Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084681.D
Acq On : 30 Jan 2016 12:59
Operator : SJ/IZ
Sample : H1272-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(10-12.5)

Quant Time: Feb 01 00:26:29 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	166257	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	628226	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	248191	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	408777	20.00	ng		0.00
75) Chrysene-d12	13.87	240	330573	20.00	ng		0.00
86) Perylene-d12	15.27	264	361856	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	830962	75.45	ng		0.01
7) Phenol-d6	6.37	99	1173001	88.86	ng		0.00
23) Nitrobenzene-d5	7.29	82	688255	61.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	113899	43.79	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1273811	76.29	ng		0.00
78) Terphenyl-d14	12.83	244	809856	55.33	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	92994	11.53	ng	#	67
25) Isophorone	7.29	82	639150	30.35	ng	#	66
49) Dimethylphthalate	9.48	163	108439	5.82	ng	#	90
54) Dibenzofuran	9.96	168	40813	2.03	ng	#	89
70) Phenanthrene	11.26	178	773258	34.21	ng		98
71) Anthracene	11.26	178	773258	33.65	ng		98
74) Fluoranthene	12.45	202	383861	17.18	ng		93
77) Pyrene	12.67	202	356334	14.29	ng		98
80) Benzo(a)anthracene	13.86	228	146761	7.12	ng		97
82) Chrysene	13.89	228	109744	5.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.87	149	32472	2.35	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.57	276	72613	4.04	ng		98
87) Benzo(b)fluoranthene	14.88	252	188137	8.03	ng	#	93
88) Benzo(k)fluoranthene	14.88	252	188137	9.72	ng	#	94
89) Benzo(a)pyrene	15.20	252	106618	5.26	ng	#	87
91) Benzo(g,h,i)perylene	16.96	276	76920	4.17	ng		99

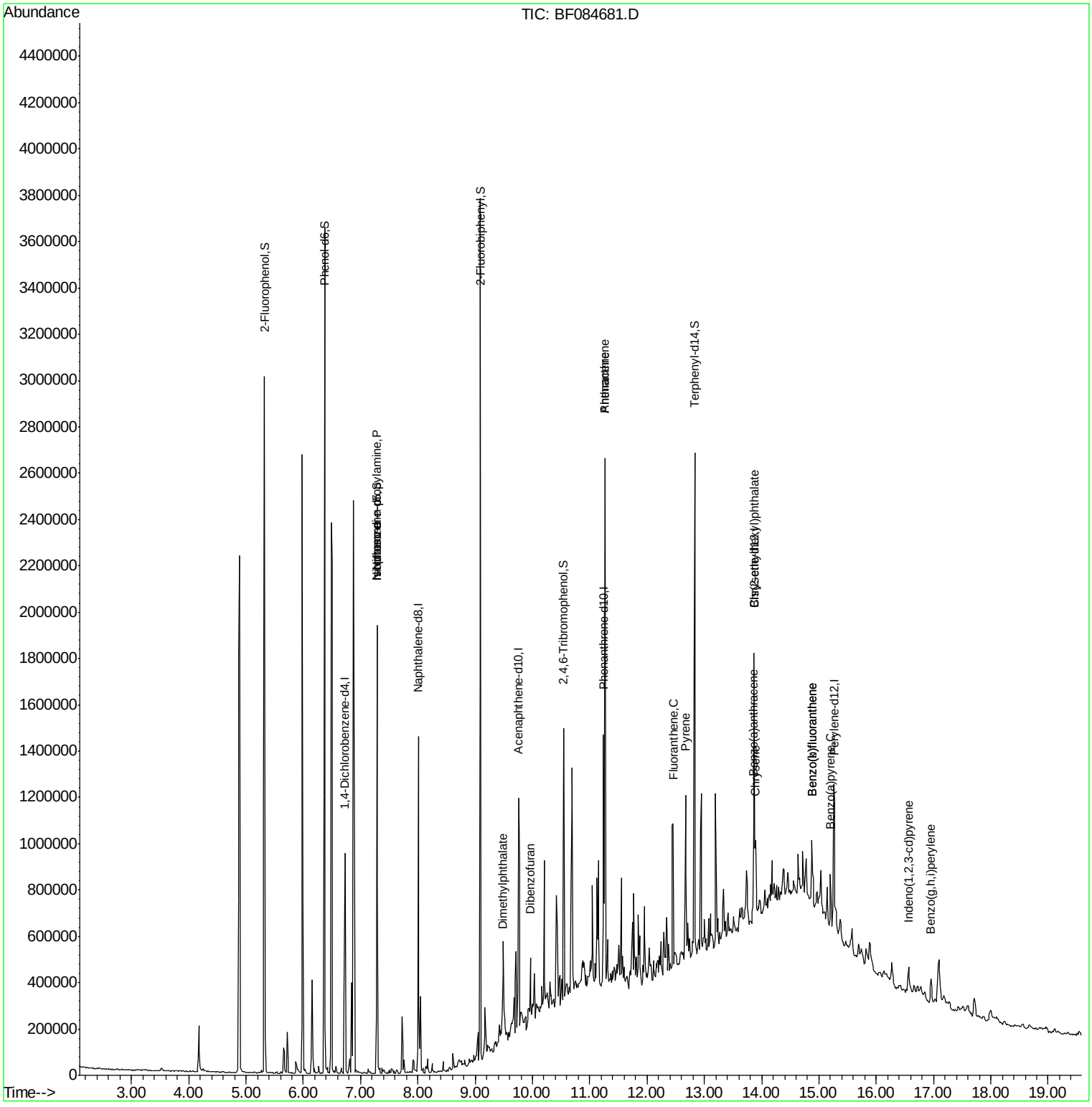
(#) = qualifier out of range (m) = manual integration (+) = signals summed

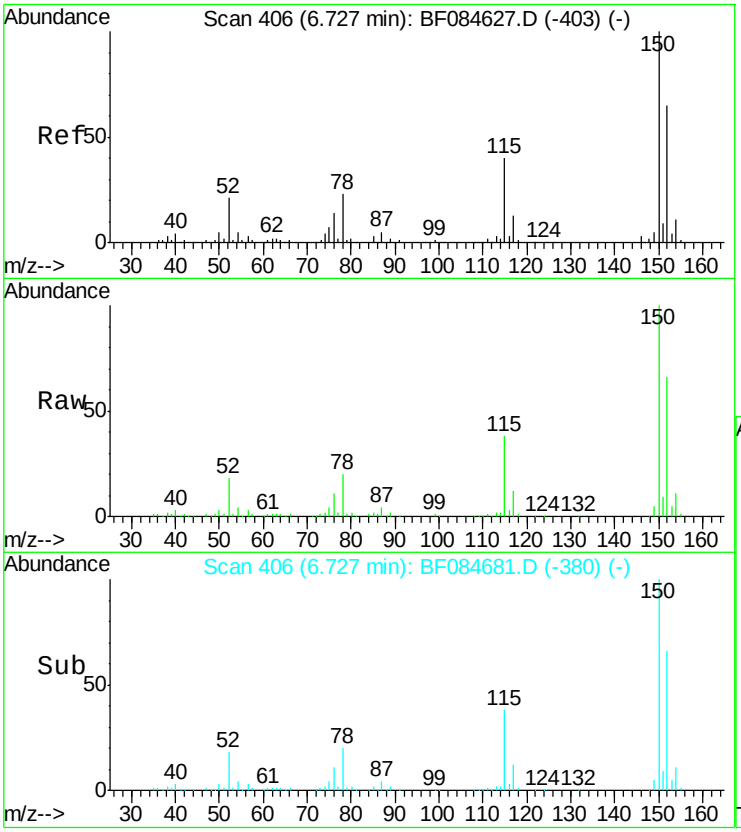
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084681.D
Acq On : 30 Jan 2016 12:59
Operator : SJ/IZ
Sample : H1272-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Quant Time: Feb 01 00:26:29 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



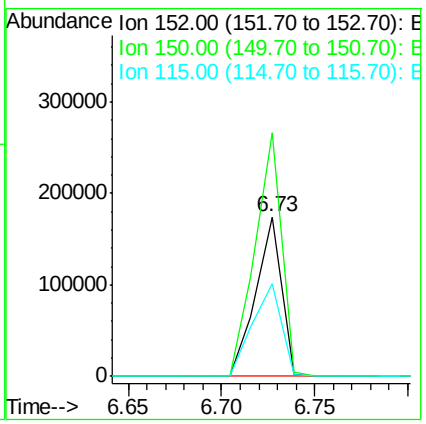


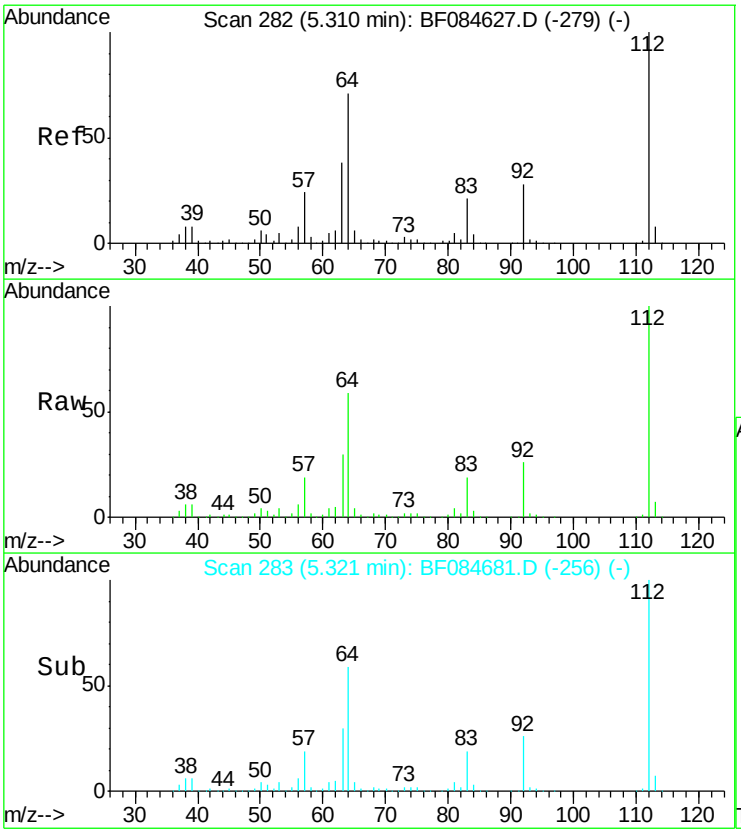
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:152 Resp: 166257

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.0	184.4
115	58.0	51.4	77.2

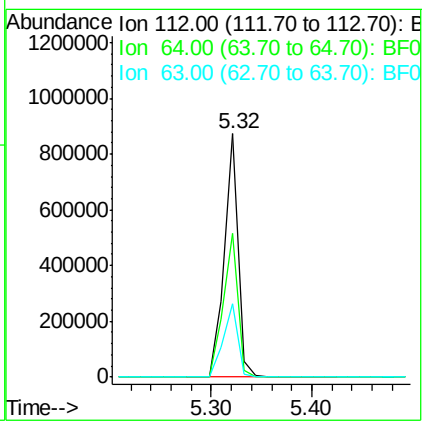


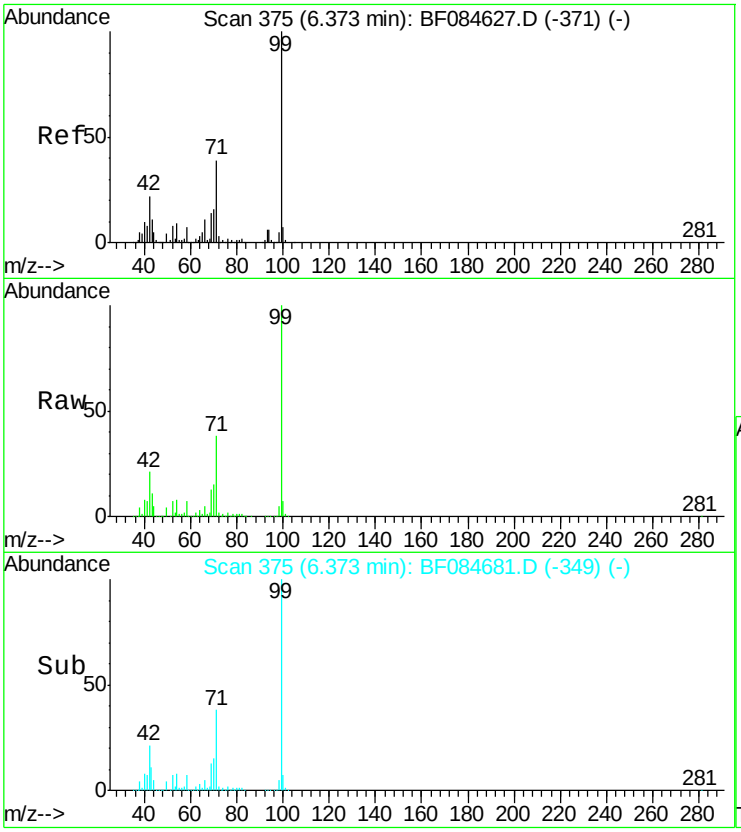


#5
2-Fluorophenol
Concen: 75.45 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:112 Resp: 830962

Ion	Ratio	Lower	Upper
112	100		
64	58.9	36.6	55.0#
63	30.1	19.4	29.0#



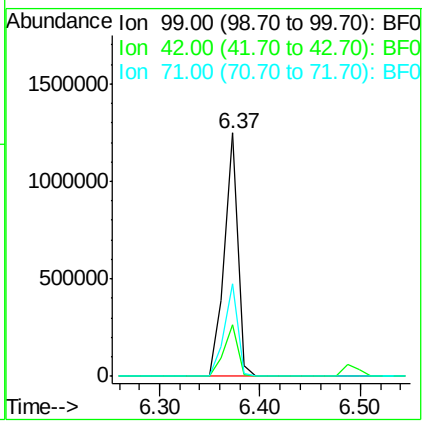


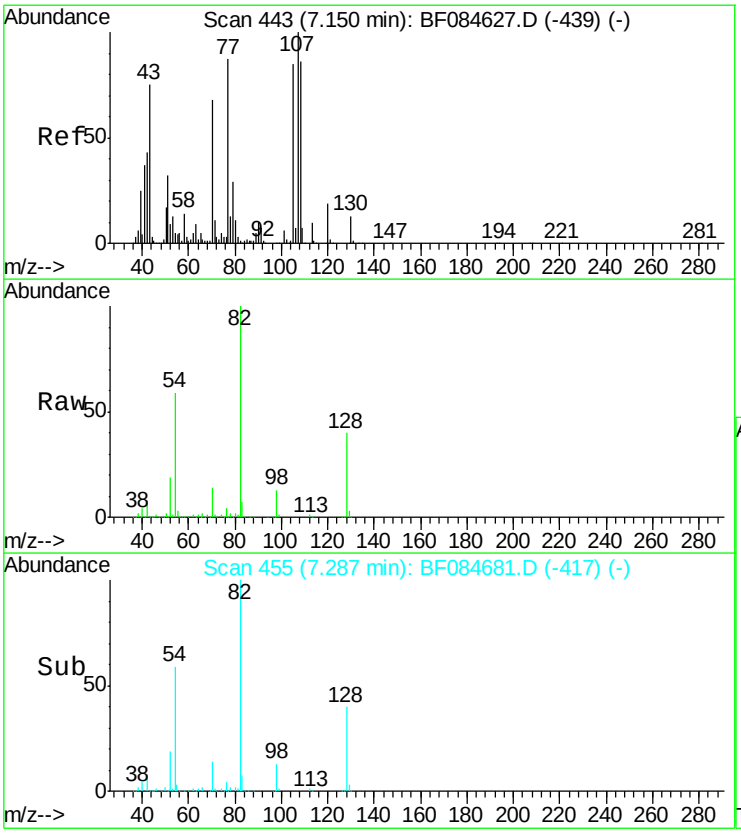
#7
Phenol-d6
Concen: 88.86 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion: 99 Resp: 1173001

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	37.8	30.9	46.3

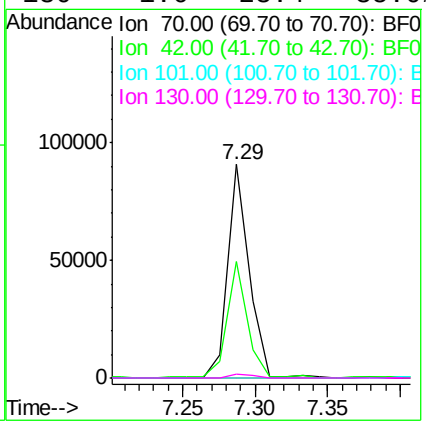


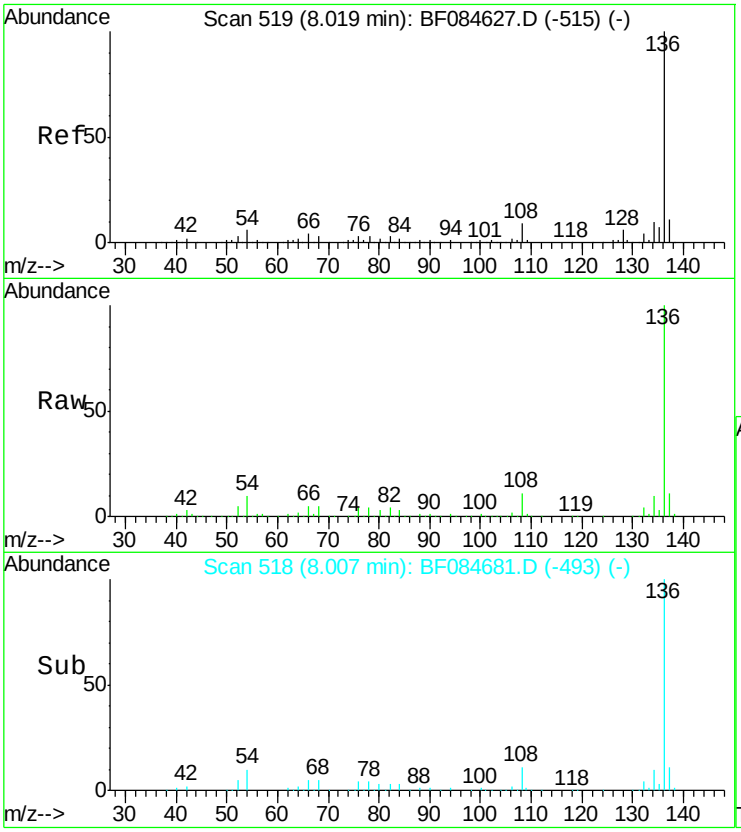


#19
n-Nitroso-di-n-propylamine
Concen: 11.53 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion: 70 Resp: 92994

Ion	Ratio	Lower	Upper
70	100		
42	54.5	33.3	49.9#
101	0.0	9.3	13.9#
130	1.6	23.4	35.0#



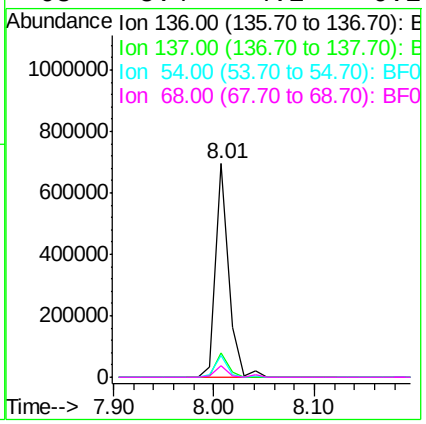


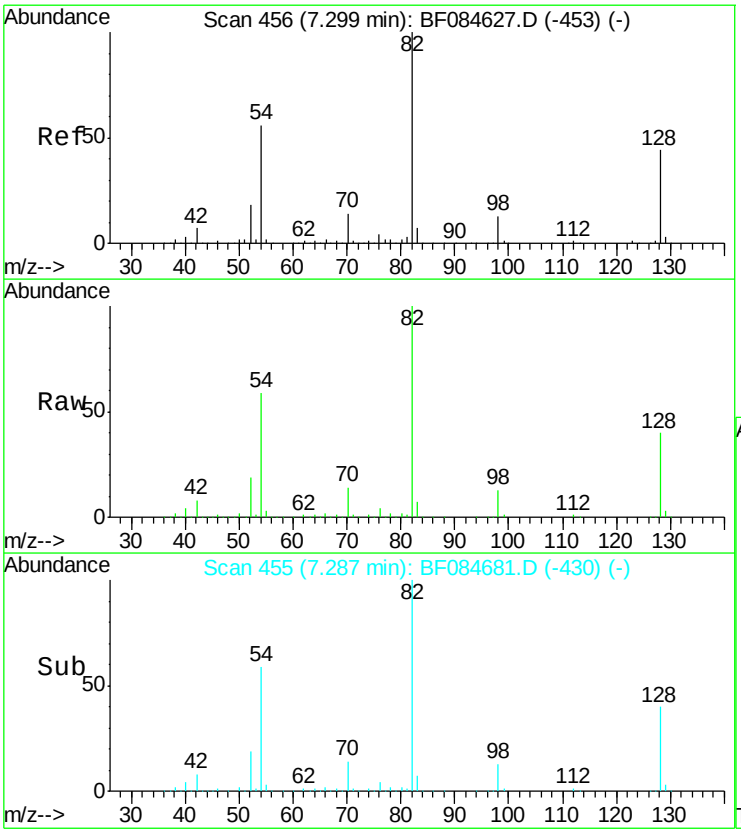
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:136 Resp: 628226

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	5.8	8.8#
68	5.4	4.2	6.2

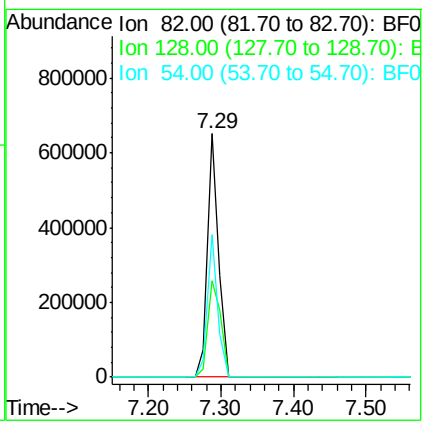


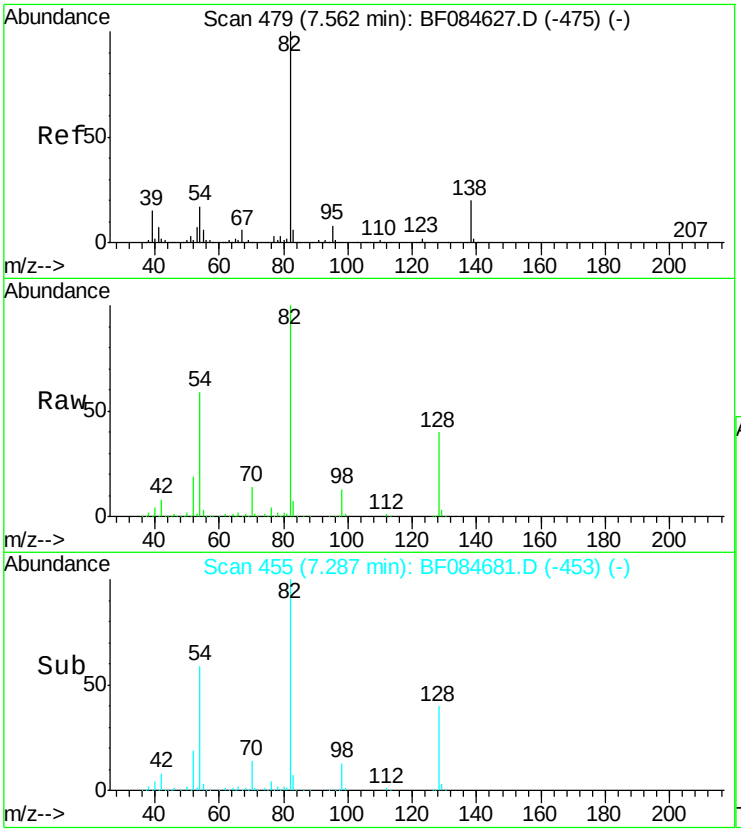


#23
Nitrobenzene-d5
Concen: 61.23 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion: 82 Resp: 688255

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	51.8
54	58.7	38.4	57.6#



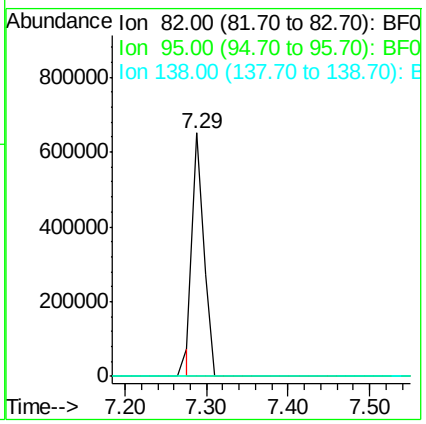


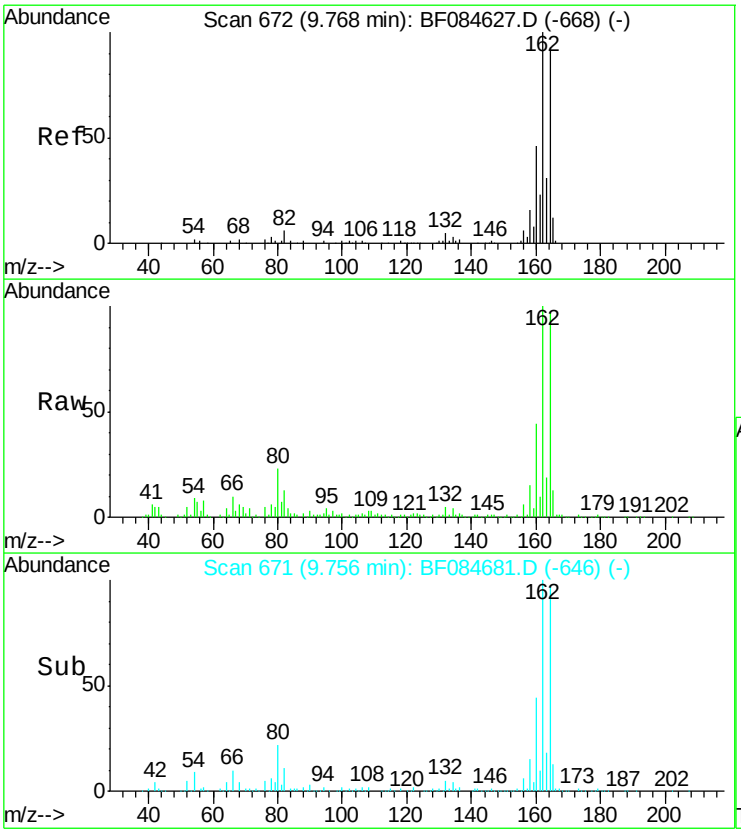
#25
Isophorone
Concen: 30.35 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion: 82 Resp: 639150

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

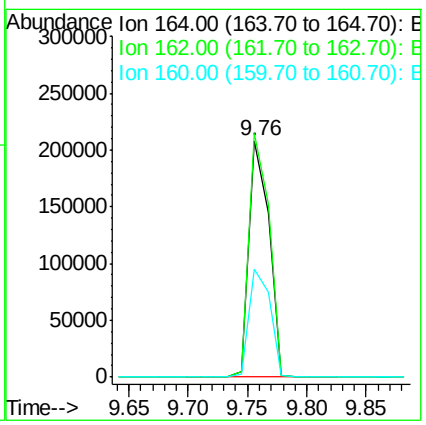


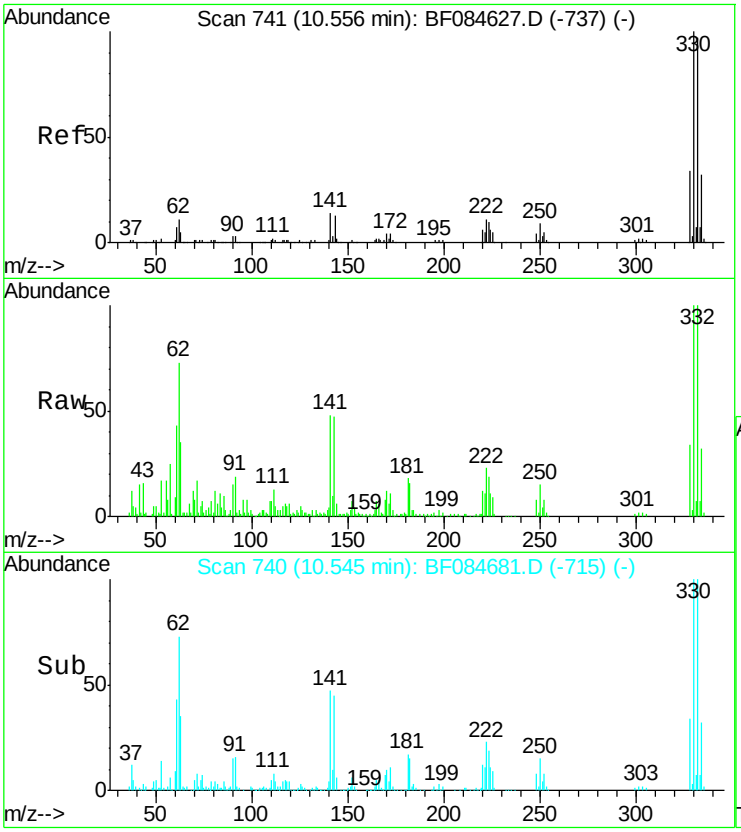


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:164 Resp: 248191

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	45.7	37.5	56.3



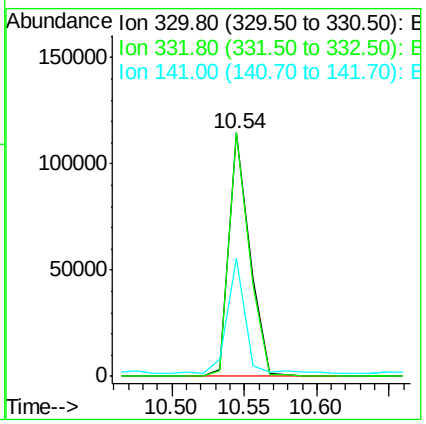


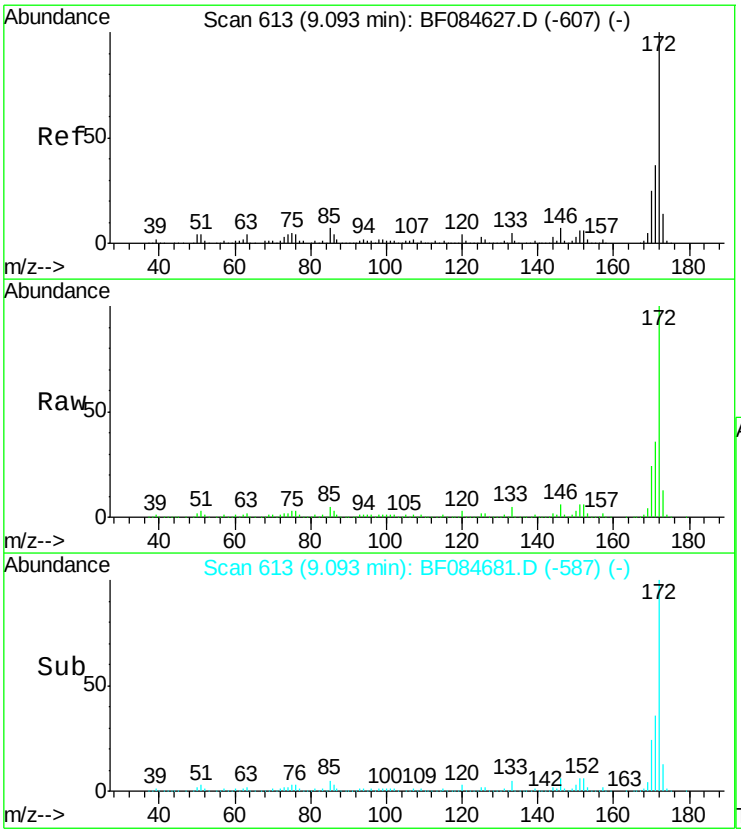
#41
2,4,6-Tribromophenol
Concen: 43.79 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:330 Resp: 113899

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	41.6	27.8	41.6

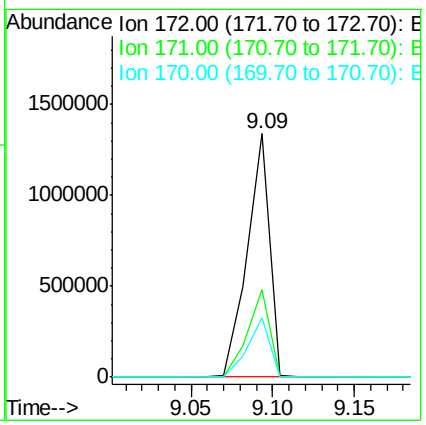


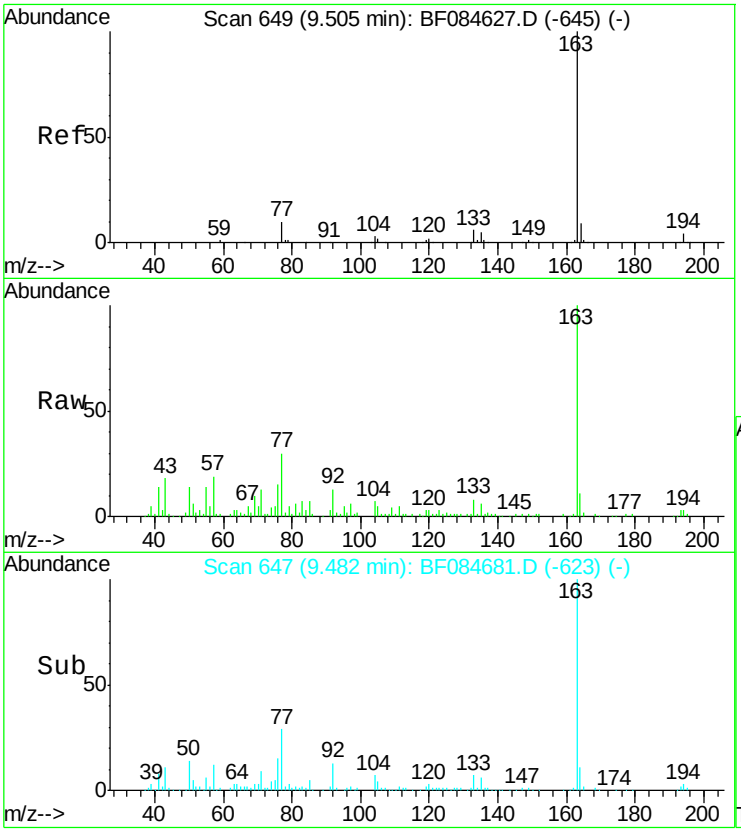


#44
2-Fluorobiphenyl
Concen: 76.29 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:172 Resp: 1273811

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.3	18.6	27.8



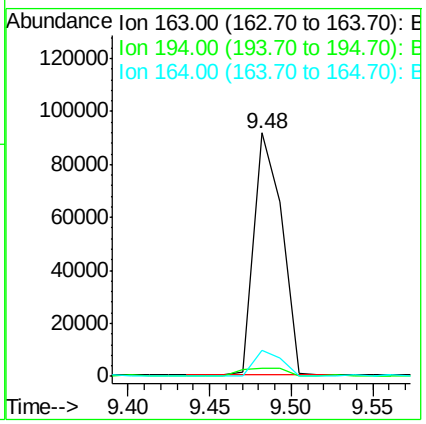


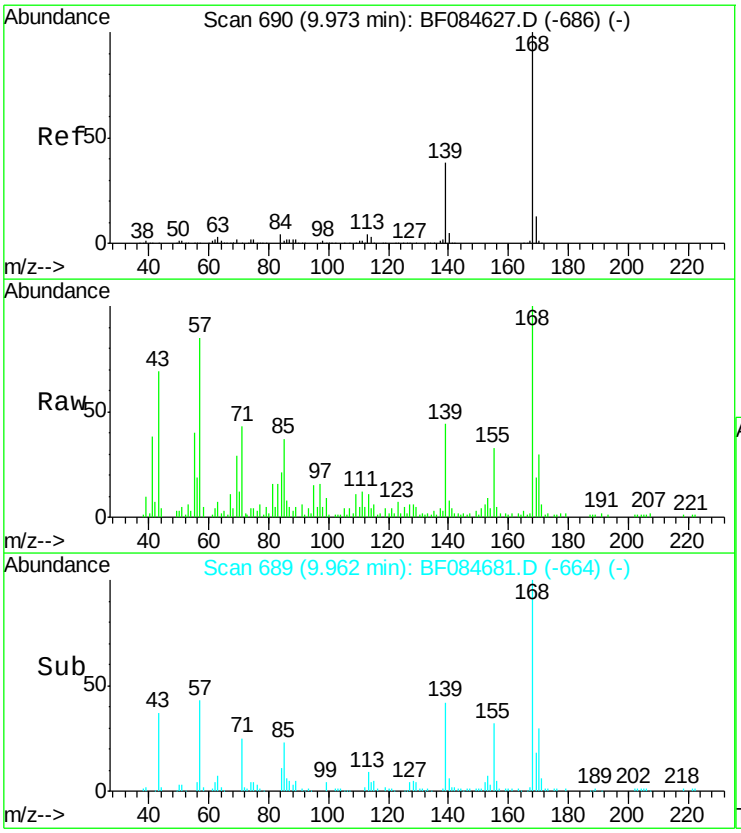
#49
Dimethylphthalate
Concen: 5.82 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:163 Resp: 108439

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.8	8.0	12.0

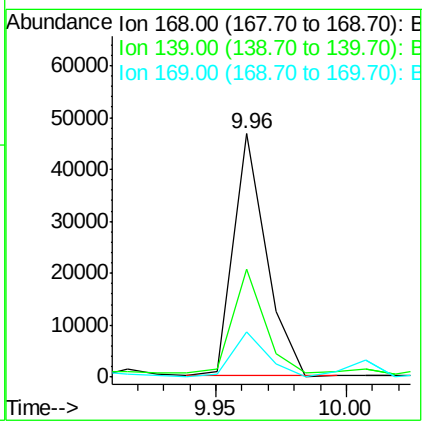


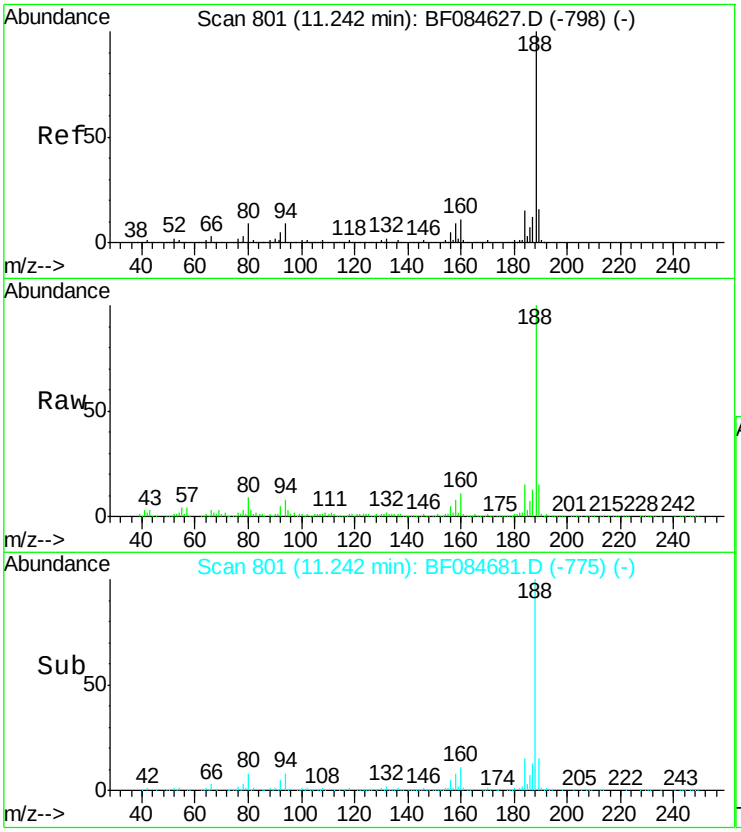


#54
Dibenzofuran
Concen: 2.03 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:168 Resp: 40813

Ion	Ratio	Lower	Upper
168	100		
139	44.1	30.5	45.7
169	18.8	10.4	15.6#



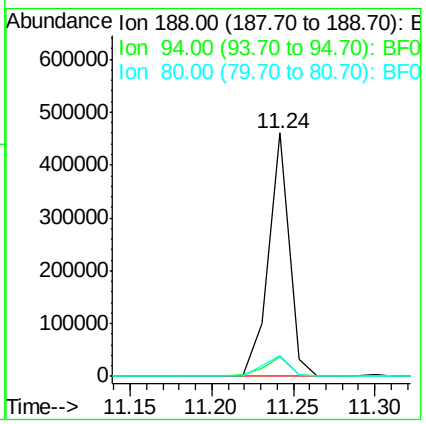


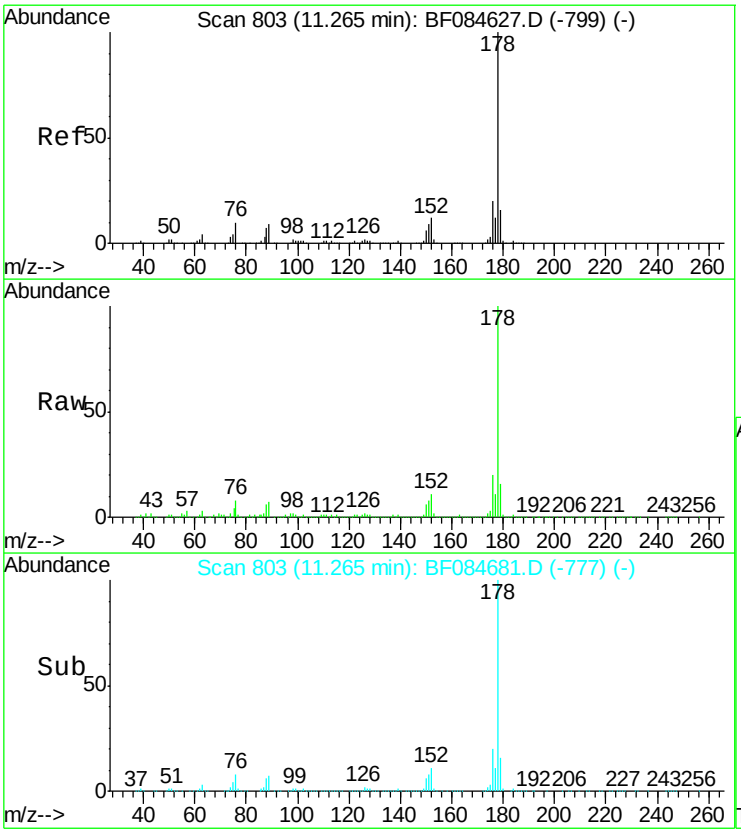
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:188 Resp: 408777

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.4#
80	8.5	9.6	14.4#

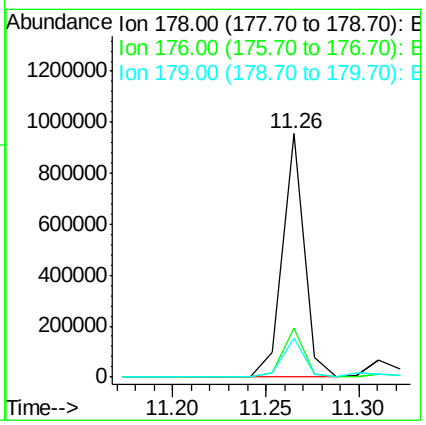


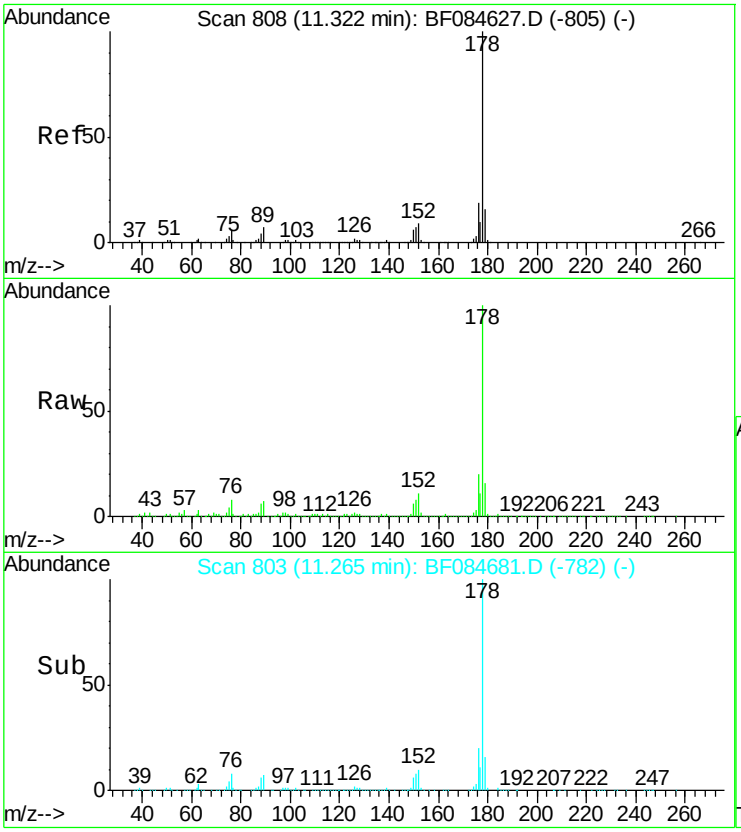


#70
Phenanthrene
Concen: 34.21 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:178 Resp: 773258

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.1	12.0	18.0



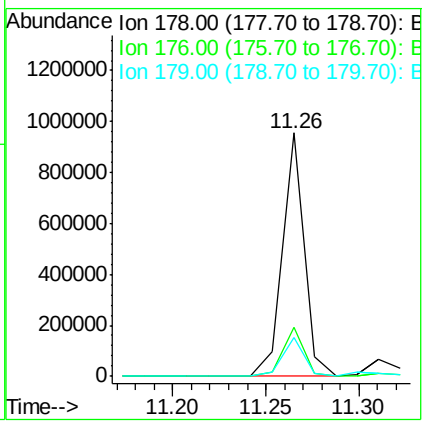


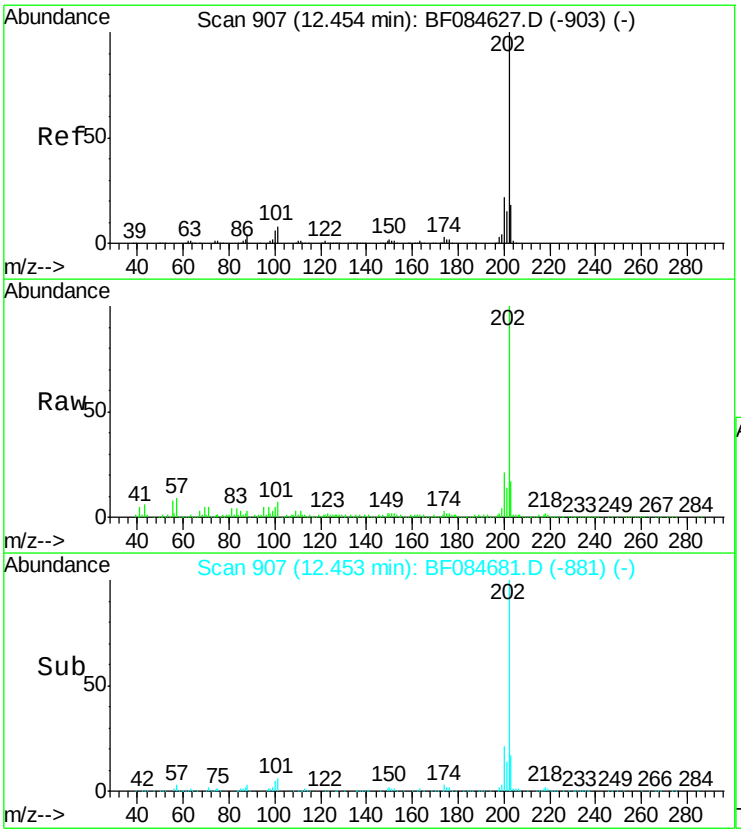
#71
Anthracene
Concen: 33.65 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:178 Resp: 773258

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.1	12.5	18.7

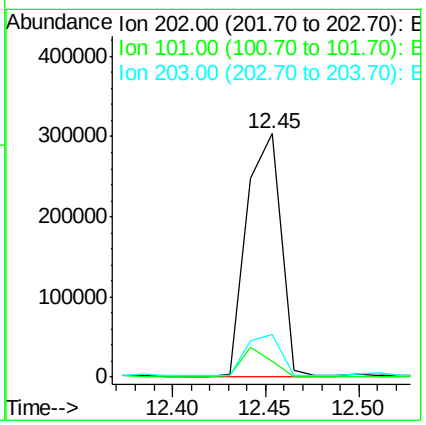


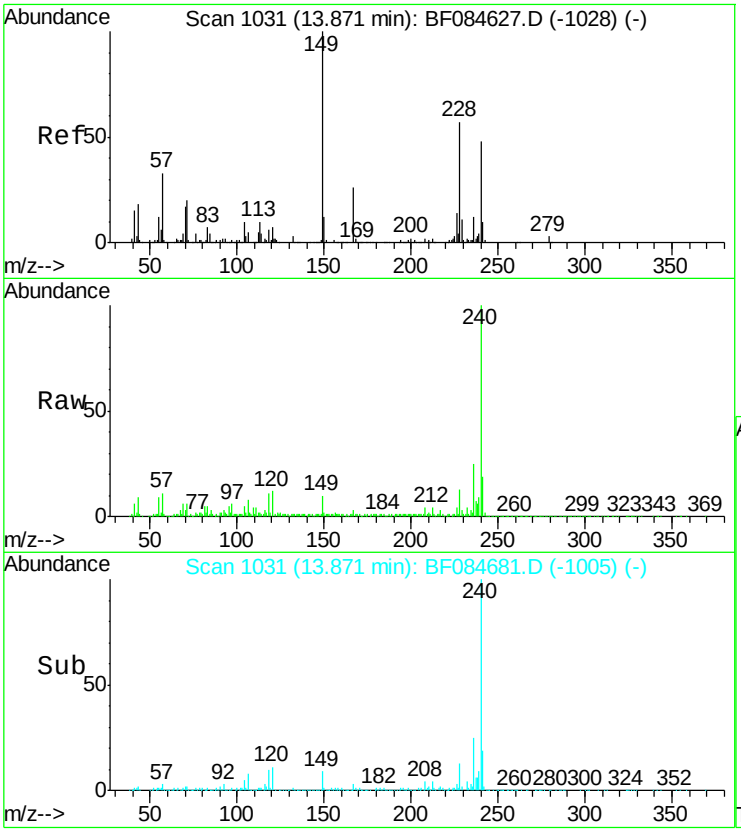


#74
Fluoranthene
Concen: 17.18 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:202 Resp: 383861

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	32.8
203	17.4	0.0	37.9



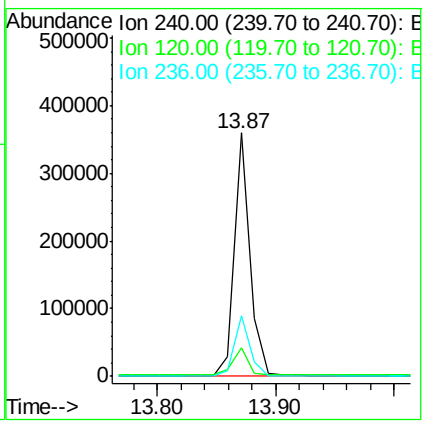


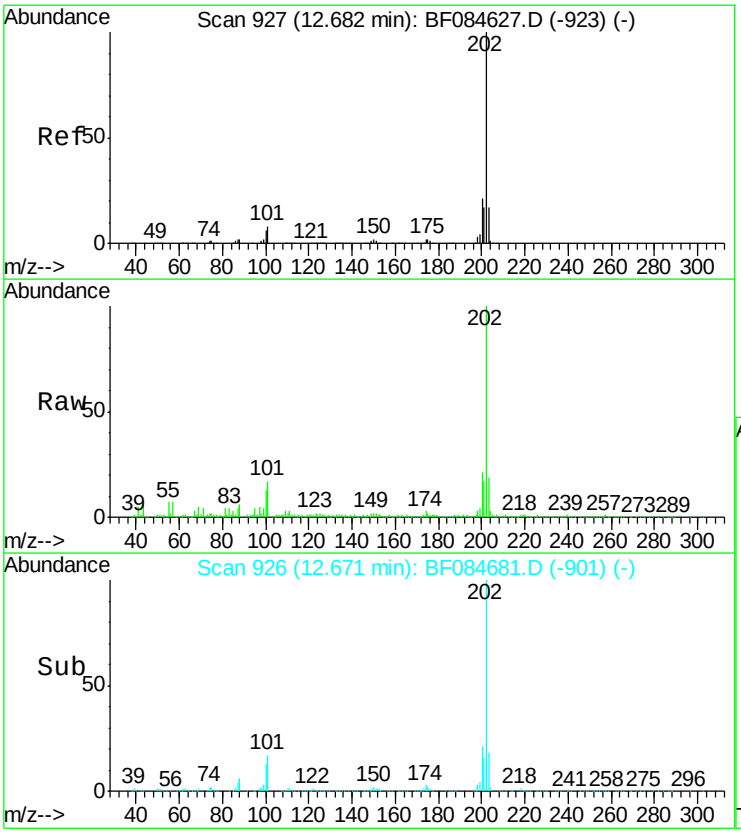
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:240 Resp: 330573

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.0	20.6	31.0

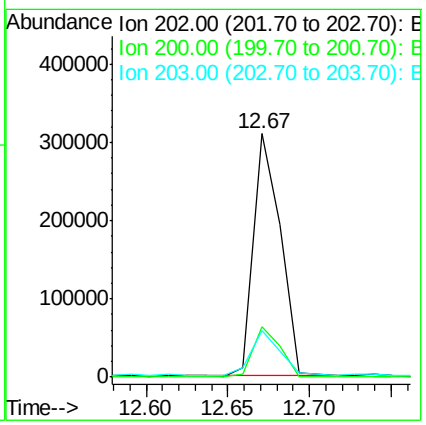


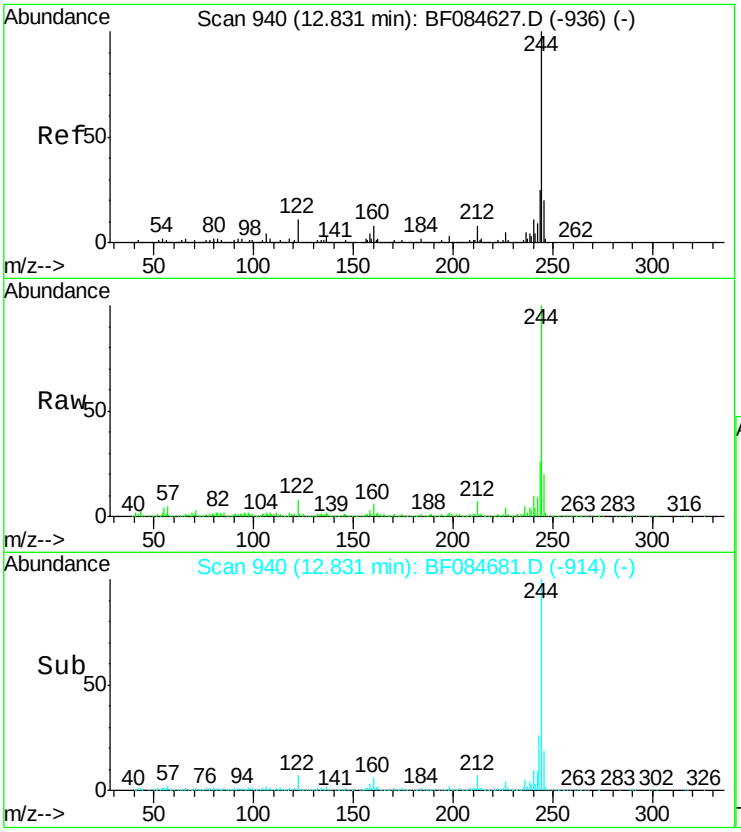


#77
Pyrene
Concen: 14.29 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:202 Resp: 356334

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	19.0	14.3	21.5



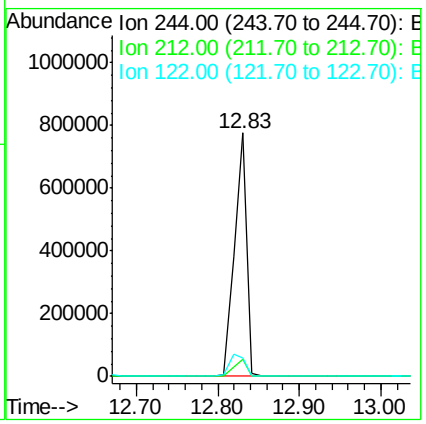


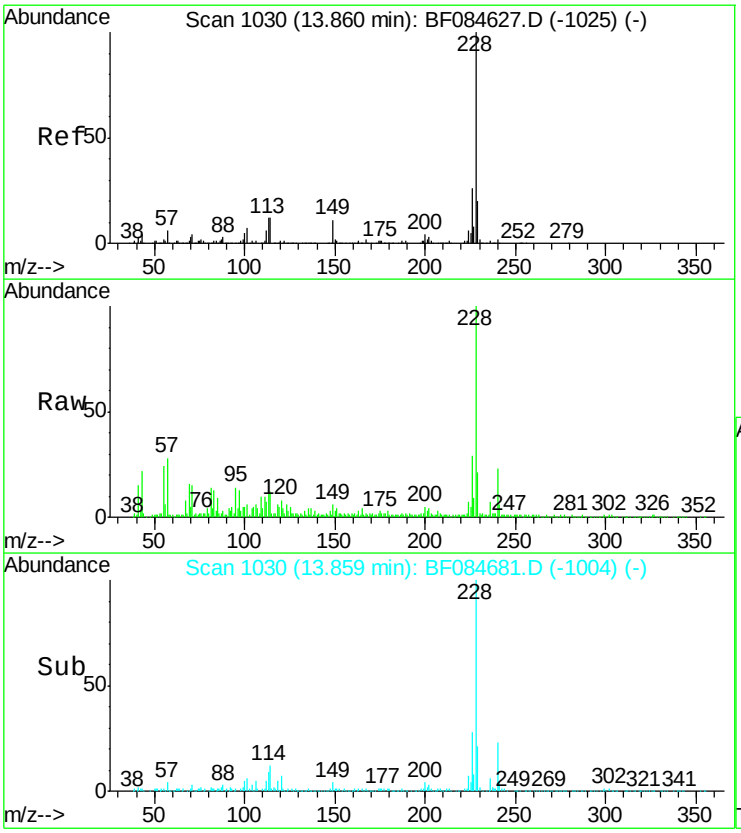
#78
Terphenyl-d14
Concen: 55.33 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:244 Resp: 809856

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.5	7.4	11.0

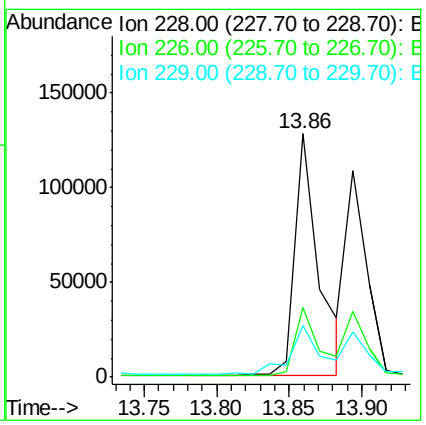


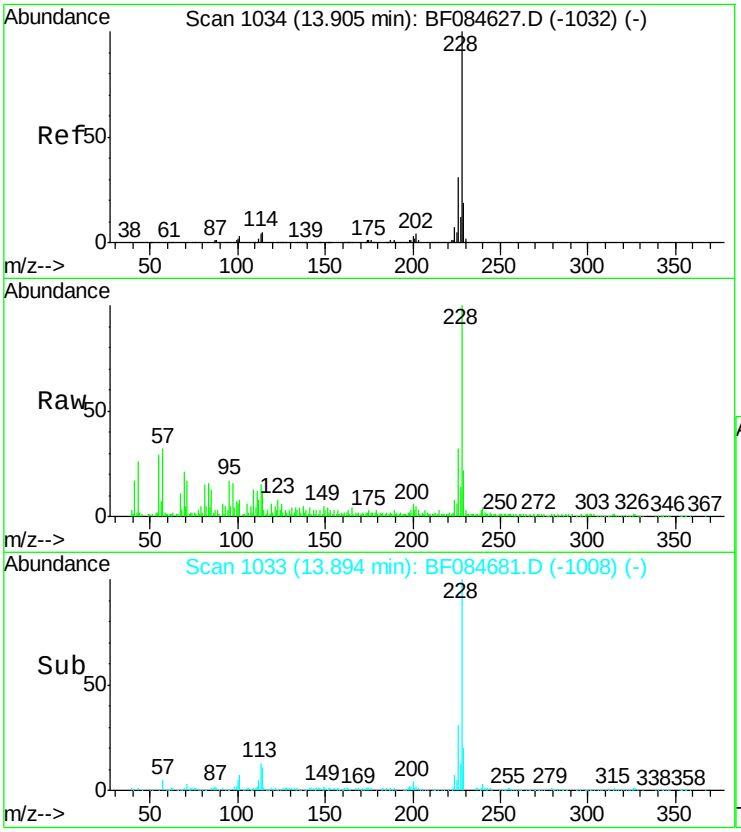


#80
Benzo(a)anthracene
Concen: 7.12 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:228 Resp: 146761

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	21.4	15.8	23.8



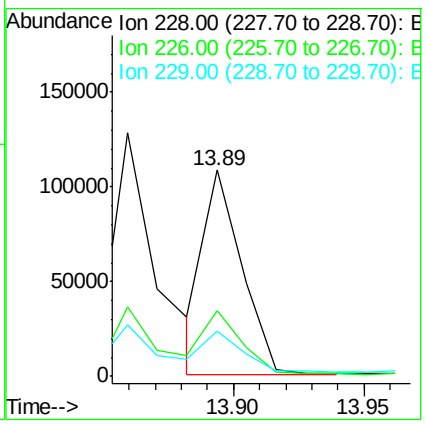


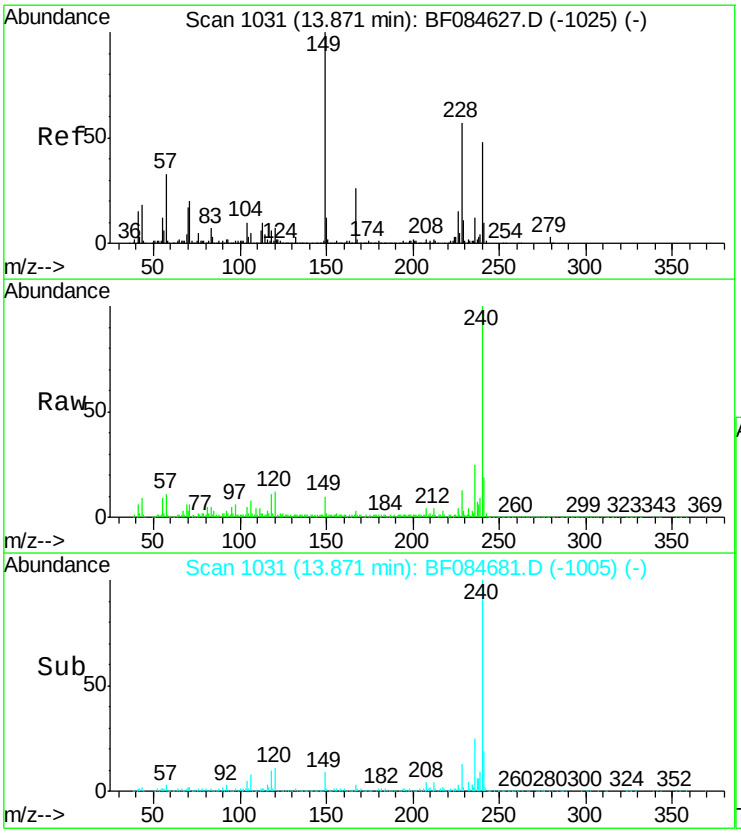
#82
Chrysene
Concen: 5.40 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:228 Resp: 109744

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	22.1	16.1	24.1

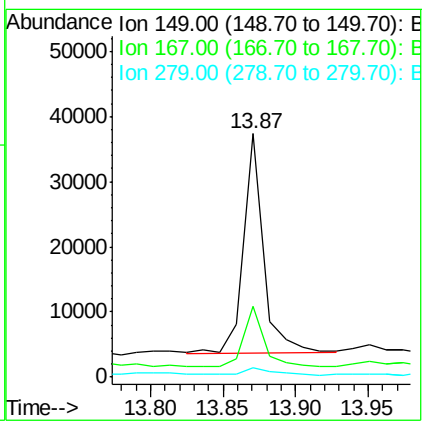


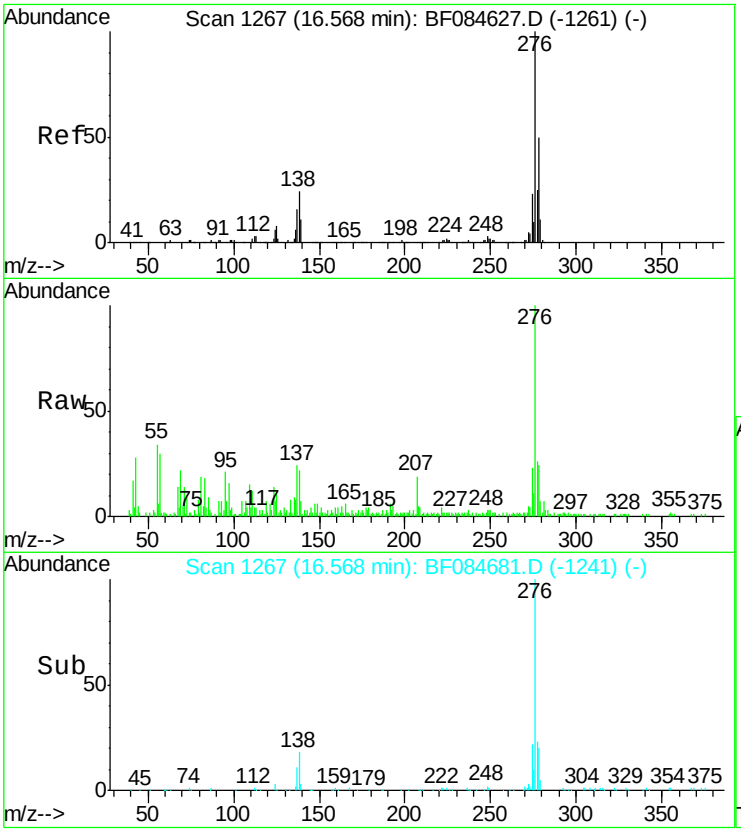


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.35 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:149 Resp: 32472

Ion	Ratio	Lower	Upper
149	100		
167	29.3	19.7	29.5
279	3.9	1.8	2.6#



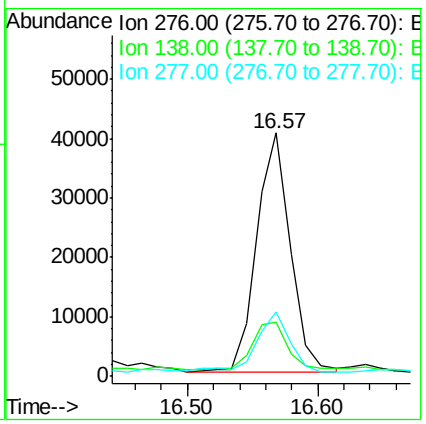


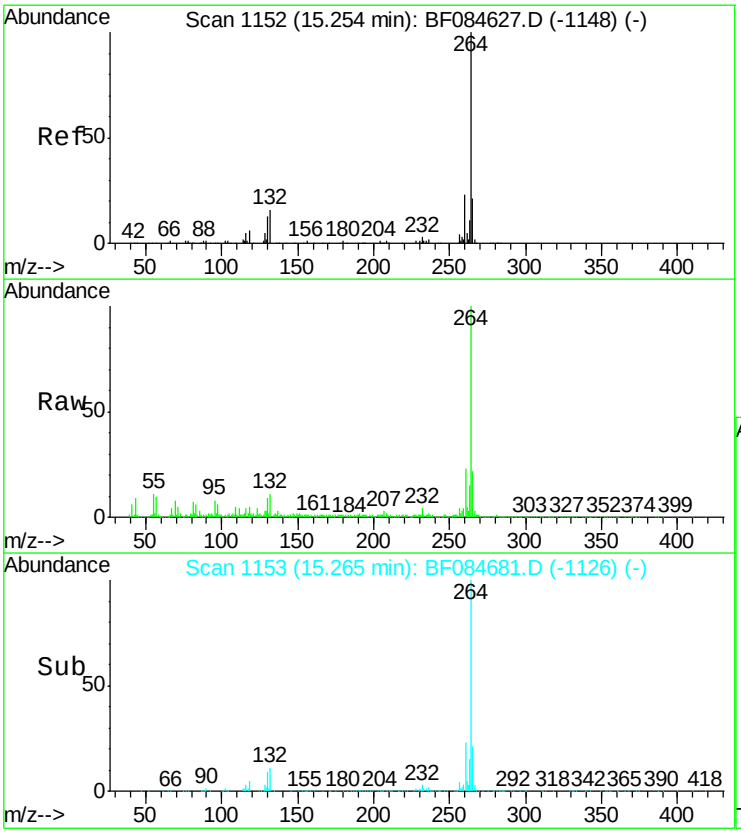
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:276 Resp: 72613

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.7	20.1	30.1

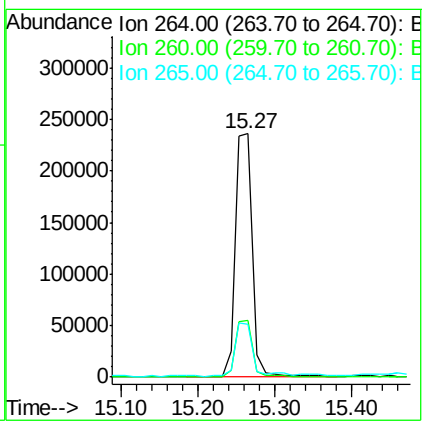


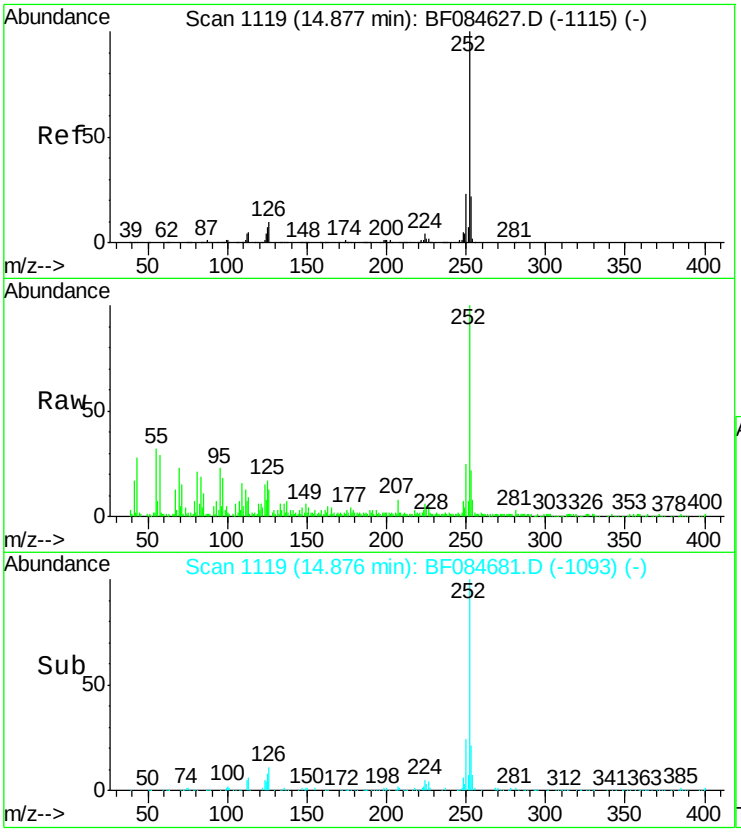


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:264 Resp: 361856

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.7	17.8	26.6



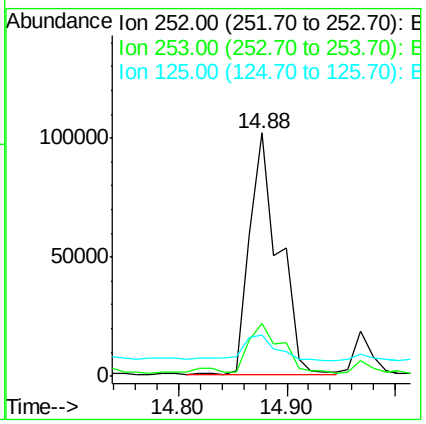


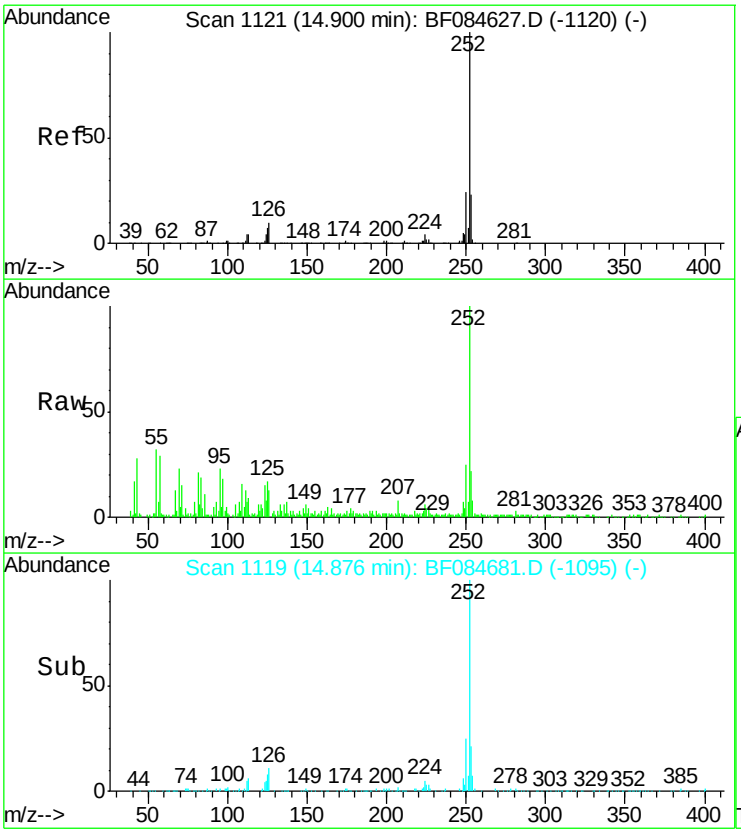
#87
Benzo(b)fluoranthene
Concen: 8.03 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:252 Resp: 188137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	16.9	6.5	9.7#

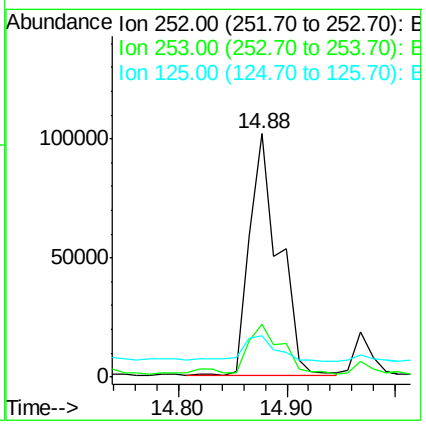


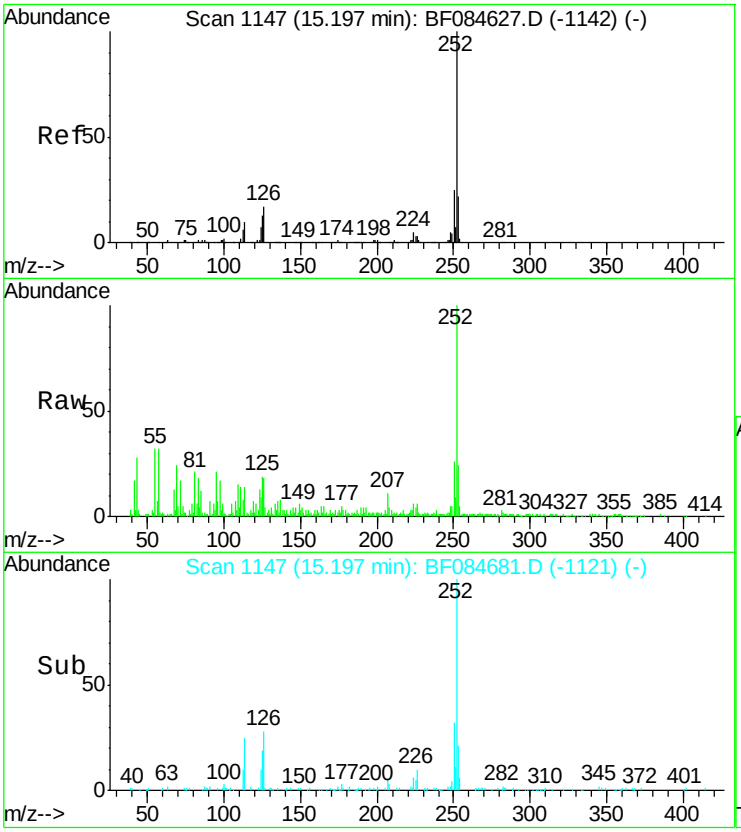


#88
Benzo(k)fluoranthene
Concen: 9.72 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:252 Resp: 188137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	16.9	9.0	13.6#



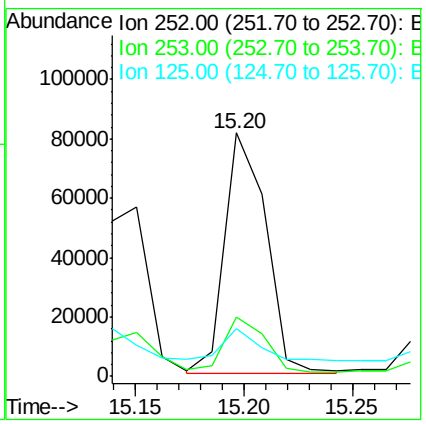


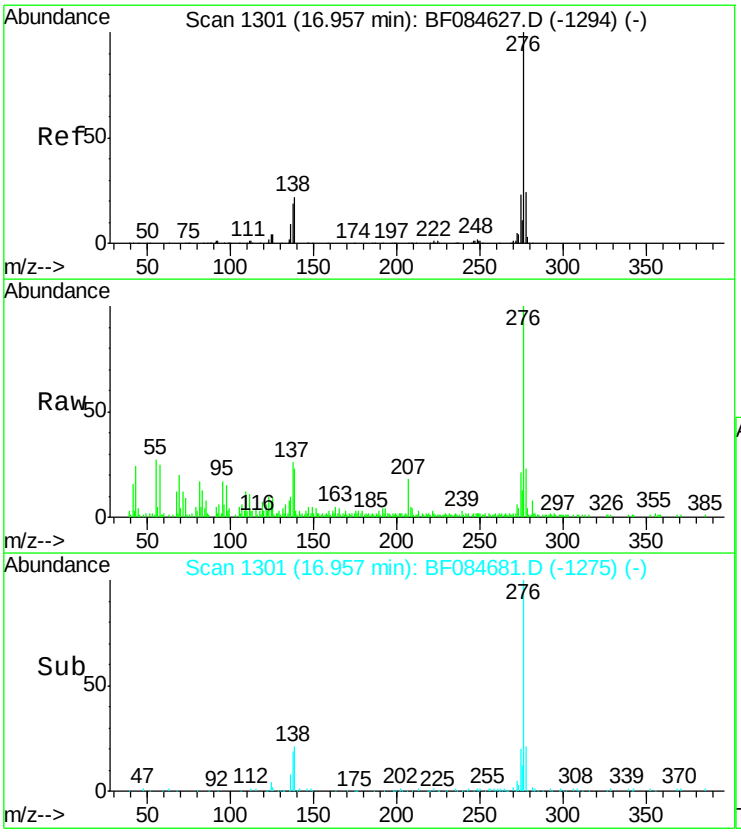
#89
Benzo(a)pyrene
Concen: 5.26 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-B013(10-12.5)

Tgt Ion:252 Resp: 106618

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	19.5	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 4.17 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF084681.D
Acq: 30 Jan 2016 12:59

Tgt Ion:276 Resp: 76920

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.3	17.8	26.6