Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084677.D
Acq On : 30 Jan 2016 11:08
Operator : SJ/IZ
Sample : H1257-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B015(6-9)

Quant Time: Feb 01 00:24:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173571	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	707554	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	314201	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	553815	20.00	ng		0.00
75) Chrysene-d12	13.87	240	355627	20.00	ng		0.00
86) Perylene-d12	15.25	264	338879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1215610	105.72	ng		0.01
7) Phenol-d6	6.37	99	1562452	113.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	919337	72.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	327210	99.36	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1577274	74.62	ng		0.00
78) Terphenyl-d14	12.82	244	888012	56.40	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	124389	14.78	ng	#	70
25) Isophorone	7.29	82	816251	34.41	ng	#	66
49) Dimethylphthalate	9.48	163	218599	9.27	ng	#	90
66) 4-Bromophenyl-phenylether	10.54	248	20982	3.36	ng	#	1
70) Phenanthrene	11.26	178	153467	5.01	ng		98
71) Anthracene	11.26	178	153467	4.93	ng		99
74) Fluoranthene	12.44	202	125666	4.15	ng		99
77) Pyrene	12.67	202	114518	4.27	ng		97
80) Benzo(a)anthracene	13.86	228	62352	2.81	ng	#	92
82) Chrysene	13.89	228	83209	3.81	ng	#	91
87) Benzo(b)fluoranthene	14.87	252	88318	4.02	ng	#	90
88) Benzo(k)fluoranthene	14.87	252	88318	4.87	ng	#	94
89) Benzo(a)pyrene	15.20	252	48250	2.54	ng	#	87
91) Benzo(g,h,i)perylene	16.96	276	44434	2.57	ng		99

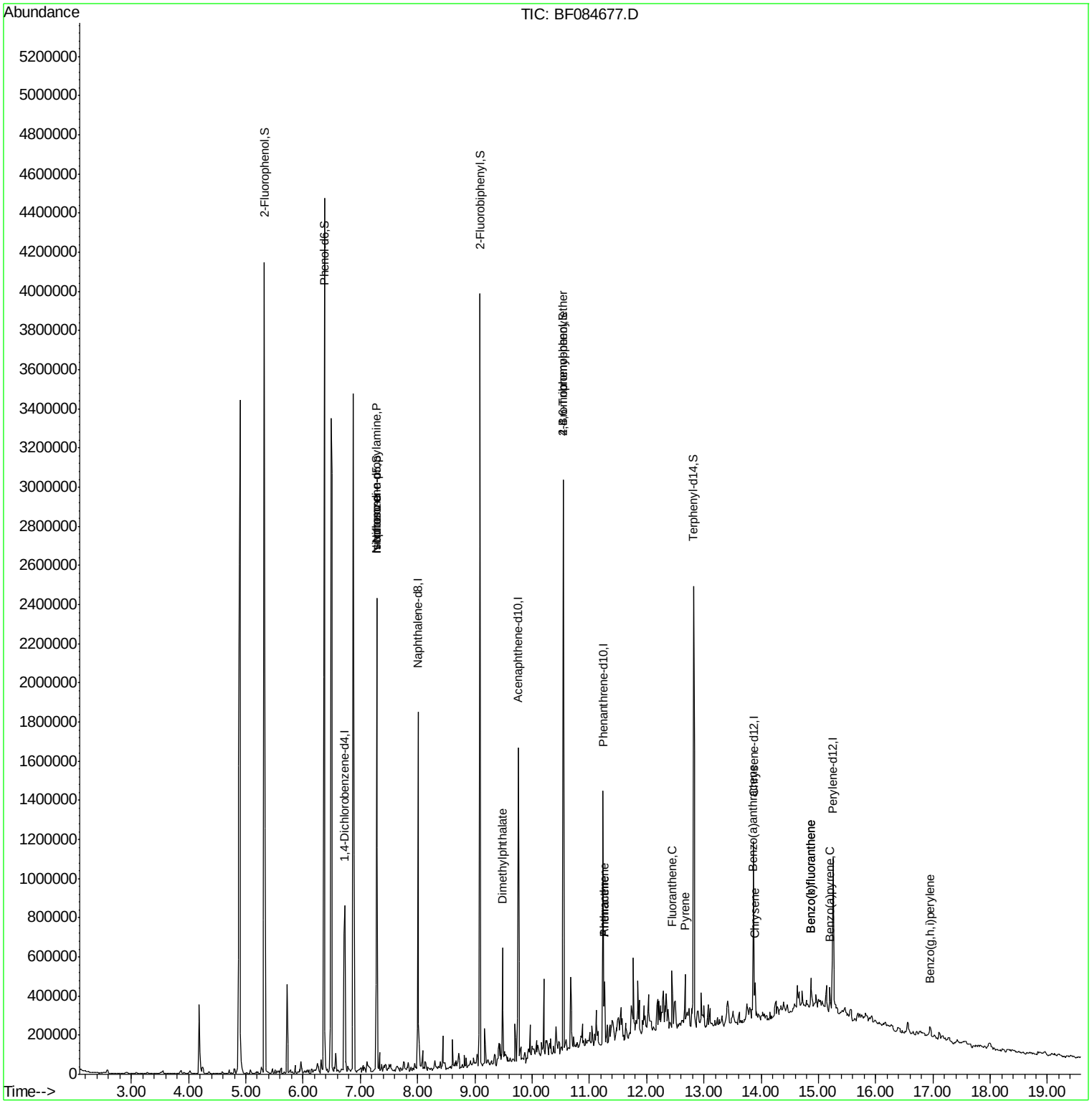
(#) = qualifier out of range (m) = manual integration (+) = signals summed

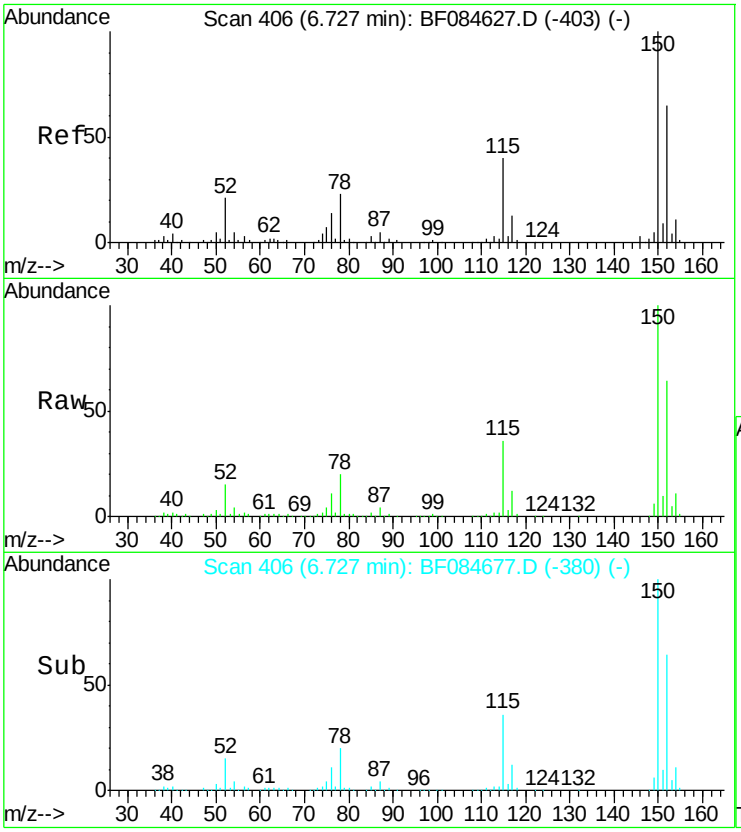
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084677.D
Acq On : 30 Jan 2016 11:08
Operator : SJ/IZ
Sample : H1257-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Quant Time: Feb 01 00:24:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration



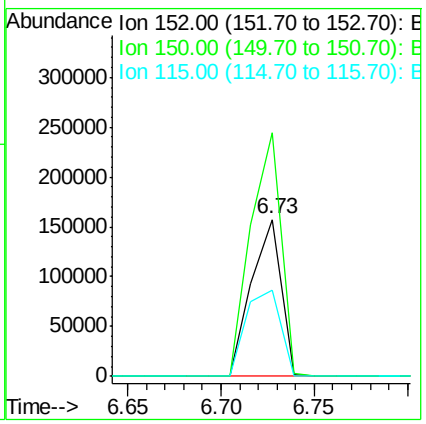


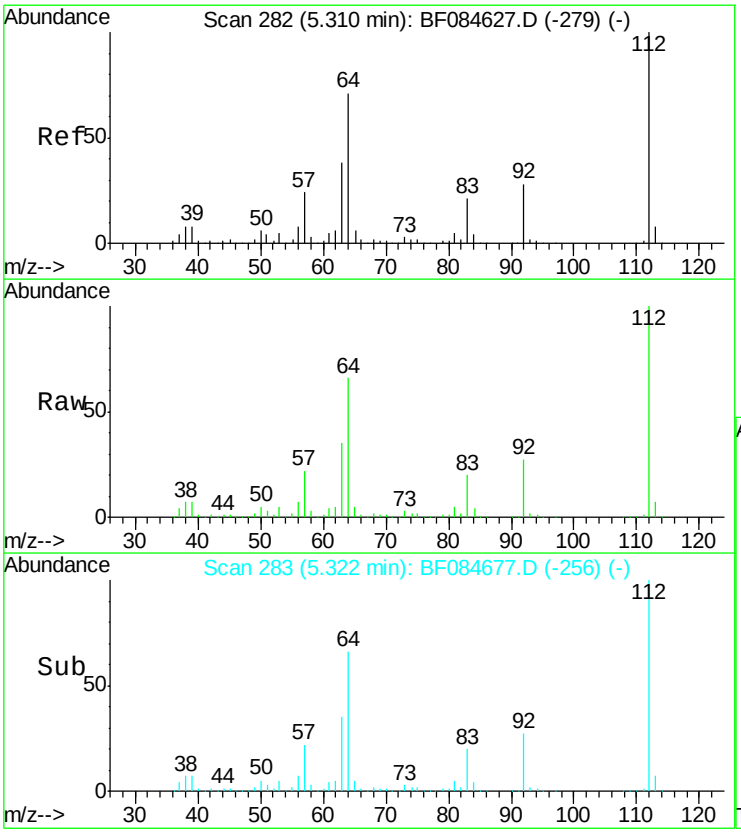
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:152 Resp: 173571

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	55.4	51.4	77.2

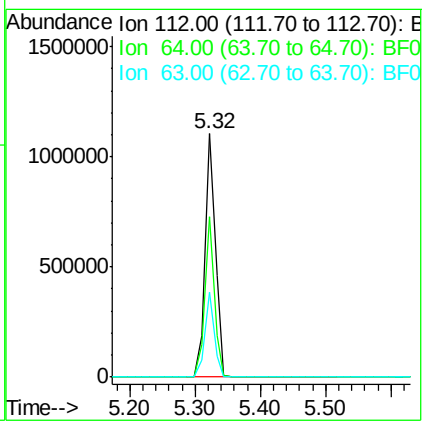


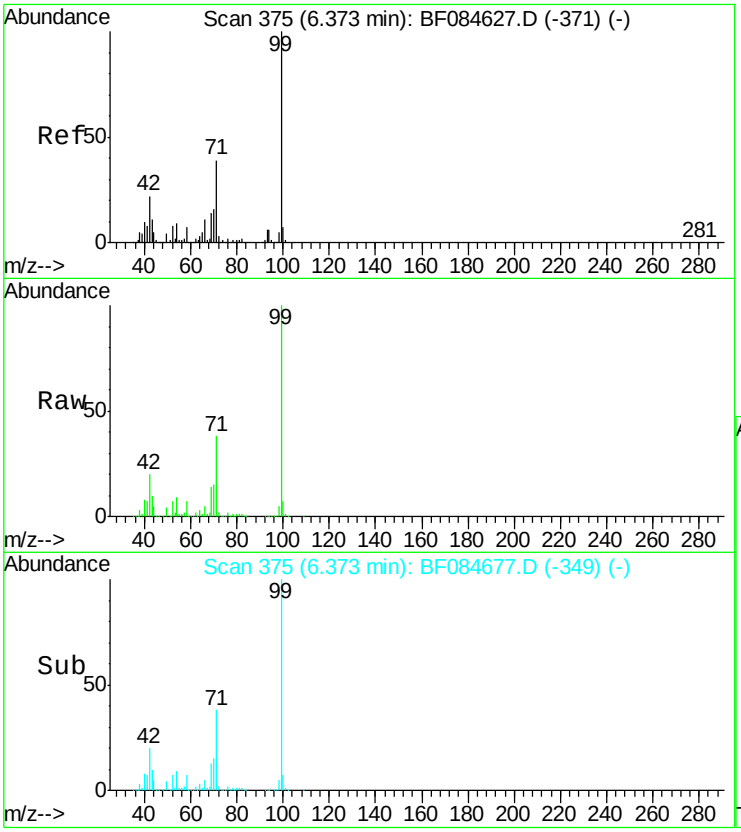


#5
2-Fluorophenol
Concen: 105.72 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:112 Resp: 1215610

Ion	Ratio	Lower	Upper
112	100		
64	66.0	36.6	55.0#
63	34.7	19.4	29.0#



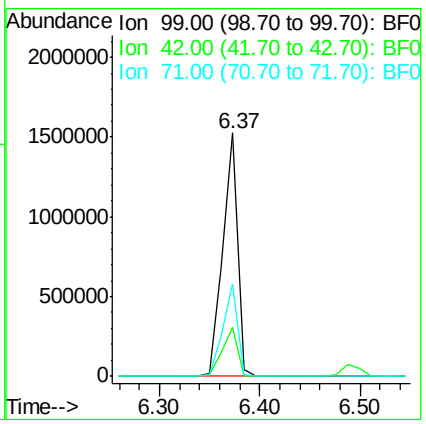


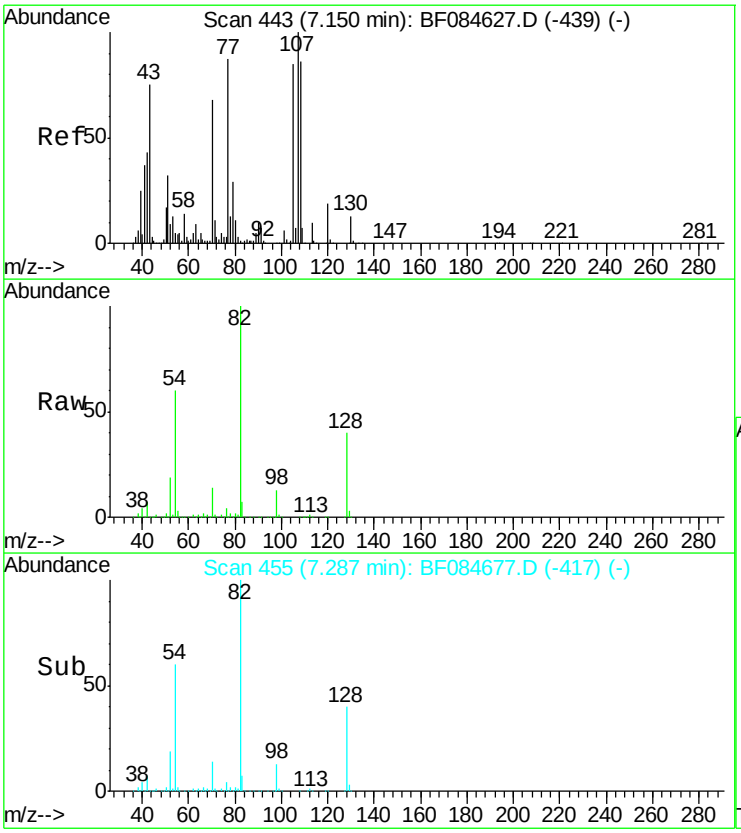
#7
Phenol-d6
Concen: 113.37 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion: 99 Resp: 1562452

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.9	30.9	46.3

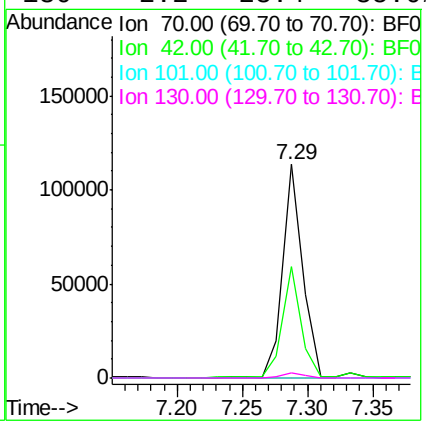


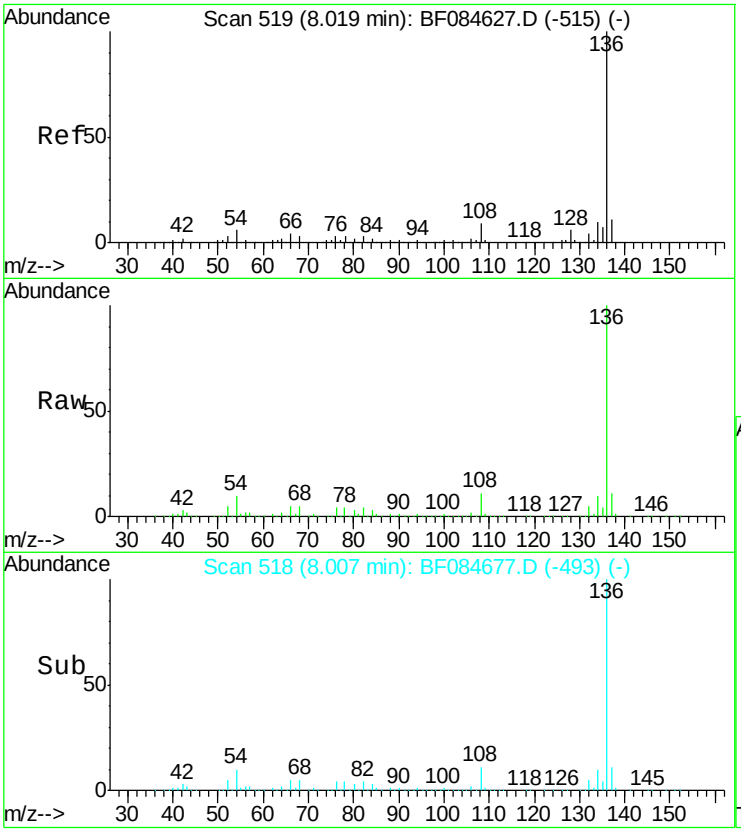


#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion: 70 Resp: 124389

Ion	Ratio	Lower	Upper
70	100		
42	51.9	33.3	49.9#
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



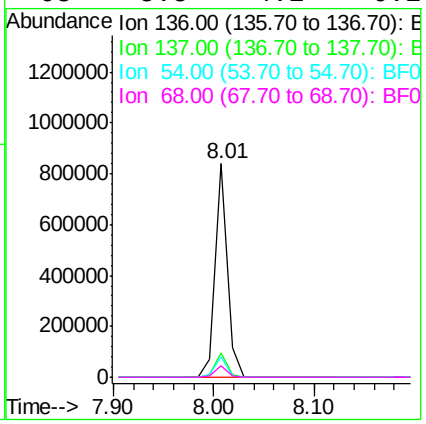


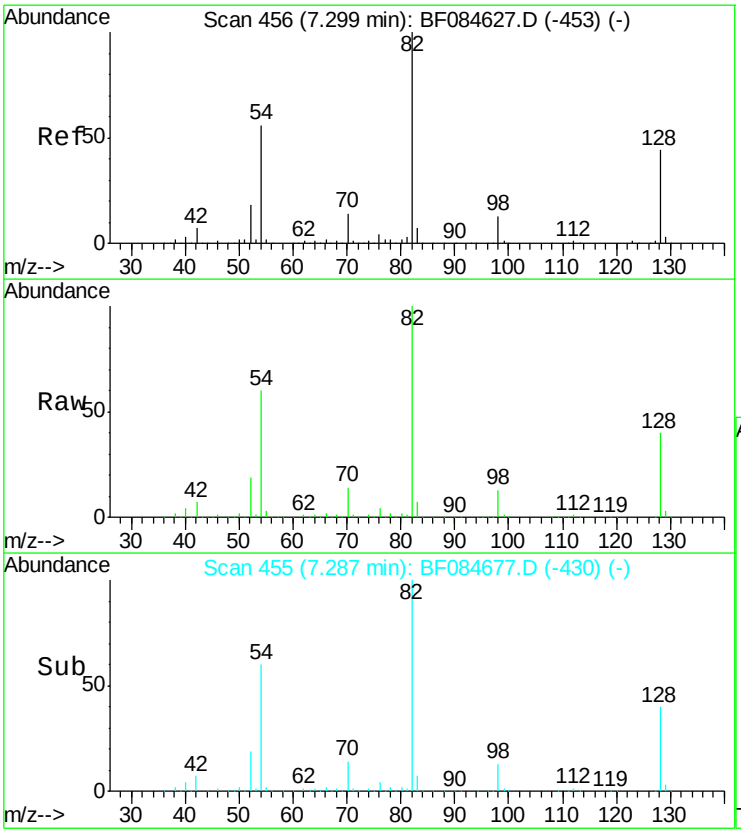
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:136 Resp: 707554

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	5.8	8.8#
68	5.5	4.2	6.2

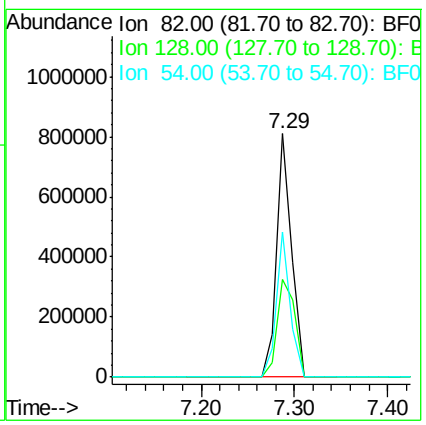


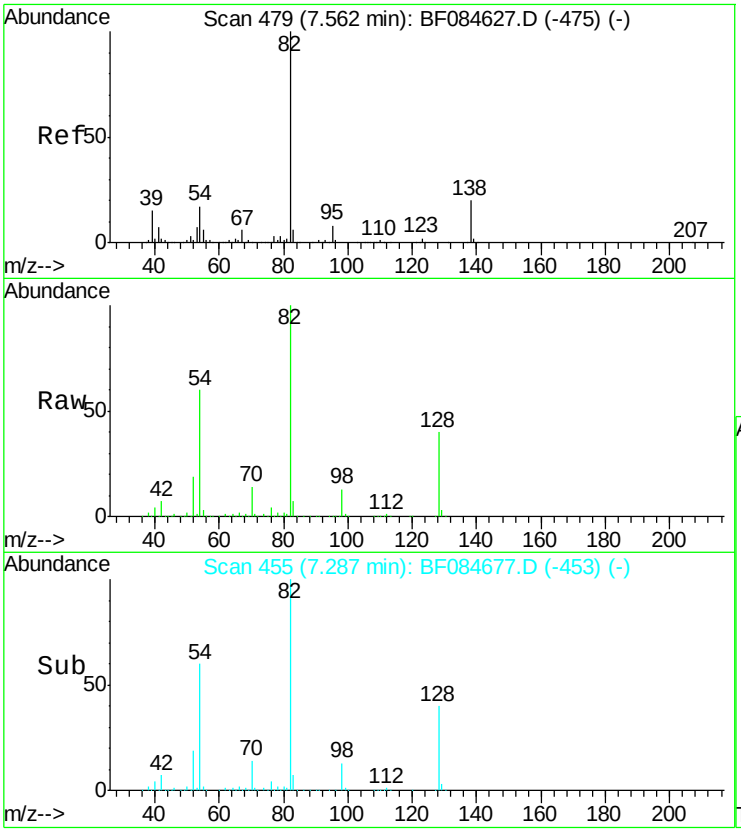


#23
Nitrobenzene-d5
Concen: 72.61 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion: 82 Resp: 919337

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	59.5	38.4	57.6#



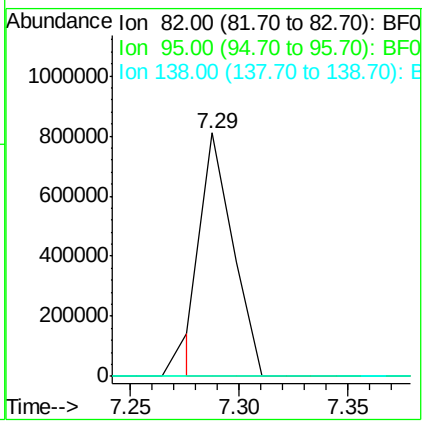


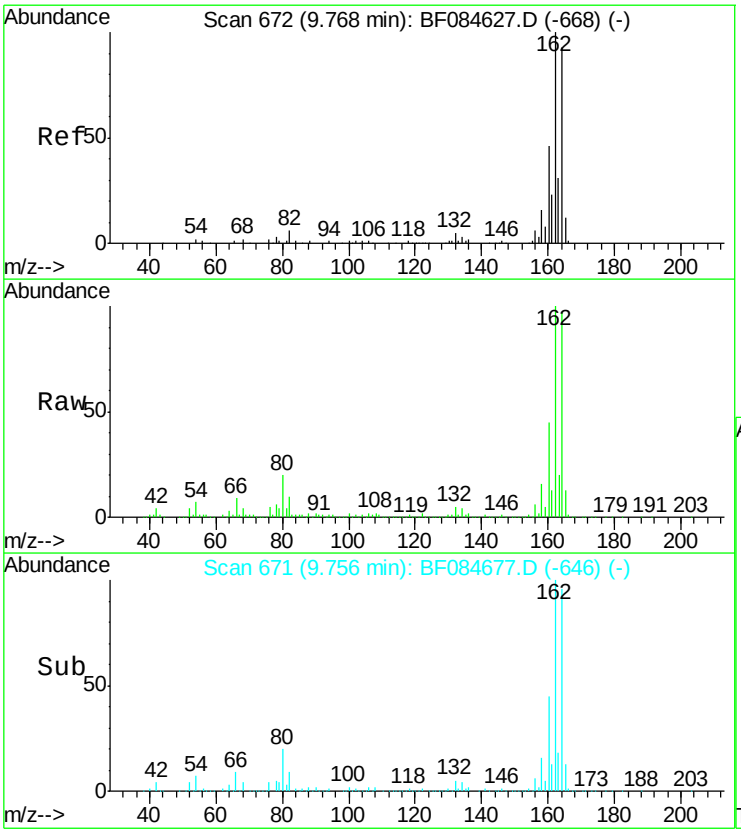
#25
Isophorone
Concen: 34.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion: 82 Resp: 816251

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.6	10.0#
138	0.0	13.6	20.4#

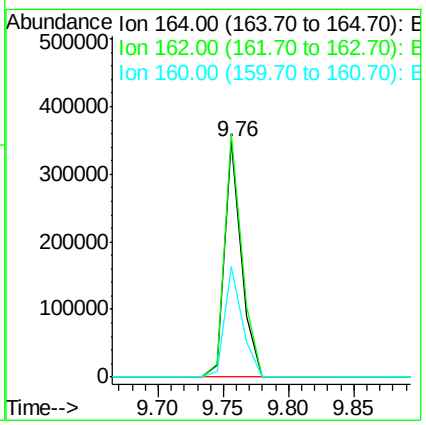


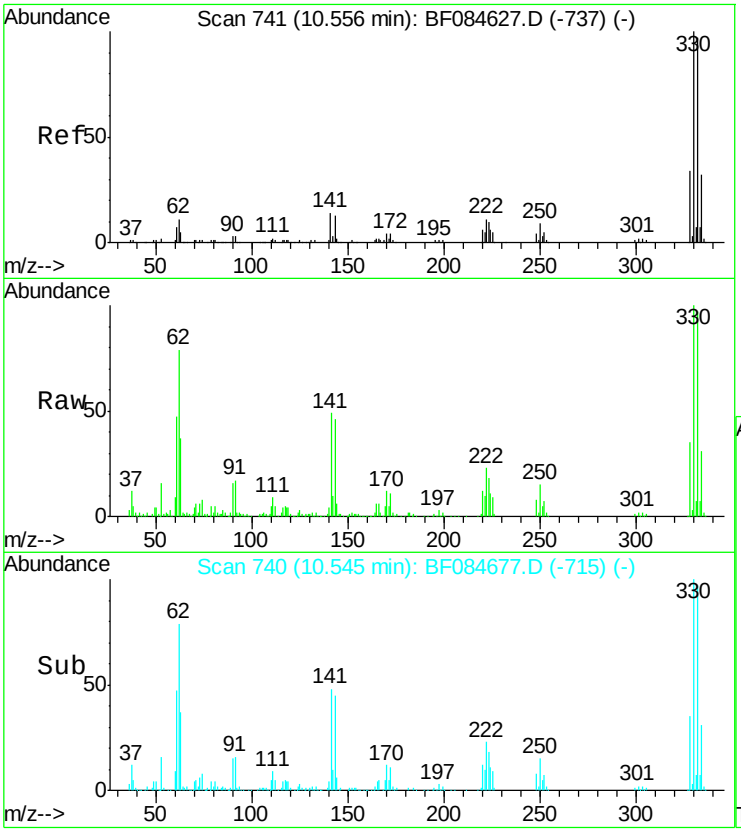


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:164 Resp: 314201

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.7	37.5	56.3



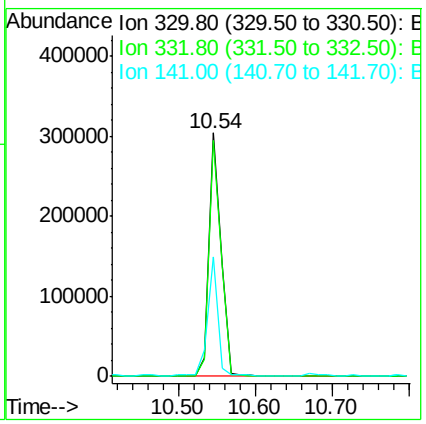


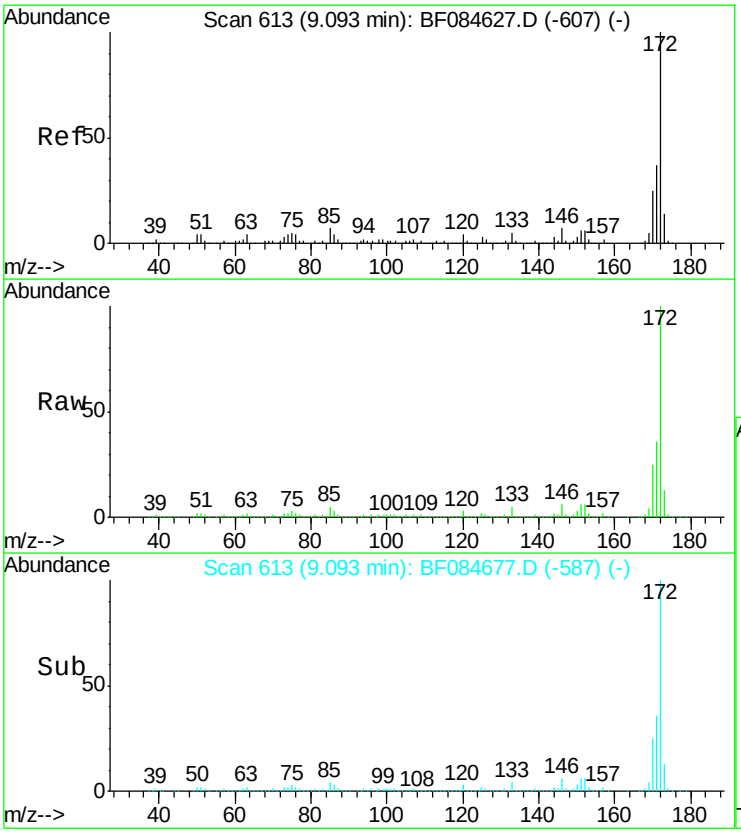
#41
2,4,6-Tribromophenol
Concen: 99.36 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:330 Resp: 327210

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	40.6	27.8	41.6

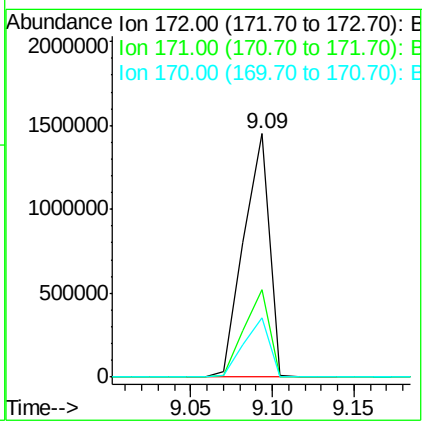


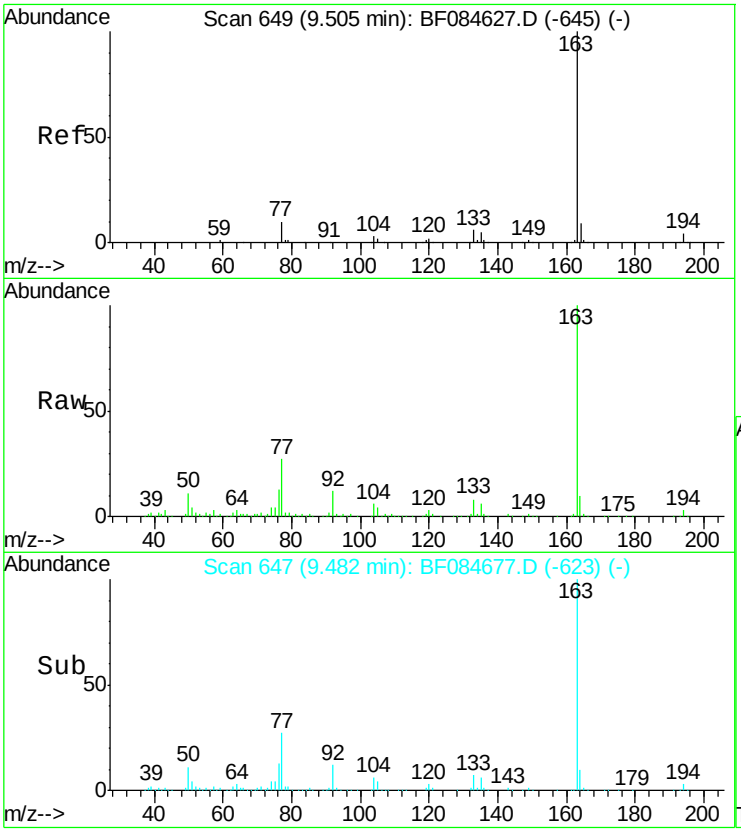


#44
2-Fluorobiphenyl
Concen: 74.62 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:172 Resp: 1577274

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.5	18.6	27.8



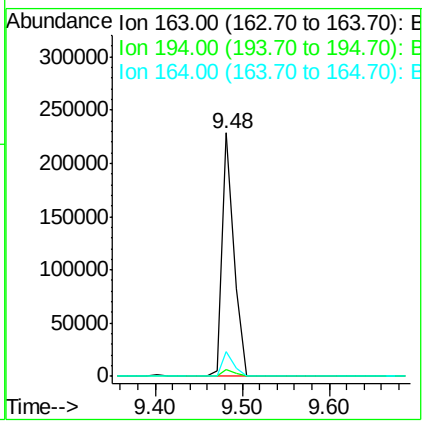


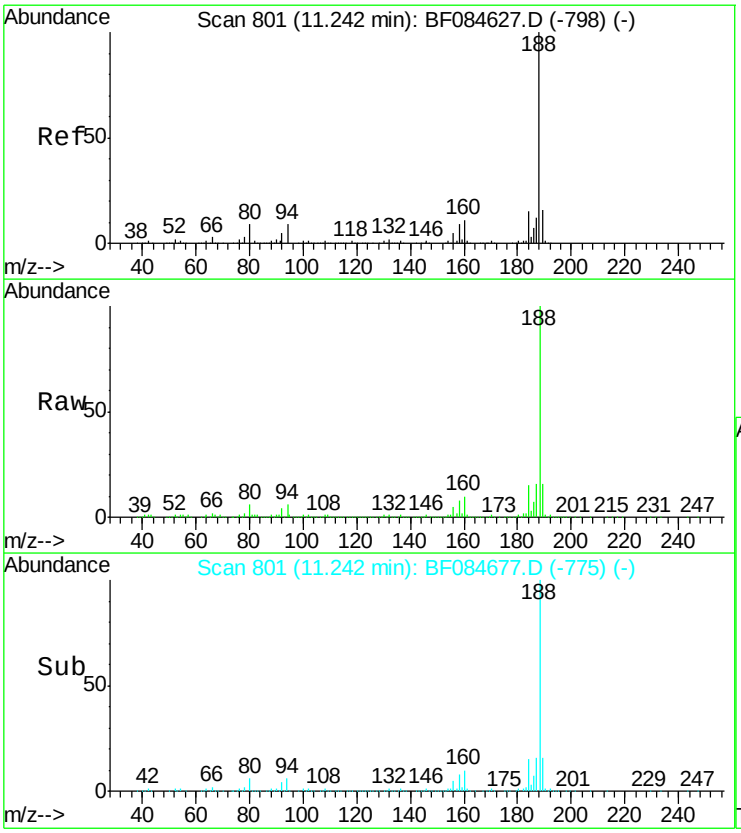
#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:163 Resp: 218599

Ion	Ratio	Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.0	8.0	12.0

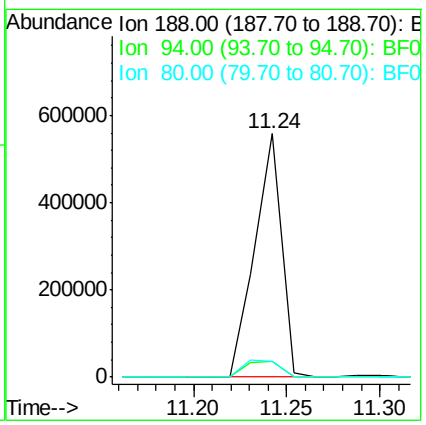


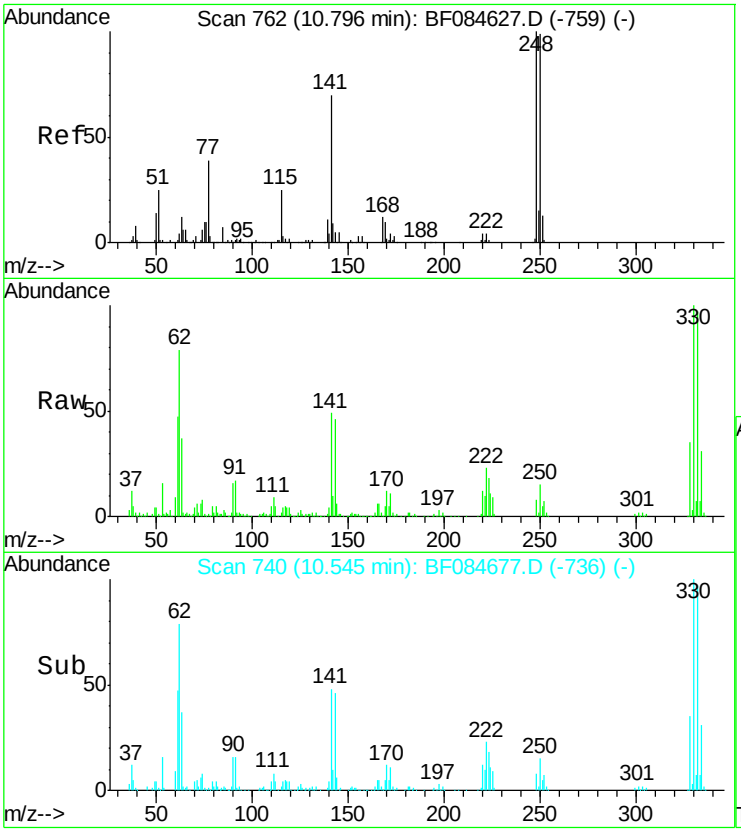


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:188 Resp: 553815

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.2	9.6	14.4#



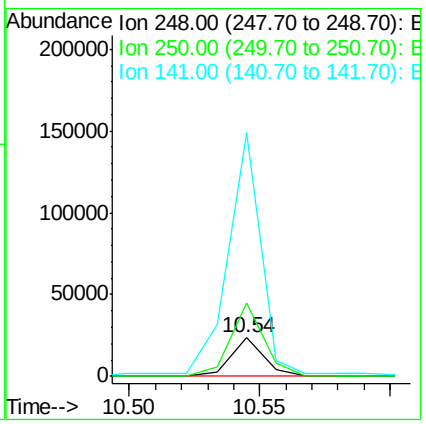


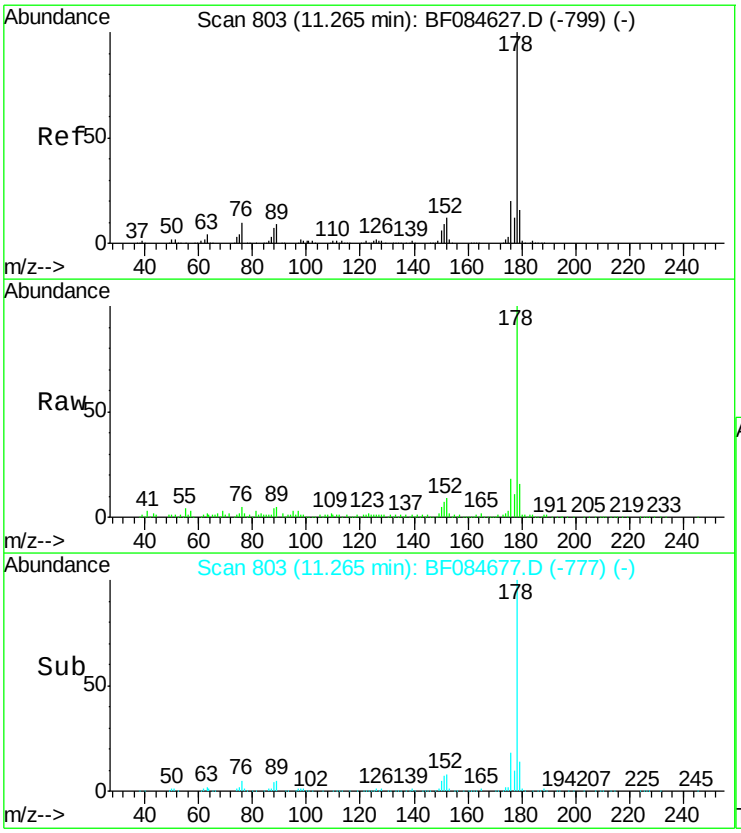
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:248 Resp: 20982

Ion	Ratio	Lower	Upper
248	100		
250	192.2	78.4	117.6#
141	634.9	44.0	66.0#

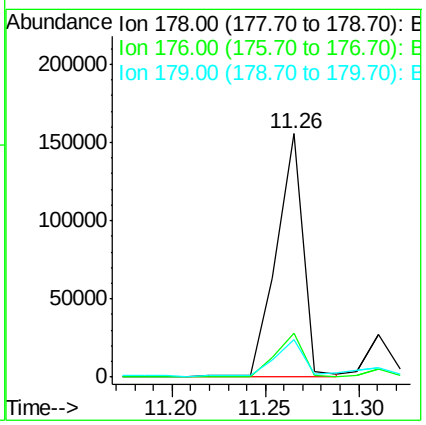


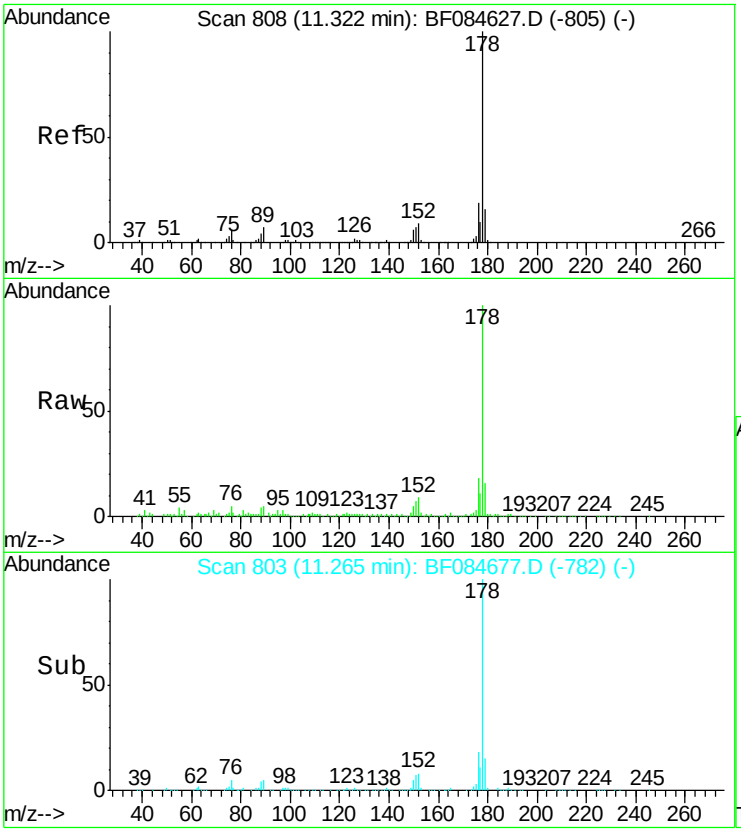


#70
Phenanthrene
Concen: 5.01 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:178 Resp: 153467

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.6	12.0	18.0



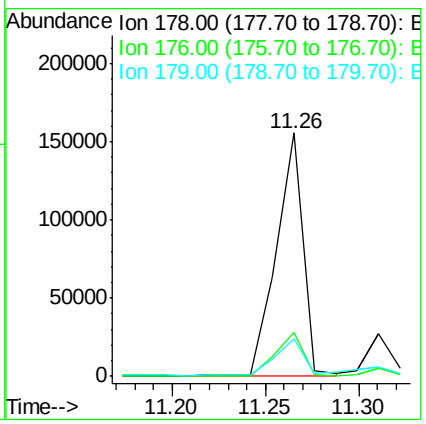


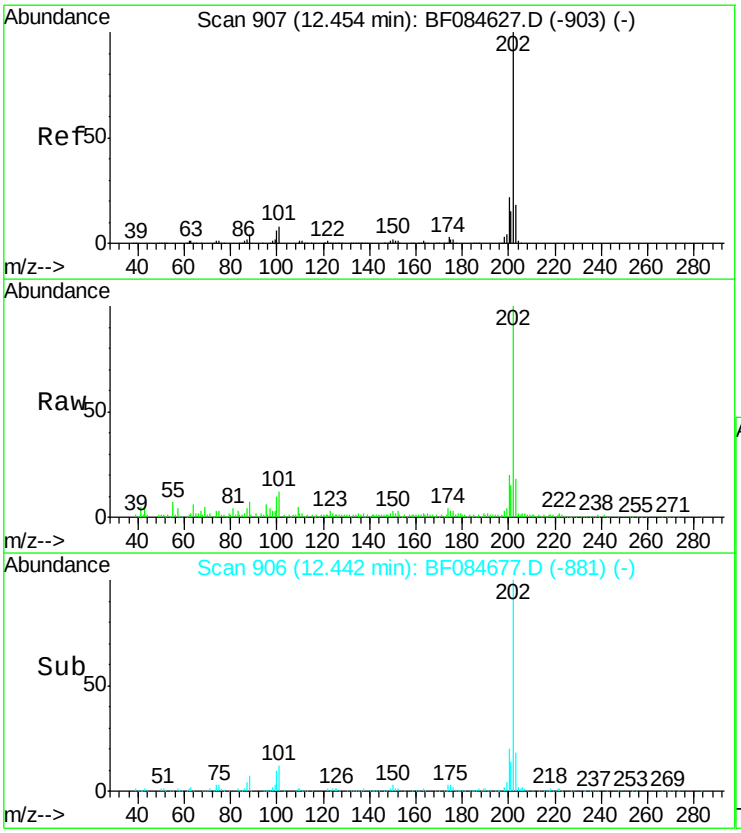
#71
Anthracene
Concen: 4.93 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:178 Resp: 153467

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.6	12.5	18.7

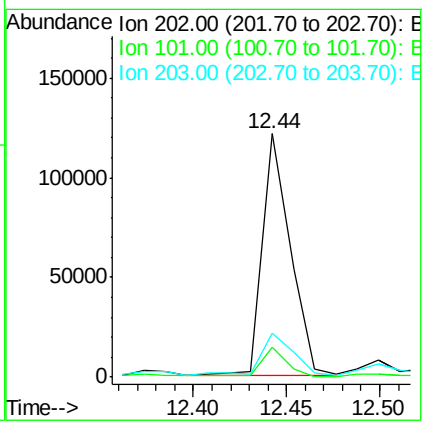


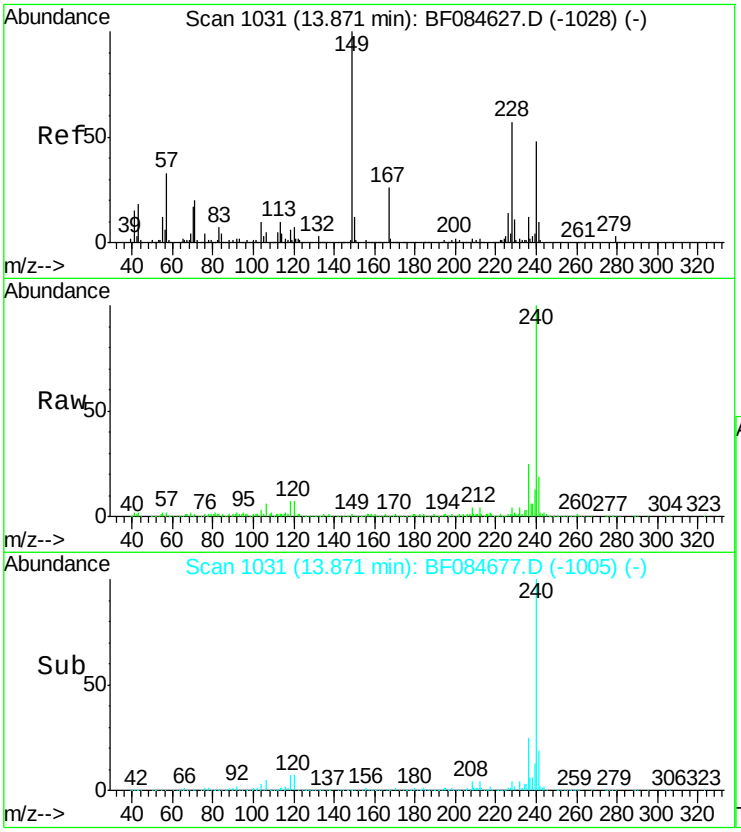


#74
Fluoranthene
Concen: 4.15 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:202 Resp: 125666

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.8
203	18.2	0.0	37.9



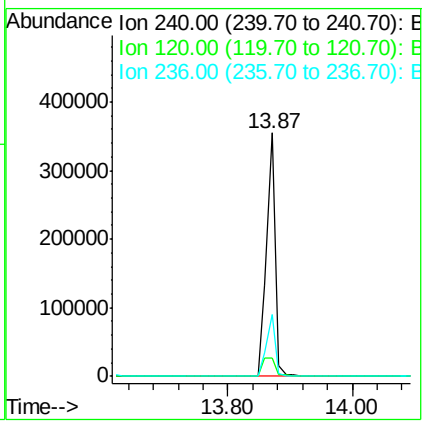


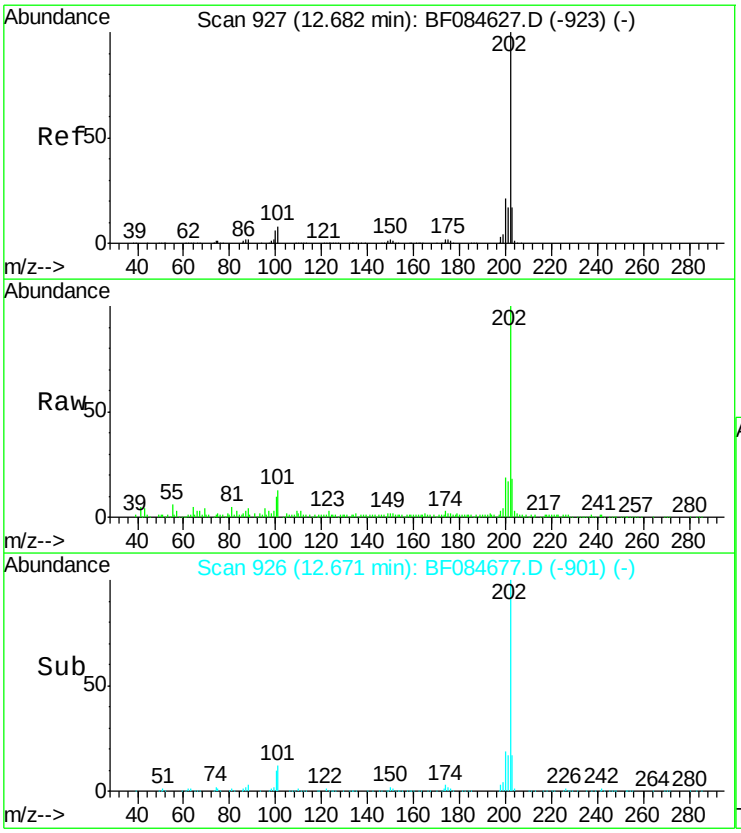
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:240 Resp: 355627

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	25.5	20.6	31.0

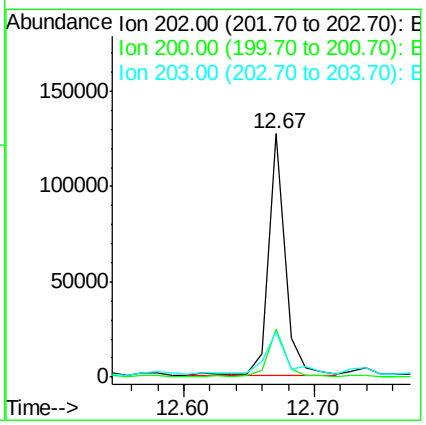


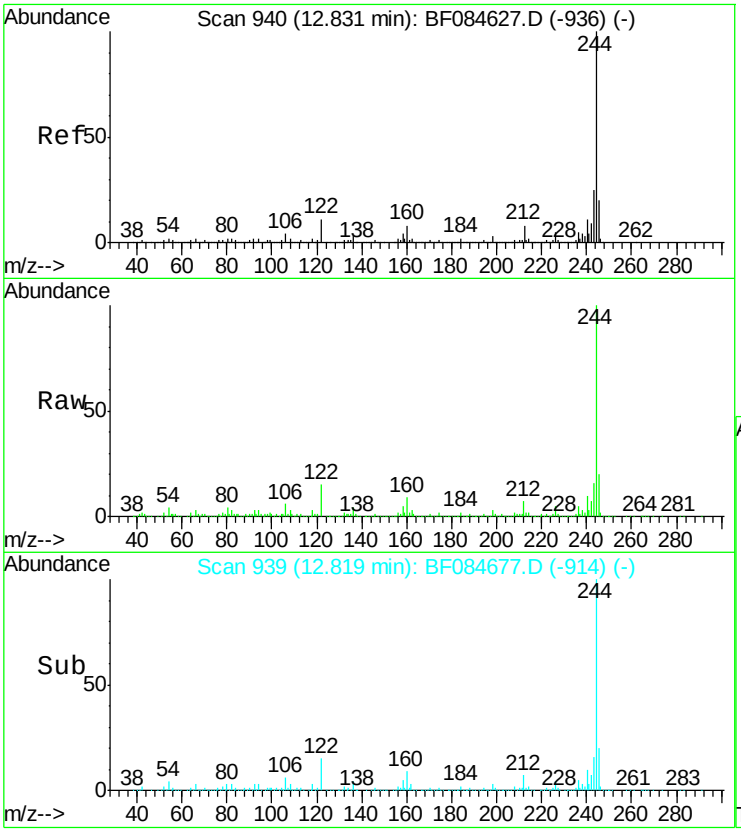


#77
Pyrene
Concen: 4.27 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:202 Resp: 114518

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.2	25.8
203	18.4	14.3	21.5



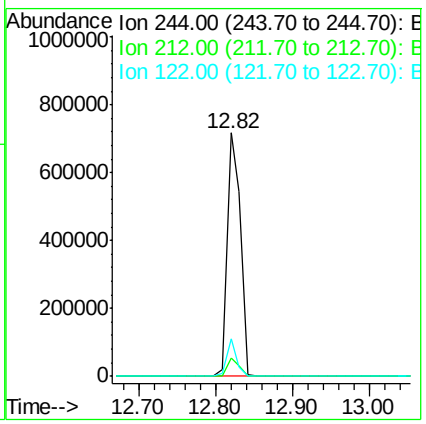


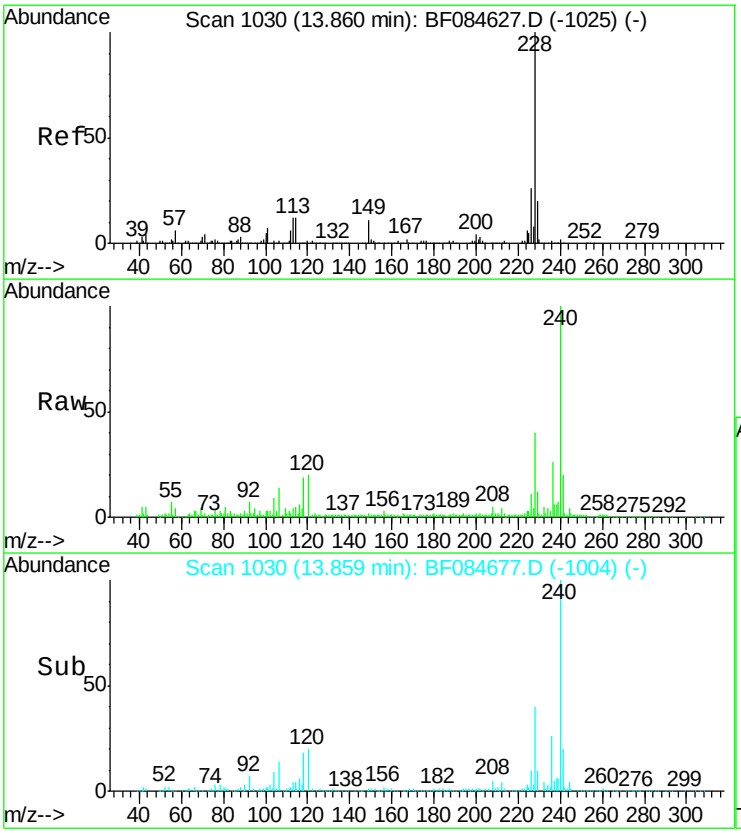
#78
Terphenyl-d14
Concen: 56.40 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:244 Resp: 888012

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	15.3	7.4	11.0#

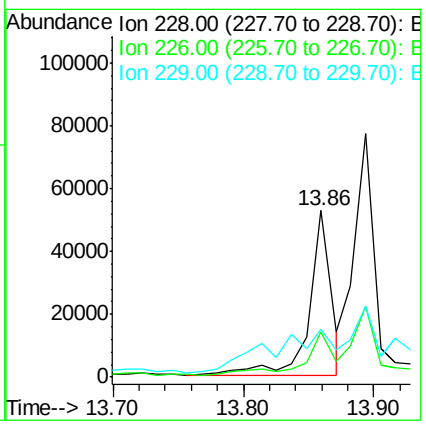


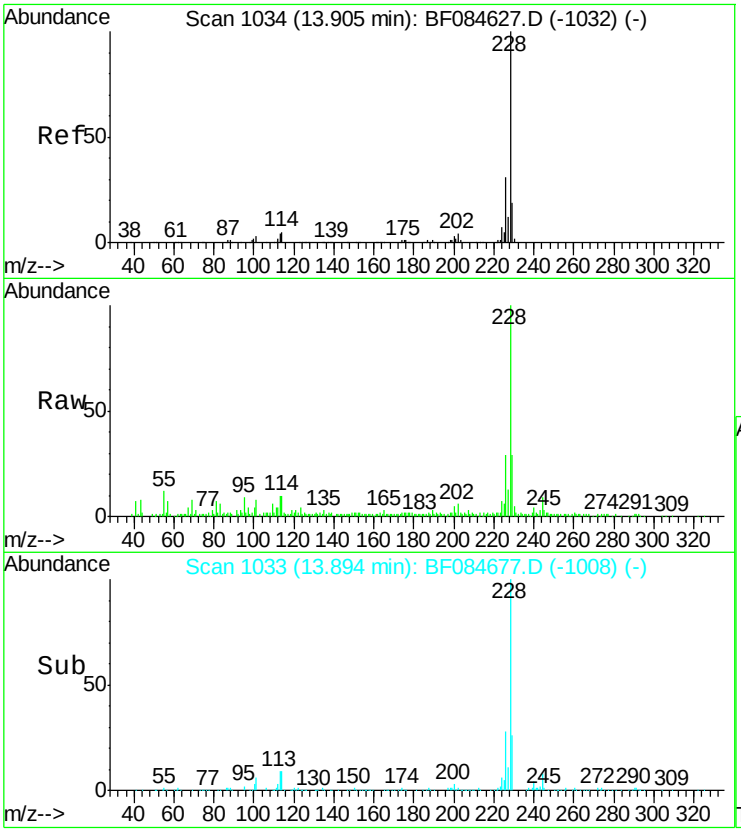


#80
Benzo(a)anthracene
Concen: 2.81 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:228 Resp: 62352

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	28.7	15.8	23.8#



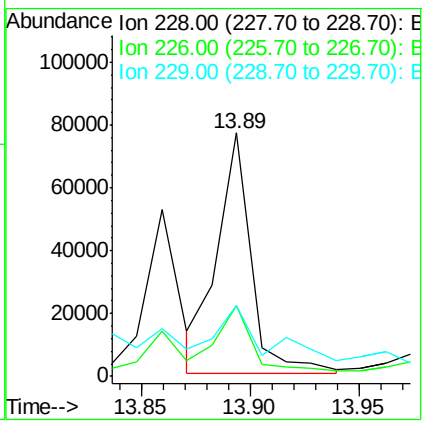


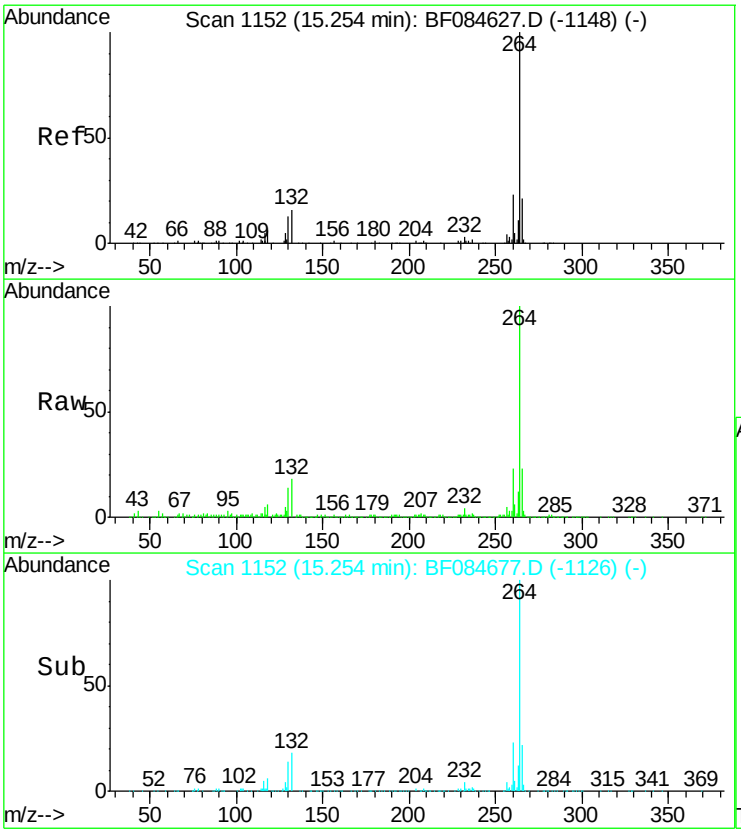
#82
Chrysene
Concen: 3.81 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:228 Resp: 83209

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	29.3	16.1	24.1#

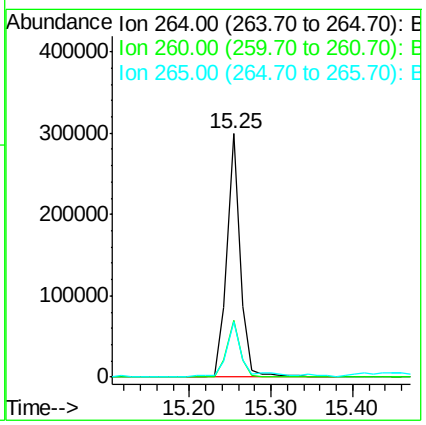


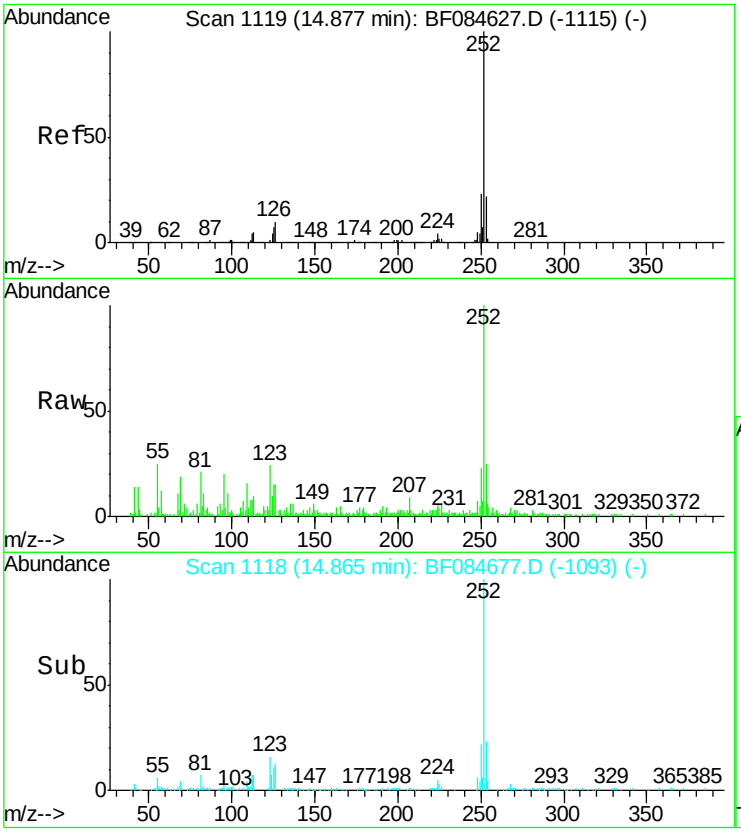


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:264 Resp: 338879

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.5	17.8	26.6



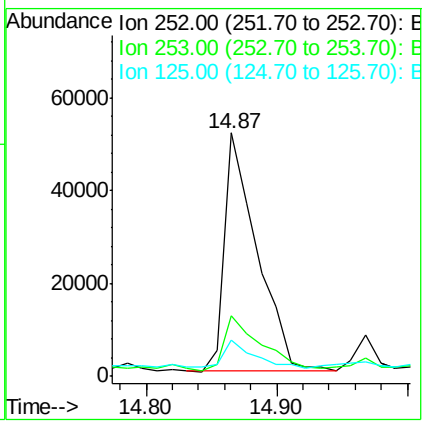


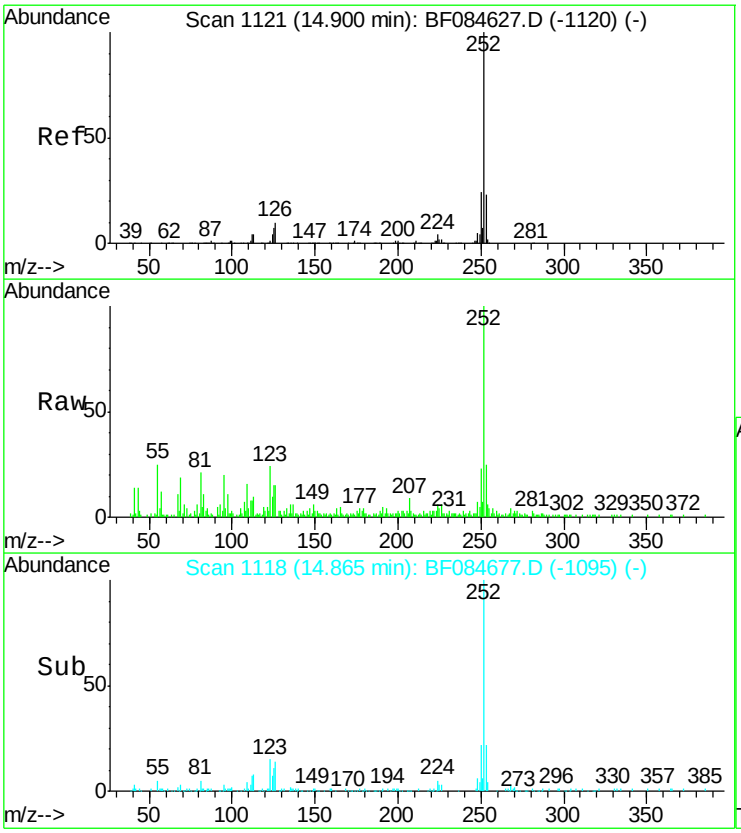
#87
Benzo(b)fluoranthene
Concen: 4.02 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:252 Resp: 88318

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	14.9	6.5	9.7#

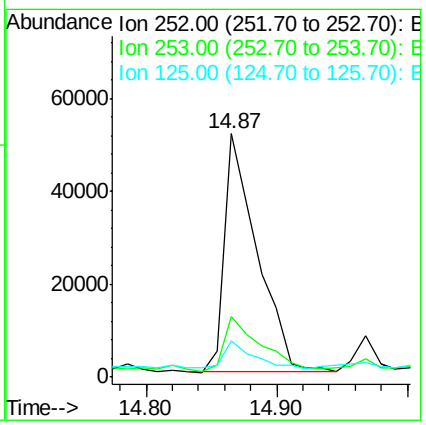


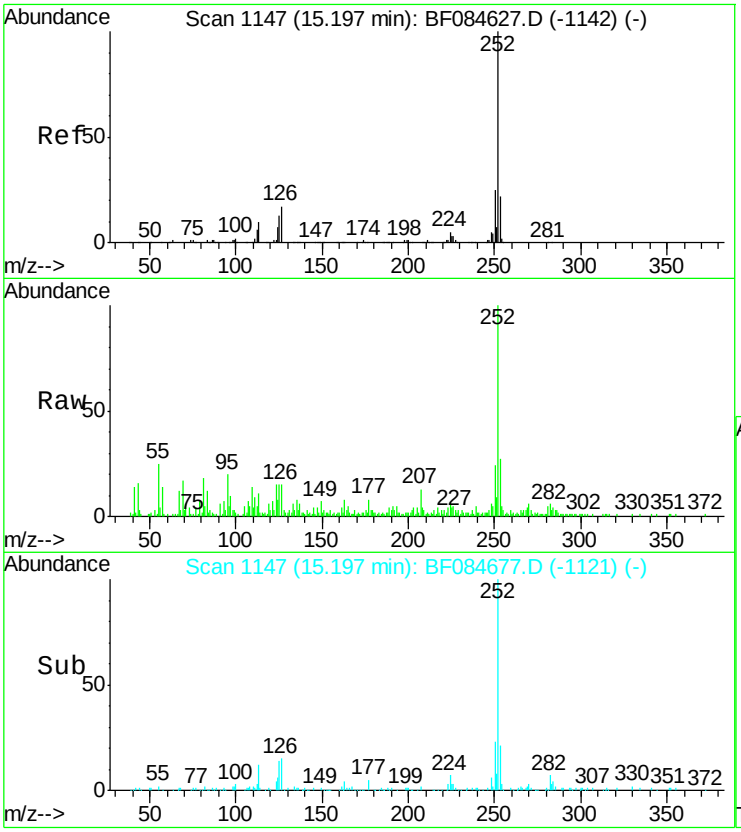


#88
Benzo(k)fluoranthene
Concen: 4.87 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:252 Resp: 88318

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	14.9	9.0	13.6#



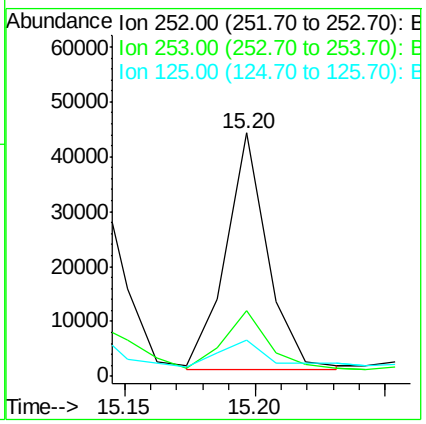


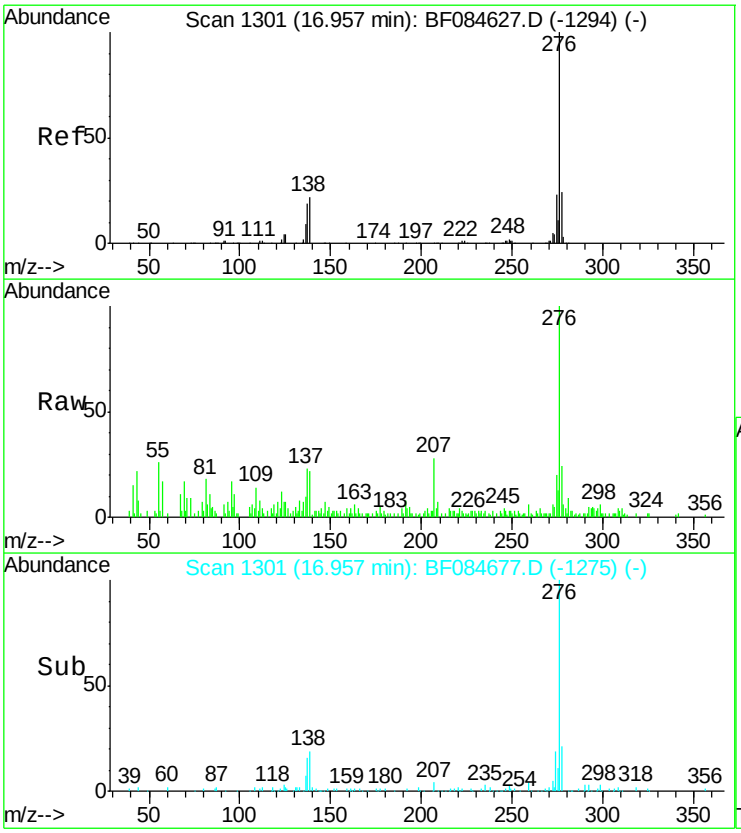
#89
Benzo(a)pyrene
Concen: 2.54 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tgt Ion:252 Resp: 48250

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	14.9	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.57 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion:276 Resp: 44434

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.3	17.8	26.6