Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084936.D
Acq On : 8 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1311-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B006(0-2)

Quant Time: Feb 09 02:37:00 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	177878	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	727406	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	322636	20.00	ng		-0.05
63) Phenanthrene-d10	11.16	188	517513	20.00	ng		-0.05
75) Chrysene-d12	13.79	240	362291	20.00	ng		-0.05
86) Perylene-d12	15.16	264	329264	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1036215	90.74	ng		-0.03
7) Phenol-d6	6.30	99	1276048	90.13	ng		-0.03
23) Nitrobenzene-d5	7.22	82	826367	64.00	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	318329	94.59	ng		-0.05
44) 2-Fluorobiphenyl	9.01	172	1072639	48.69	ng		-0.05
78) Terphenyl-d14	12.75	244	794847	49.72	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	113604	12.80	ng	#	70
49) Dimethylphthalate	9.41	163	247207	10.06	ng	#	90
56) 2,4-Dinitrotoluene	9.69	165	41264	6.03	ng	#	21
66) 4-Bromophenyl-phenylether	10.48	248	19371	3.39	ng	#	1
70) Phenanthrene	11.18	178	335626	11.69	ng		100
71) Anthracene	11.23	178	76150	2.63	ng		98
74) Fluoranthene	12.36	202	295590	10.17	ng		97
76) Benzidine	12.75	184	11480	7.49	ng	#	86
77) Pyrene	12.59	202	283179	10.21	ng		98
80) Benzo(a)anthracene	13.78	228	135465	6.02	ng		100
82) Chrysene	13.81	228	88029	4.04	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	51551	3.00	ng		96
87) Benzo(b)fluoranthene	14.79	252	160395	7.25	ng	#	95
88) Benzo(k)fluoranthene	14.79	252	160395	8.77	ng		99
89) Benzo(a)pyrene	15.11	252	91865	4.87	ng		96
91) Benzo(g,h,i)perylene	16.80	276	56208	3.52	ng		97

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

Quantitation Report (Not Reviewed)

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SUP-B006(0-2)

Quant Time: Feb 09 02:37:00 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
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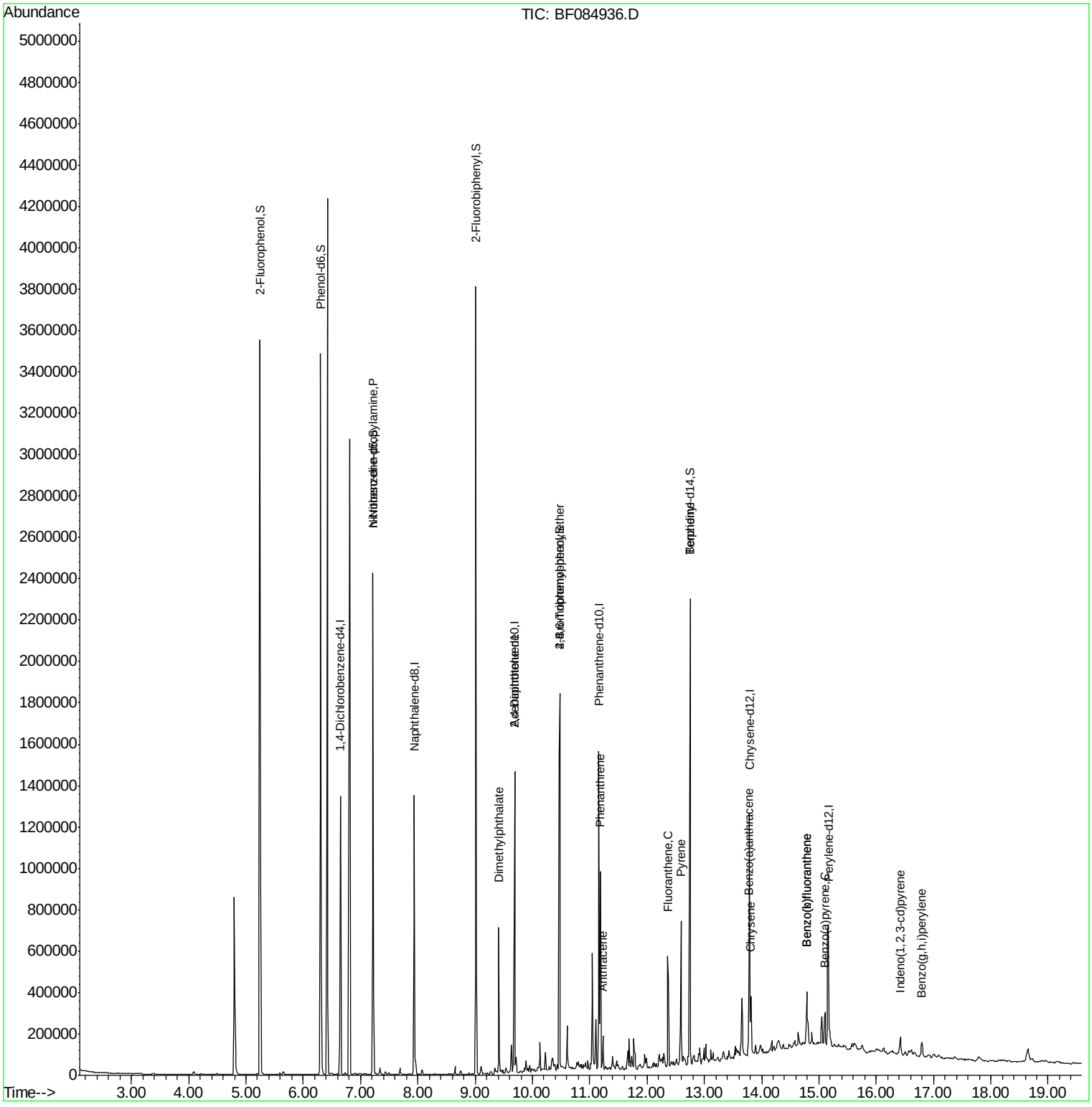
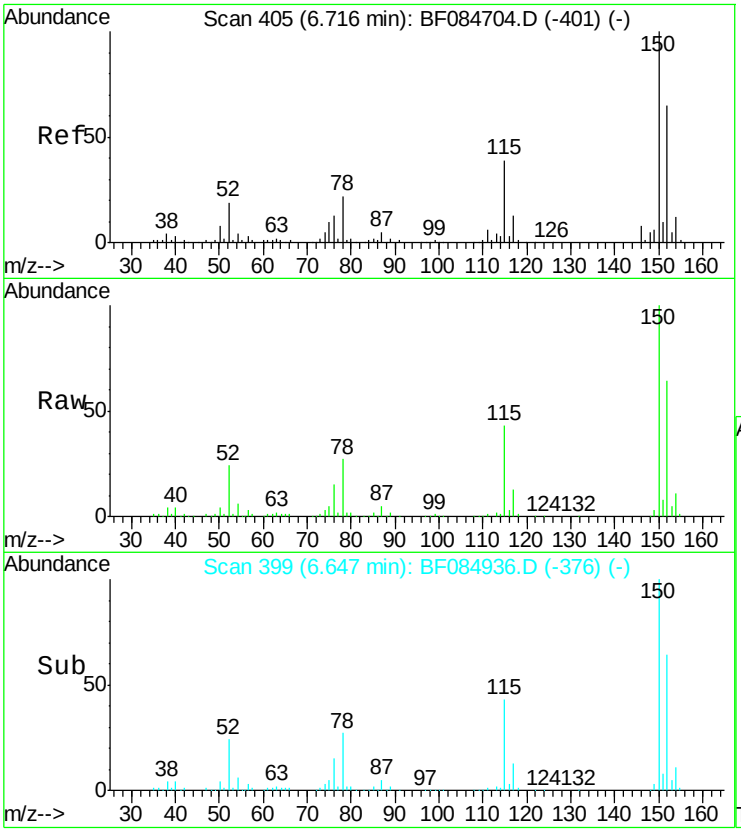


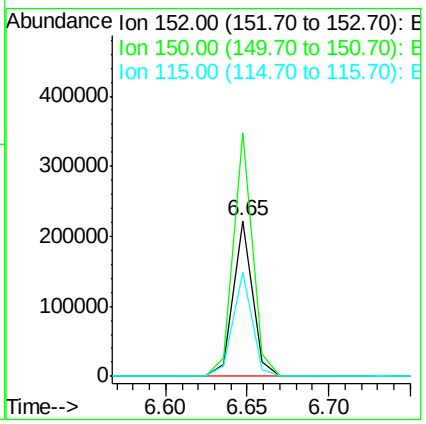


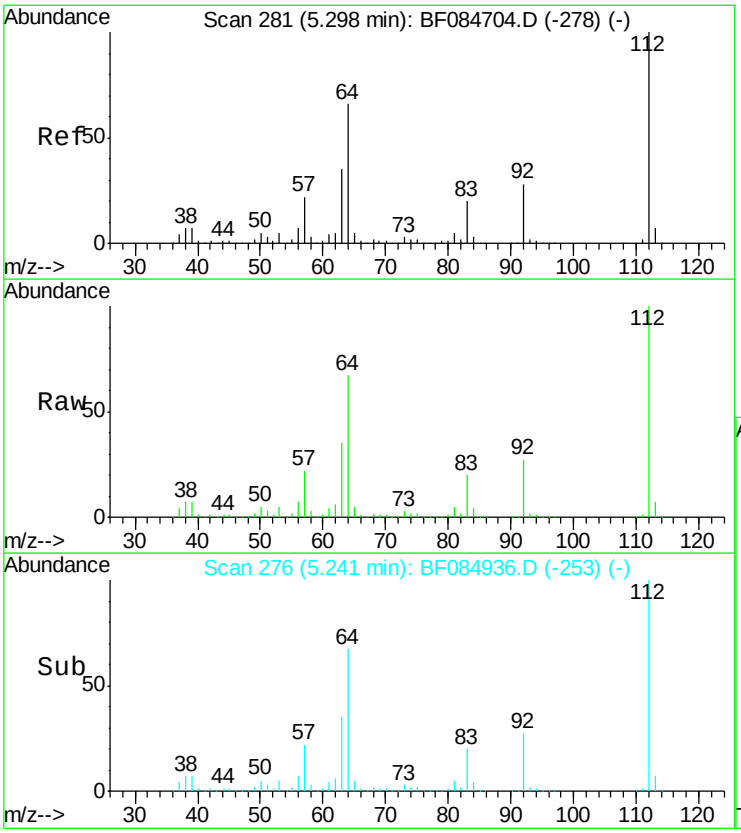
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:152 Resp: 177878

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	67.0	51.4	77.2

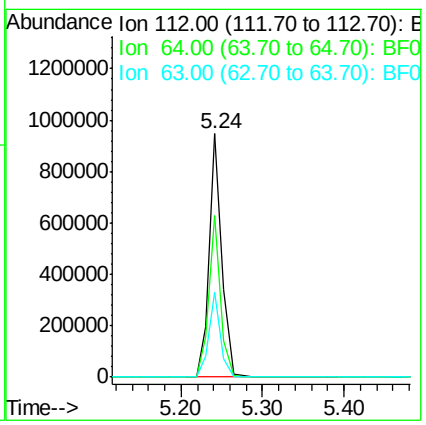


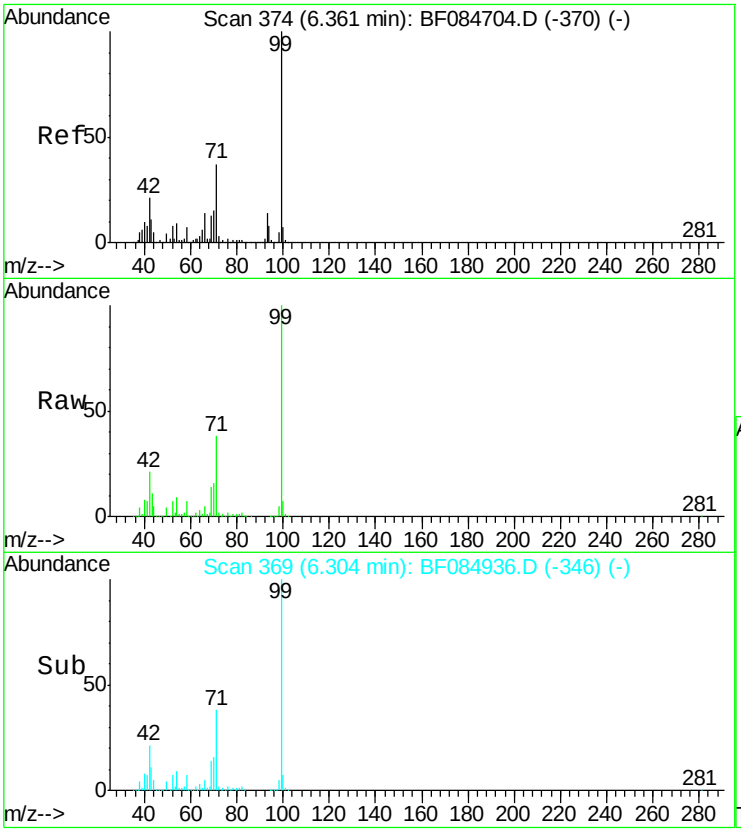


#5
2-Fluorophenol
Concen: 90.74 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:112 Resp: 1036215

Ion	Ratio	Lower	Upper
112	100		
64	66.6	36.6	55.0#
63	34.8	19.4	29.0#



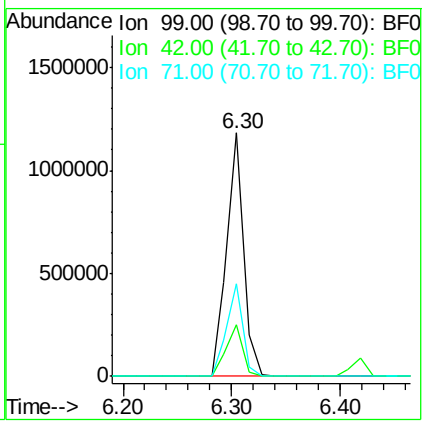


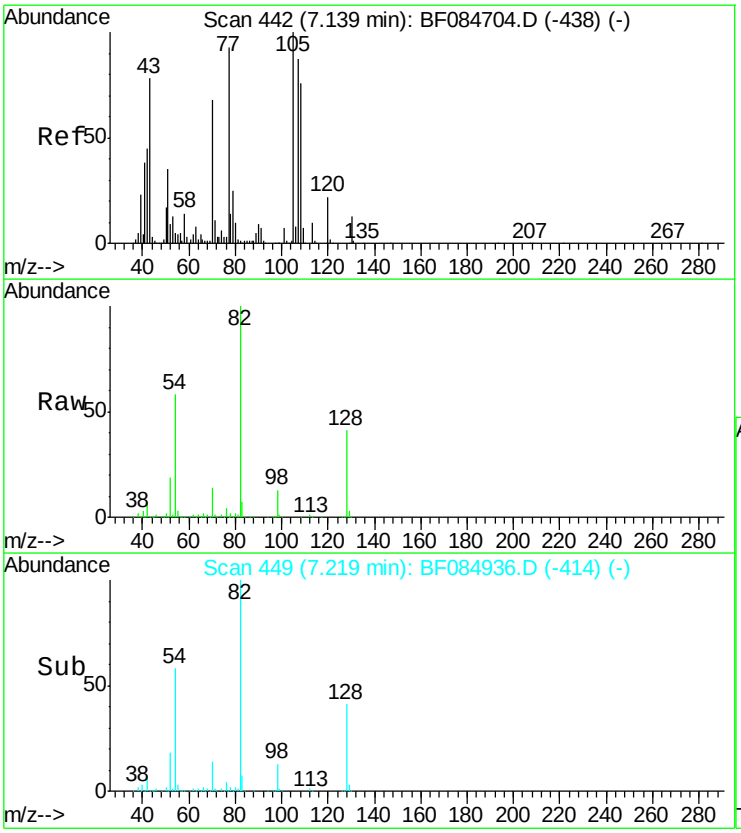
#7
Phenol-d6
Concen: 90.13 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion: 99 Resp: 1276048

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	38.0	30.9	46.3

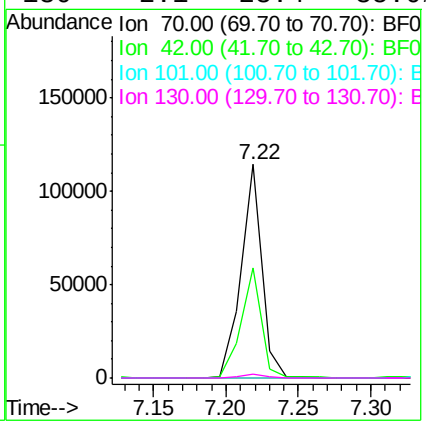


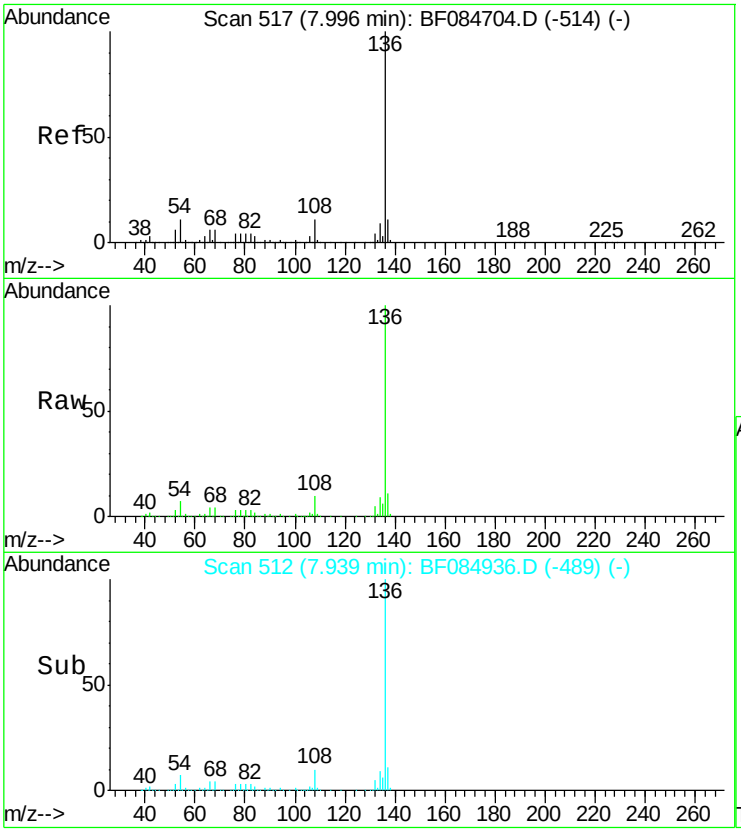


#19
n-Nitroso-di-n-propylamine
Concen: 12.80 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.10 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion: 70 Resp: 113604

Ion	Ratio	Lower	Upper
70	100		
42	51.5	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



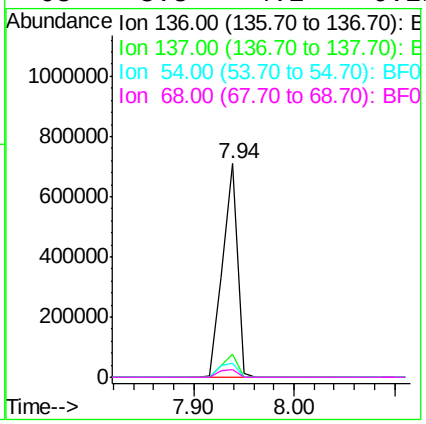


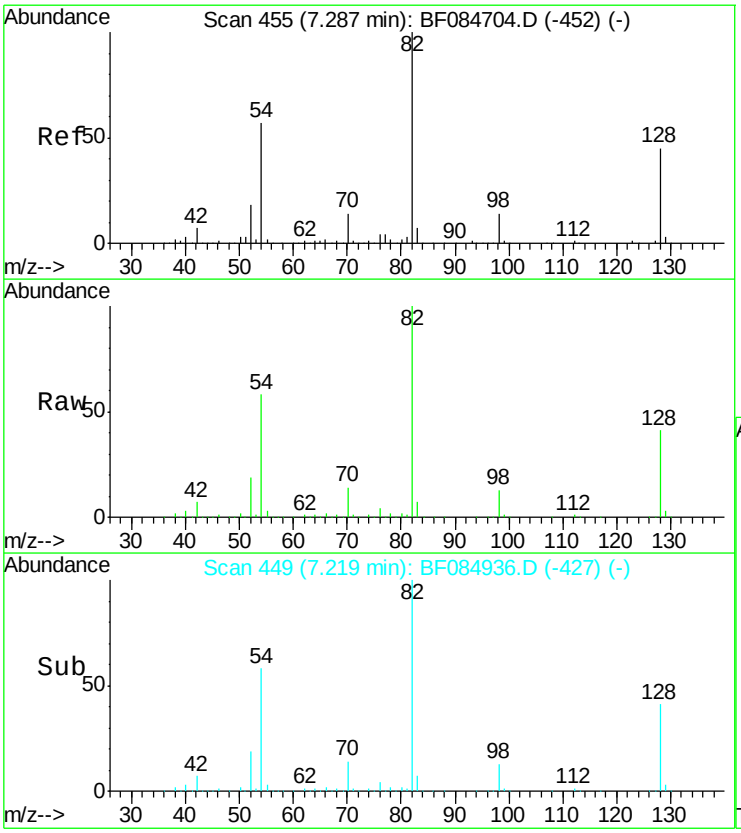
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:136 Resp: 727406

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#

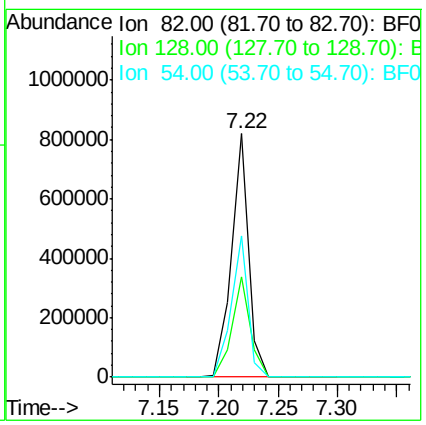


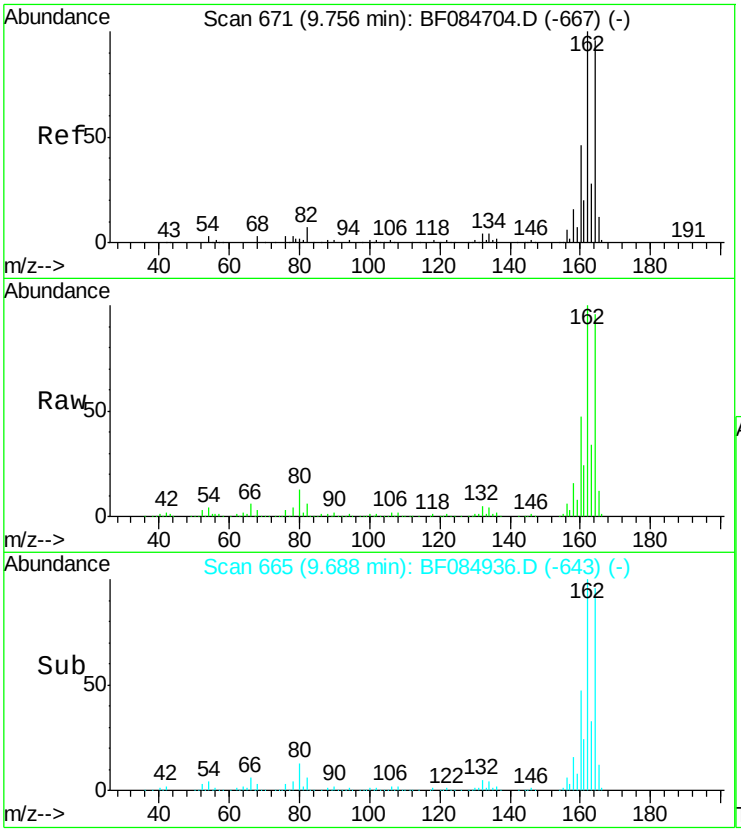


#23
Nitrobenzene-d5
Concen: 64.00 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion: 82 Resp: 826367

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	58.0	38.4	57.6#



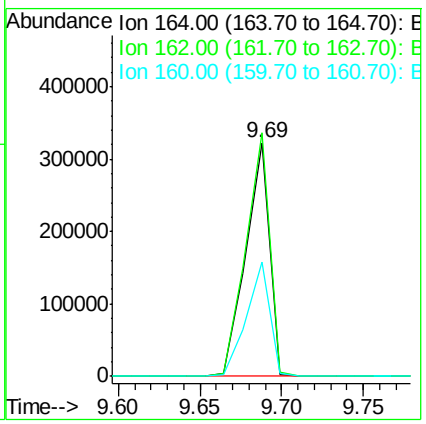


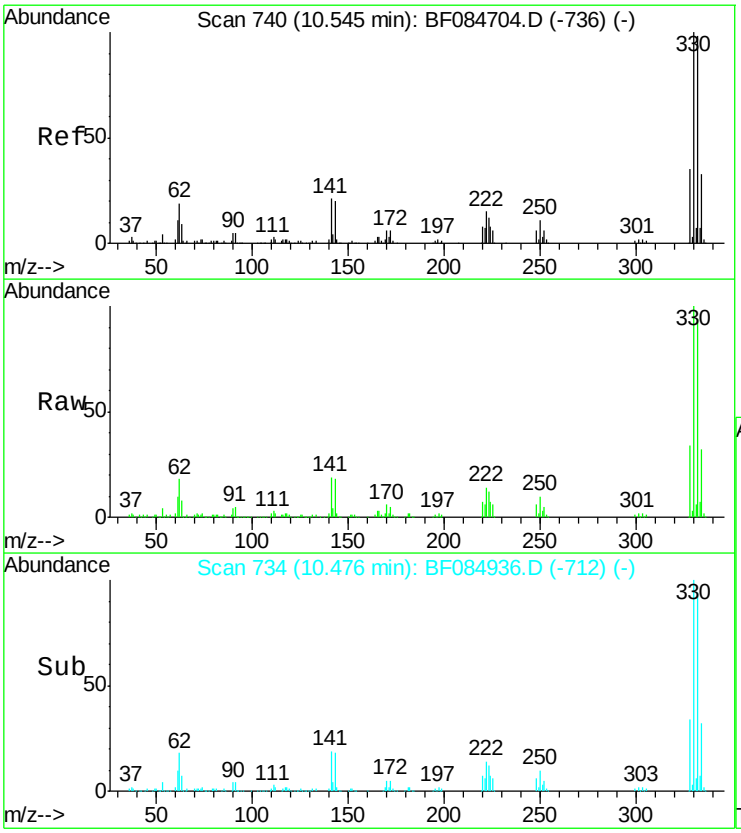
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:164 Resp: 322636

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	49.2	37.5	56.3

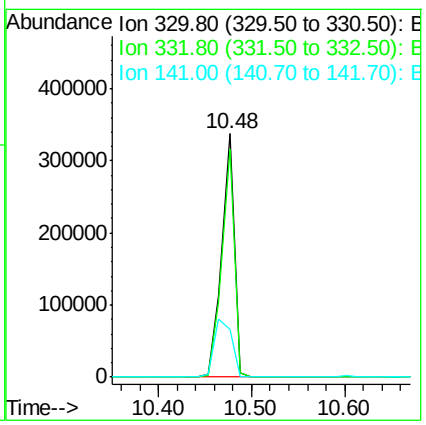


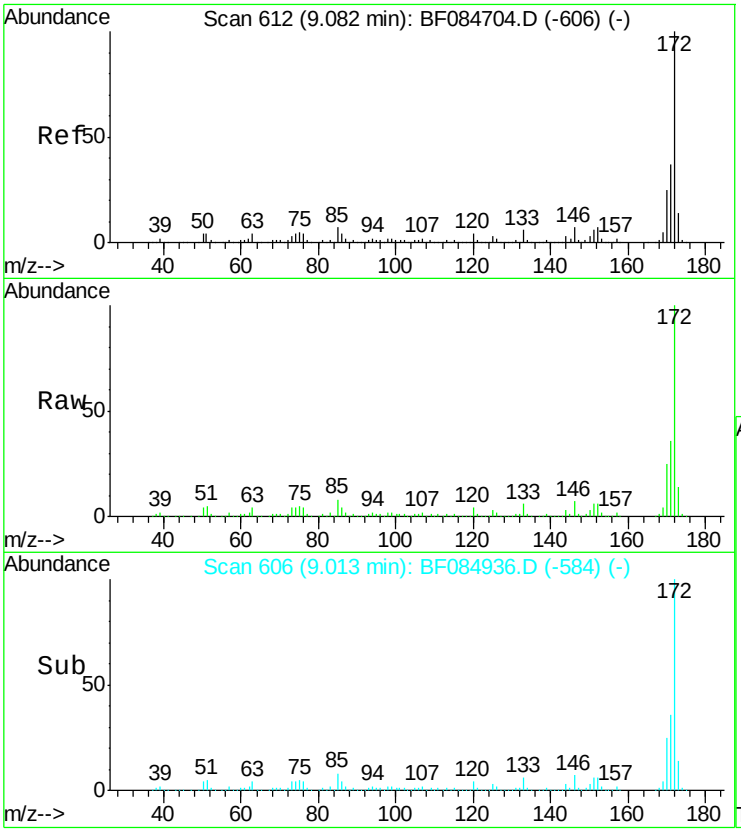


#41
2,4,6-Tribromophenol
Concen: 94.59 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:330 Resp: 318329

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.6	114.8
141	33.5	27.8	41.6



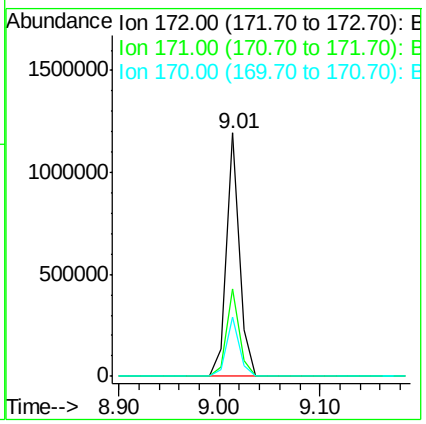


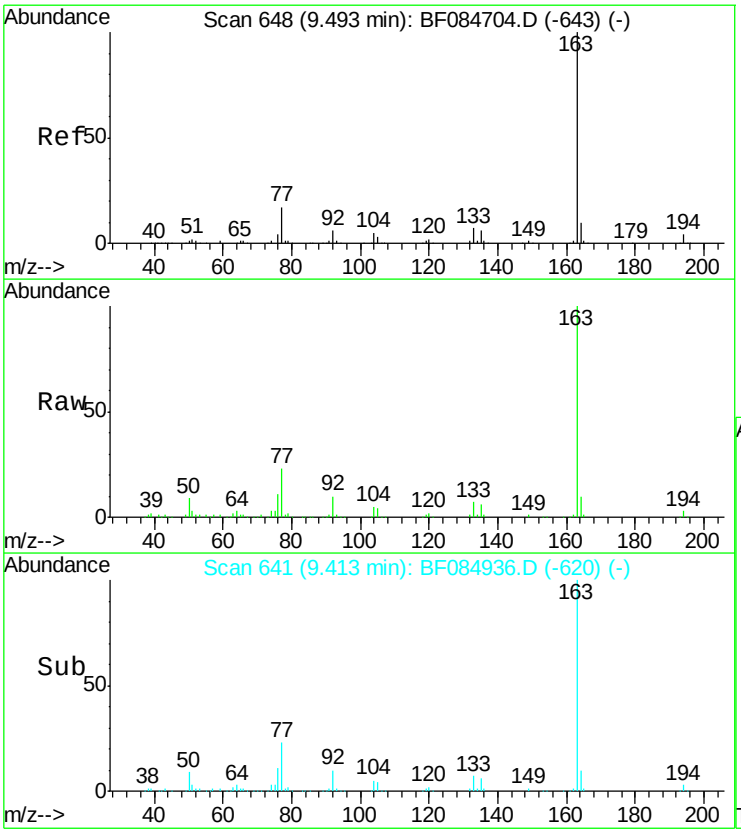
#44
2-Fluorobiphenyl
Concen: 48.69 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:172 Resp: 1072639

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.5	18.6	27.8

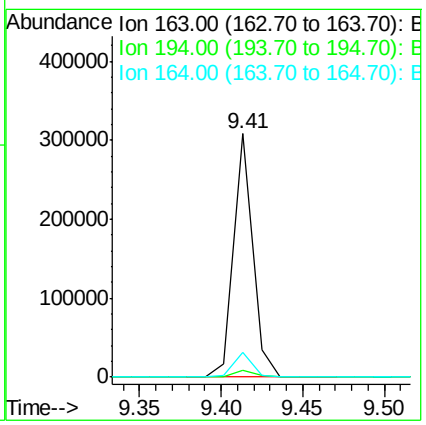


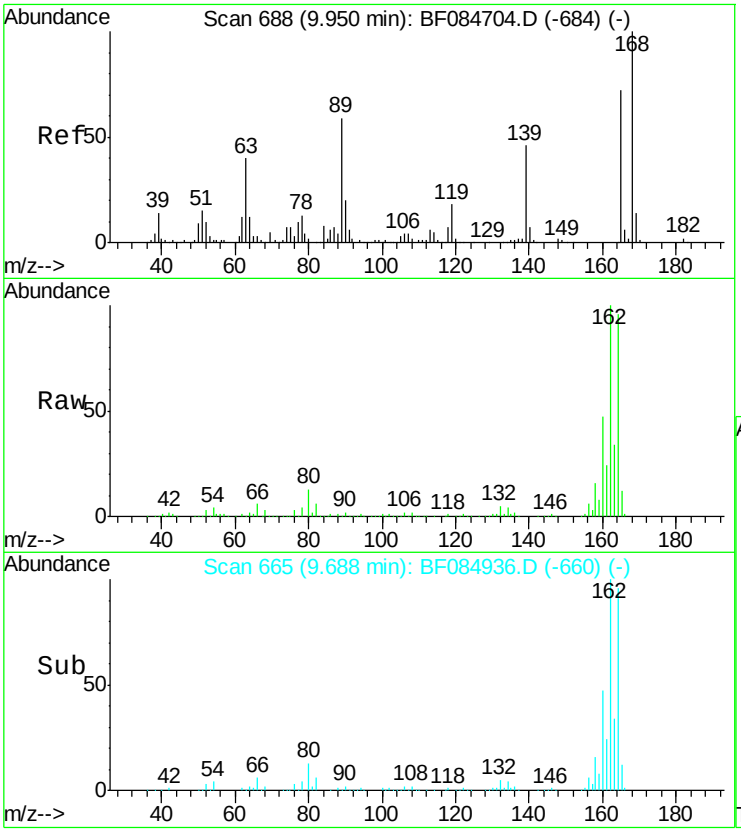


#49
Dimethylphthalate
Concen: 10.06 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:163 Resp: 247207

Ion	Ratio	Lower	Upper
163	100		
194	2.8	8.0	12.0#
164	10.1	8.0	12.0



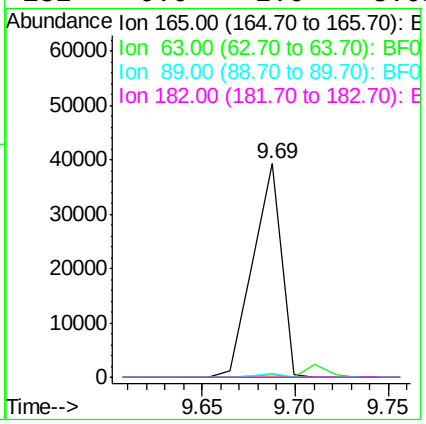


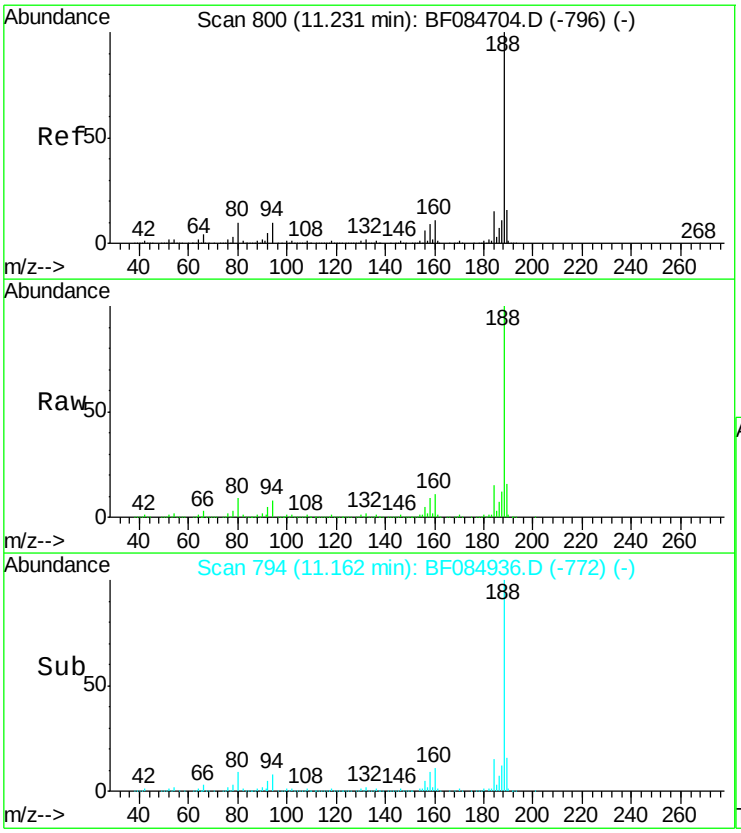
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.24 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:165 Resp: 41264

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#

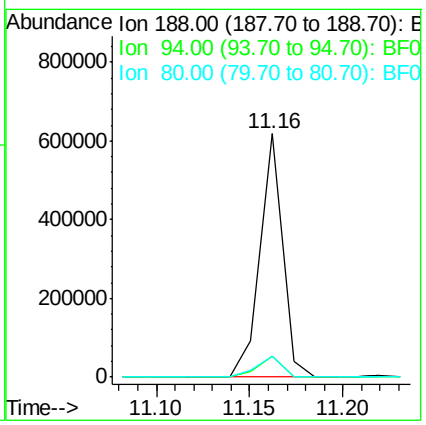


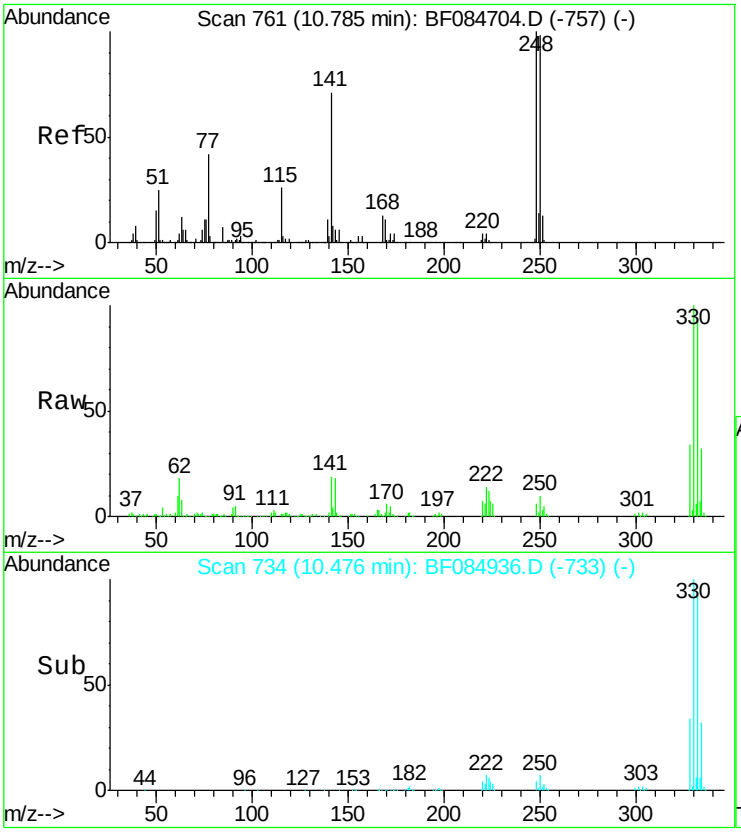


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:188 Resp: 517513

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.8	9.6	14.4#



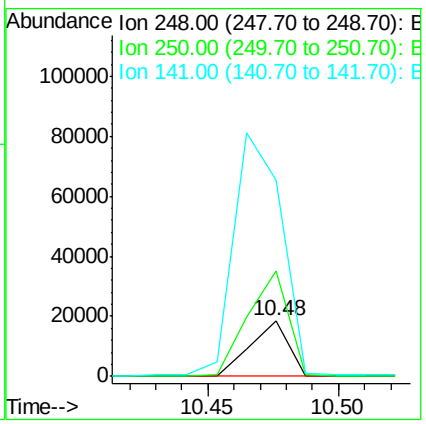


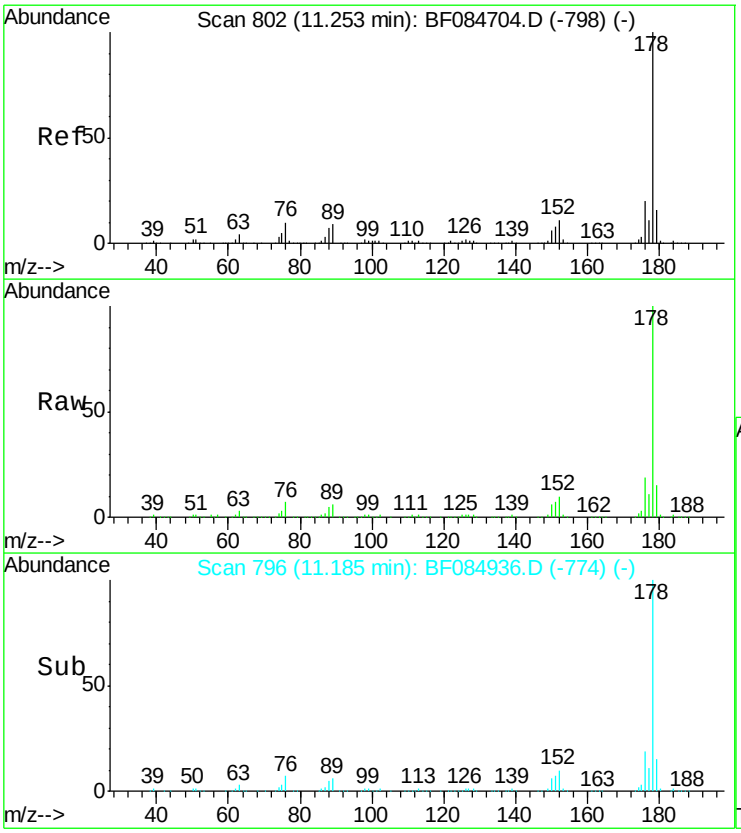
#66
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.29 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:248 Resp: 19371

Ion	Ratio	Lower	Upper
248	100		
250	189.3	78.4	117.6#
141	351.4	44.0	66.0#

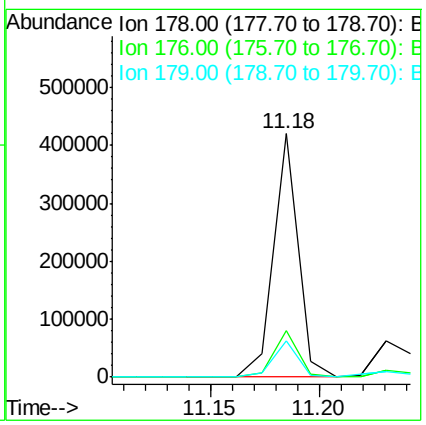


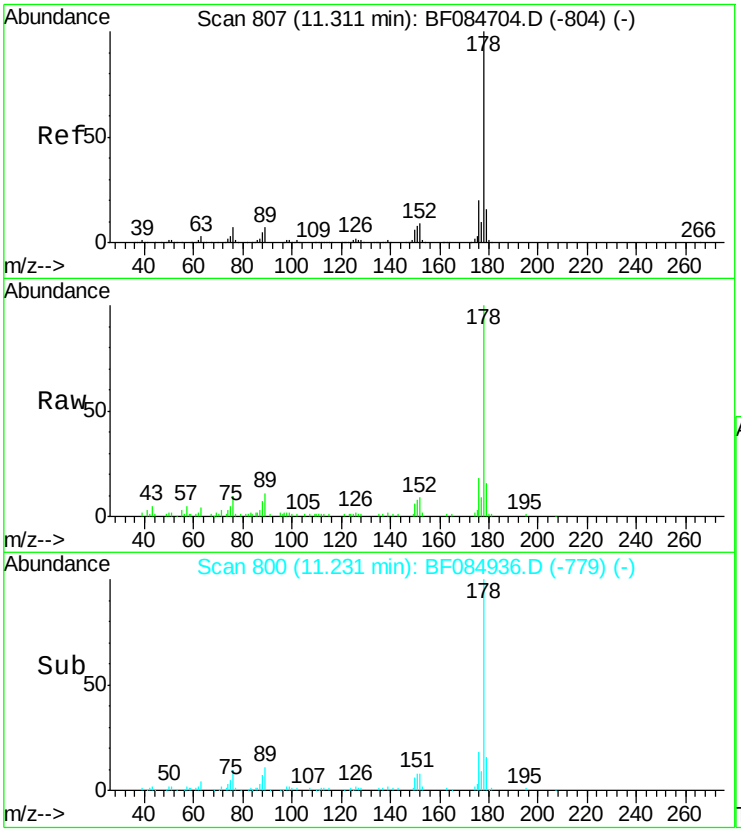


#70
Phenanthrene
Concen: 11.69 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:178 Resp: 335626

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.0	12.0	18.0



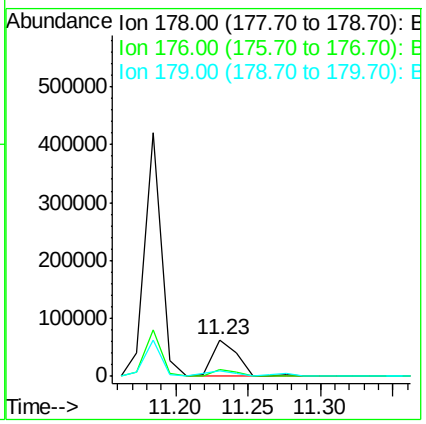


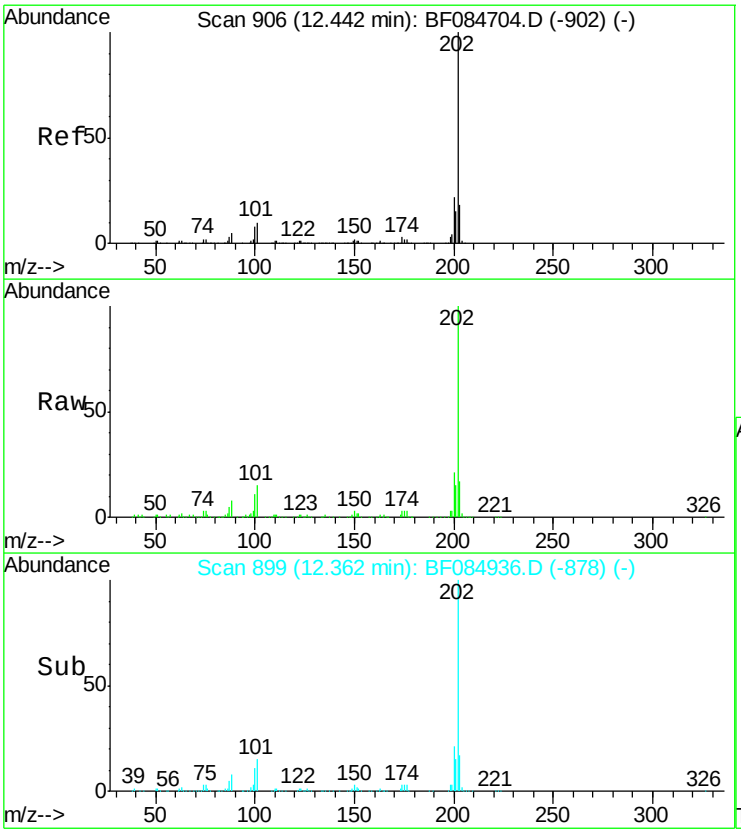
#71
Anthracene
Concen: 2.63 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:178 Resp: 76150

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.7	12.5	18.7

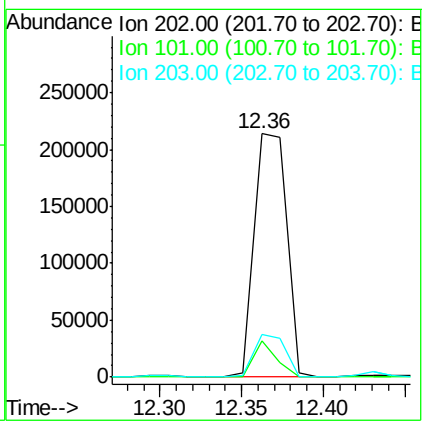


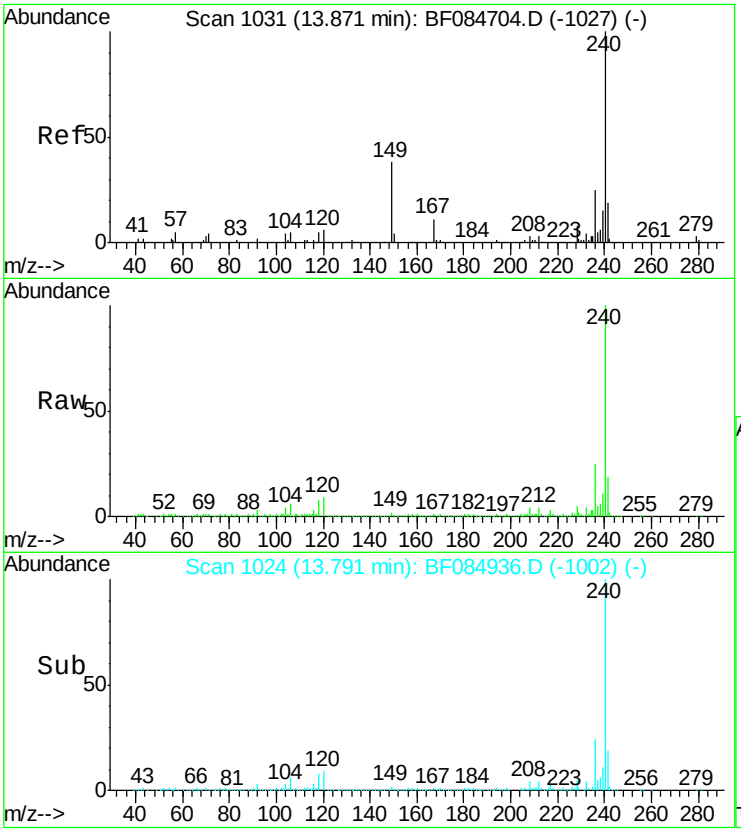


#74
Fluoranthene
Concen: 10.17 ng
RT: 12.36 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:202 Resp: 295590

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	32.8
203	17.4	0.0	37.9



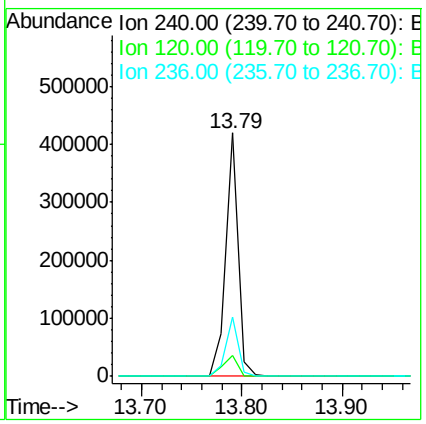


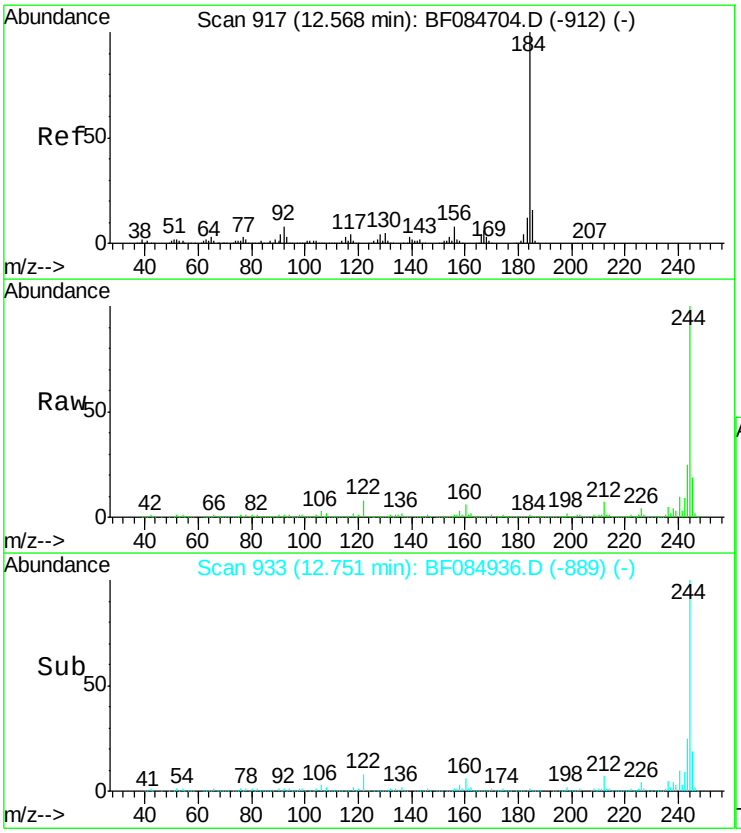
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:240 Resp: 362291

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	24.6	20.6	31.0

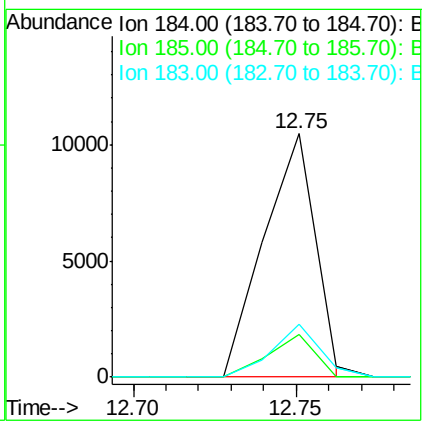


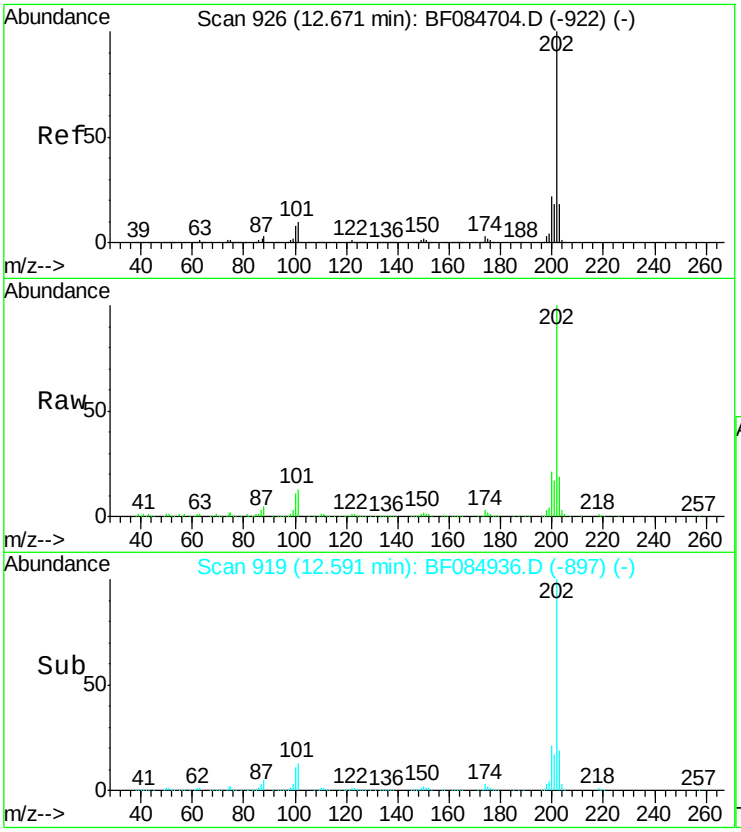


#76
Benzidine
Concen: 7.49 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.21 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:184 Resp: 11480

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.2	18.2
183	21.5	9.8	14.8#



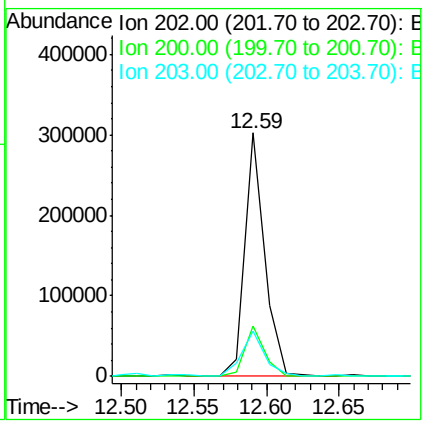


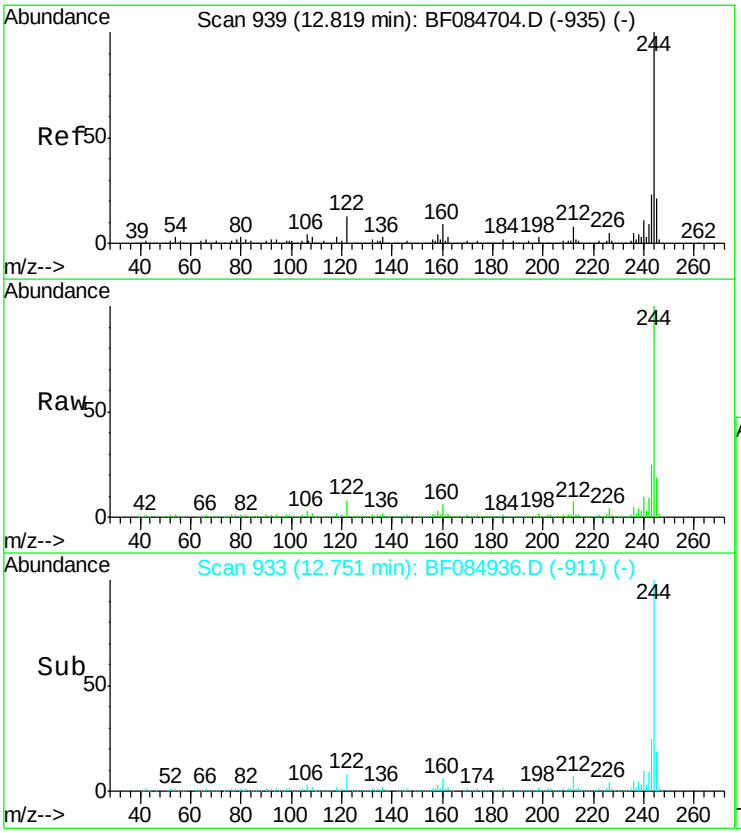
#77
Pyrene
Concen: 10.21 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:202 Resp: 283179

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	18.8	14.3	21.5

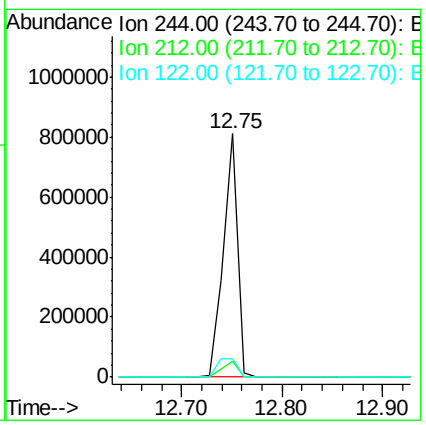


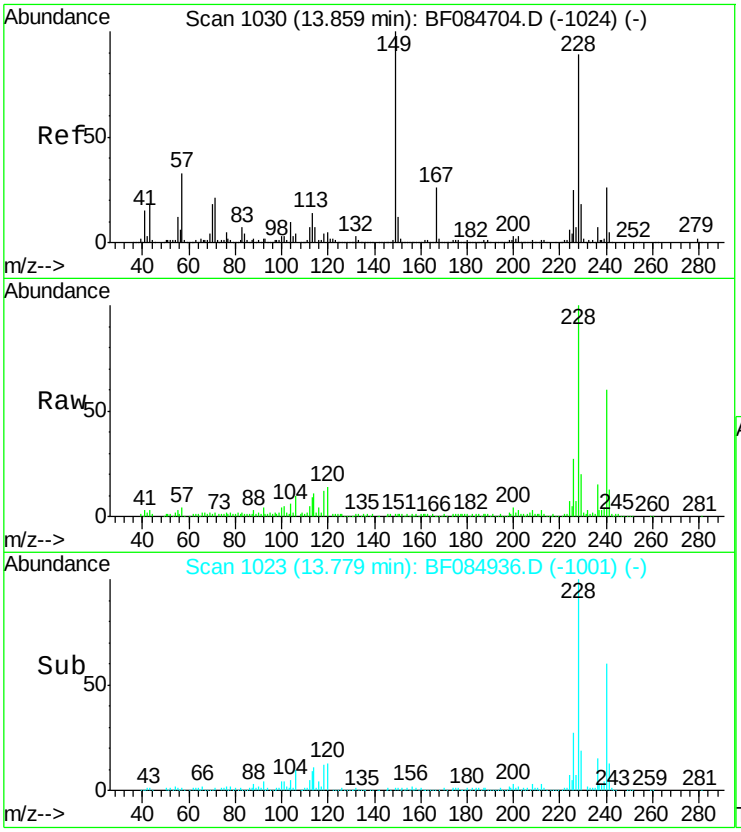


#78
Terphenyl-d14
Concen: 49.72 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:244 Resp: 794847

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.7	7.4	11.0



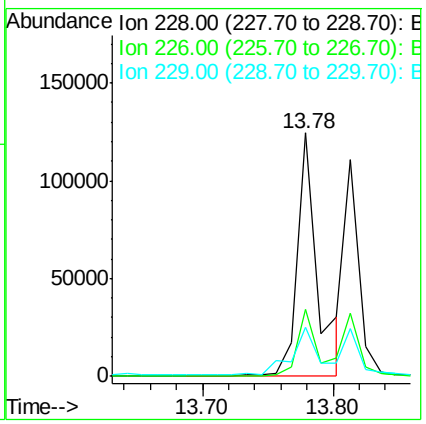


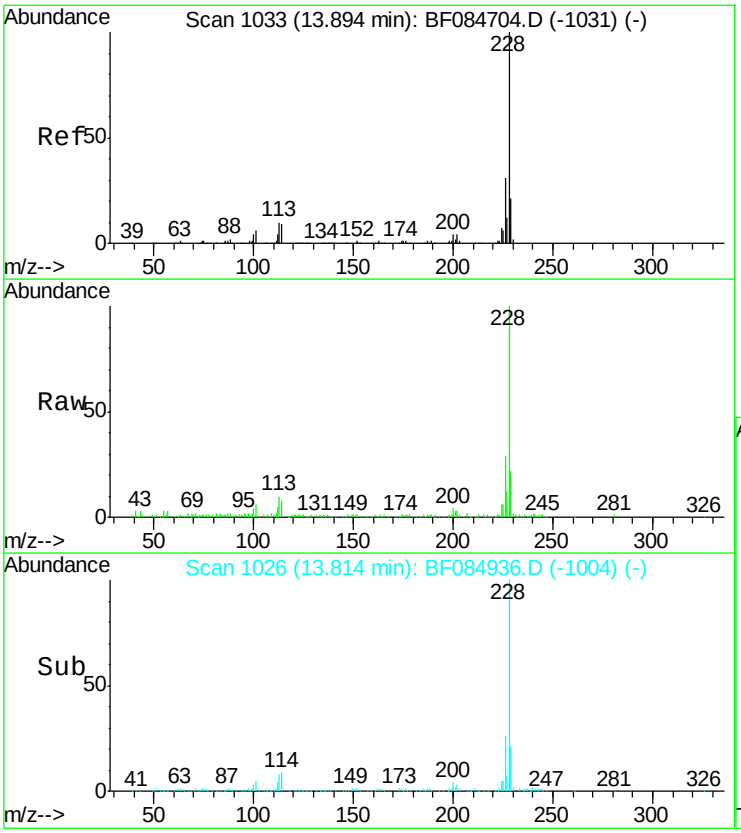
#80
Benzo(a)anthracene
Concen: 6.02 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:228 Resp: 135465

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.0	15.8	23.8

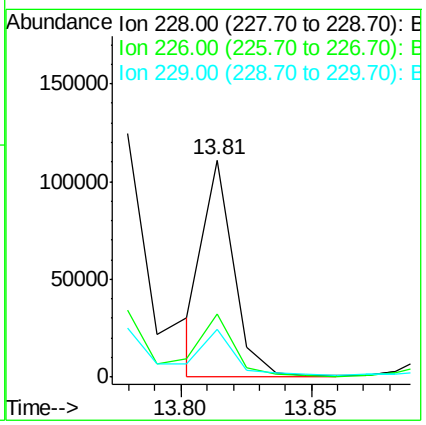


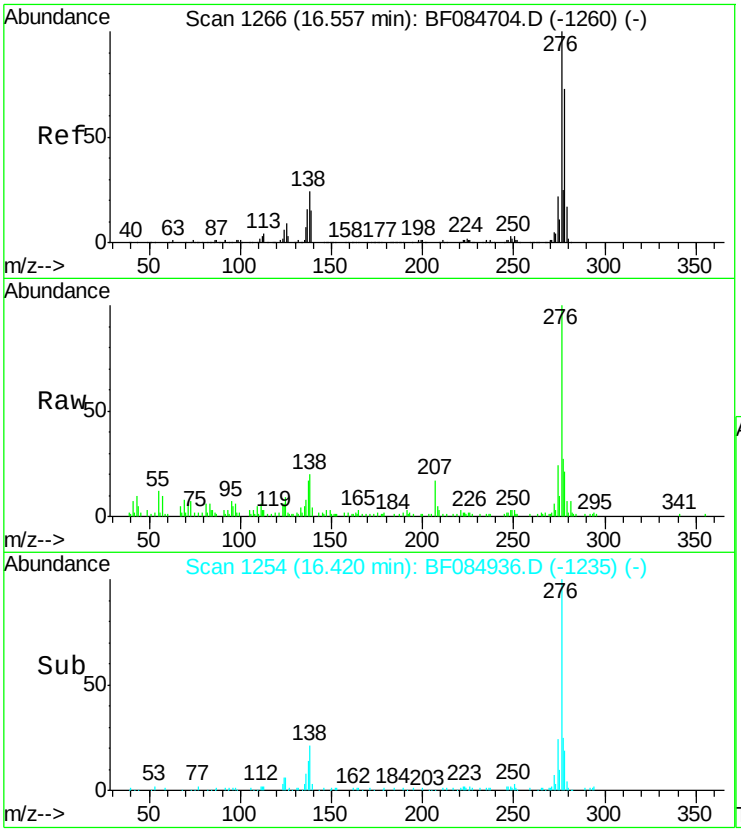


#82
Chrysene
Concen: 4.04 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:228 Resp: 88029

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	21.8	16.1	24.1



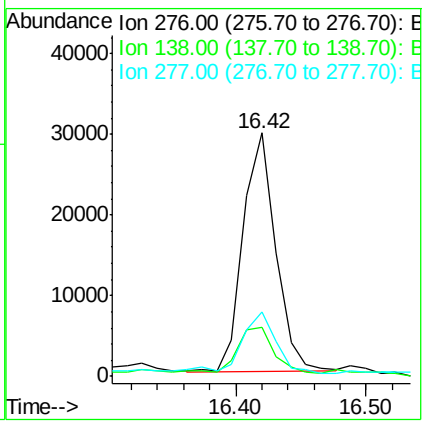


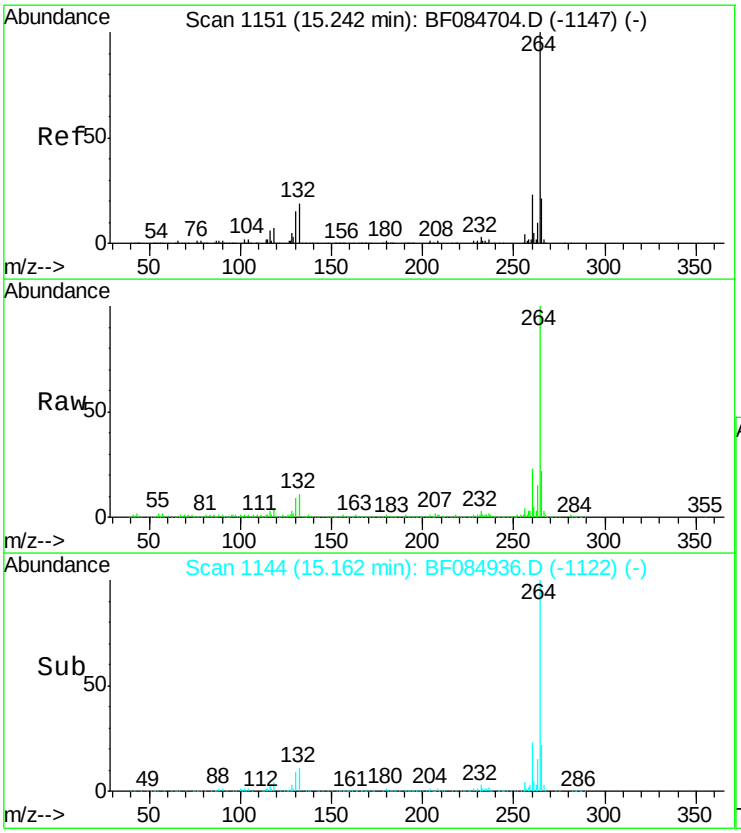
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.08 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:276 Resp: 51551

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	29.2	20.1	30.1

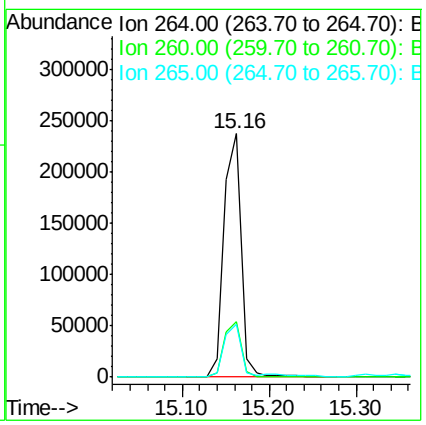


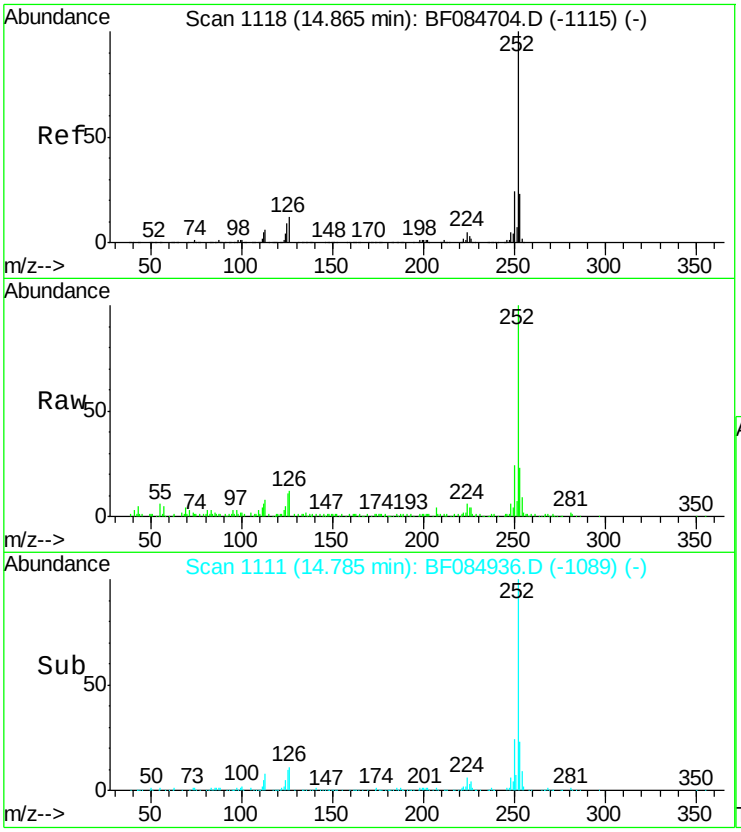


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:264 Resp: 329264

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	22.0	17.8	26.6



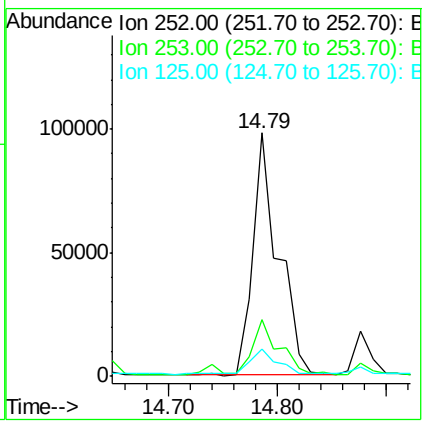


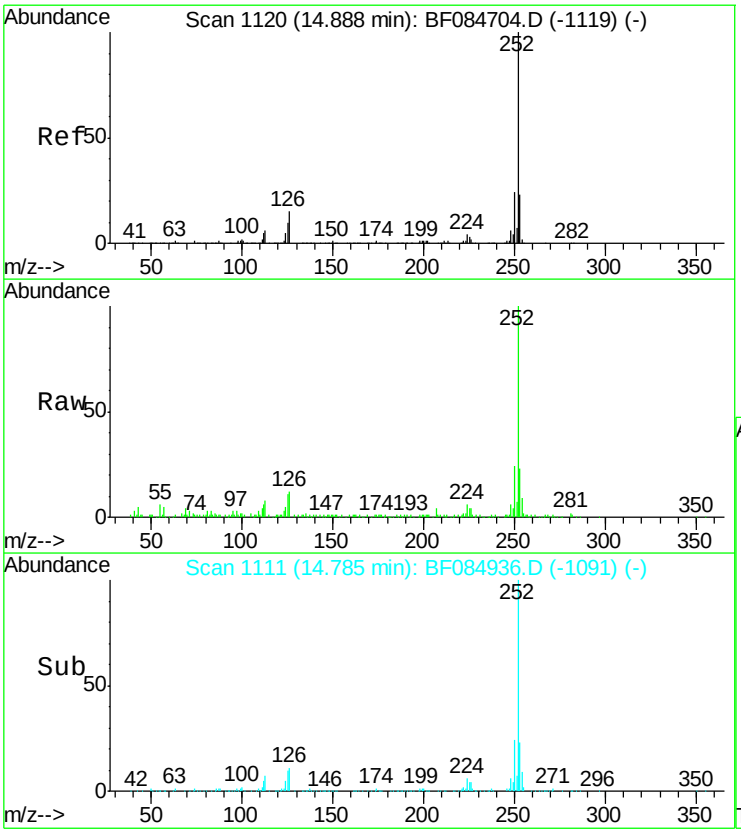
#87
Benzo(b)fluoranthene
Concen: 7.25 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:252 Resp: 160395

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.3	6.5	9.7#

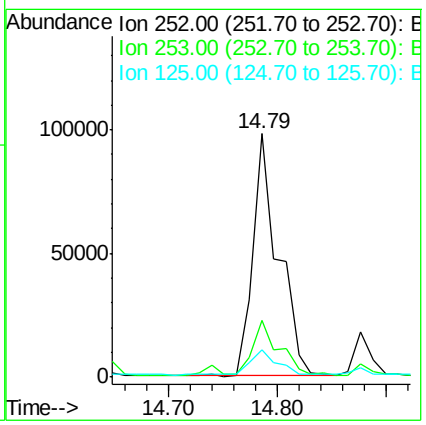


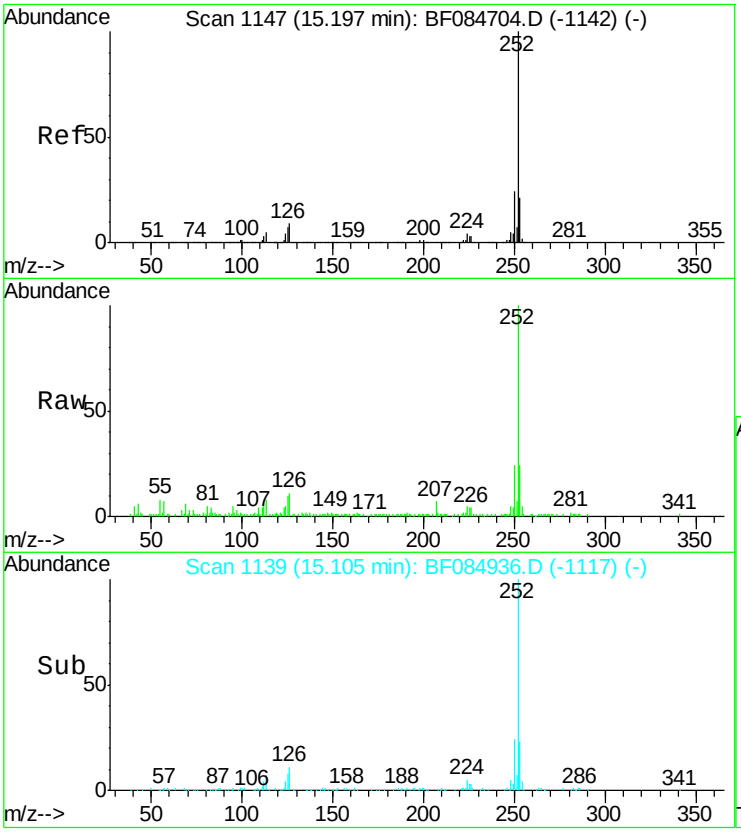


#88
Benzo(k)fluoranthene
Concen: 8.77 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.07 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:252 Resp: 160395

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.3	9.0	13.6



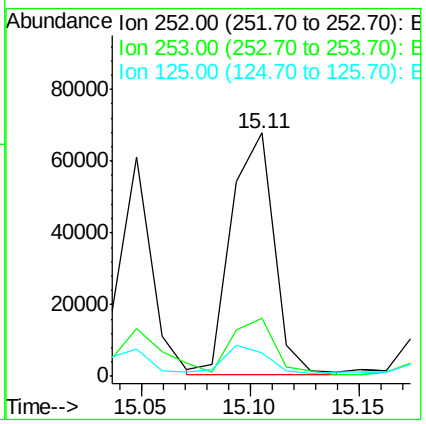


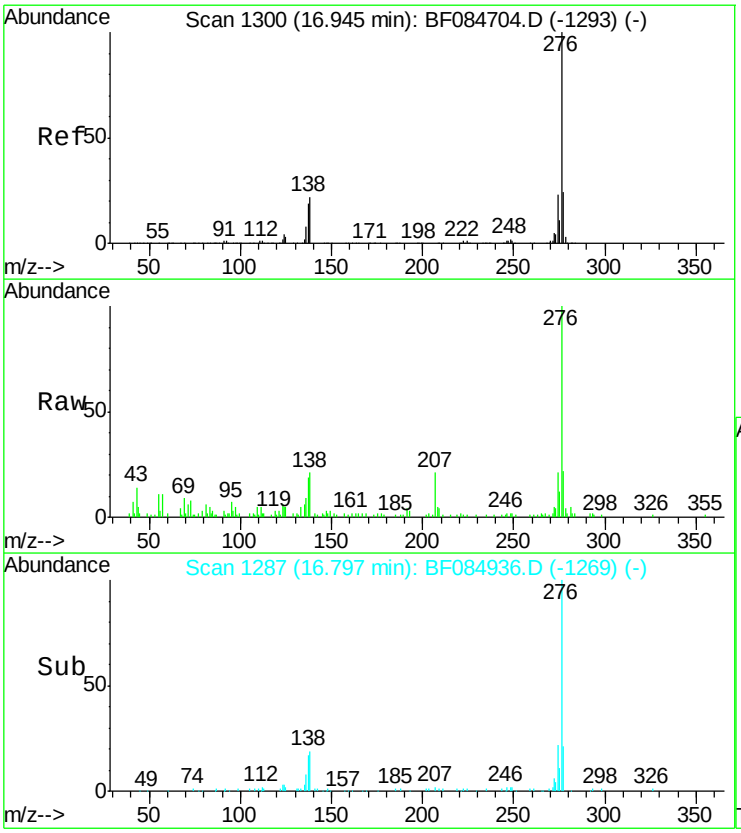
#89
Benzo(a)pyrene
Concen: 4.87 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:252 Resp: 91865

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	9.7	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 3.52 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:276 Resp: 56208

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	20.7	17.8	26.6