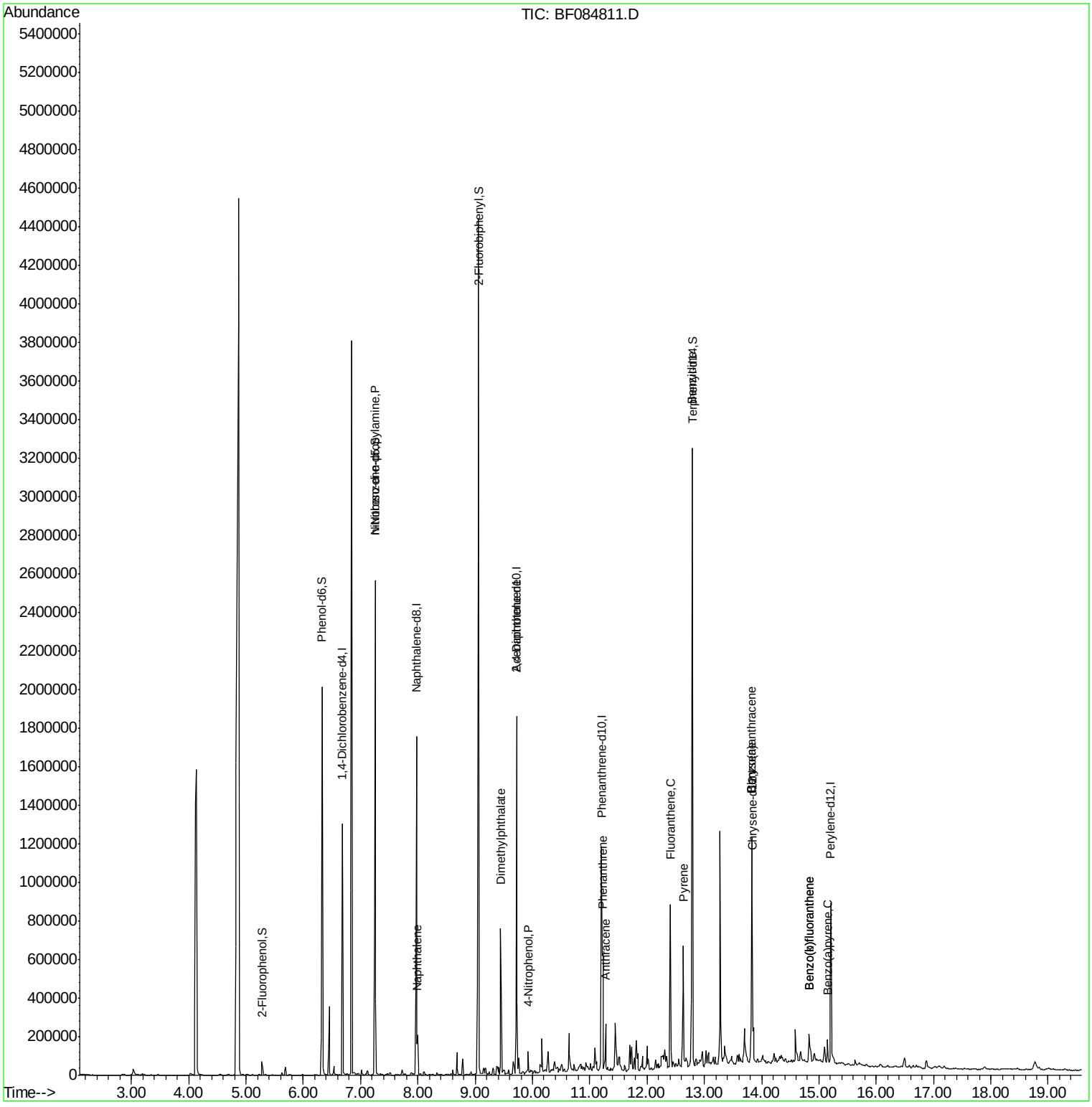
(#) = qualifier out of range (m) = manual integration (+) = signals summed

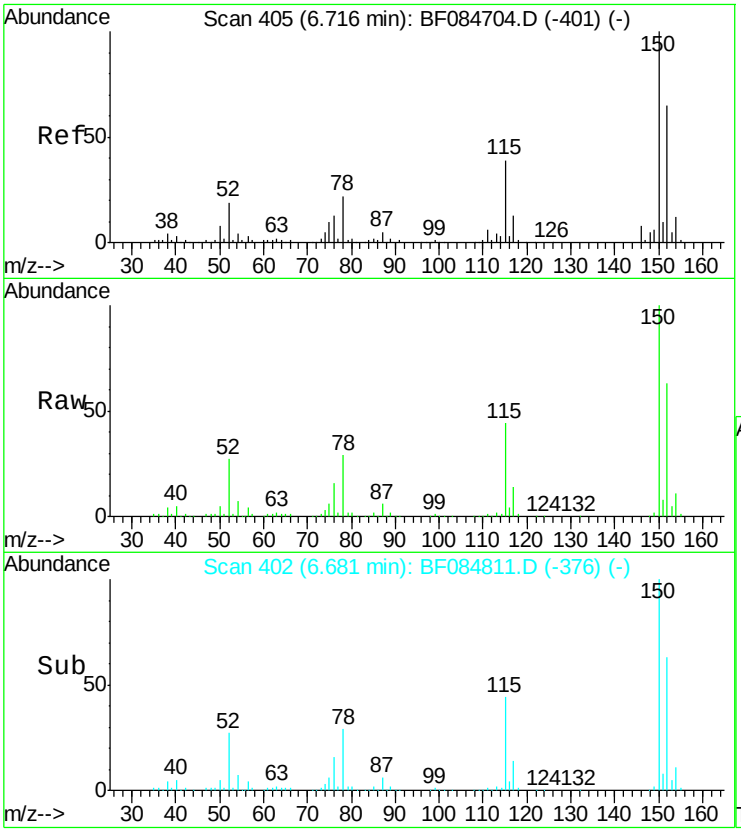
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084811.D
Acq On : 4 Feb 2016 3:40
Operator : SJ/IZ
Sample : H1312-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Quant Time: Feb 04 04:10:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



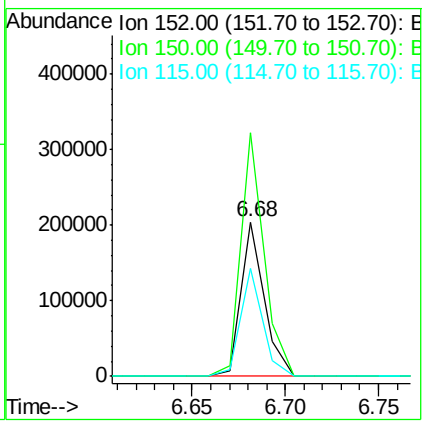


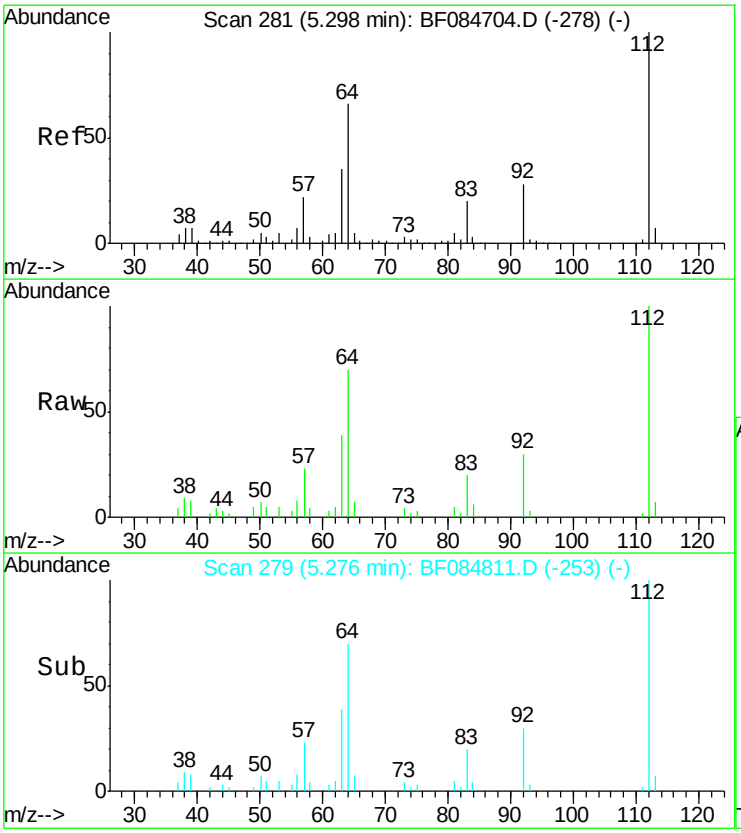
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:152 Resp: 177228

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.4
115	70.2	51.4	77.2

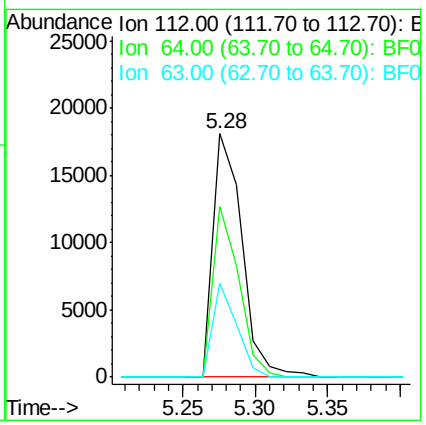


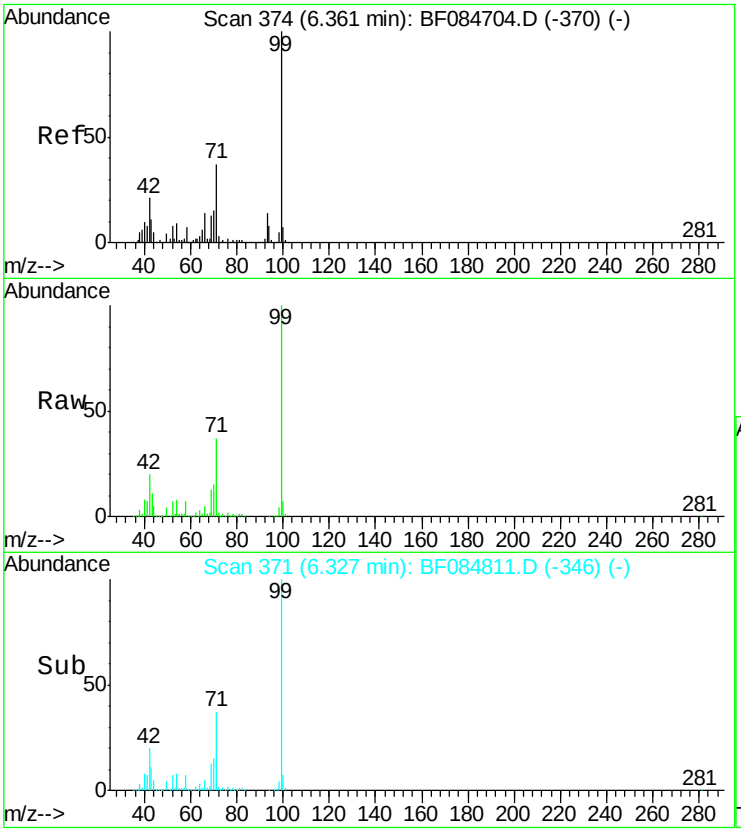


#5
2-Fluorophenol
Concen: 2.21 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:112 Resp: 25173

Ion	Ratio	Lower	Upper
112	100		
64	69.9	36.6	55.0#
63	38.8	19.4	29.0#



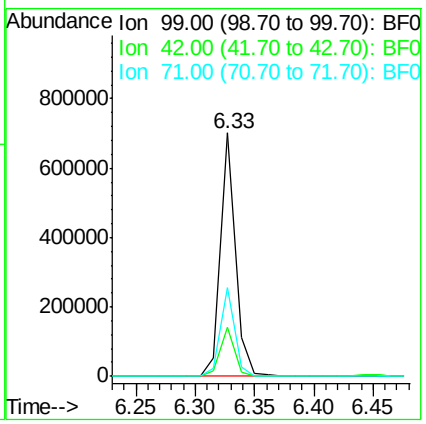


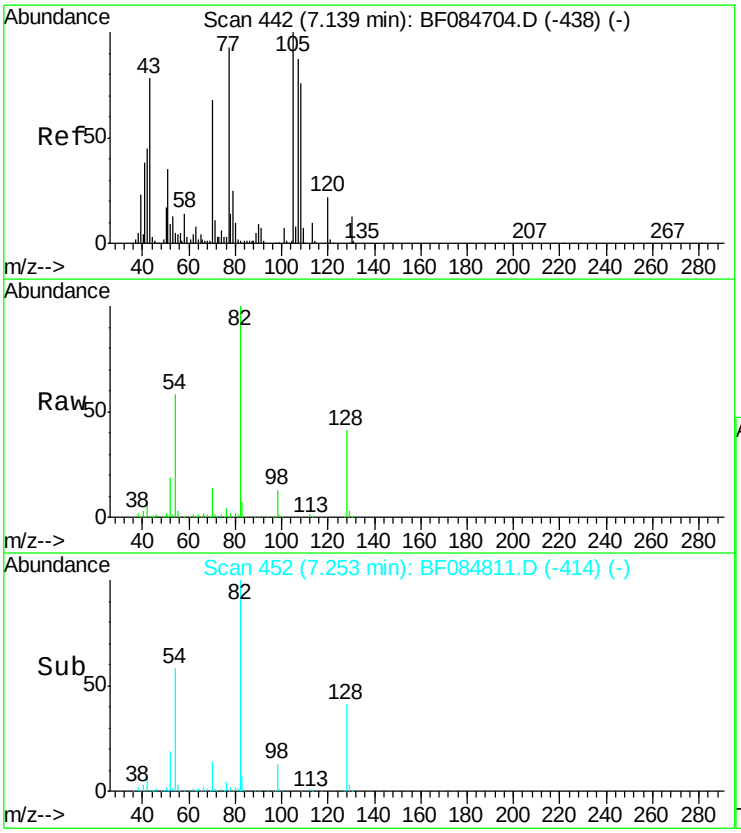
#7
Phenol-d6
Concen: 42.91 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion: 99 Resp: 605339

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	36.6	30.9	46.3

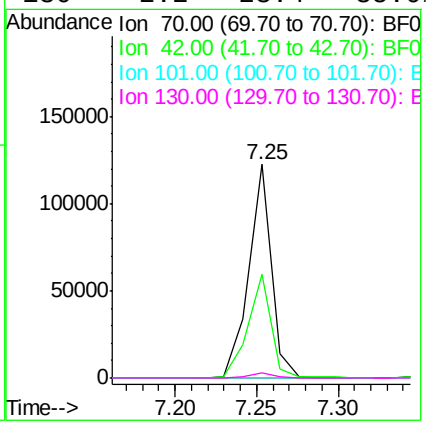


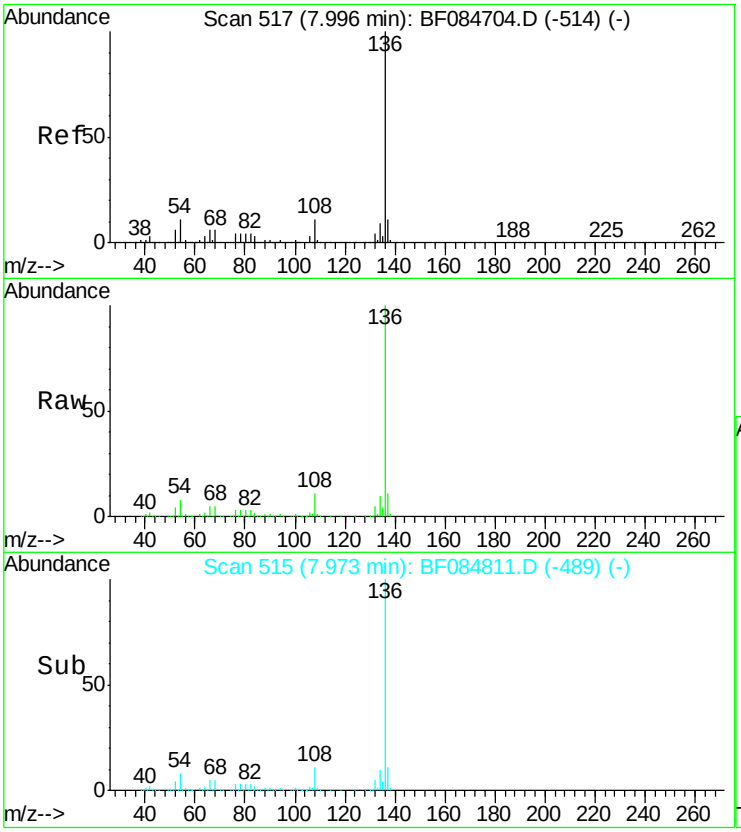


#19
n-Nitroso-di-n-propylamine
Concen: 13.35 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion: 70 Resp: 118061

Ion	Ratio	Lower	Upper
70	100		
42	48.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



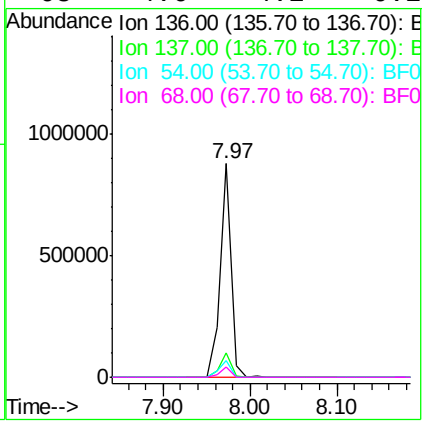


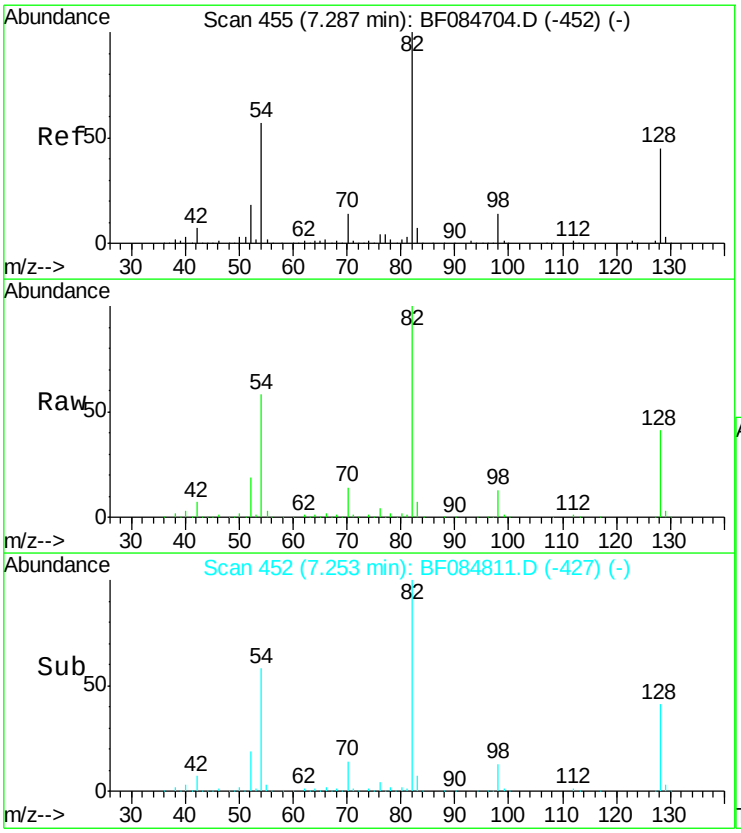
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:136 Resp: 782600

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.0	5.8	8.8
68	4.6	4.2	6.2

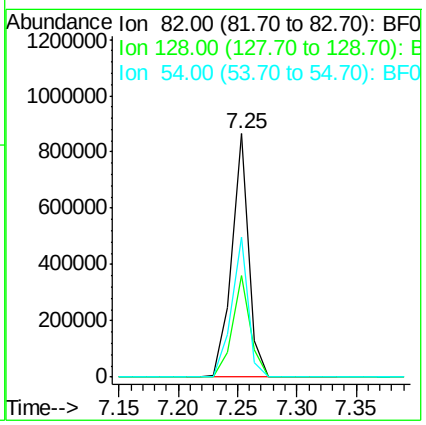


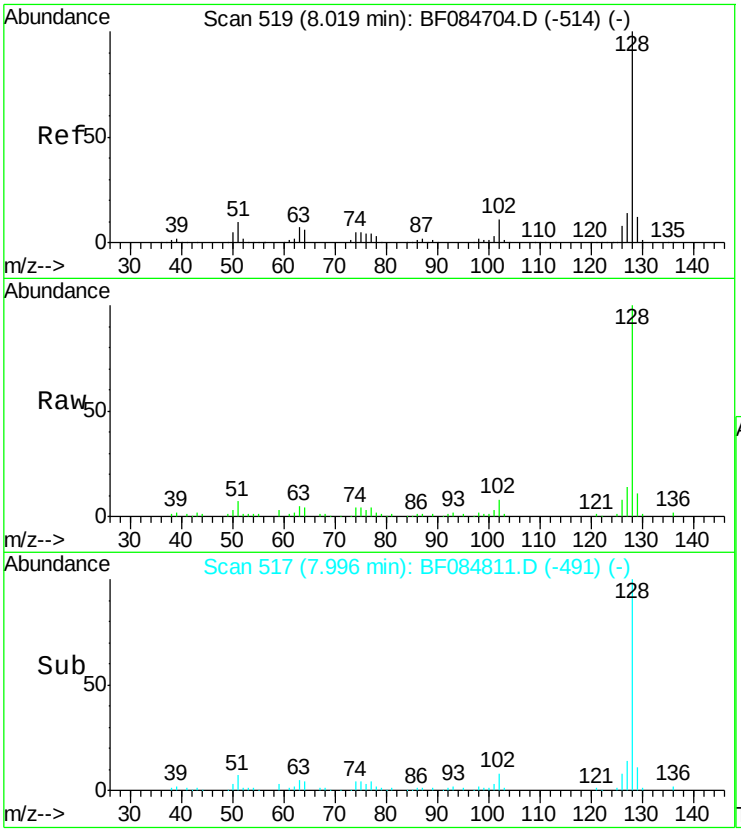


#23
Nitrobenzene-d5
Concen: 61.70 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion: 82 Resp: 857152

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	57.5	38.4	57.6



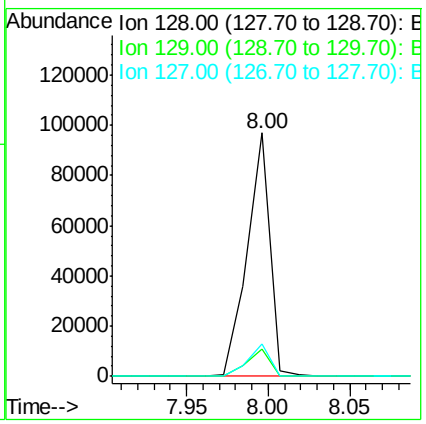


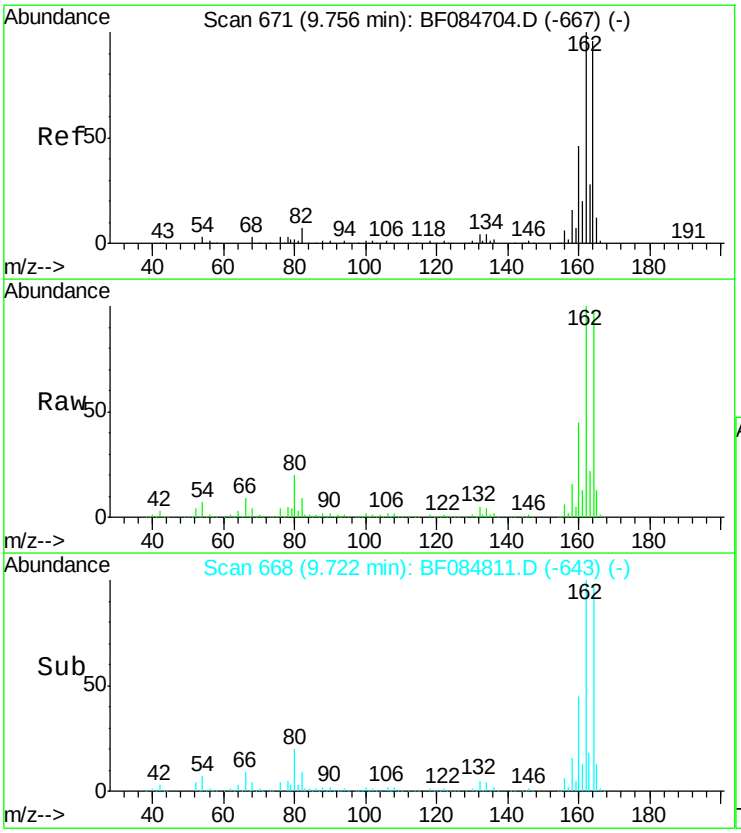
#31
Naphthalene
Concen: 2.38 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:128 Resp: 93512

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.5	11.1	16.7

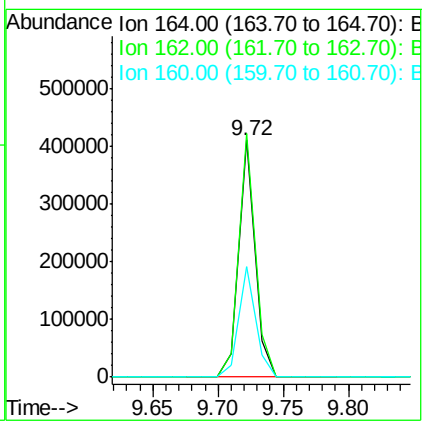


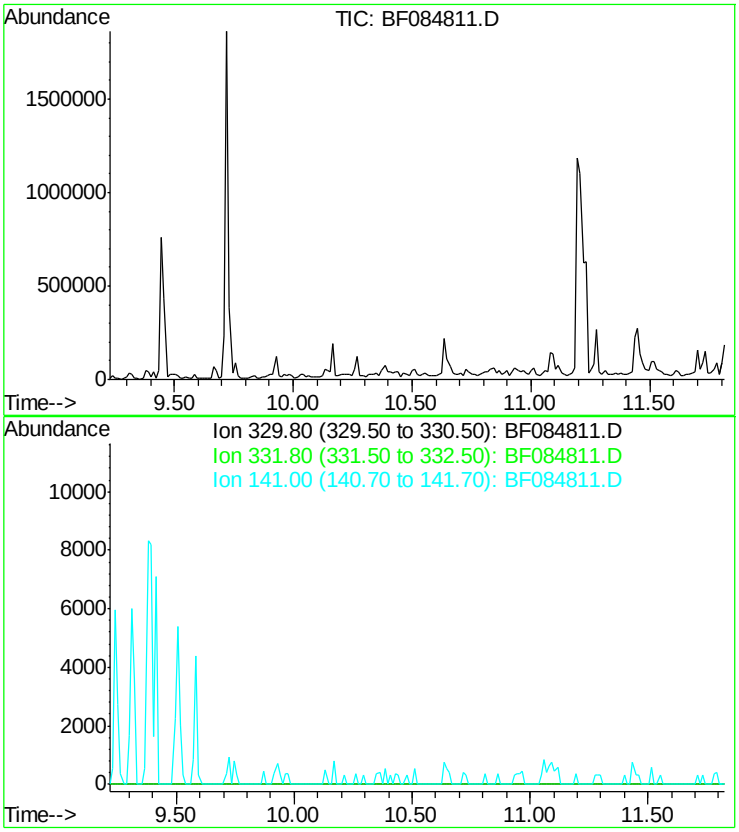


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:164 Resp: 353812

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	46.5	37.5	56.3





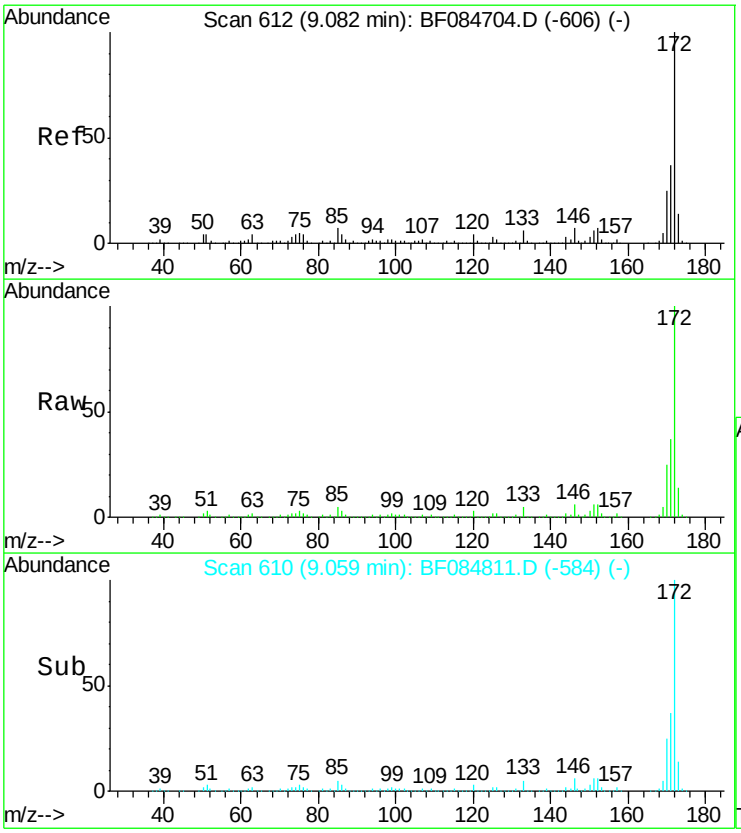
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.52 min

Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	34.7

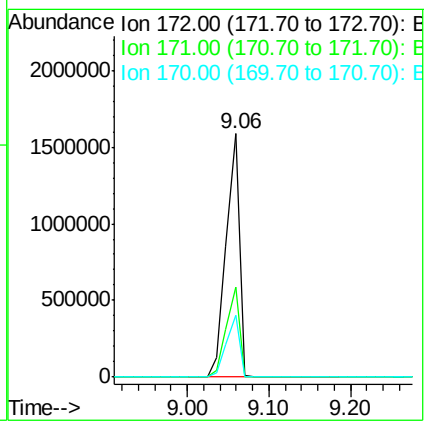
Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

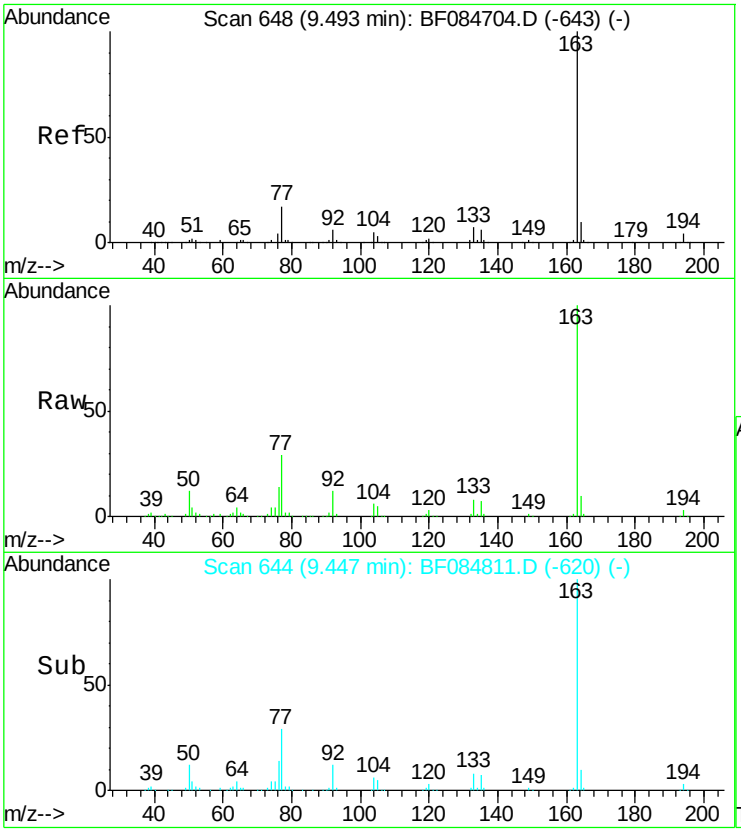


#44
2-Fluorobiphenyl
Concen: 84.51 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:172 Resp: 1779201

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.2	18.6	27.8



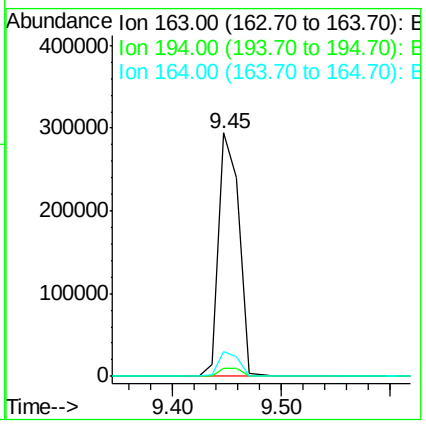


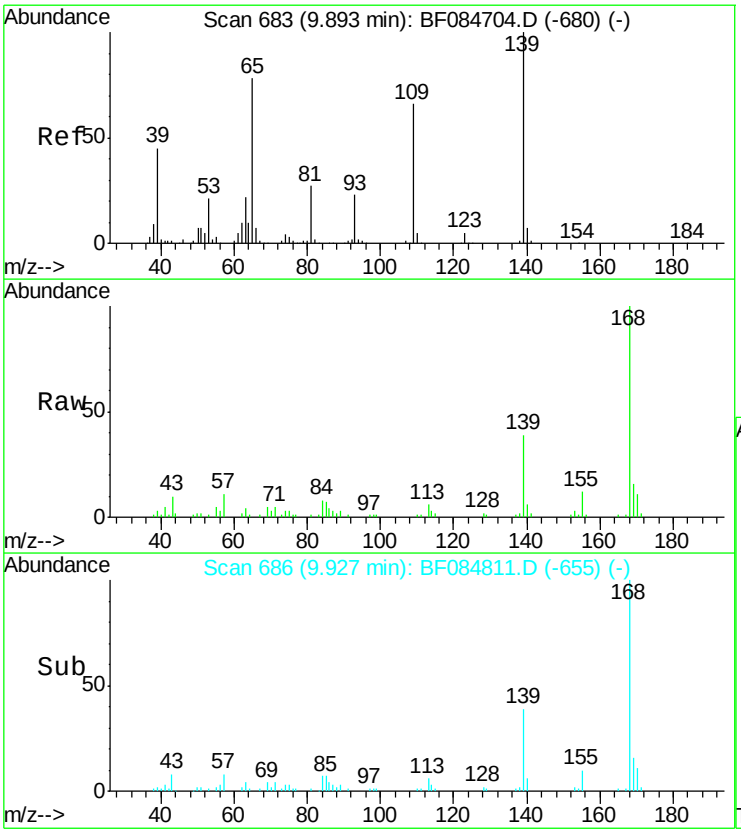
#49
Dimethylphthalate
Concen: 14.17 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:163 Resp: 381898

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.3	8.0	12.0

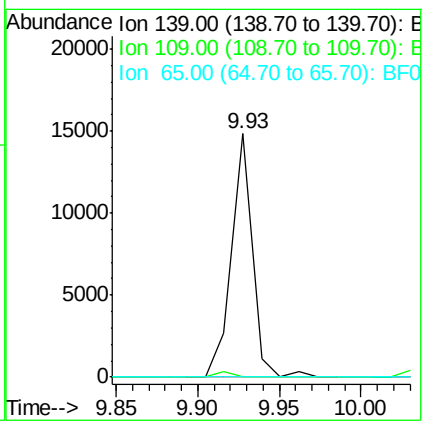


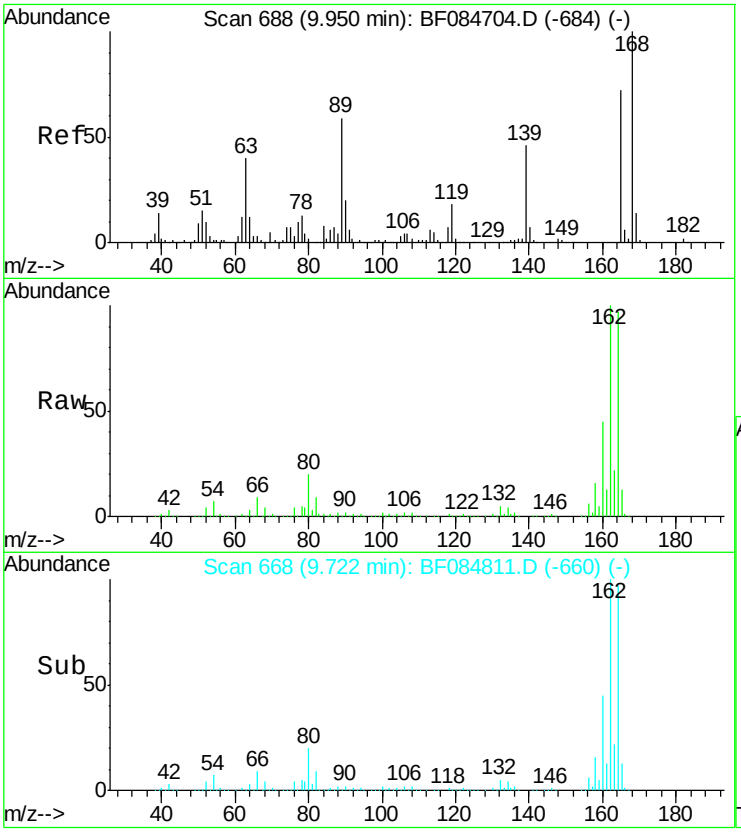


#55
4-Nitrophenol
Concen: 2.68 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.06 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:139 Resp: 13045

Ion	Ratio	Lower	Upper
139	100		
109	0.0	58.5	98.5#
65	0.0	57.6	97.6#



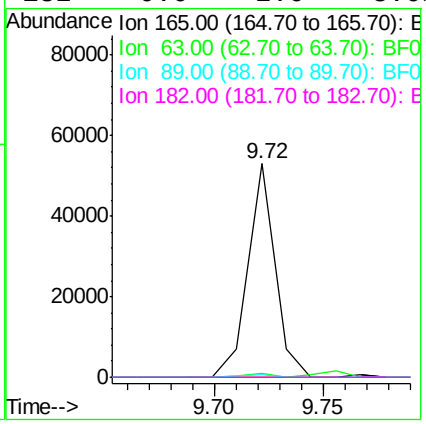


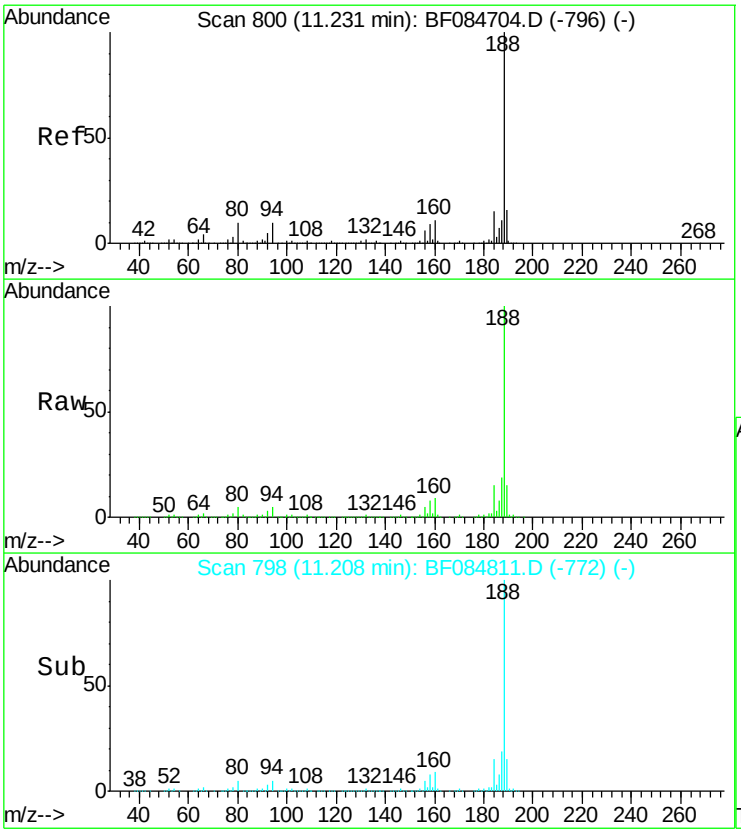
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:165 Resp: 45884

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#

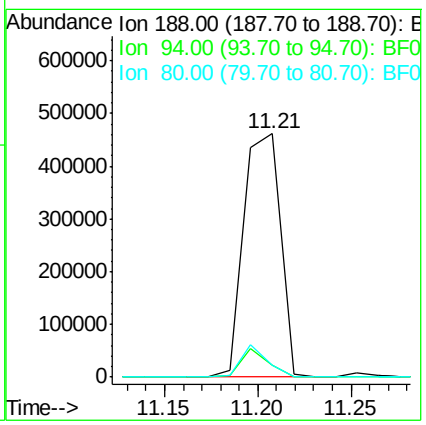


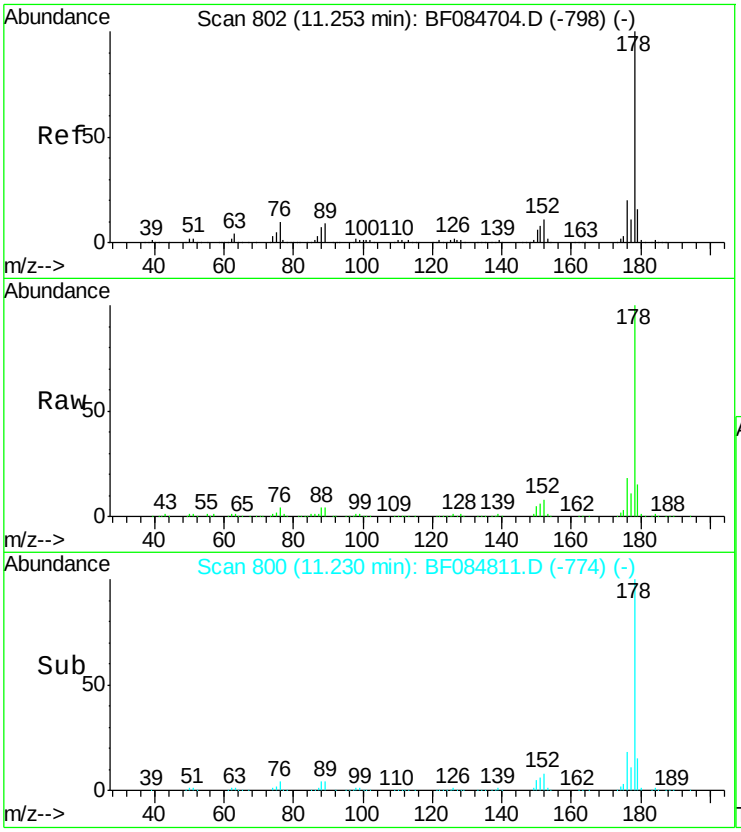


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:188 Resp: 629608

Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.0	13.4#
80	5.1	9.6	14.4#



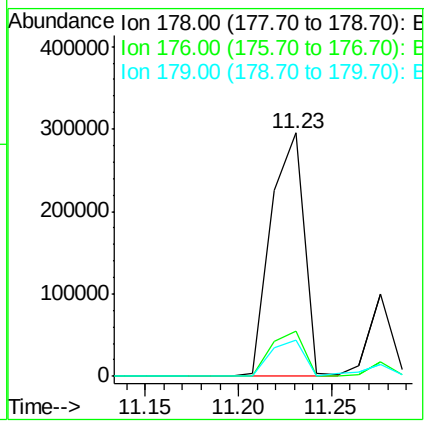


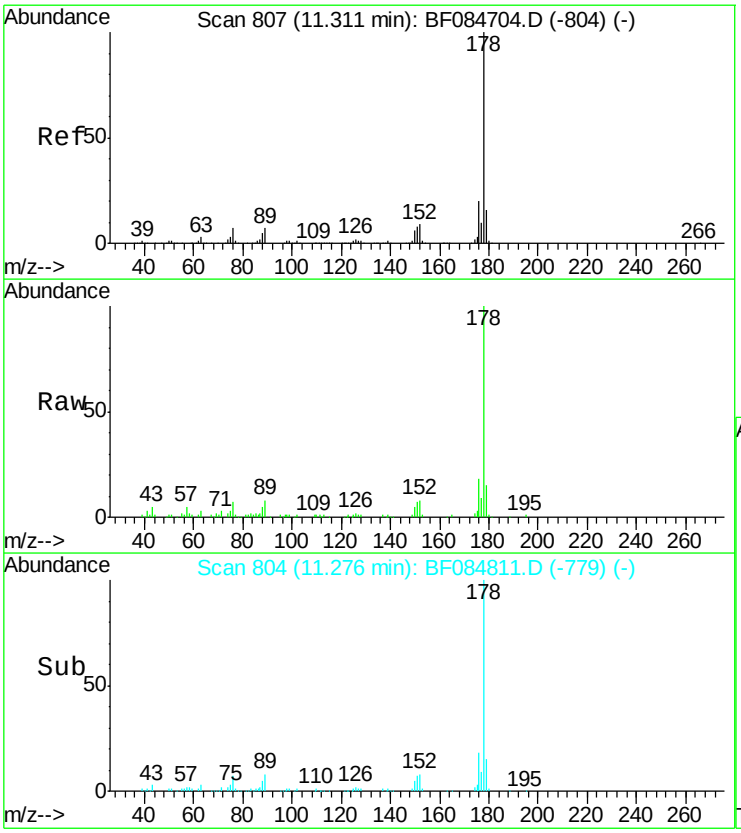
#70
Phenanthrene
Concen: 10.44 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:178 Resp: 364598

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.6	12.0	18.0

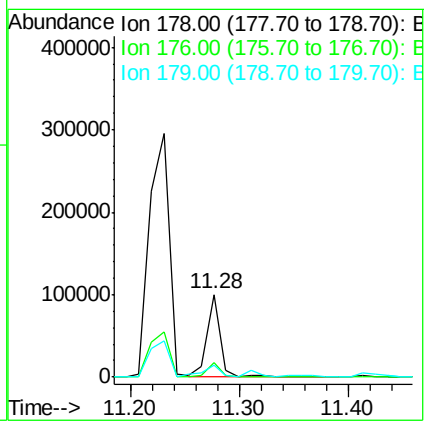


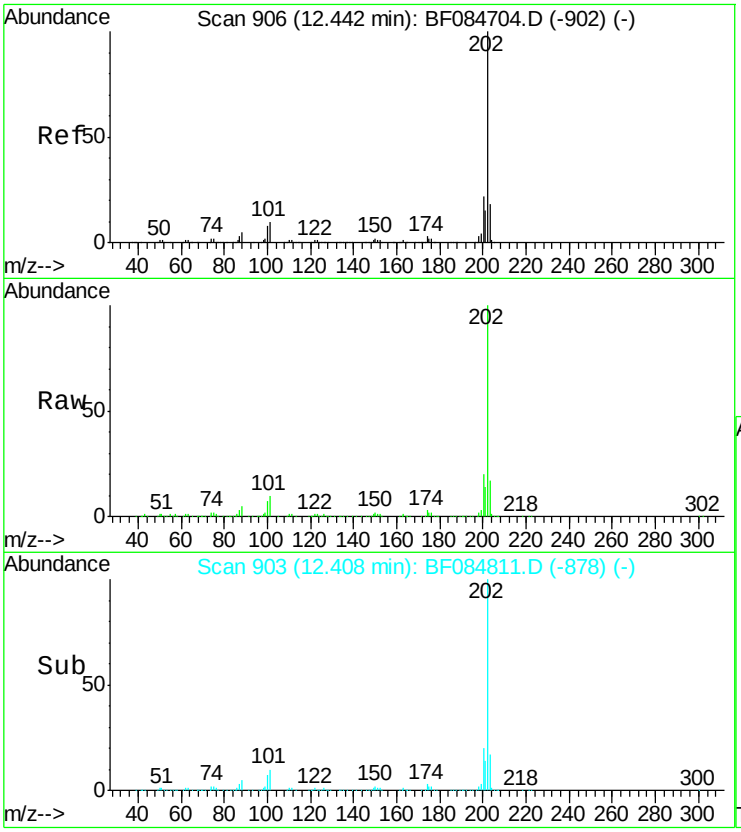


#71
Anthracene
Concen: 2.47 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:178 Resp: 86923

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	14.8	12.5	18.7



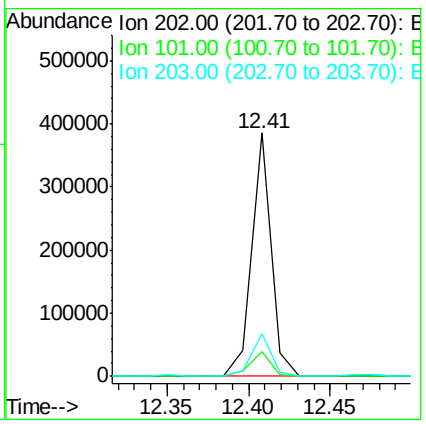


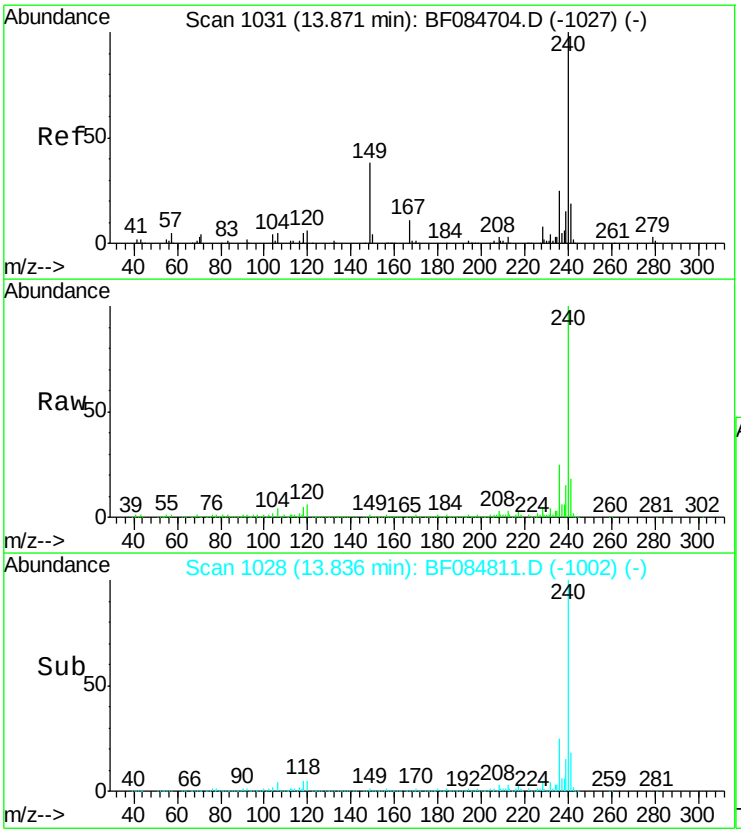
#74
Fluoranthene
Concen: 9.06 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:202 Resp: 320226

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.8
203	17.4	0.0	37.9

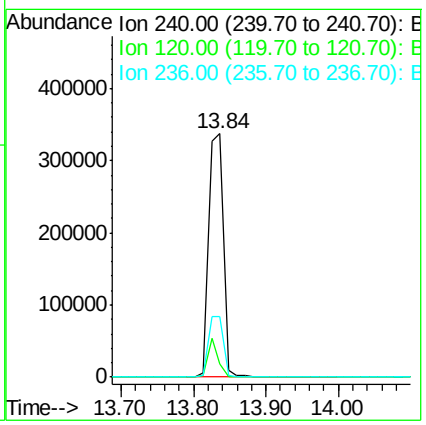


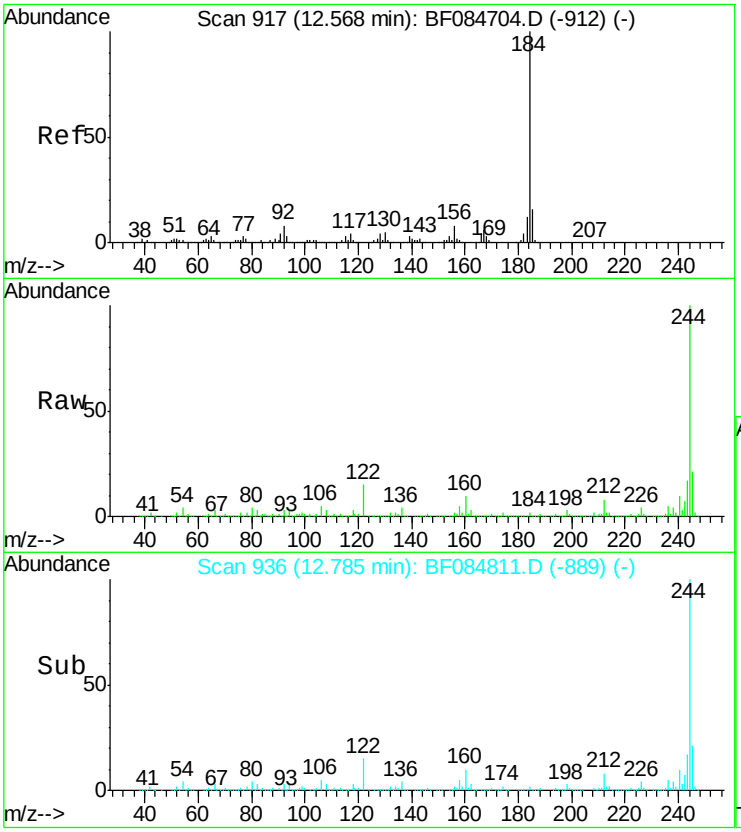


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:240 Resp: 474741

Ion	Ratio	Lower	Upper
240	100		
120	5.5	9.5	14.3#
236	24.7	20.6	31.0



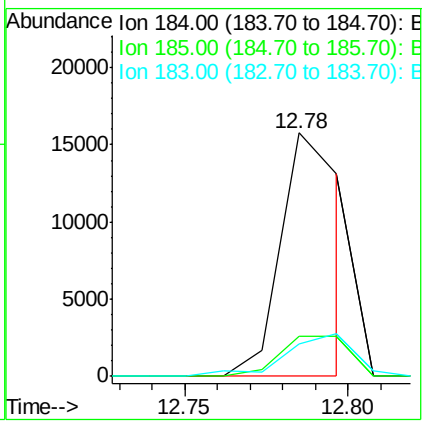


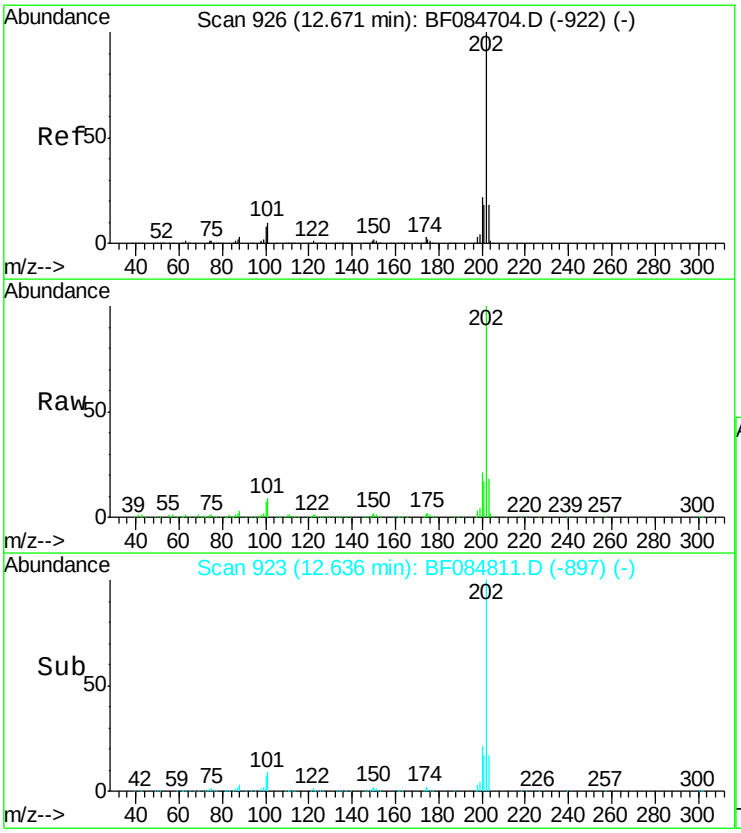
#76
Benzidine
Concen: 7.72 ng
RT: 12.78 min Scan# 936
Delta R.T. 0.24 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:184 Resp: 20983

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.2	18.2
183	13.4	9.8	14.8

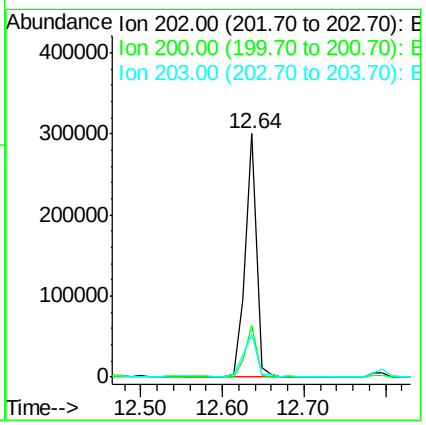


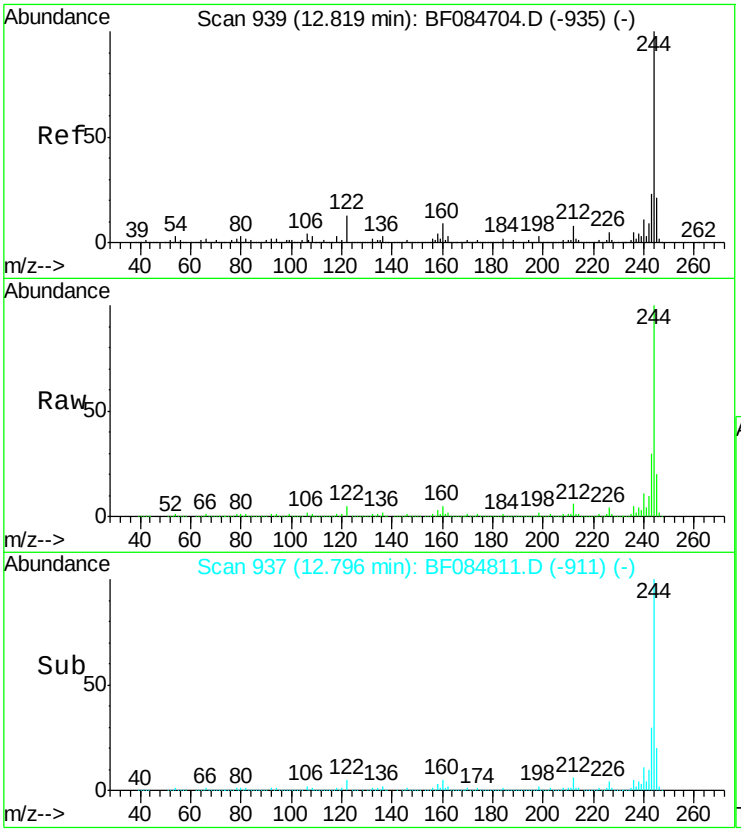


#77
Pyrene
Concen: 7.84 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:202 Resp: 284821

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.6	14.3	21.5



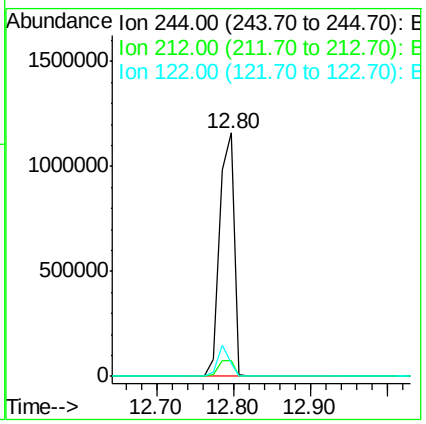


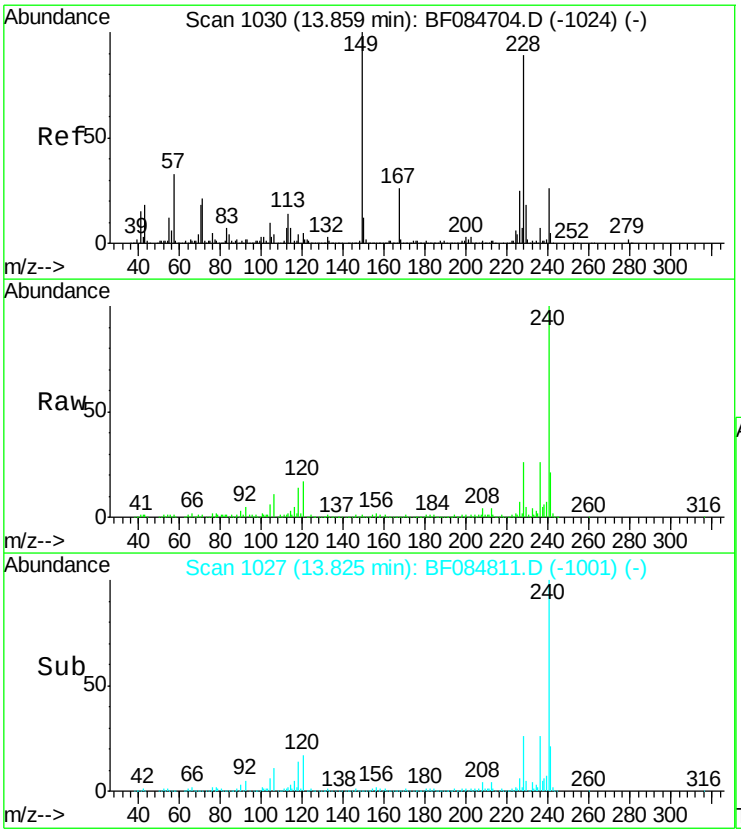
#78
Terphenyl-d14
Concen: 73.53 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:244 Resp: 1540379

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	5.5	7.4	11.0#

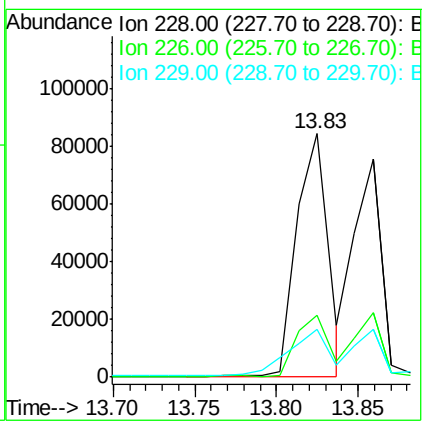


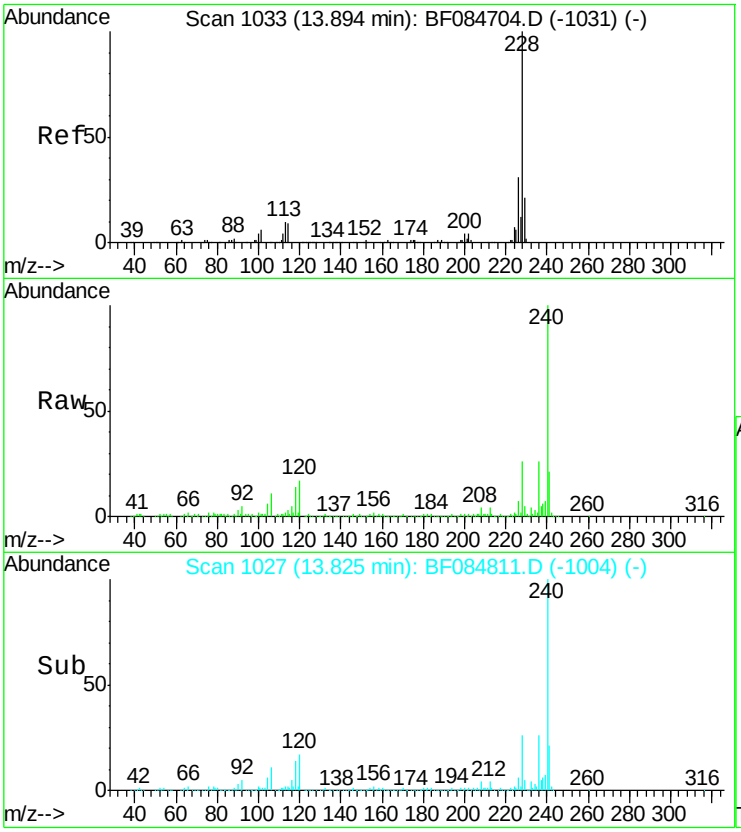


#80
Benzo(a)anthracene
Concen: 3.87 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:228 Resp: 114012

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.8	32.6
229	19.5	15.8	23.8



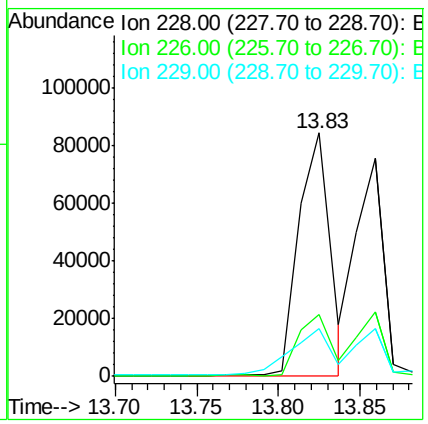


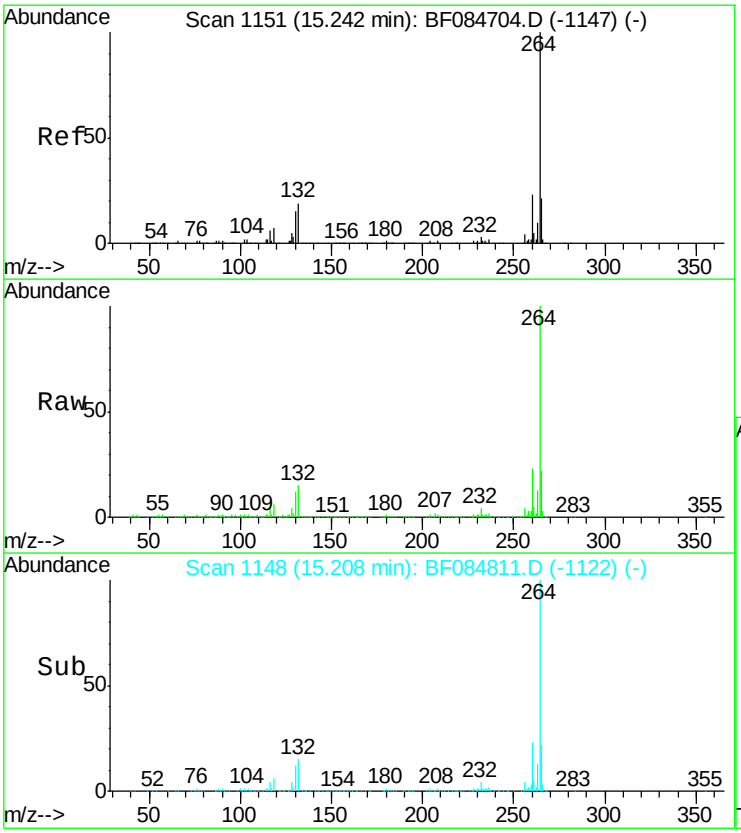
#82
Chrysene
Concen: 3.99 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:228 Resp: 114012

Ion	Ratio	Lower	Upper
228	100		
226	25.5	24.3	36.5
229	19.5	16.1	24.1

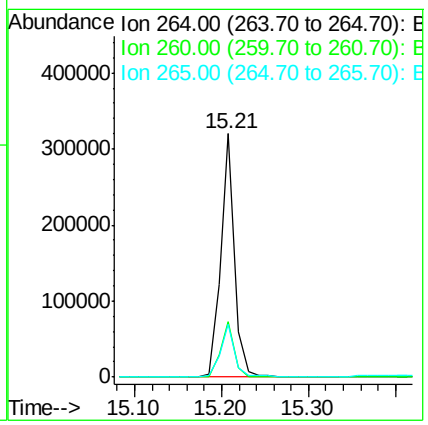


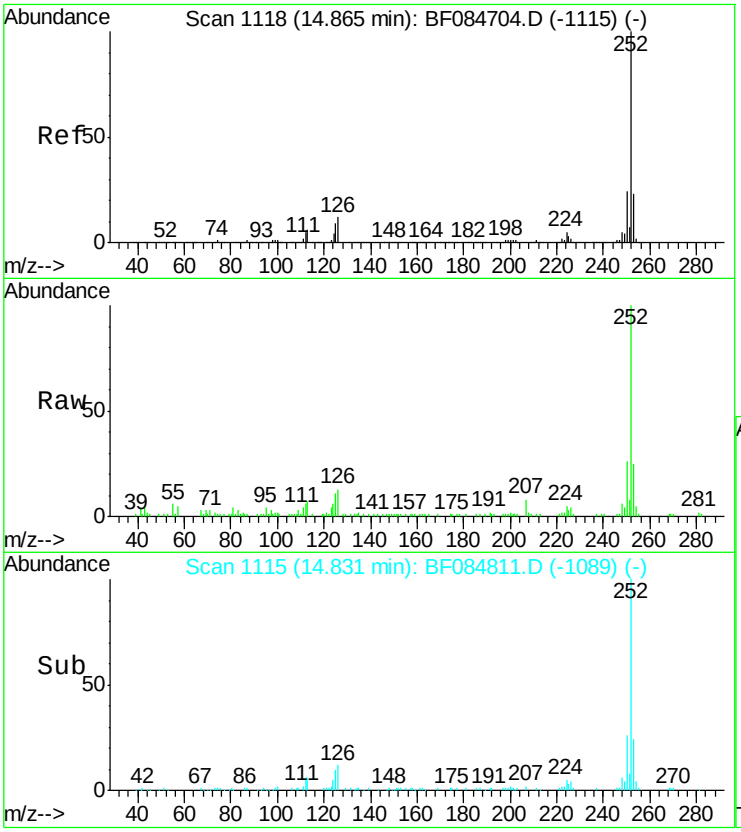


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:264 Resp: 358767

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.8	17.8	26.6



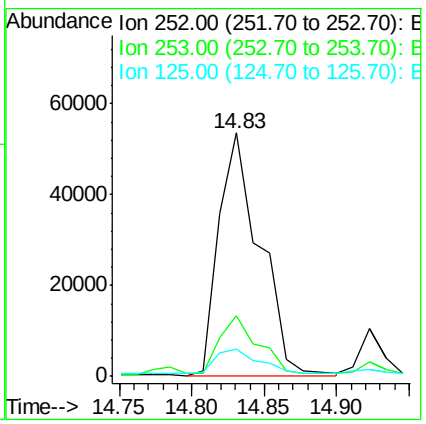


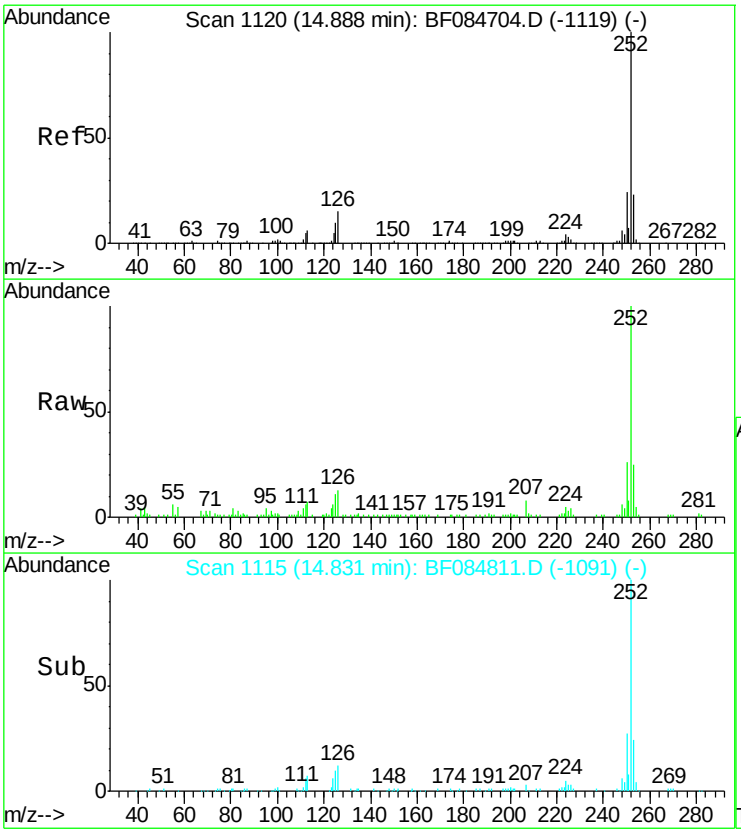
#87
Benzo(b)fluoranthene
Concen: 4.38 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:252 Resp: 105511

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	11.4	6.5	9.7#

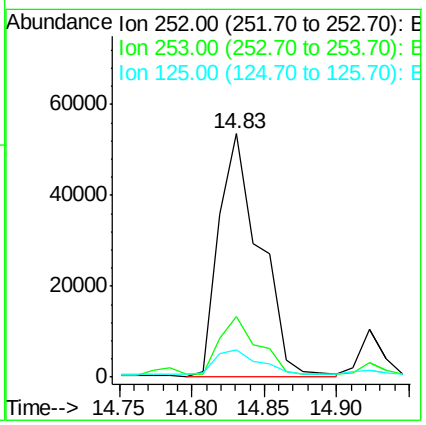


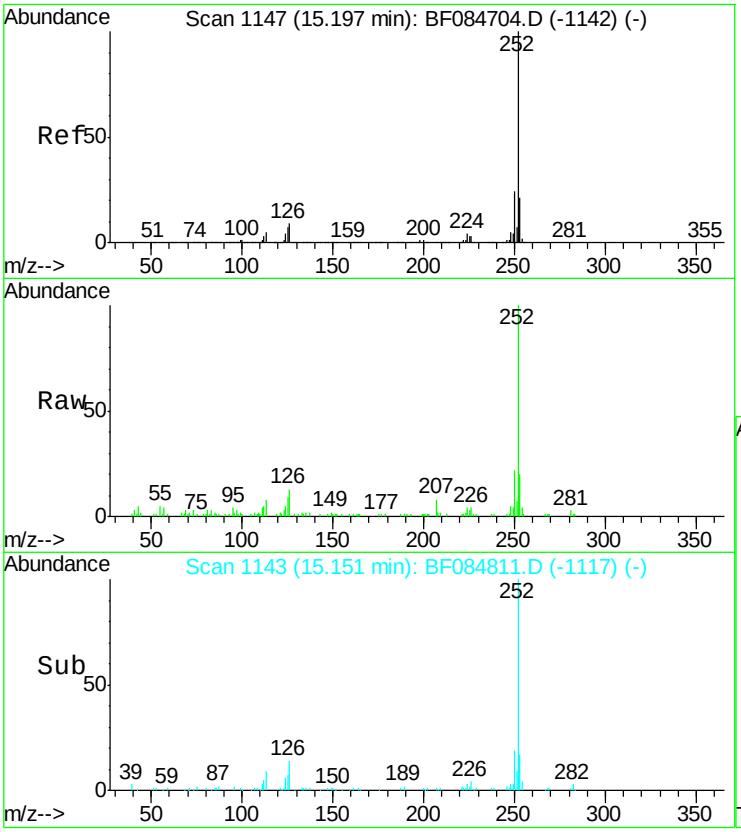


#88
Benzo(k)fluoranthene
Concen: 5.29 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:252 Resp: 105511

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	11.4	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.86 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tgt Ion:252 Resp: 58739

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.3	25.9
125	8.9	7.0	10.4