Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084933.D
Acq On : 8 Feb 2016 17:23
Operator : SJ/IZ
Sample : H1311-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(5-7)

Quant Time: Feb 09 02:36:06 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	6.65	152	162599	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	710346	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	302542	20.00	ng		-0.05
63) Phenanthrene-d10	11.16	188	536146	20.00	ng		-0.05
75) Chrysene-d12	13.79	240	355164	20.00	ng		-0.05
86) Perylene-d12	15.16	264	309696	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	777029	74.43	ng		-0.03
7) Phenol-d6	6.30	99	1100589	85.04	ng		-0.03
23) Nitrobenzene-d5	7.22	82	673652	53.42	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	187854	59.53	ng		-0.05
44) 2-Fluorobiphenyl	9.01	172	1007000	48.76	ng		-0.05
78) Terphenyl-d14	12.75	244	890212	56.80	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	92737	11.43	ng	#	71
49) Dimethylphthalate	9.41	163	156276	6.78	ng	#	91
56) 2,4-Dinitrotoluene	9.69	165	38607	6.01	ng	#	22
70) Phenanthrene	11.18	178	274910	9.24	ng		99
74) Fluoranthene	12.37	202	316261	10.51	ng		92
76) Benzidine	12.33	184	470	6.92	ng	#	1
77) Pyrene	12.59	202	399429	14.69	ng		99
80) Benzo(a)anthracene	13.78	228	176754	8.02	ng		99
82) Chrysene	13.81	228	128509	6.01	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	54494	3.24	ng		95
87) Benzo(b)fluoranthene	14.79	252	168362	8.09	ng	#	96
88) Benzo(k)fluoranthene	14.79	252	168362	9.79	ng		100
89) Benzo(a)pyrene	15.11	252	105449	5.95	ng		98
91) Benzo(g,h,i)perylene	16.80	276	51677	3.44	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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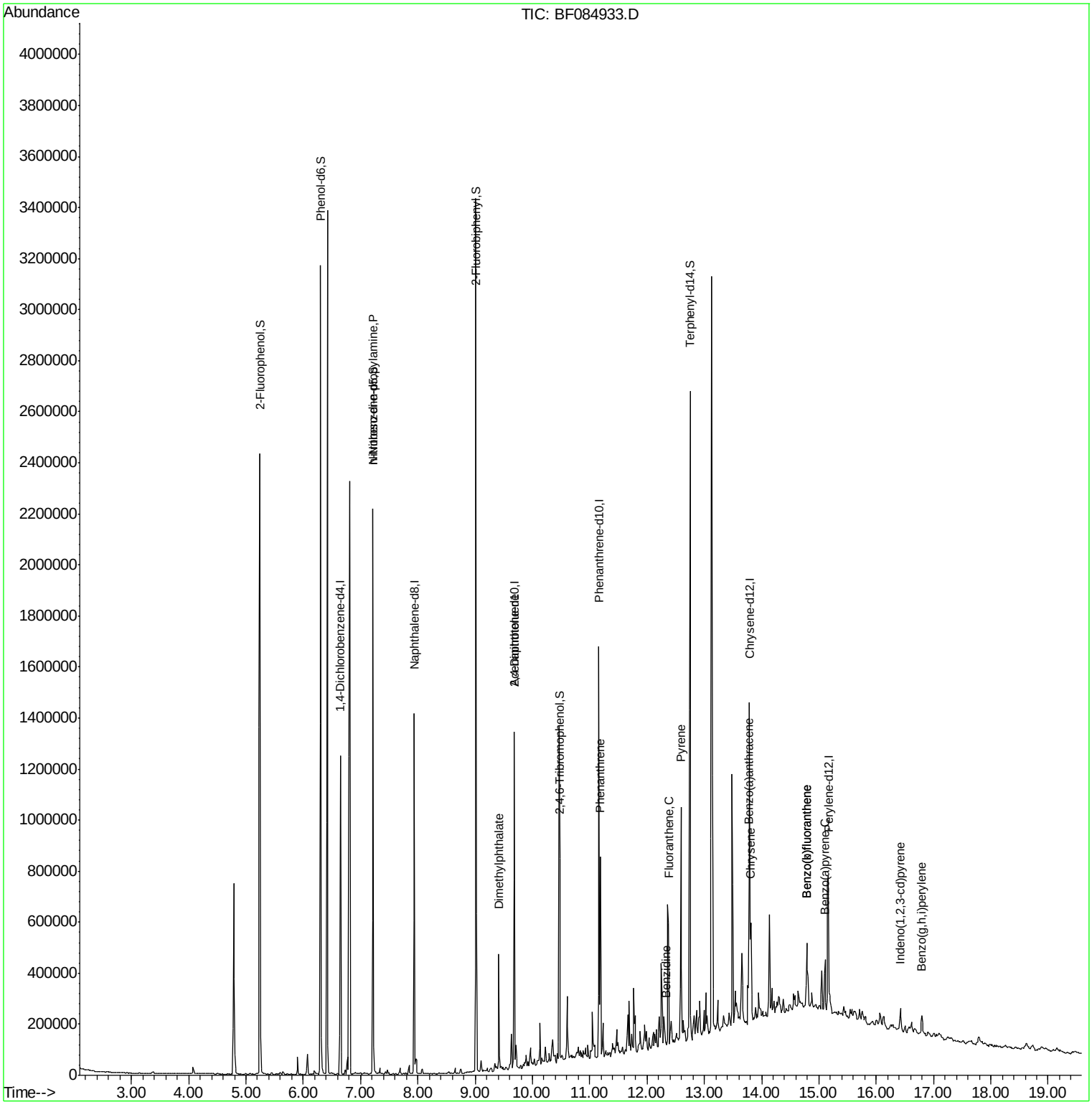
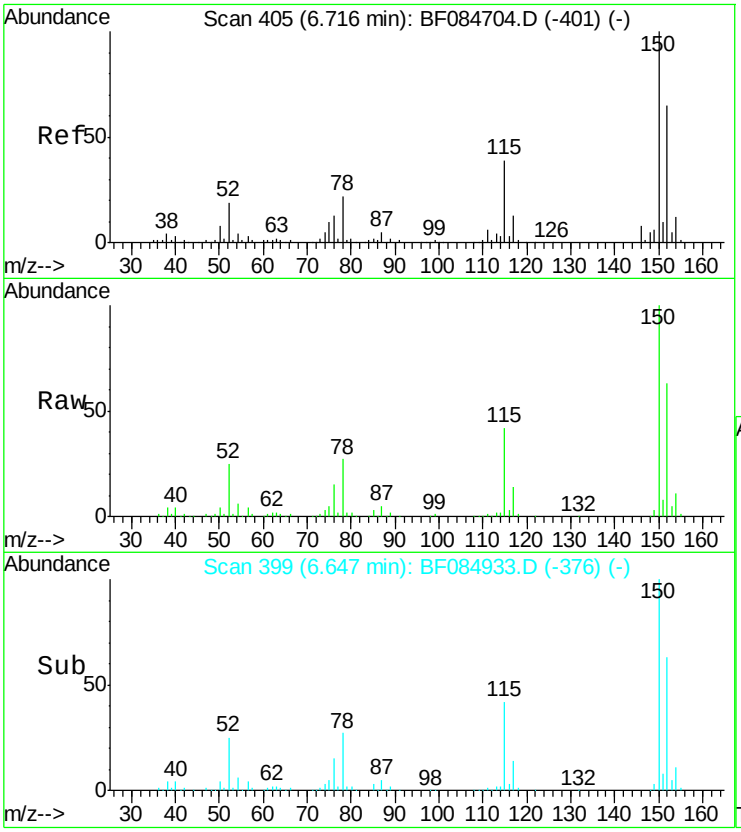
SUP-B017(5-7)

Quant Time: Feb 09 02:36:06 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



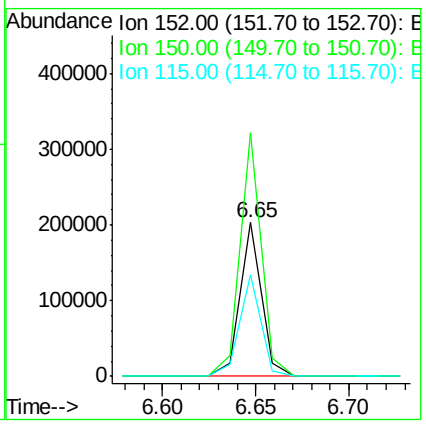


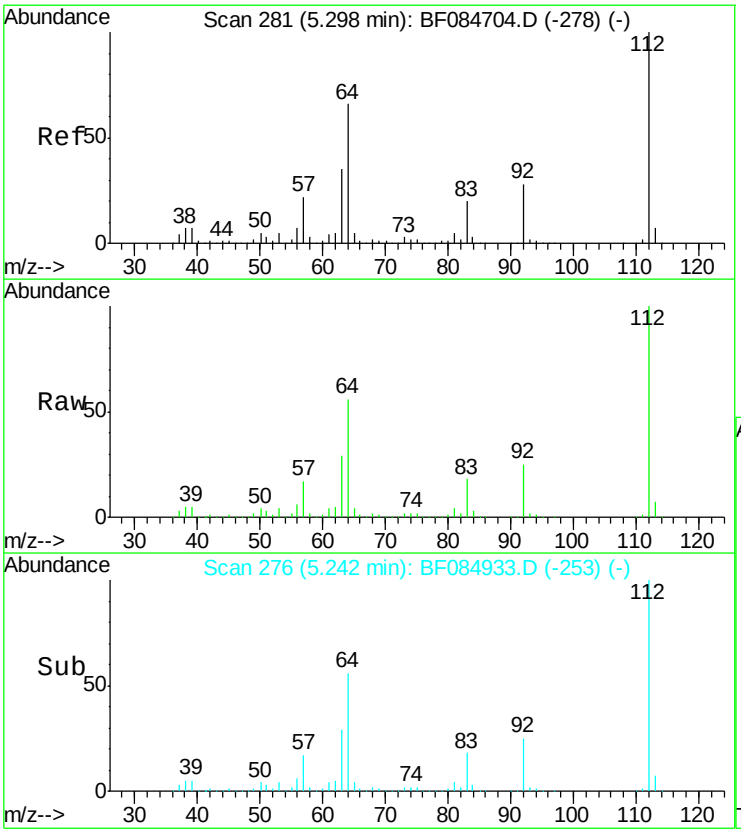
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:152 Resp: 162599

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.4
115	66.4	51.4	77.2

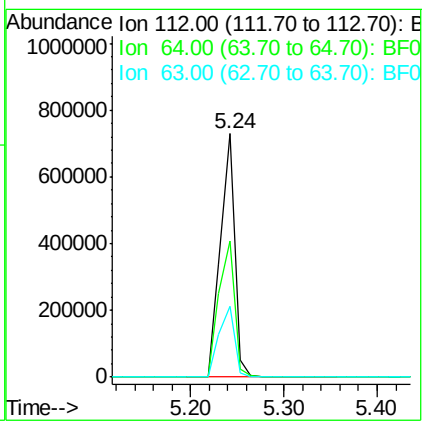


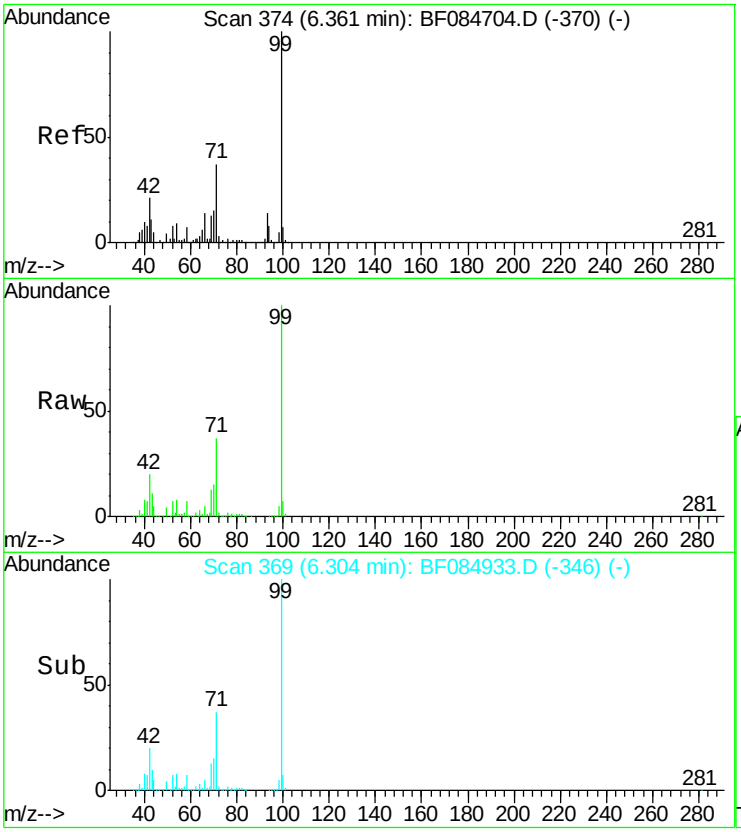


#5
2-Fluorophenol
Concen: 74.43 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:112 Resp: 777029

Ion	Ratio	Lower	Upper
112	100		
64	56.1	36.6	55.0#
63	29.1	19.4	29.0#



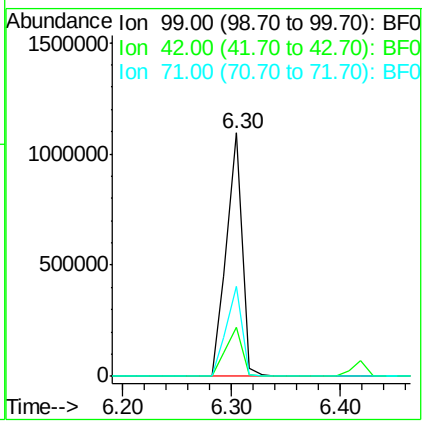


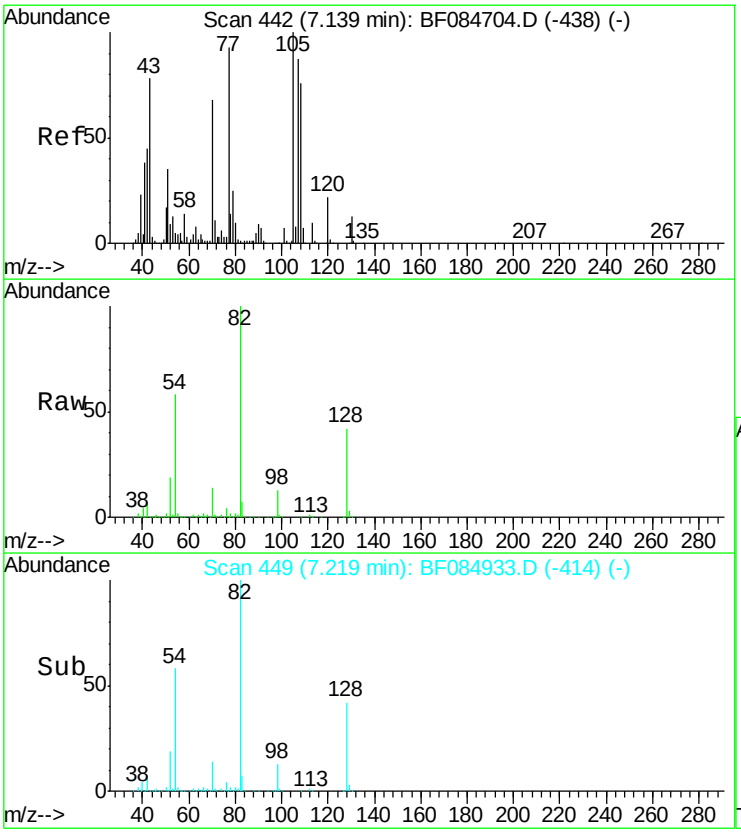
#7
Phenol-d6
Concen: 85.04 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion: 99 Resp: 1100589

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	37.2	30.9	46.3

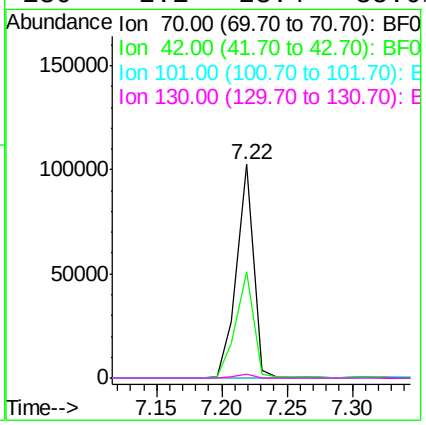


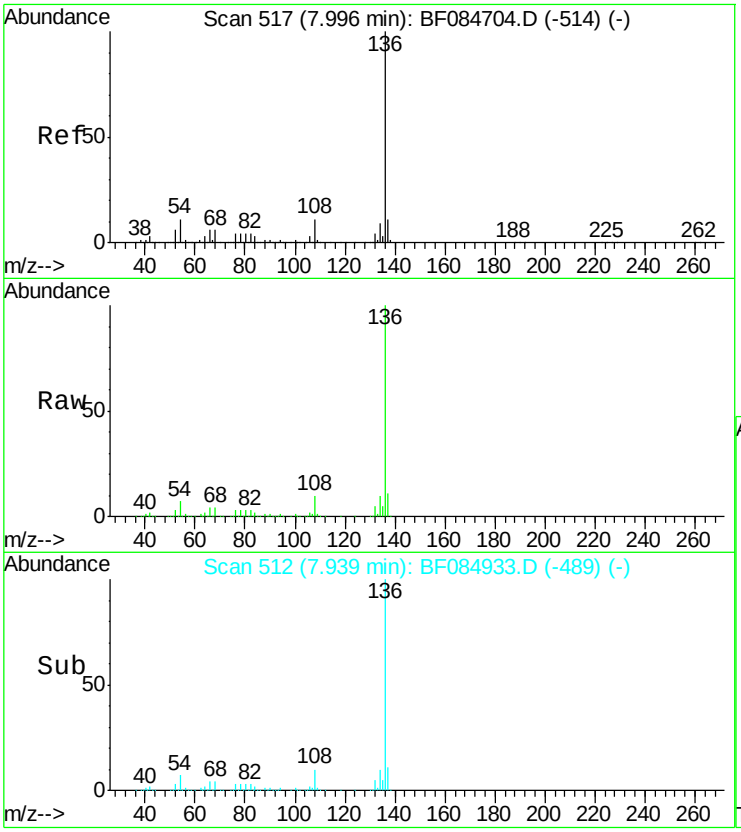


#19
n-Nitroso-di-n-propylamine
Concen: 11.43 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.10 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion: 70 Resp: 92737

Ion	Ratio	Lower	Upper
70	100		
42	50.0	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



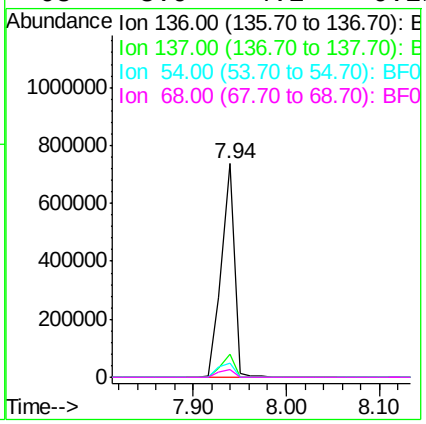


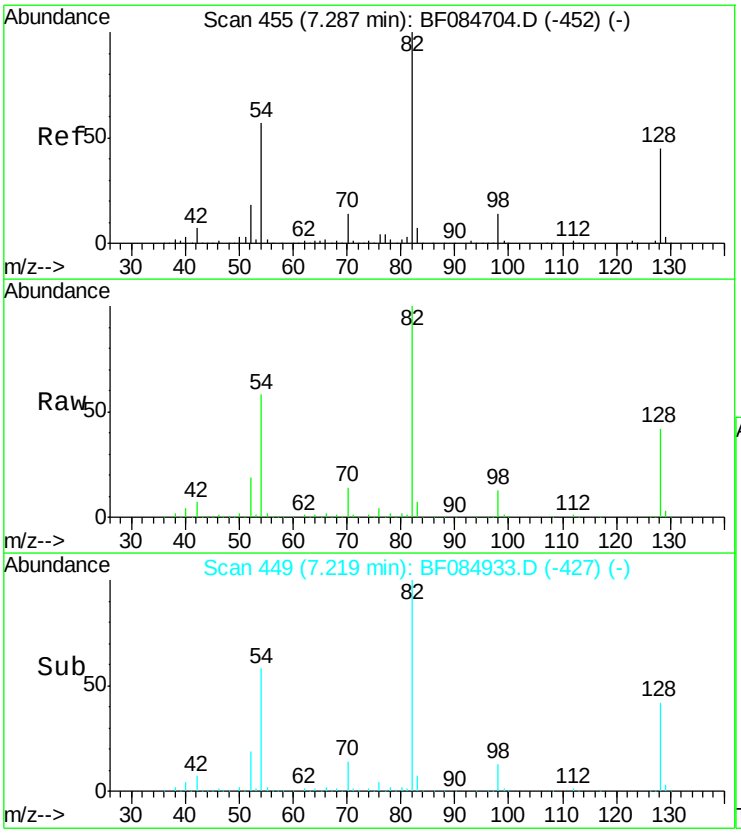
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:136 Resp: 710346

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.8
68	3.9	4.2	6.2#

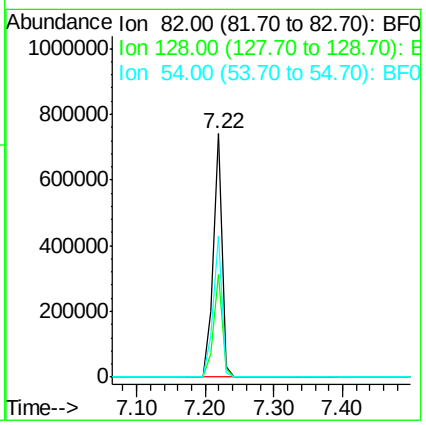


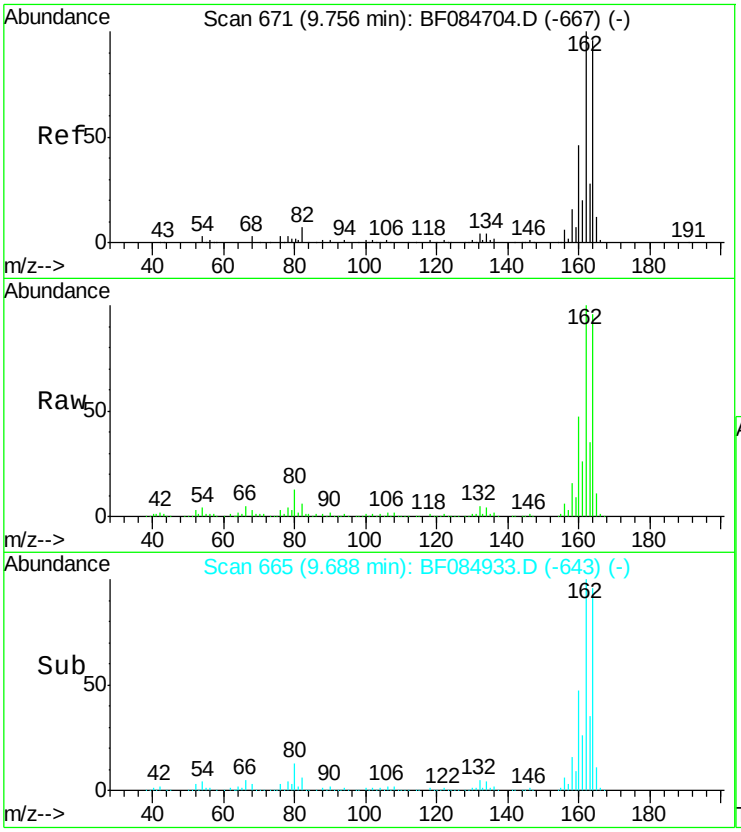


#23
Nitrobenzene-d5
Concen: 53.42 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion: 82 Resp: 673652

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	58.3	38.4	57.6#



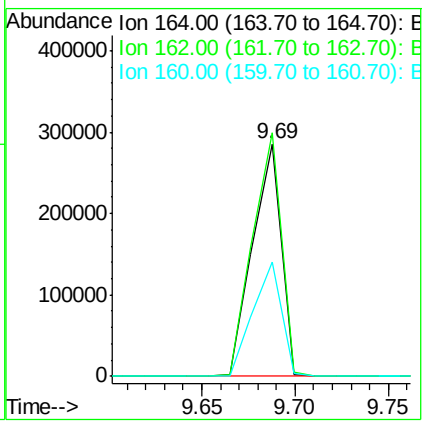


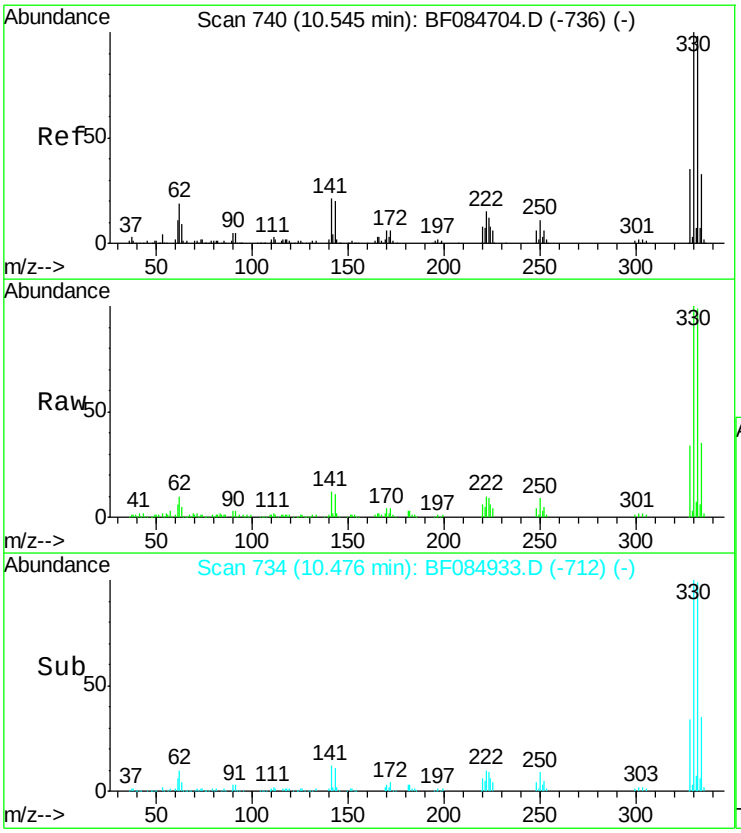
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:164 Resp: 302542

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	49.1	37.5	56.3

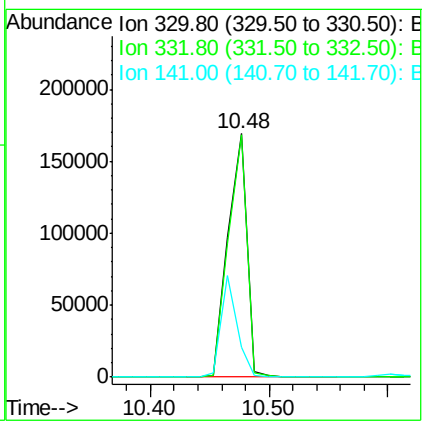


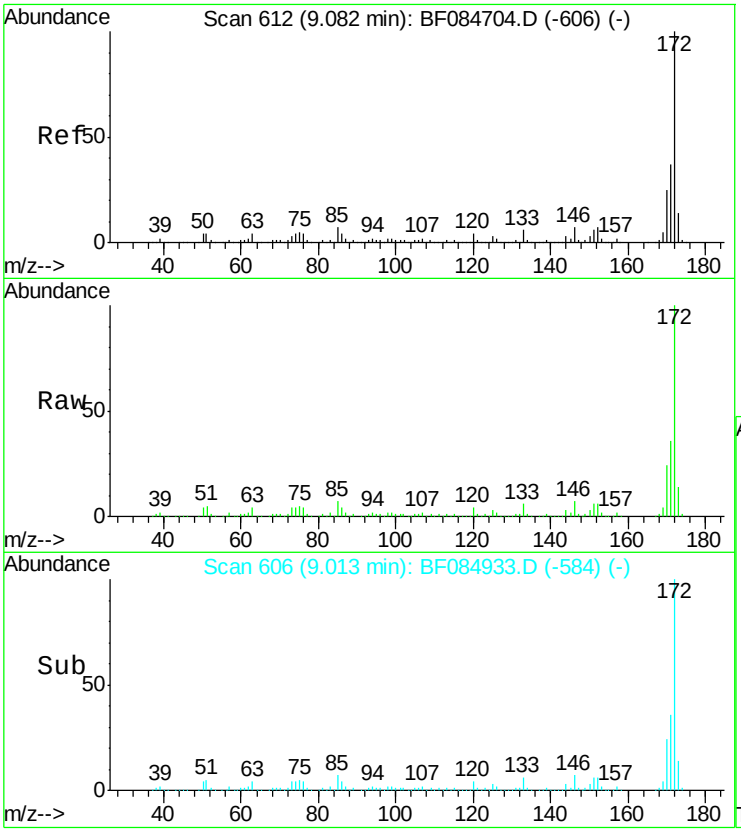


#41
2,4,6-Tribromophenol
Concen: 59.53 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:330 Resp: 187854

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	35.4	27.8	41.6



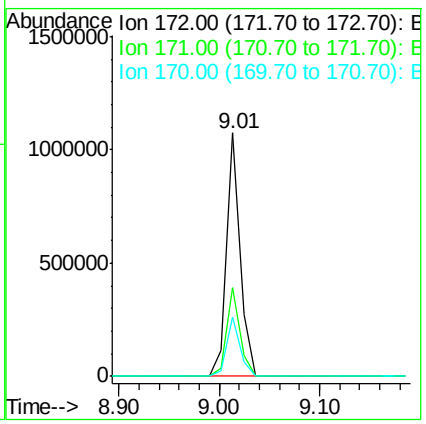


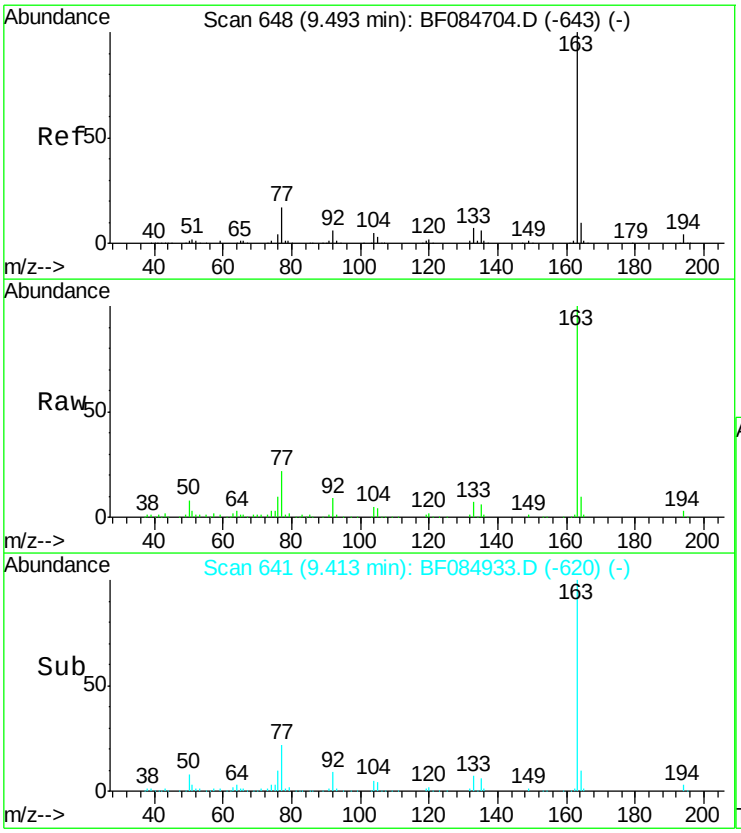
#44
2-Fluorobiphenyl
Concen: 48.76 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:172 Resp: 1007000

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.1	18.6	27.8

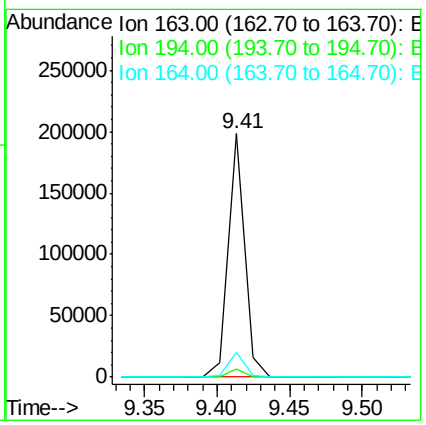


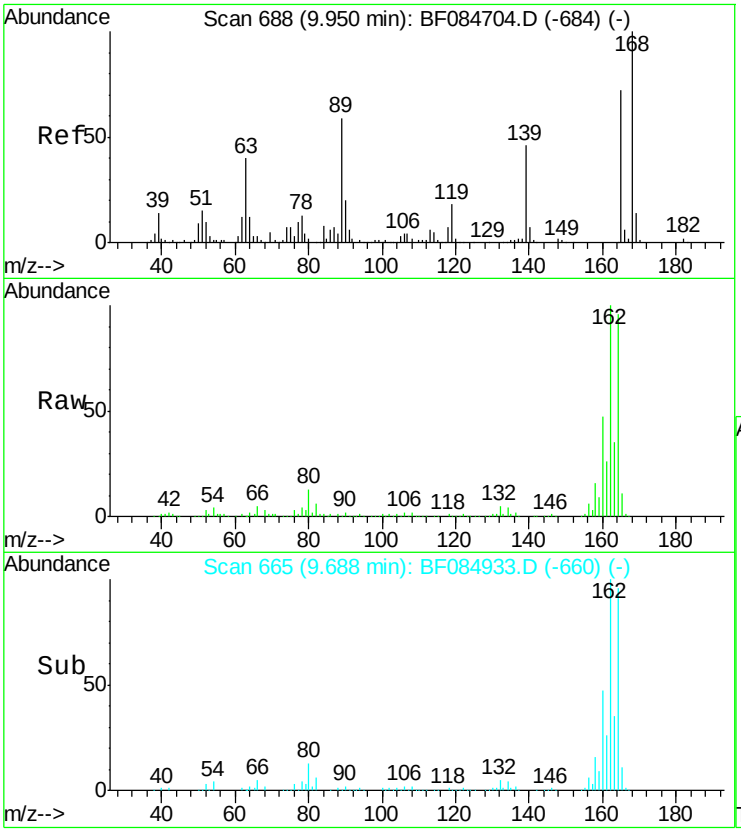


#49
Dimethylphthalate
Concen: 6.78 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:163 Resp: 156276

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	9.9	8.0	12.0



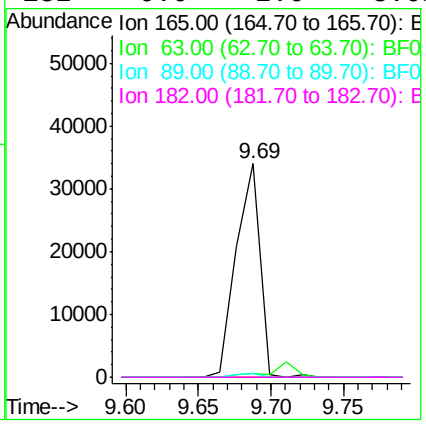


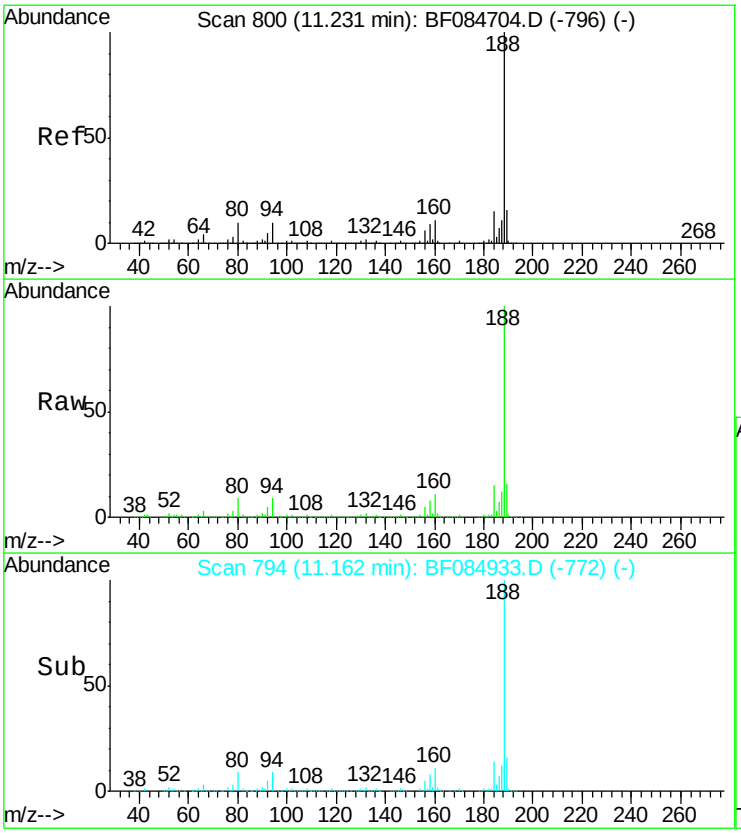
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.24 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:165 Resp: 38607

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#

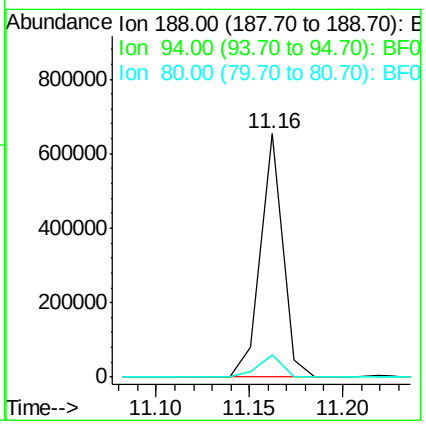


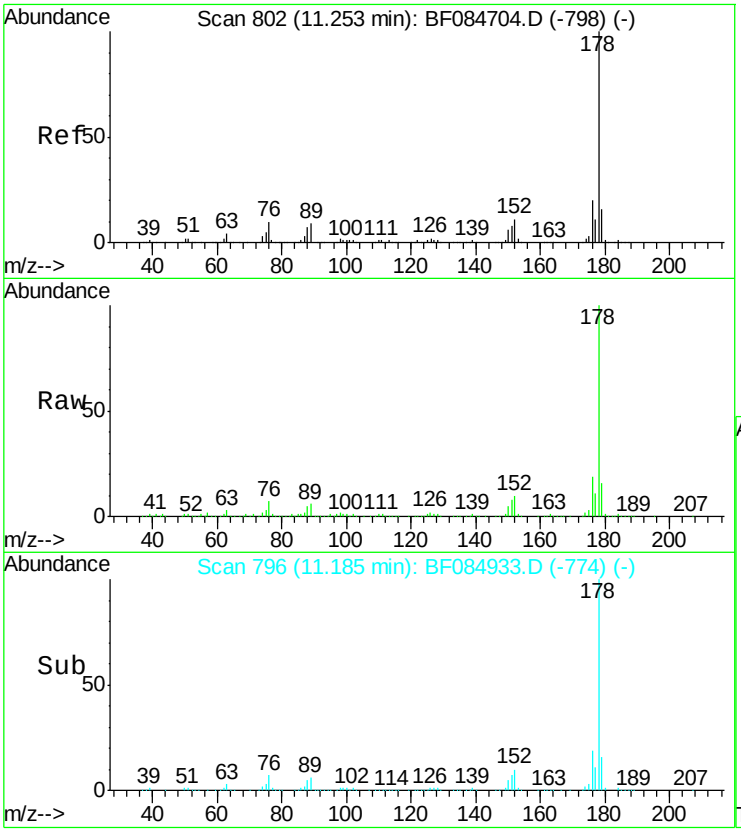


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:188 Resp: 536146

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.3	9.6	14.4#



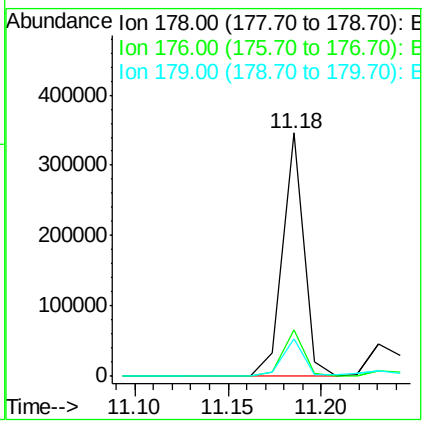


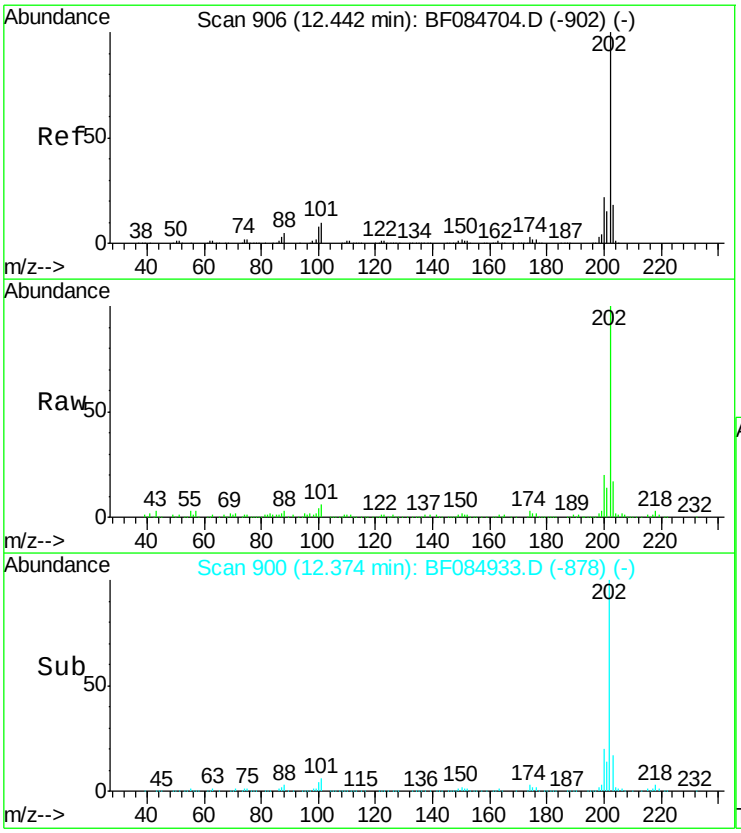
#70
Phenanthrene
Concen: 9.24 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:178 Resp: 274910

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.0	18.0

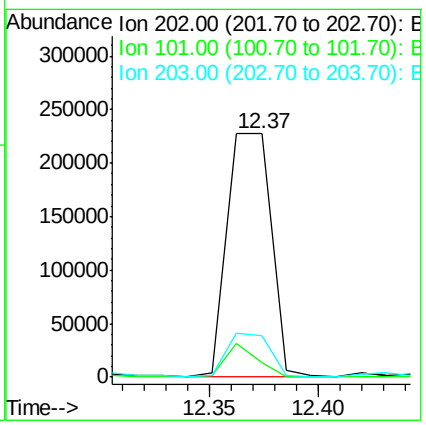


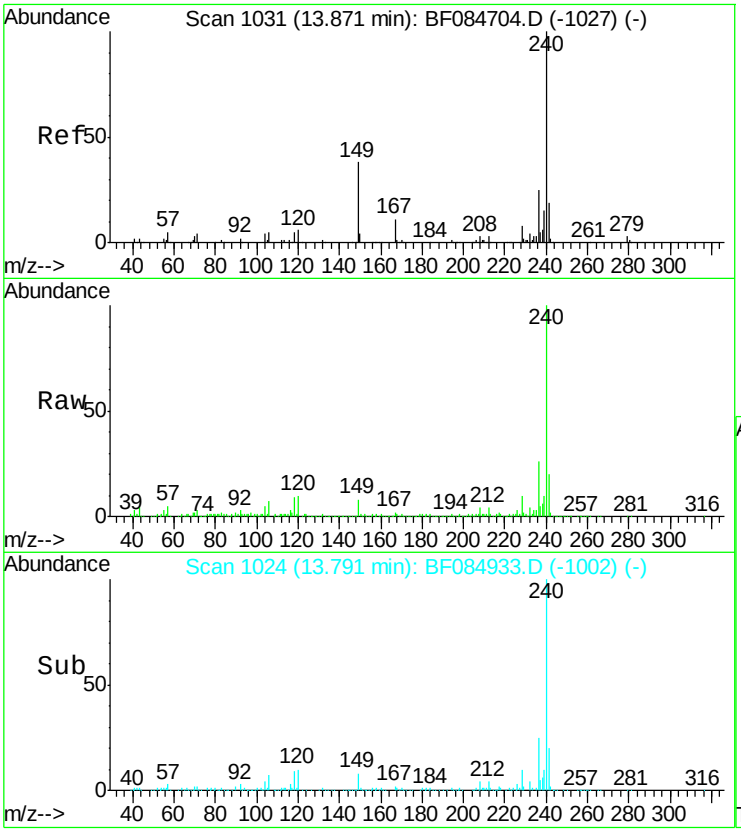


#74
Fluoranthene
Concen: 10.51 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:202 Resp: 316261

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	32.8
203	17.1	0.0	37.9



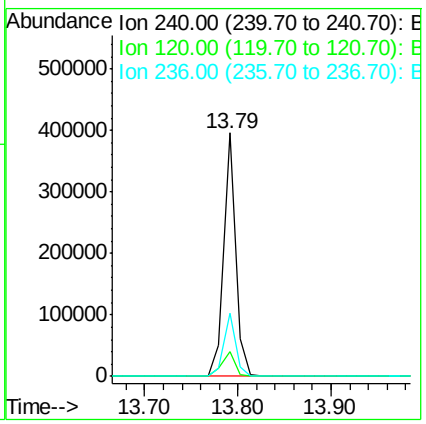


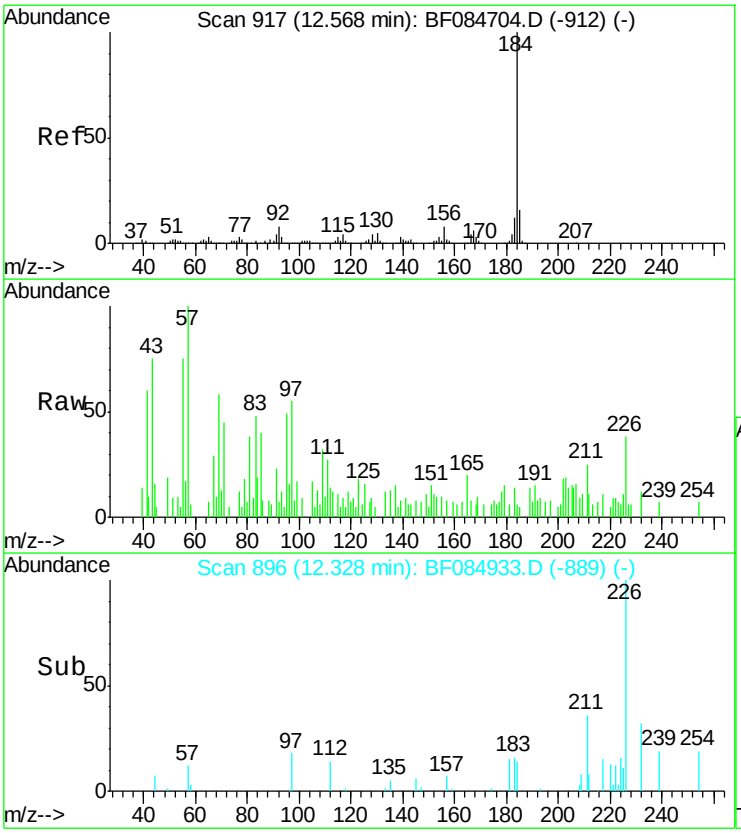
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:240 Resp: 355164

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.7	20.6	31.0

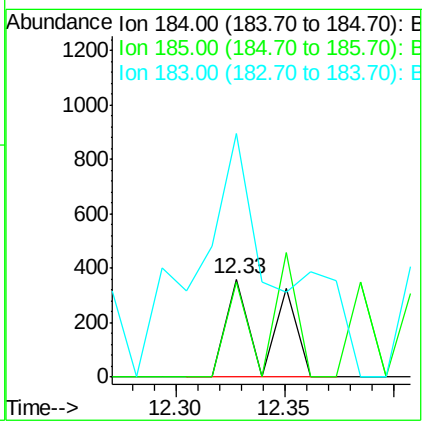


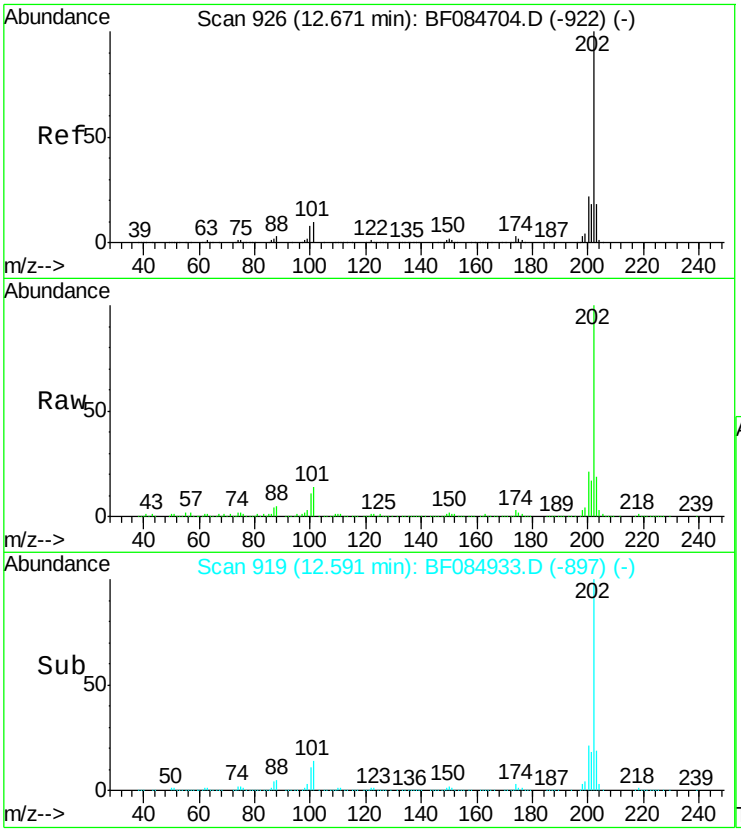


#76
Benzidine
Concen: 6.92 ng
RT: 12.33 min Scan# 896
Delta R.T. -0.22 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:184 Resp: 470

Ion	Ratio	Lower	Upper
184	100		
185	97.2	12.2	18.2#
183	247.6	9.8	14.8#



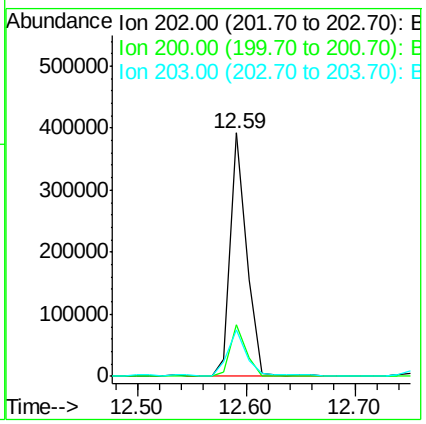


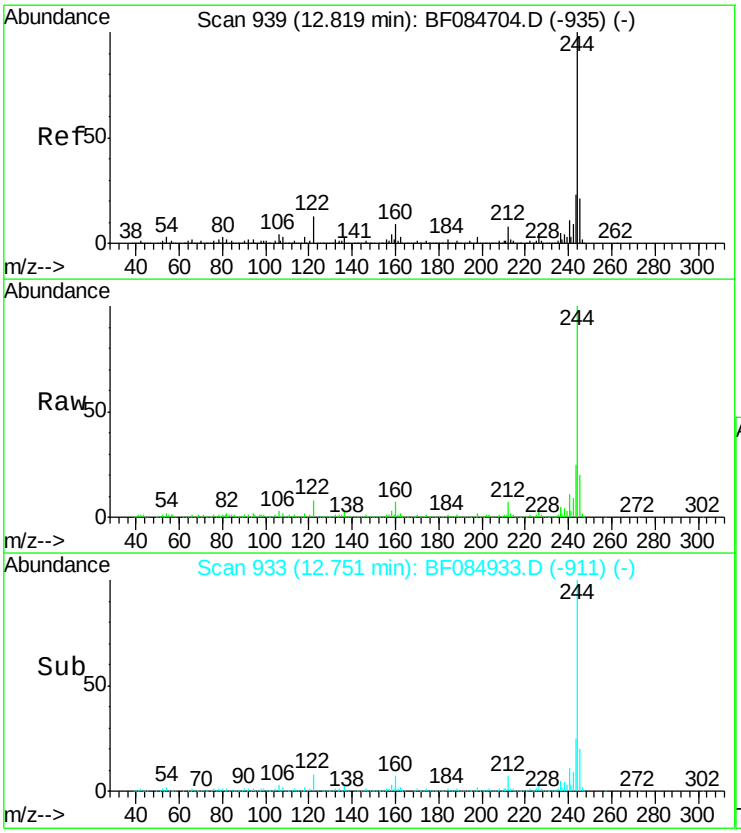
#77
Pyrene
Concen: 14.69 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:202 Resp: 399429

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	19.0	14.3	21.5

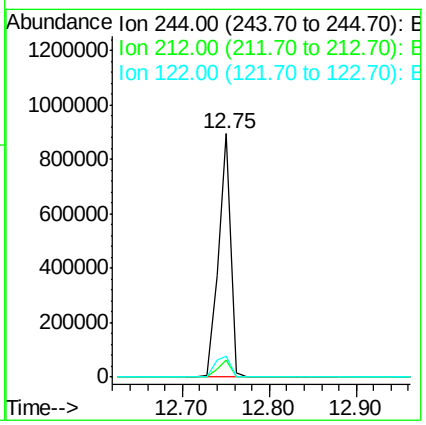


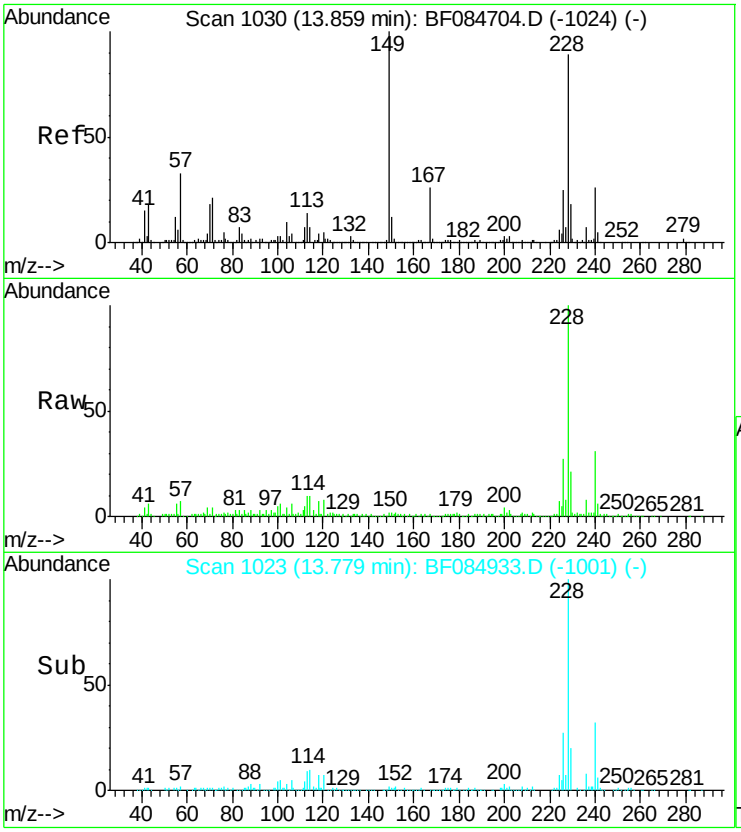


#78
Terphenyl-d14
Concen: 56.80 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:244 Resp: 890212

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.3	7.4	11.0



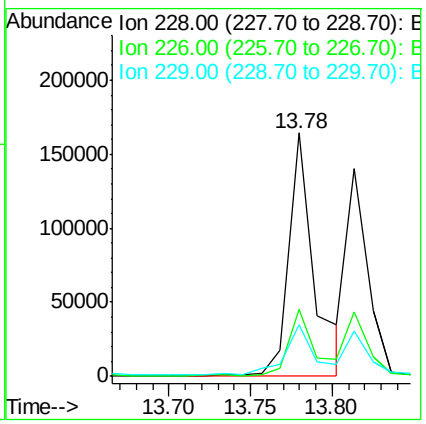


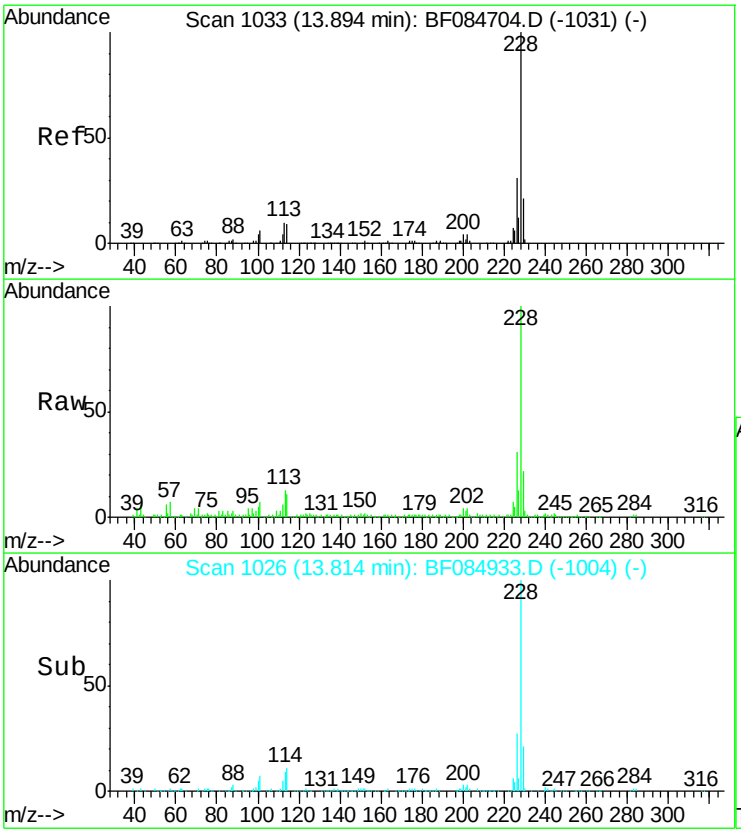
#80
Benzo(a)anthracene
Concen: 8.02 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:228 Resp: 176754

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	21.2	15.8	23.8

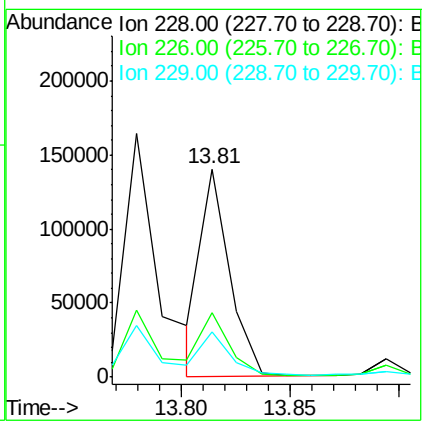


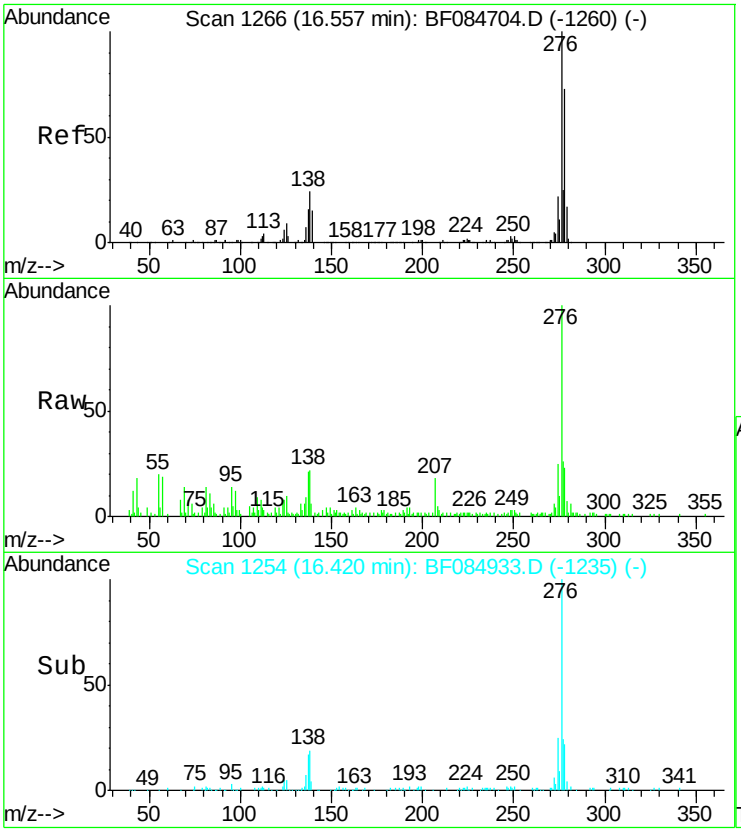


#82
Chrysene
Concen: 6.01 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:228 Resp: 128509

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.6	16.1	24.1



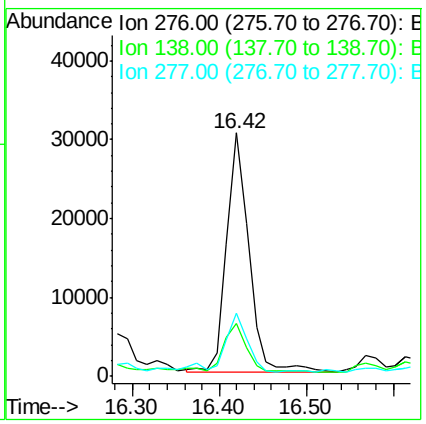


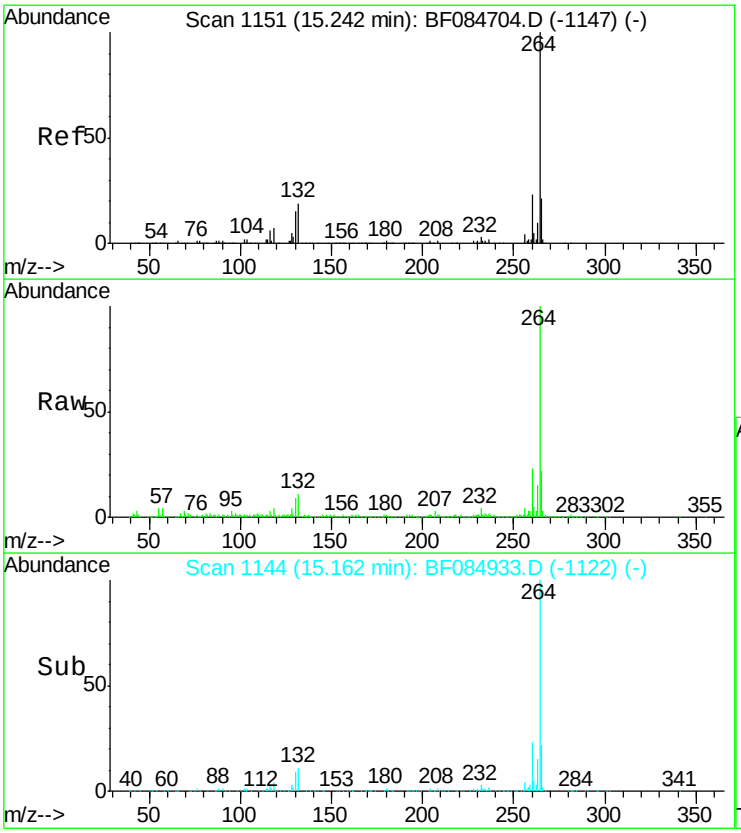
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.24 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.08 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:276 Resp: 54494

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.6	30.8
277	26.3	20.1	30.1

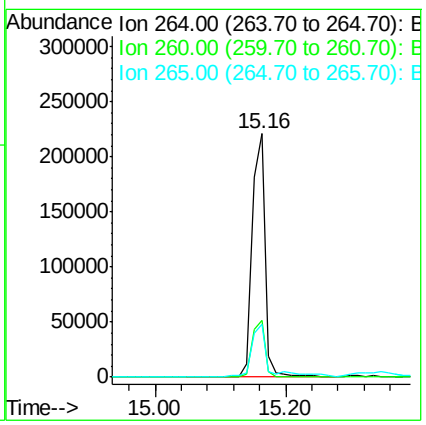


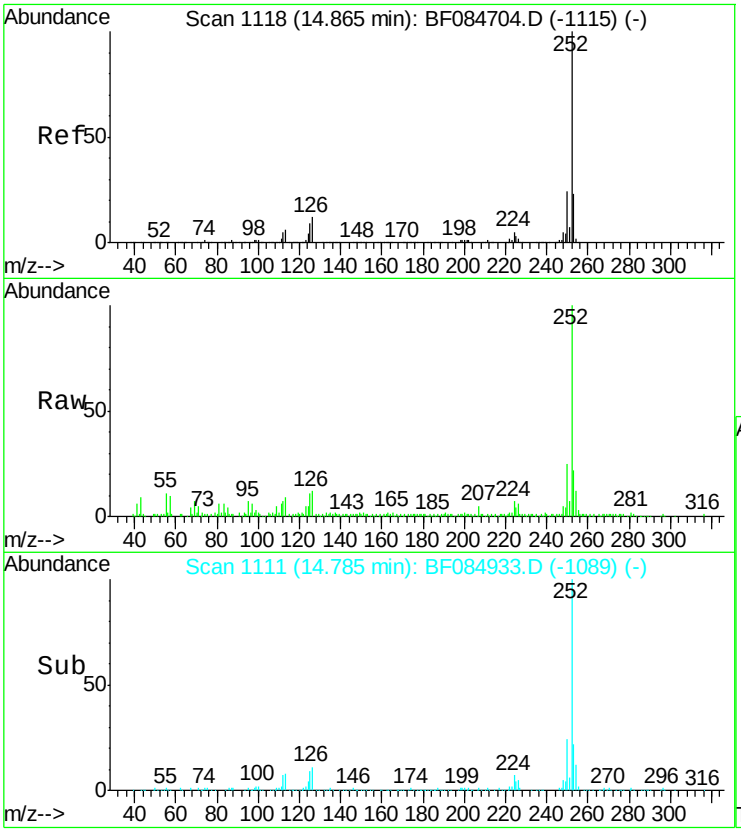


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:264 Resp: 309696

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	17.8	26.6



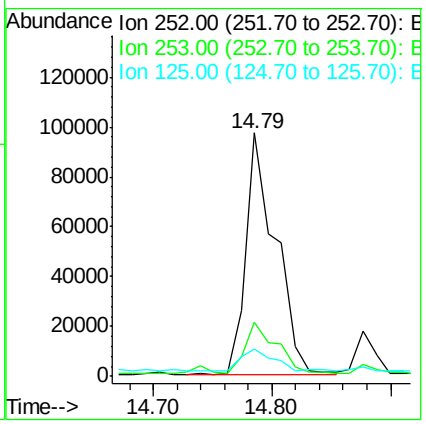


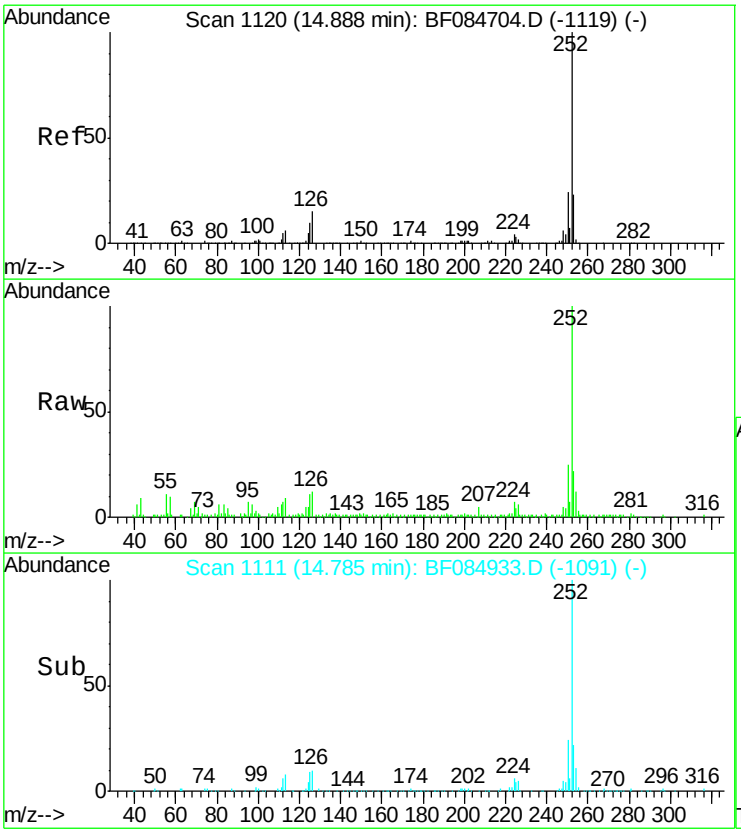
#87
Benzo(b)fluoranthene
Concen: 8.09 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:252 Resp: 168362

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.3	6.5	9.7#

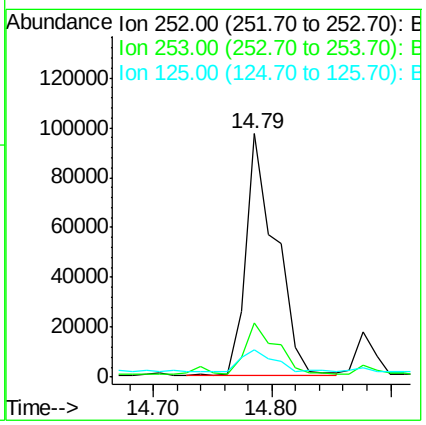


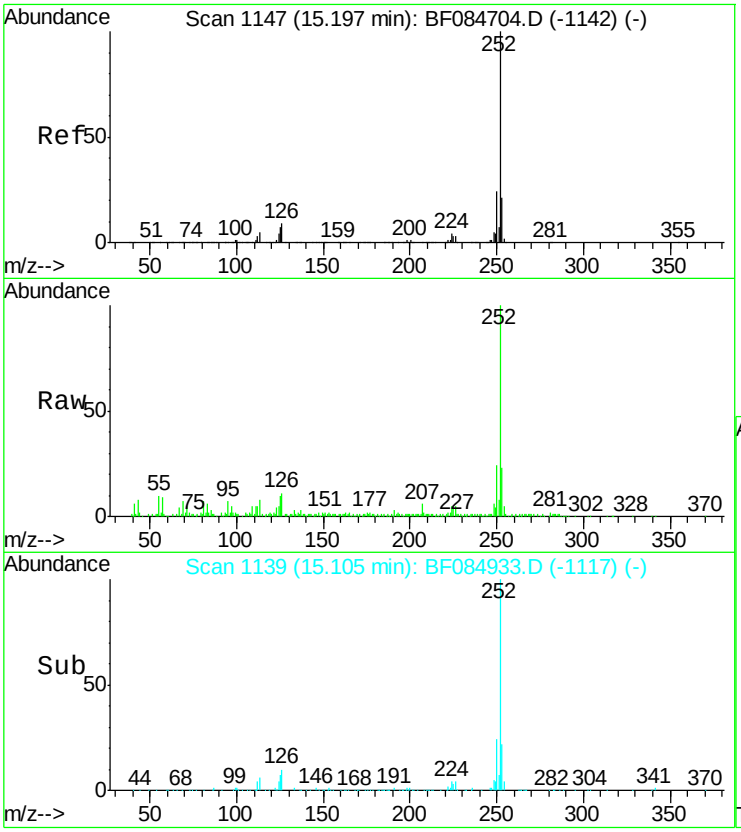


#88
Benzo(k)fluoranthene
Concen: 9.79 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.07 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:252 Resp: 168362

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.3	9.0	13.6



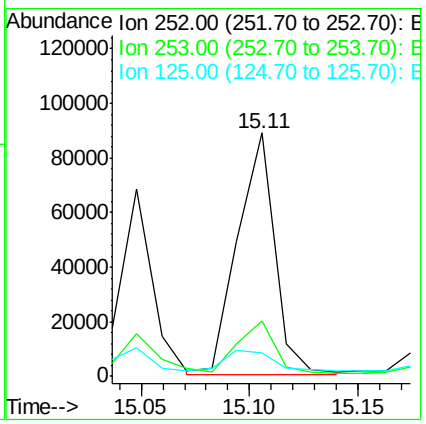


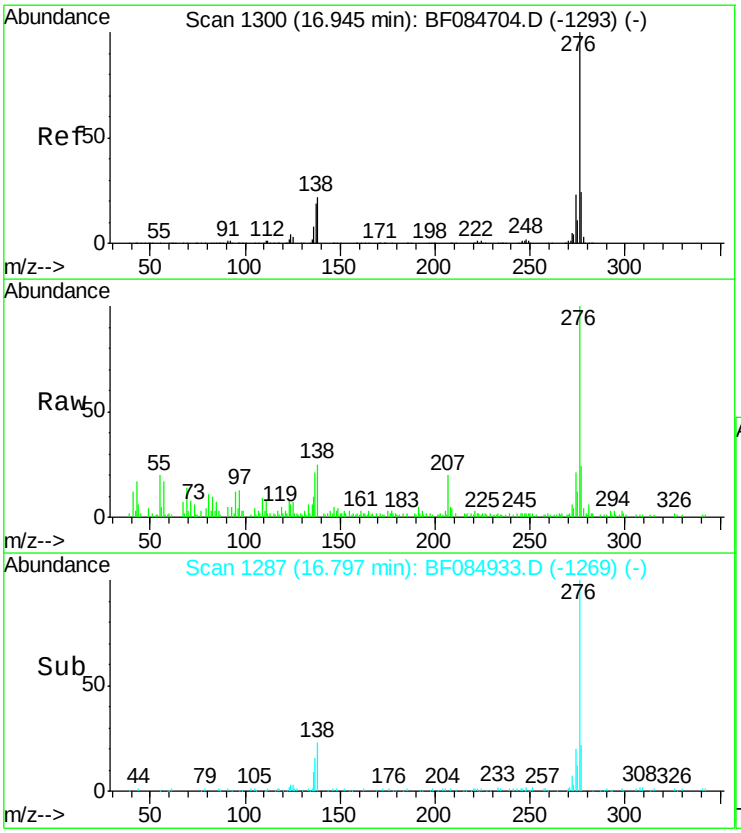
#89
Benzo(a)pyrene
Concen: 5.95 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:252 Resp: 105449

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.6	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 3.44 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF084933.D
Acq: 8 Feb 2016 17:23

Tgt Ion:276 Resp: 51677

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	24.7	17.8	26.6