Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084741.D
Acq On : 2 Feb 2016 6:04
Operator : SJ/IZ
Sample : H1285-22 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(5-7)

Quant Time: Feb 02 06:36:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168086	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	675012	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	299673	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	545015	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	337297	20.00	ng		-0.01
86) Perylene-d12	15.24	264	346180	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	281501	26.09	ng		-0.01
7) Phenol-d6	6.36	99	375599	28.08	ng		-0.01
23) Nitrobenzene-d5	7.28	82	223058	18.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	64004	20.48	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	341658	14.23	ng		-0.01
78) Terphenyl-d14	12.81	244	237597	15.96	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	29297	3.49	ng	#	70
25) Isophorone	7.28	82	203590	8.74	ng	#	66
31) Naphthalene	8.02	128	111794	3.30	ng		97
48) Acenaphthylene	9.61	152	75054	2.51	ng		98
49) Dimethylphthalate	9.48	163	45845	2.01	ng	#	91
50) 2,6-Dinitrotoluene	9.74	165	39744	7.97	ng	#	38
55) 4-Nitrophenol	9.95	139	13084	3.18	ng	#	14
56) 2,4-Dinitrotoluene	9.74	165	39744	6.25	ng	#	22
57) Fluorene	10.29	166	40008	2.01	ng		99
70) Phenanthrene	11.25	178	477424	15.79	ng		99
71) Anthracene	11.30	178	98510	3.23	ng		98
74) Fluoranthene	12.44	202	421056	13.76	ng		93
76) Benzidine	12.76	184	311	6.91	ng	#	1
77) Pyrene	12.66	202	371806	14.40	ng		99
80) Benzo(a)anthracene	13.88	228	117452	5.61	ng		95
82) Chrysene	13.88	228	116421	5.73	ng		97
85) Indeno(1,2,3-cd)pyrene	16.55	276	155499	9.73	ng	#	92
87) Benzo(b)fluoranthene	14.87	252	237461	10.21	ng	#	97
88) Benzo(k)fluoranthene	14.87	252	237461	12.35	ng		99
89) Benzo(a)pyrene	15.19	252	151282	7.63	ng	#	95
90) Dibenzo(a,h)anthracene	16.56	278	36308	2.18	ng	#	89
91) Benzo(g,h,i)perylene	16.93	276	178019	10.59	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Feb 2016 6:04
Operator : SJ/IZ
Sample : H1285-22 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Quant Time: Feb 02 06:36:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
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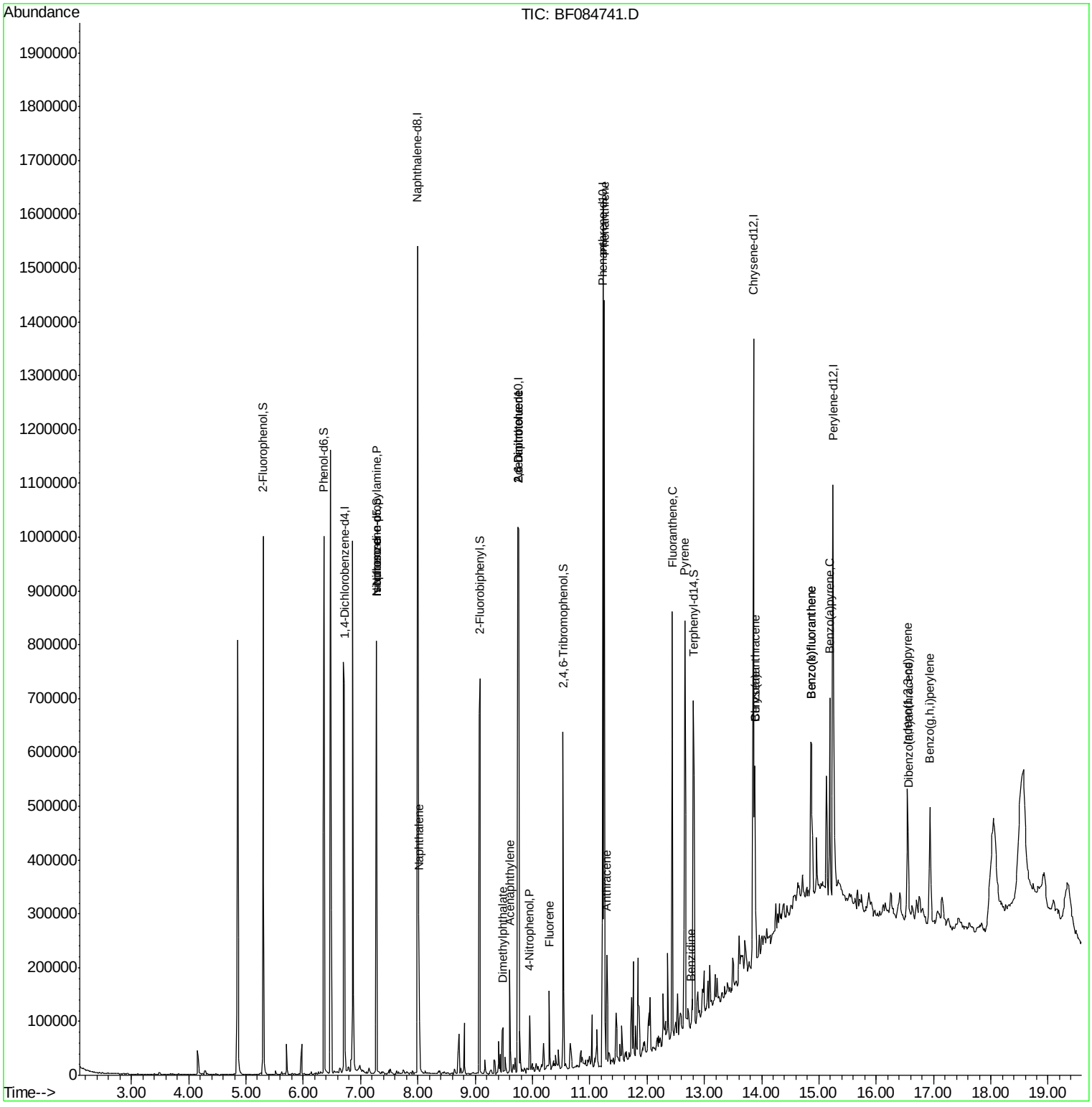
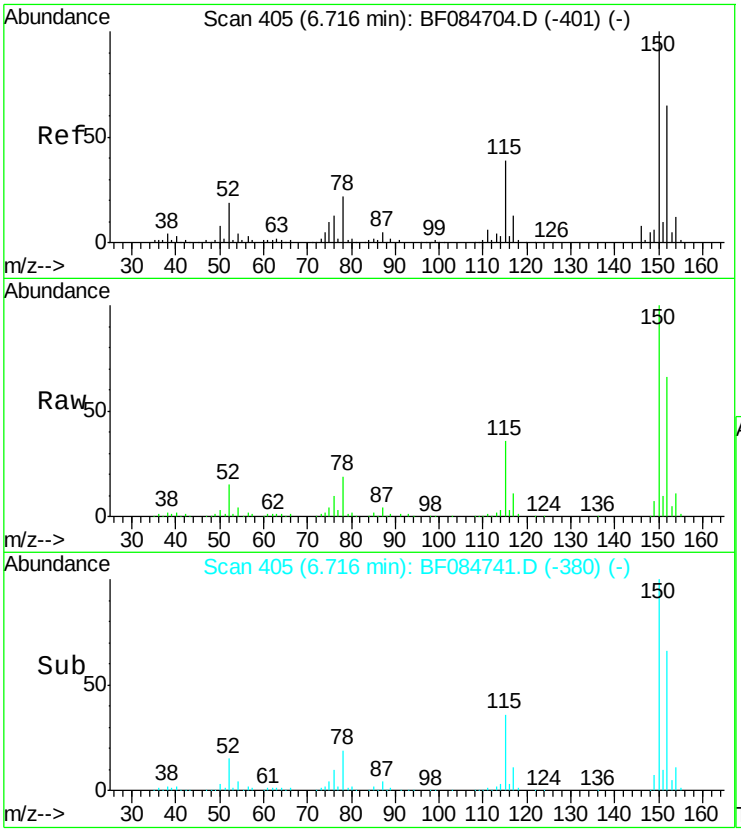


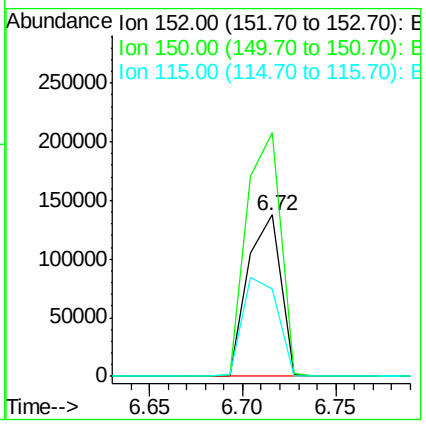


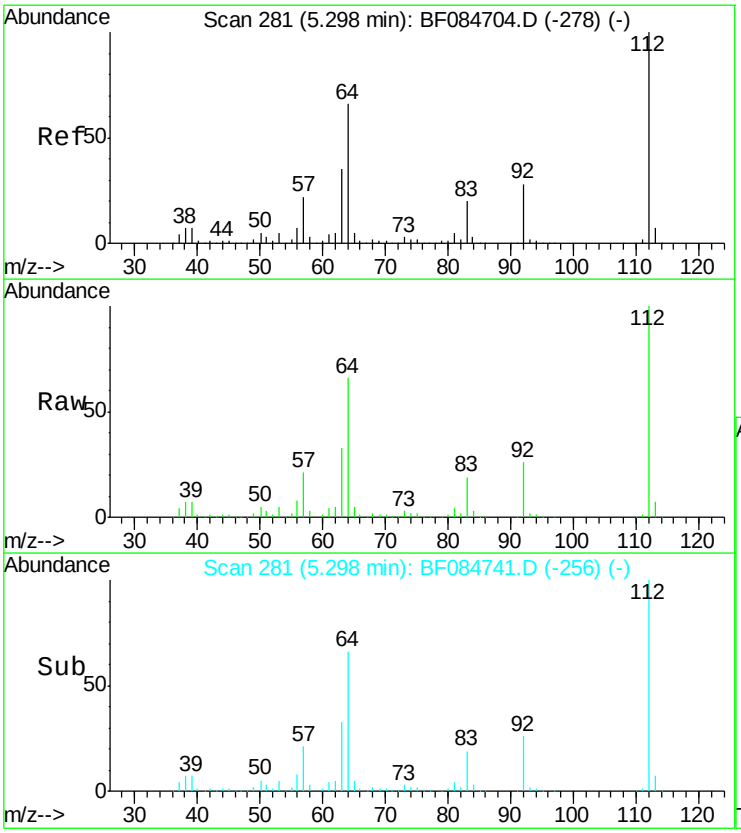
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:152 Resp: 168086

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.0	184.4
115	54.5	51.4	77.2

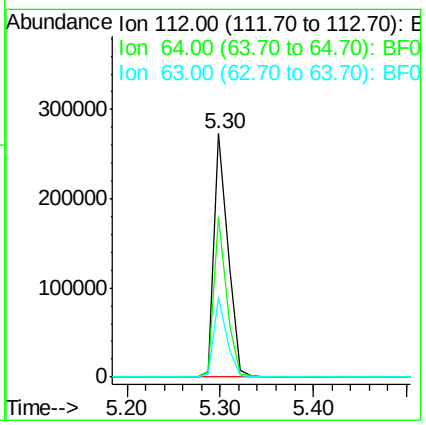


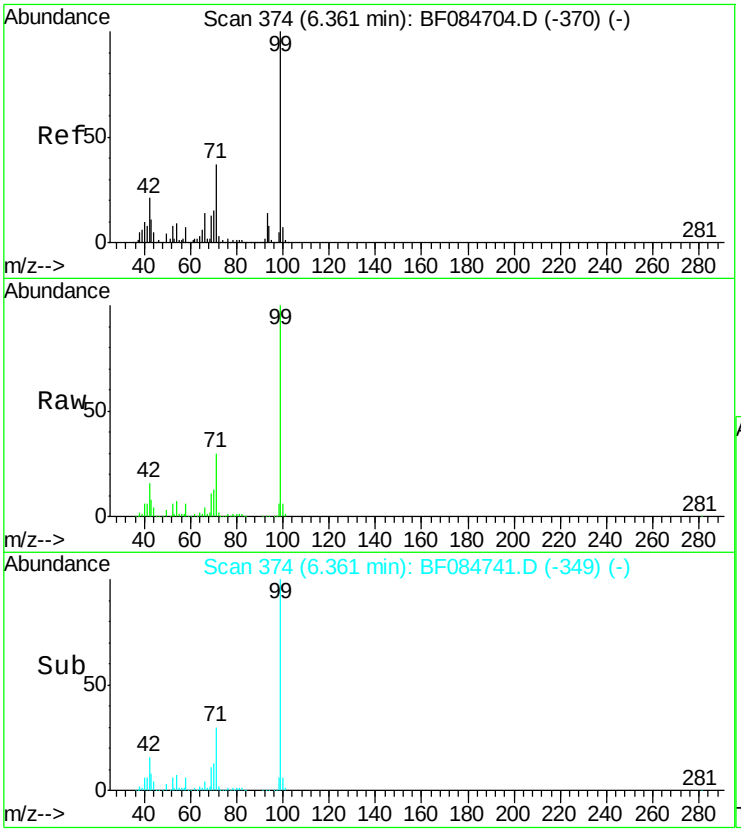


#5
2-Fluorophenol
Concen: 26.09 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:112 Resp: 281501

Ion	Ratio	Lower	Upper
112	100		
64	66.1	36.6	55.0#
63	32.9	19.4	29.0#



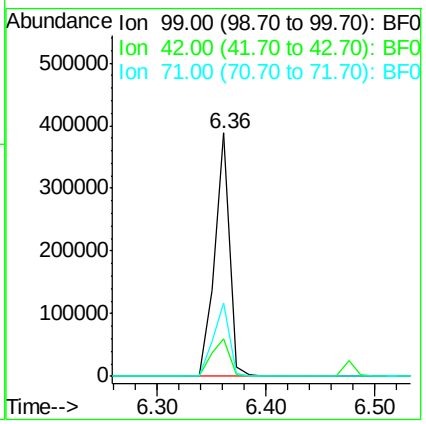


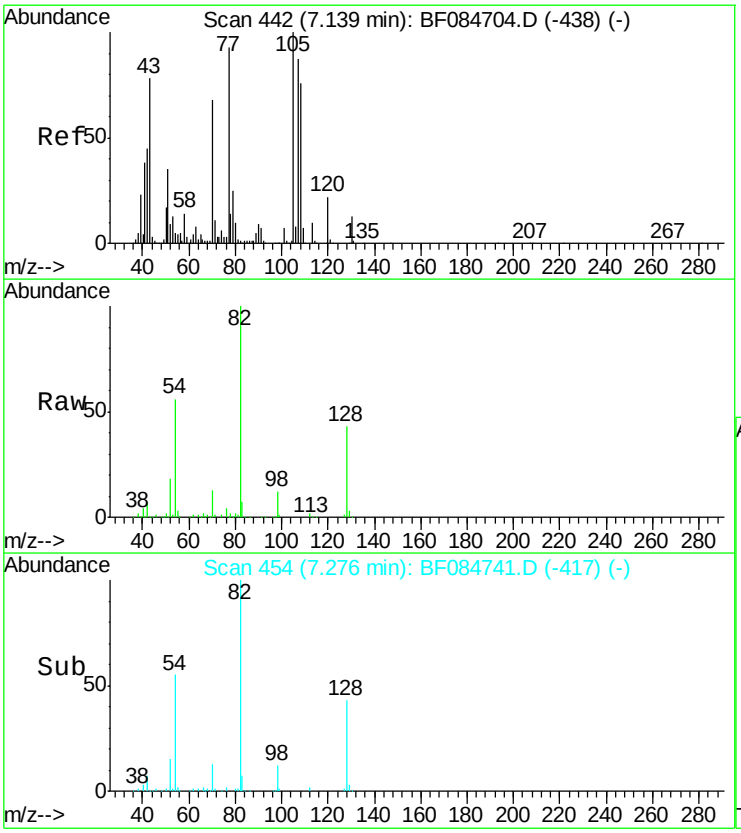
#7
Phenol-d6
Concen: 28.08 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion: 99 Resp: 375599

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	30.4	30.9	46.3#

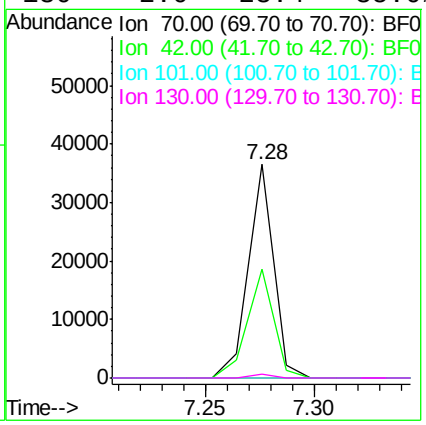


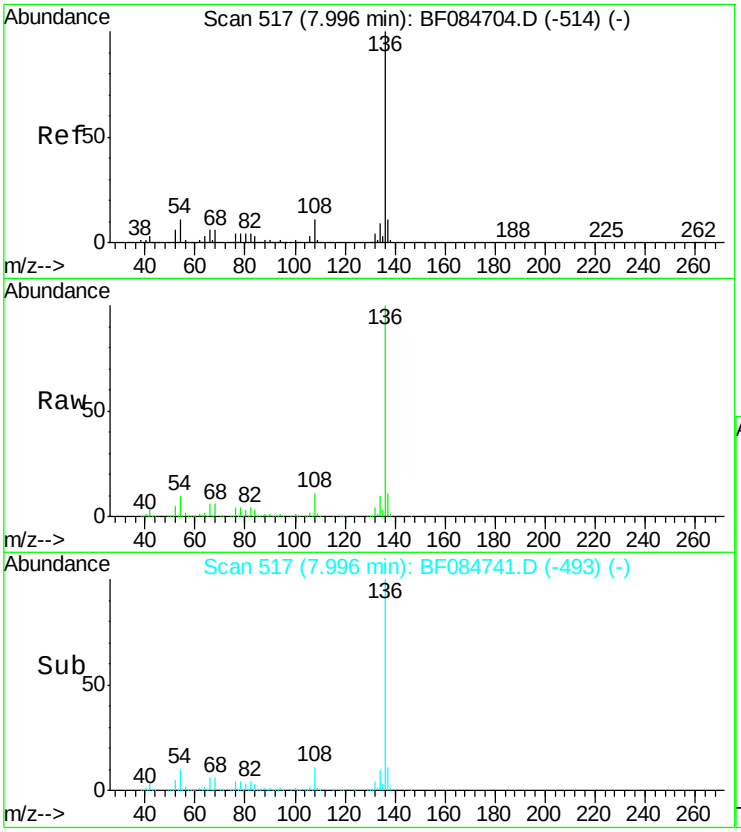


#19
n-Nitroso-di-n-propylamine
Concen: 3.49 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion: 70 Resp: 29297

Ion	Ratio	Lower	Upper
70	100		
42	50.9	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



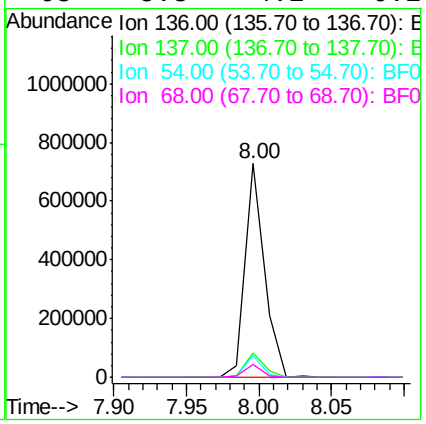


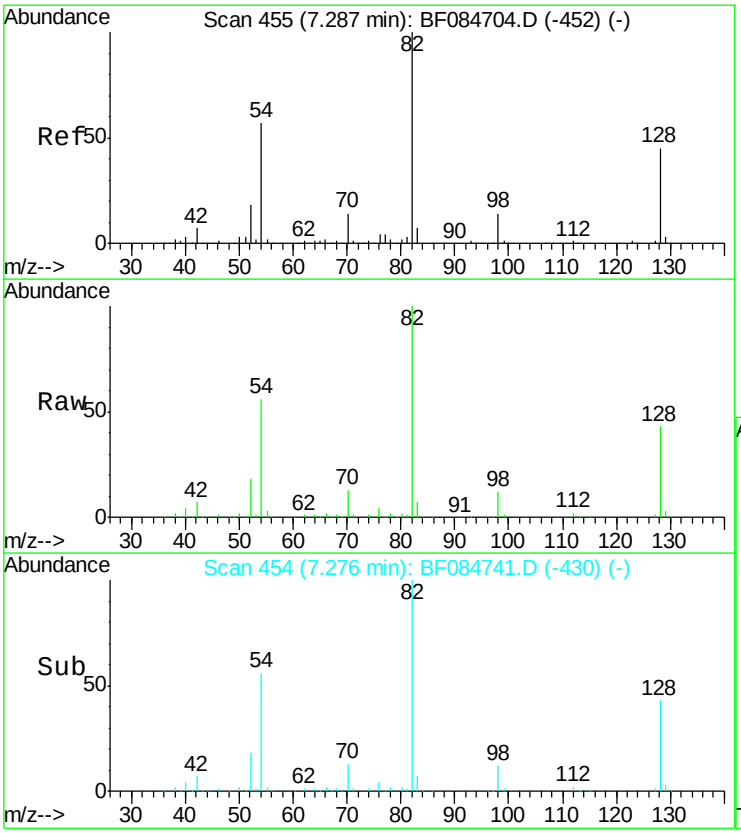
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:136 Resp: 675012

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.2	5.8	8.8#
68	5.8	4.2	6.2

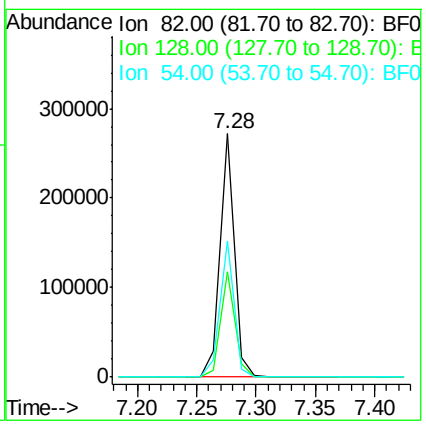


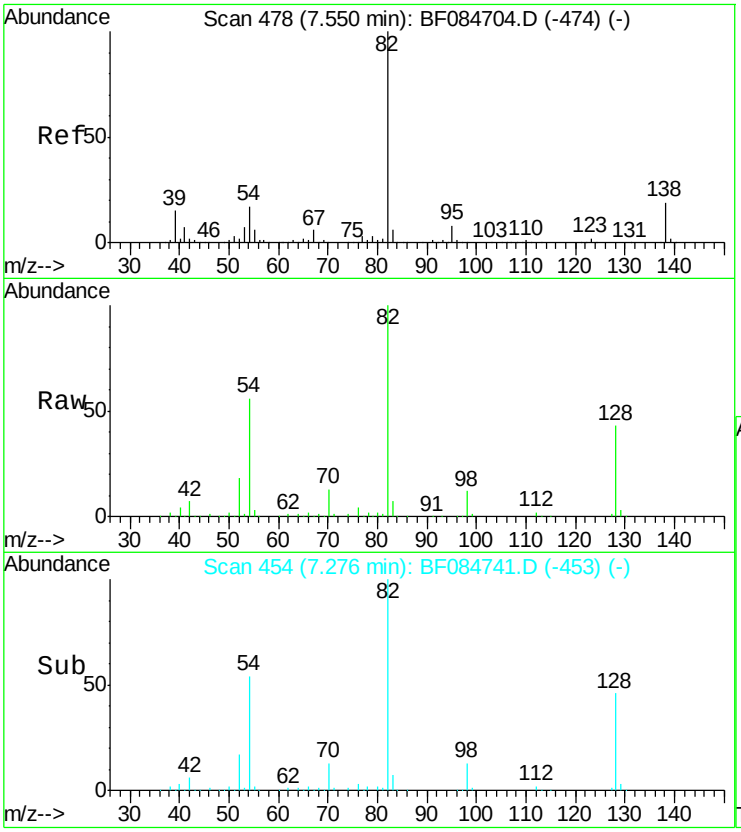


#23
Nitrobenzene-d5
Concen: 18.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion: 82 Resp: 223058

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	55.7	38.4	57.6



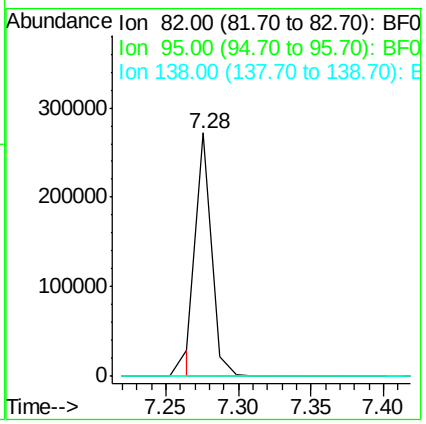


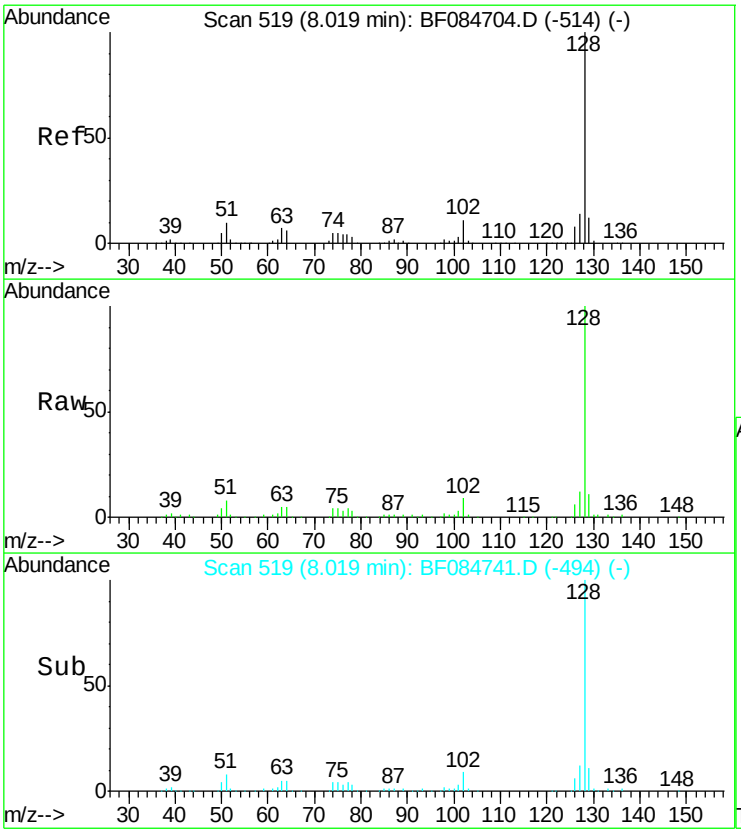
#25
Isophorone
Concen: 8.74 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.29 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion: 82 Resp: 203590

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

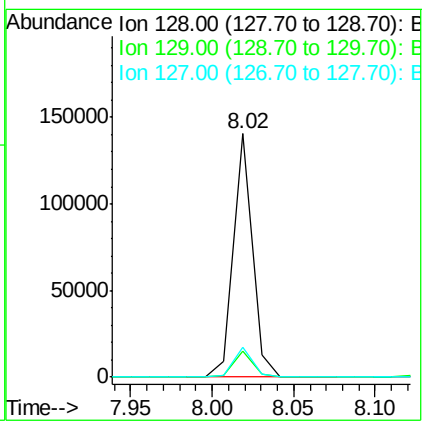


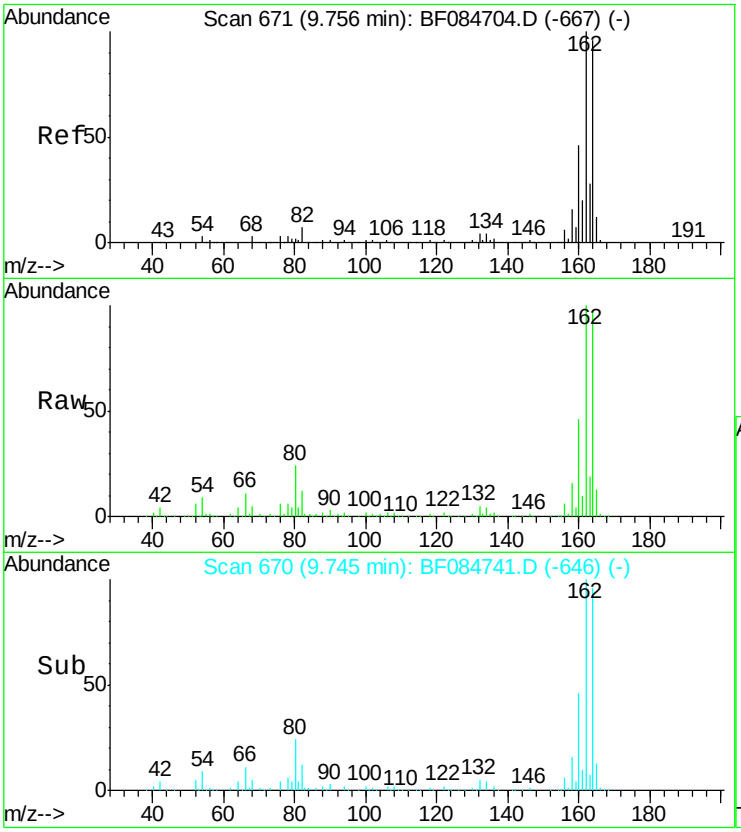


#31
Naphthalene
Concen: 3.30 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:128 Resp: 111794

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	12.3	11.1	16.7



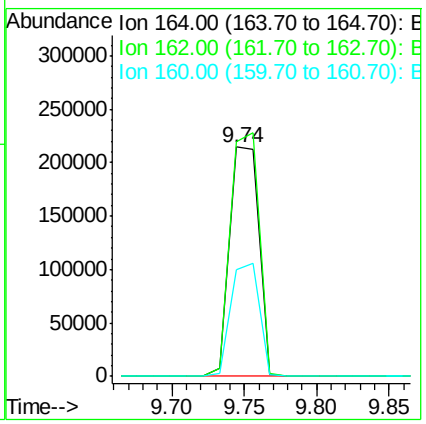


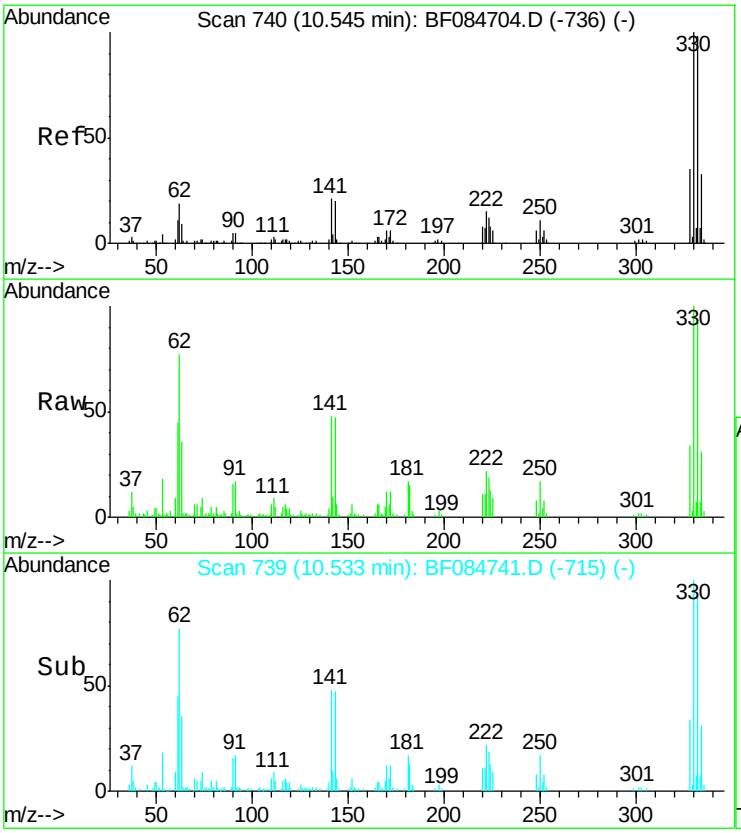
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:164 Resp: 299673

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	46.8	37.5	56.3

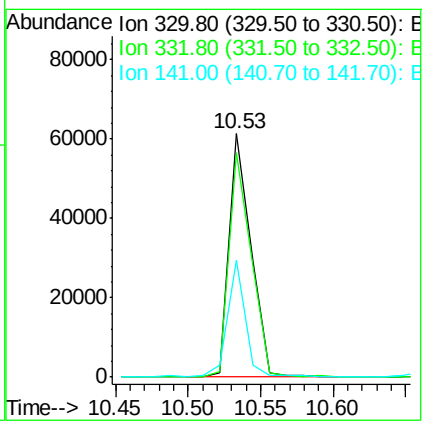


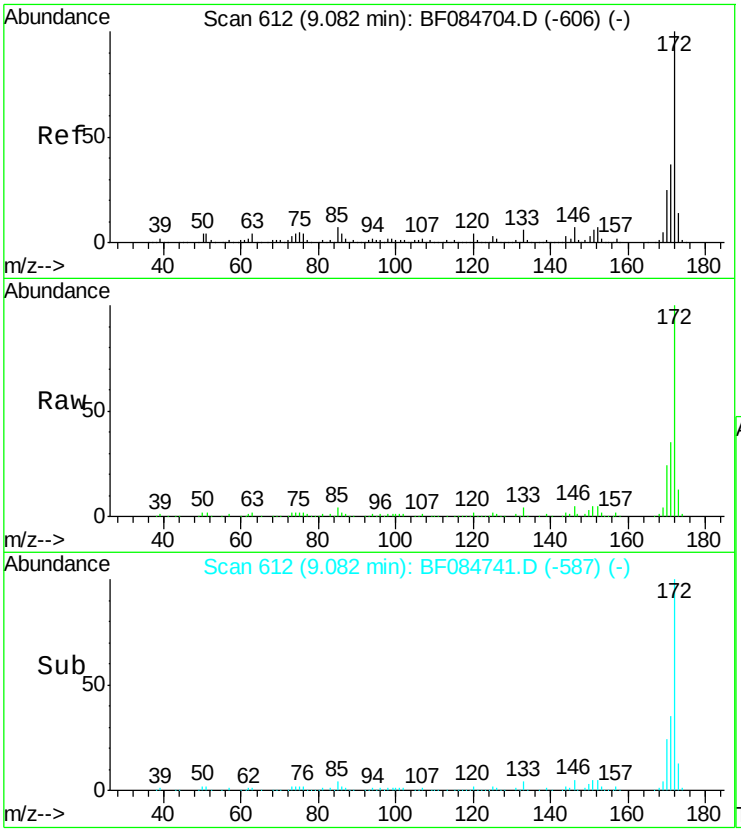


#41
2,4,6-Tribromophenol
Concen: 20.48 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:330 Resp: 64004

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	114.8
141	40.2	27.8	41.6



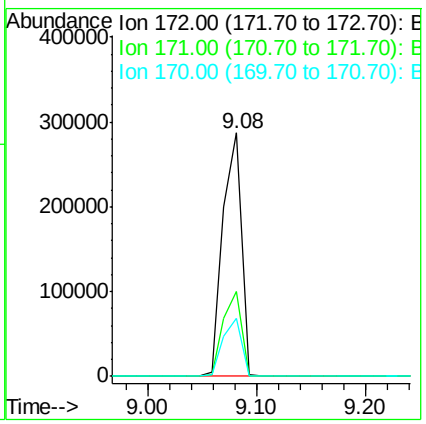


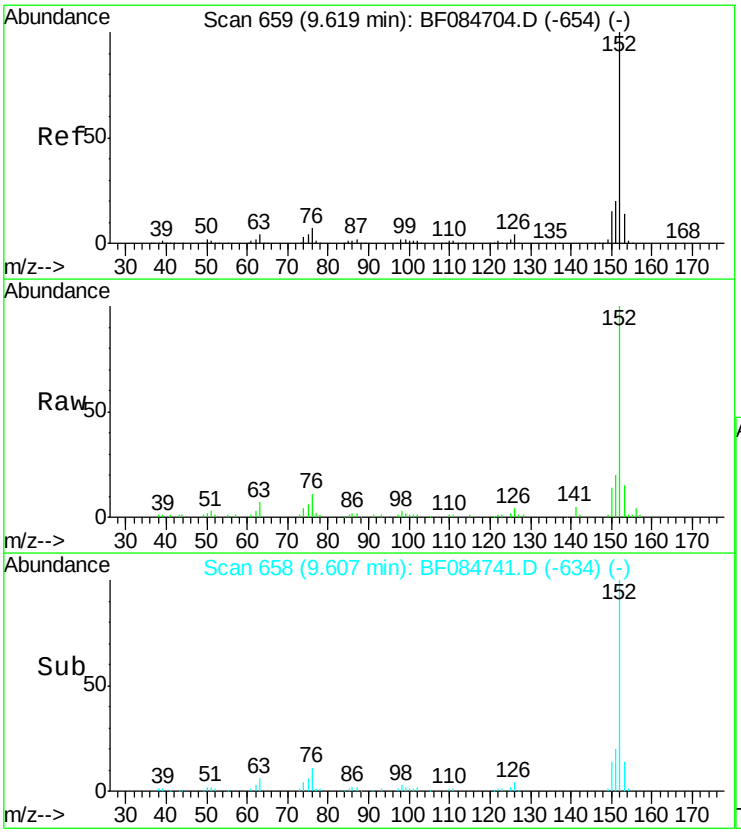
#44
2-Fluorobiphenyl
Concen: 14.23 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:172 Resp: 341658

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.7	18.6	27.8

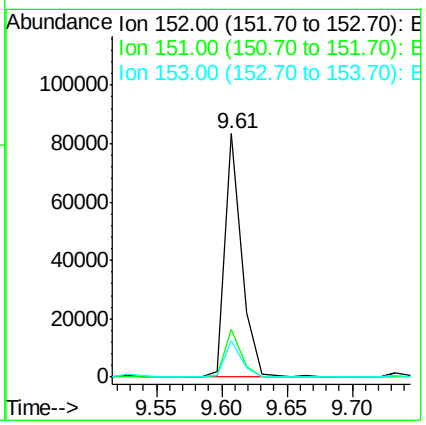


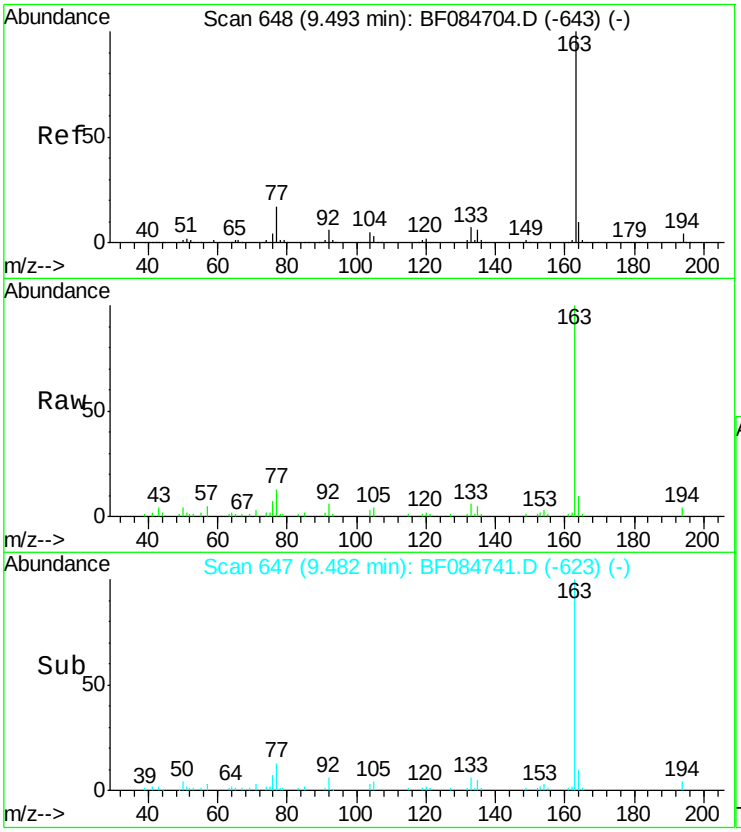


#48
Acenaphthylene
Concen: 2.51 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:152 Resp: 75054

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	14.7	10.4	15.6



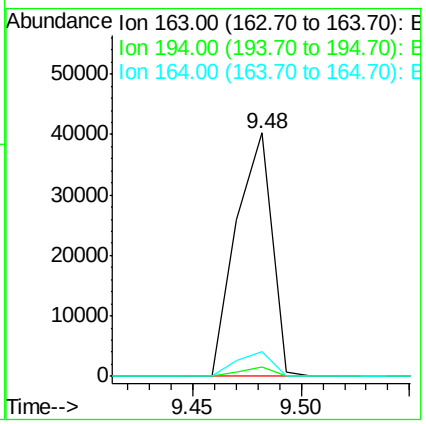


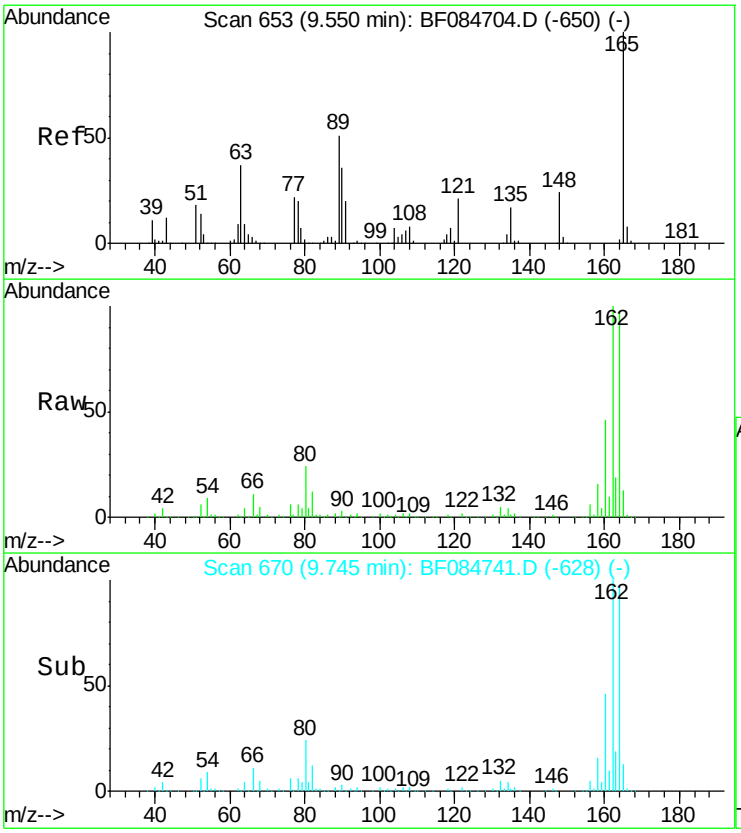
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:163 Resp: 45845

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	10.3	8.0	12.0

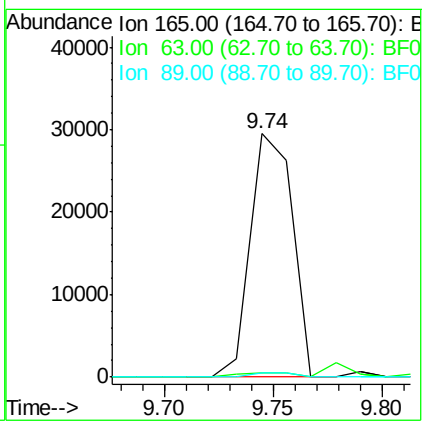


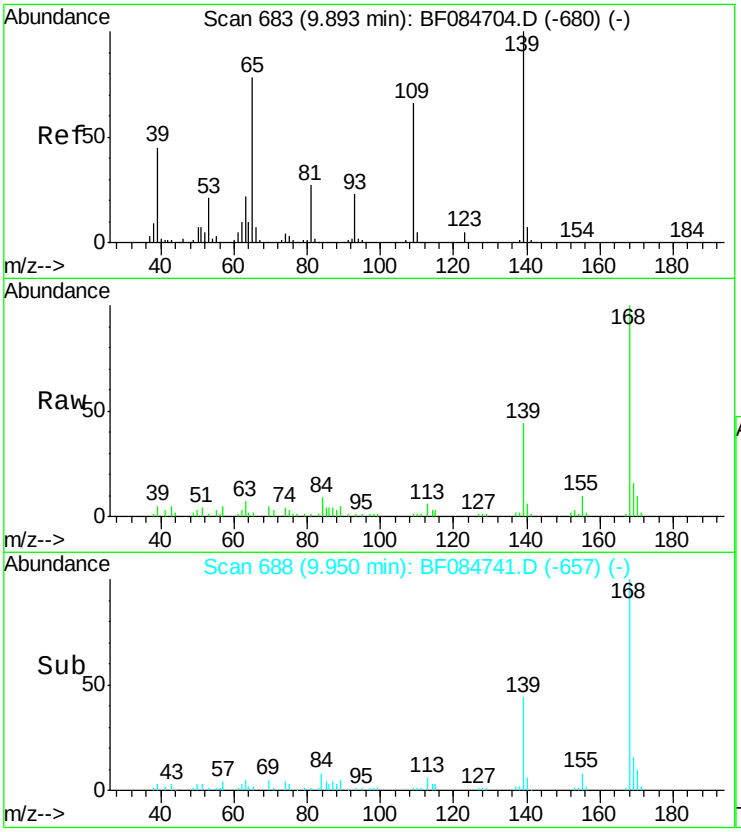


#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.18 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:165 Resp: 39744

Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.8	43.2#
89	1.6	35.1	52.7#



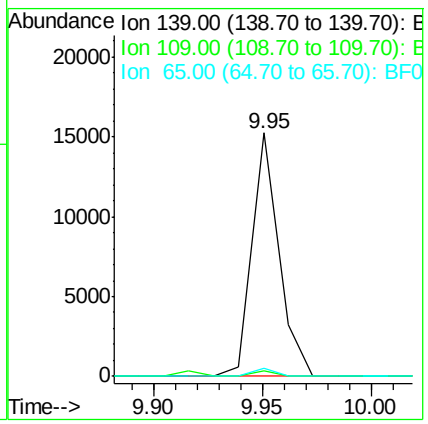


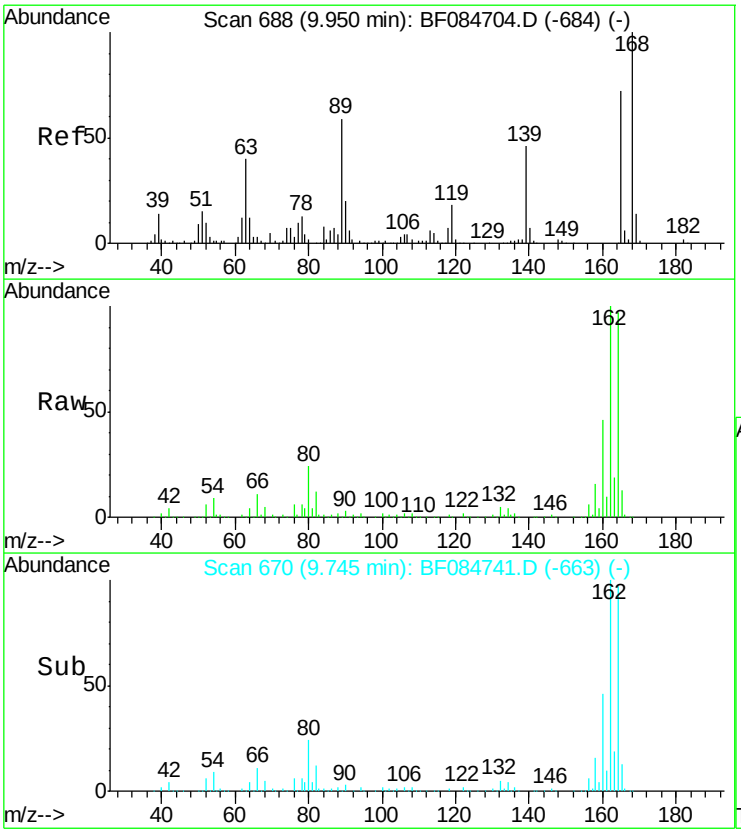
#55
4-Nitrophenol
Concen: 3.18 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.06 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:139 Resp: 13084

Ion	Ratio	Lower	Upper
139	100		
109	2.1	58.5	98.5#
65	3.4	57.6	97.6#

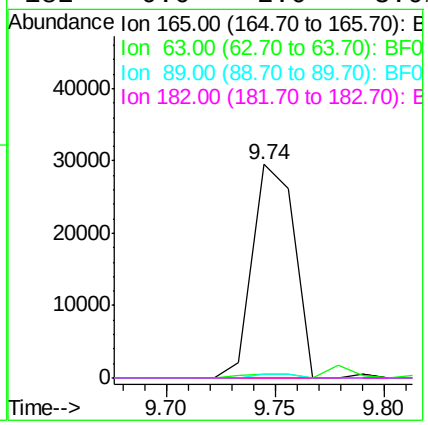


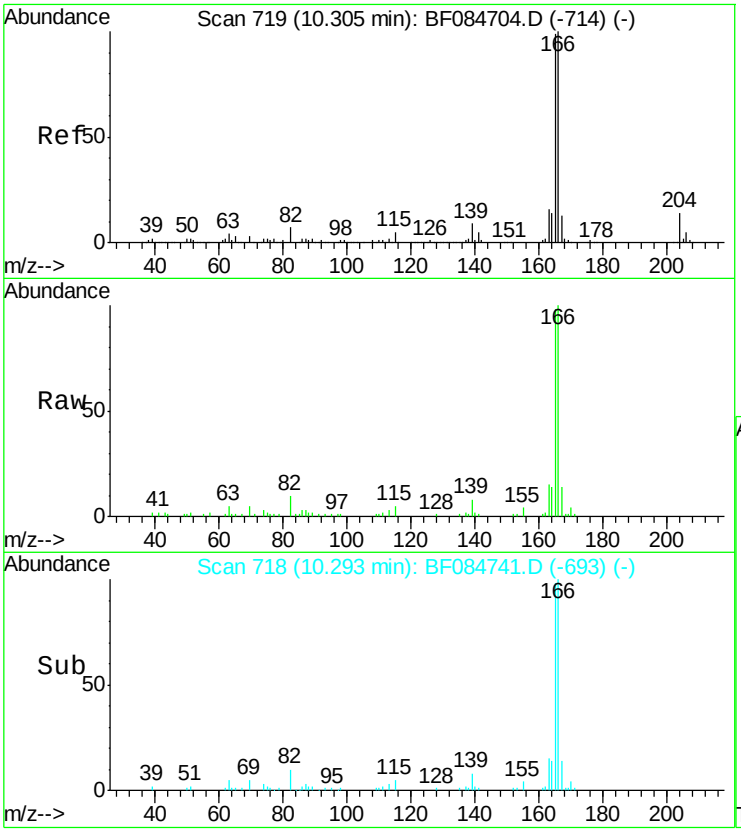


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:165 Resp: 39744

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



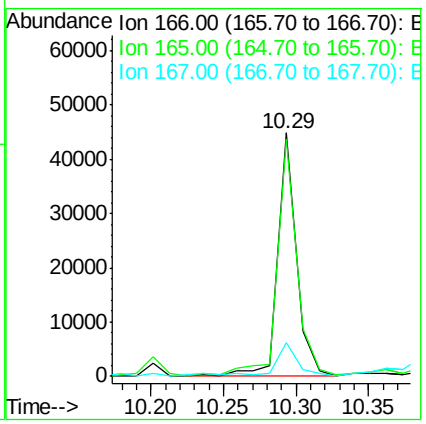


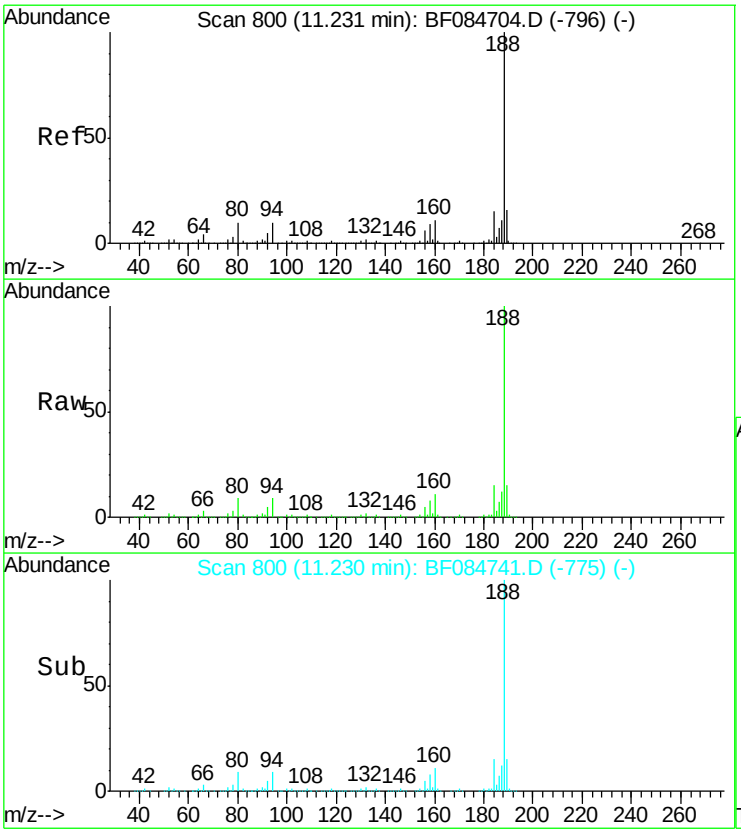
#57
Fluorene
Concen: 2.01 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:166 Resp: 40008

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.1	118.7
167	13.7	10.4	15.6

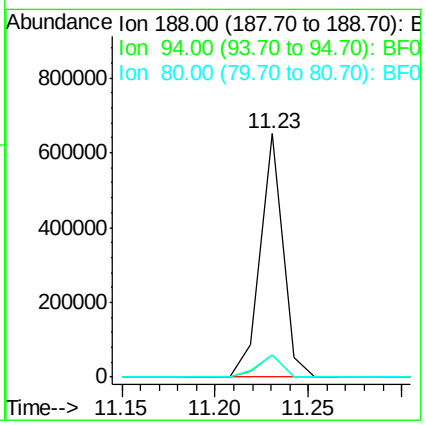


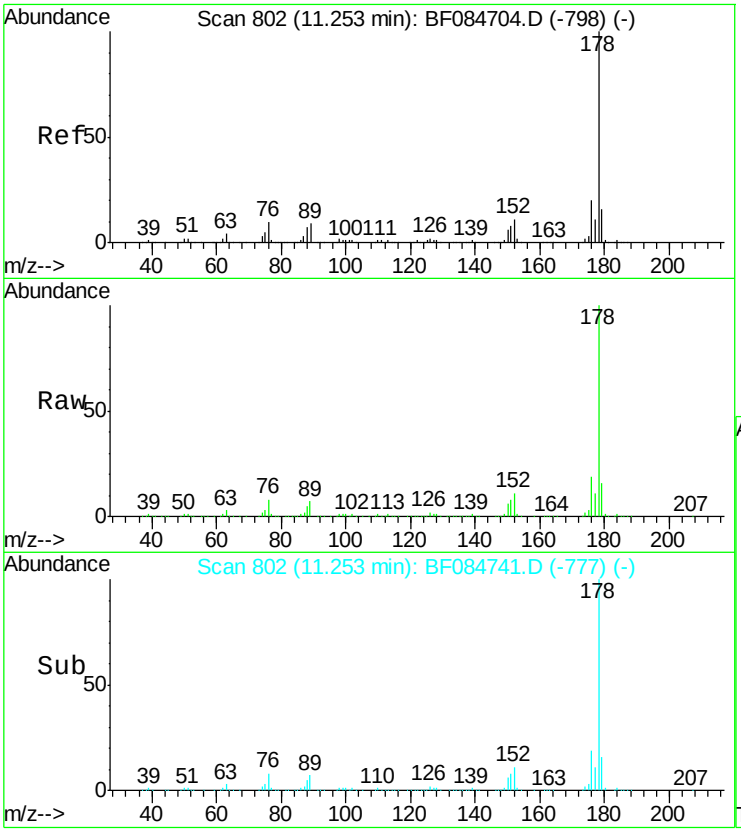


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:188 Resp: 545015

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.2	9.6	14.4#



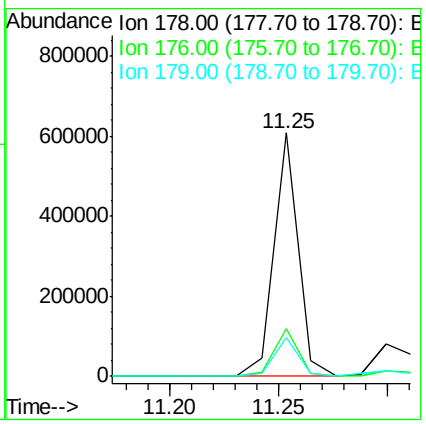


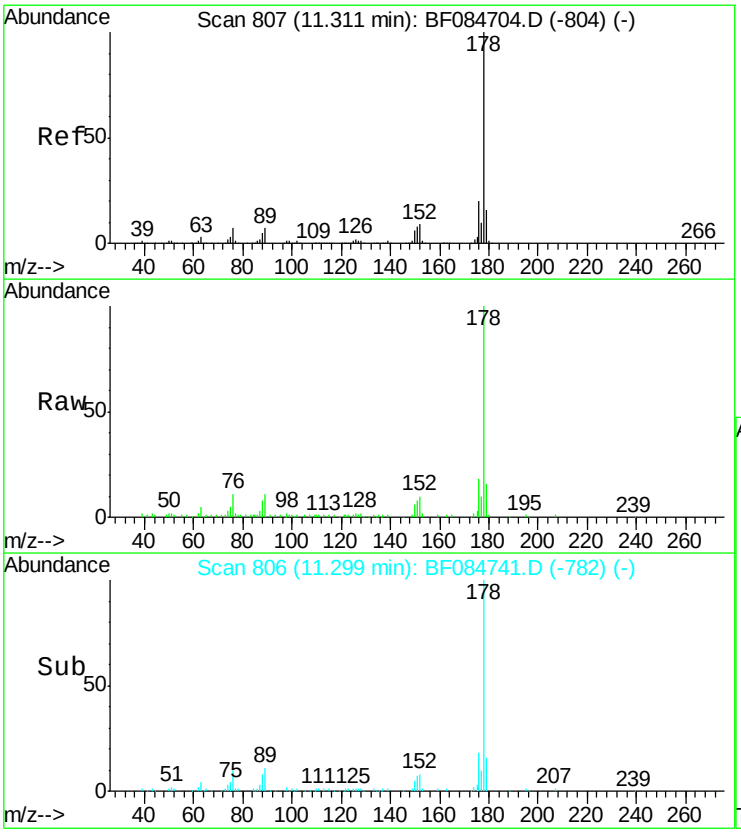
#70
Phenanthrene
Concen: 15.79 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:178 Resp: 477424

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.9	12.0	18.0

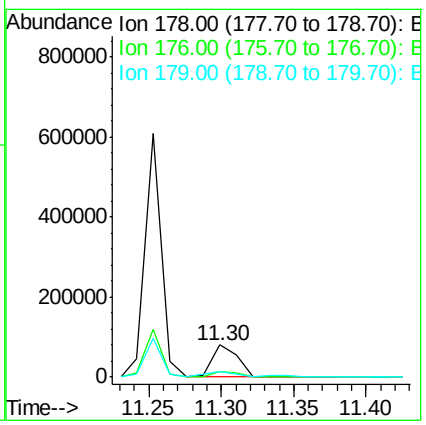


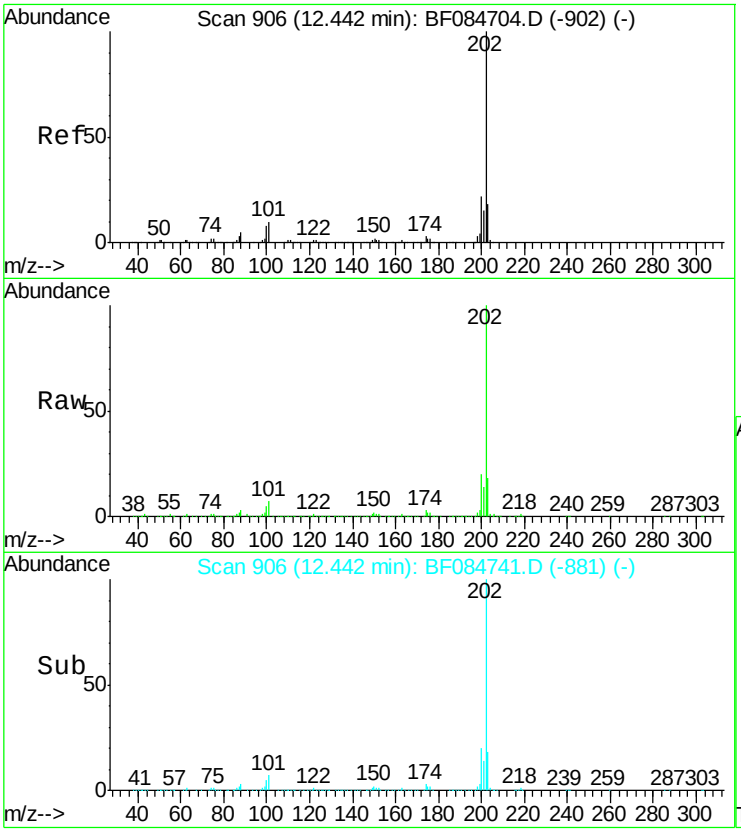


#71
Anthracene
Concen: 3.23 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:178 Resp: 98510

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	15.5	12.5	18.7



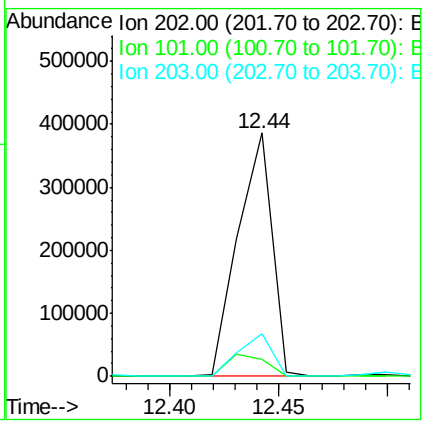


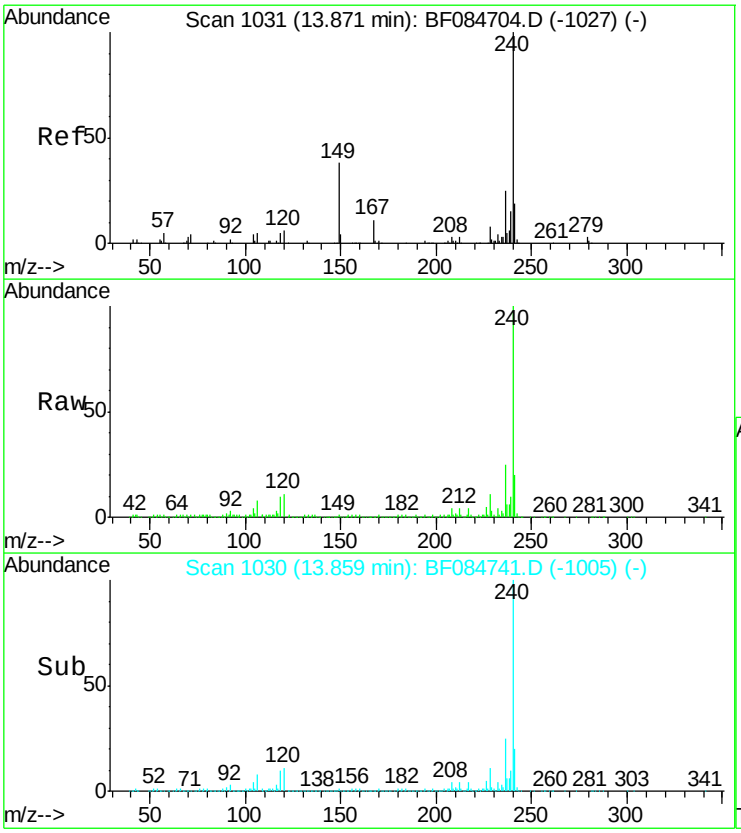
#74
Fluoranthene
Concen: 13.76 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:202 Resp: 421056

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	32.8
203	17.7	0.0	37.9

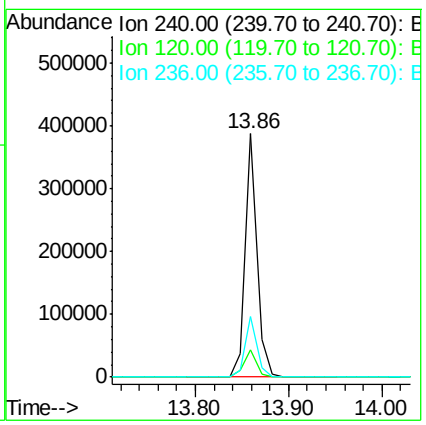


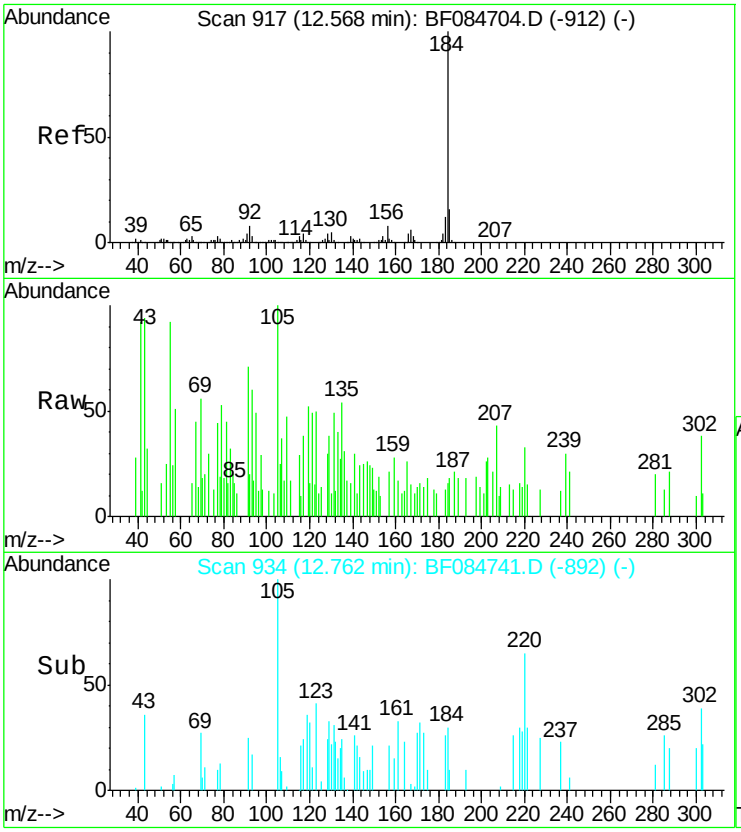


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:240 Resp: 337297

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.1	20.6	31.0



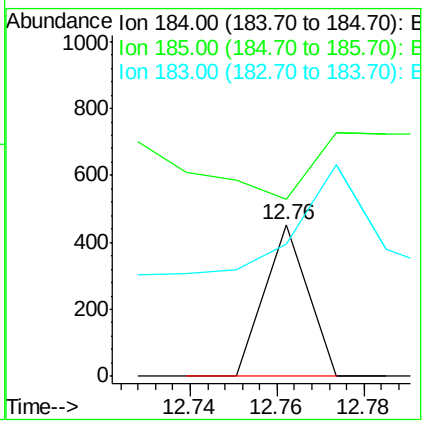


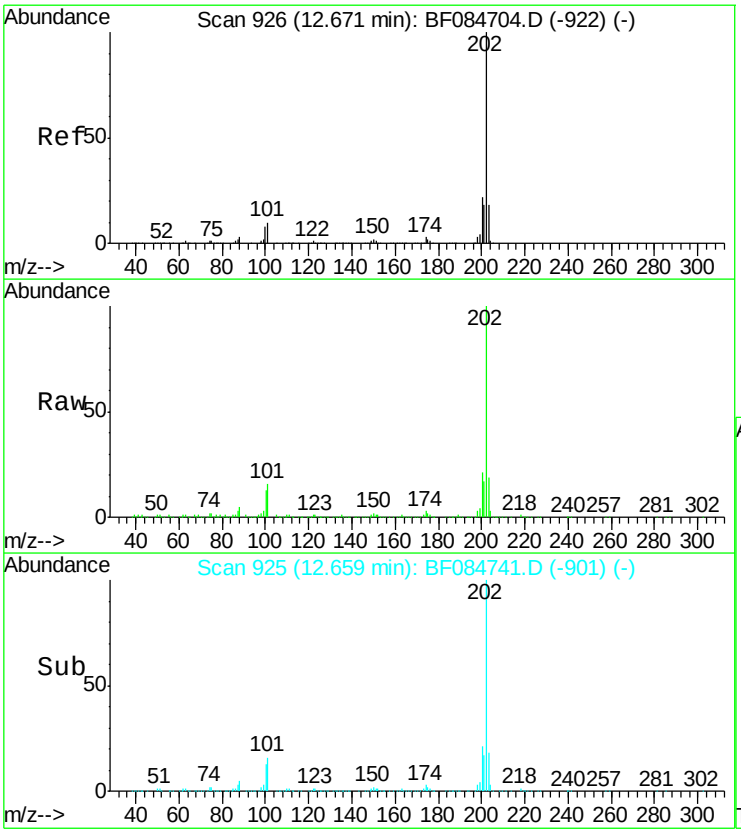
#76
Benzidine
Concen: 6.91 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.18 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:184 Resp: 311

Ion	Ratio	Lower	Upper
184	100		
185	116.8	12.2	18.2#
183	86.8	9.8	14.8#

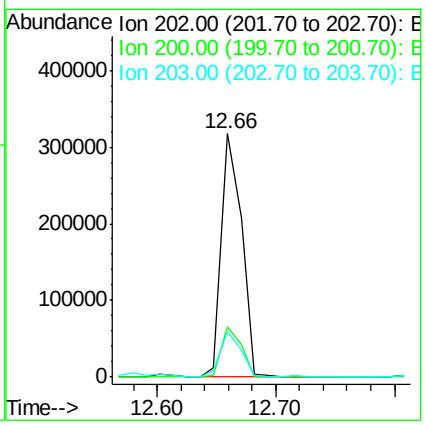


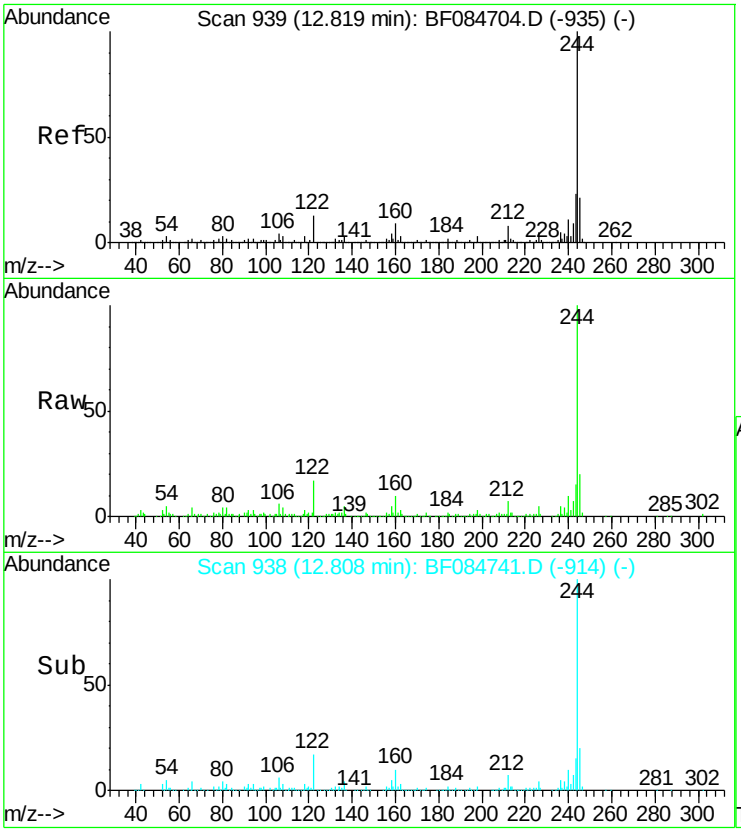


#77
Pyrene
Concen: 14.40 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:202 Resp: 371806

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	18.5	14.3	21.5



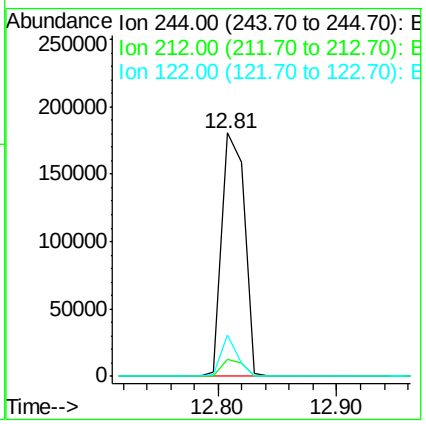


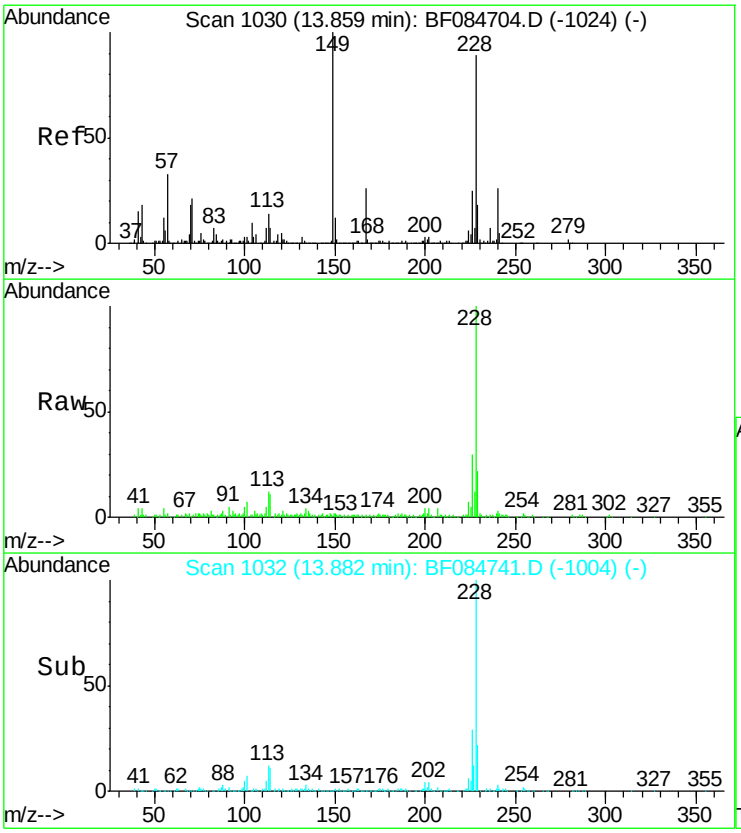
#78
Terphenyl-d14
Concen: 15.96 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:244 Resp: 237597

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	17.0	7.4	11.0#

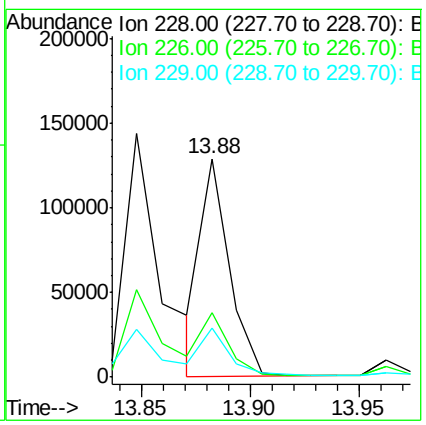


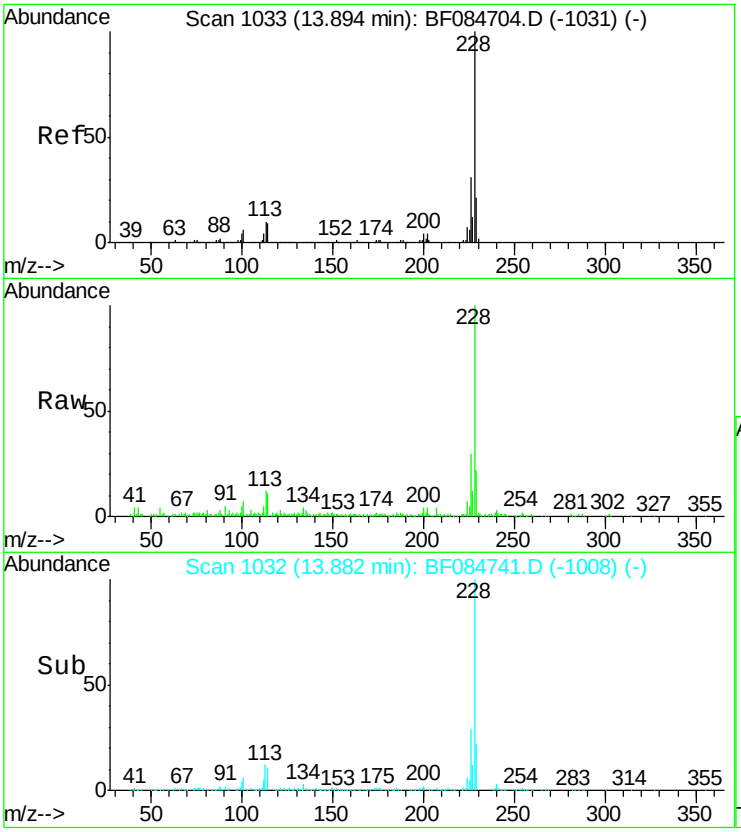


#80
Benzo(a)anthracene
Concen: 5.61 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:228 Resp: 117452

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.6
229	22.3	15.8	23.8



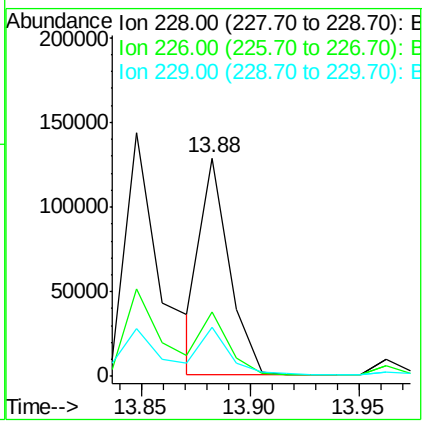


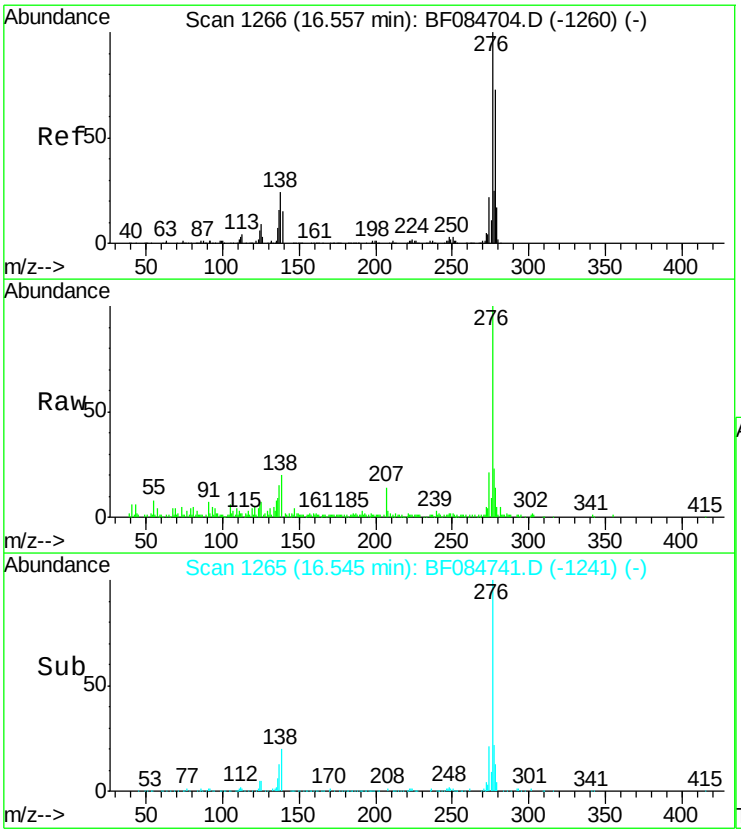
#82
Chrysene
Concen: 5.73 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:228 Resp: 116421

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	22.3	16.1	24.1

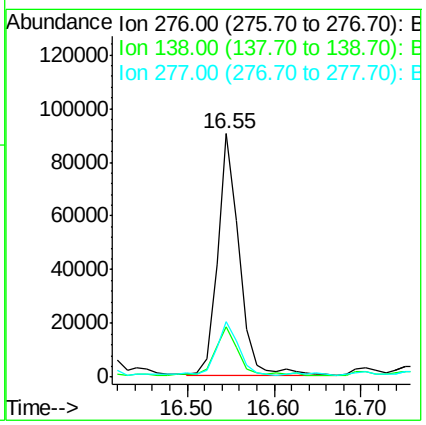


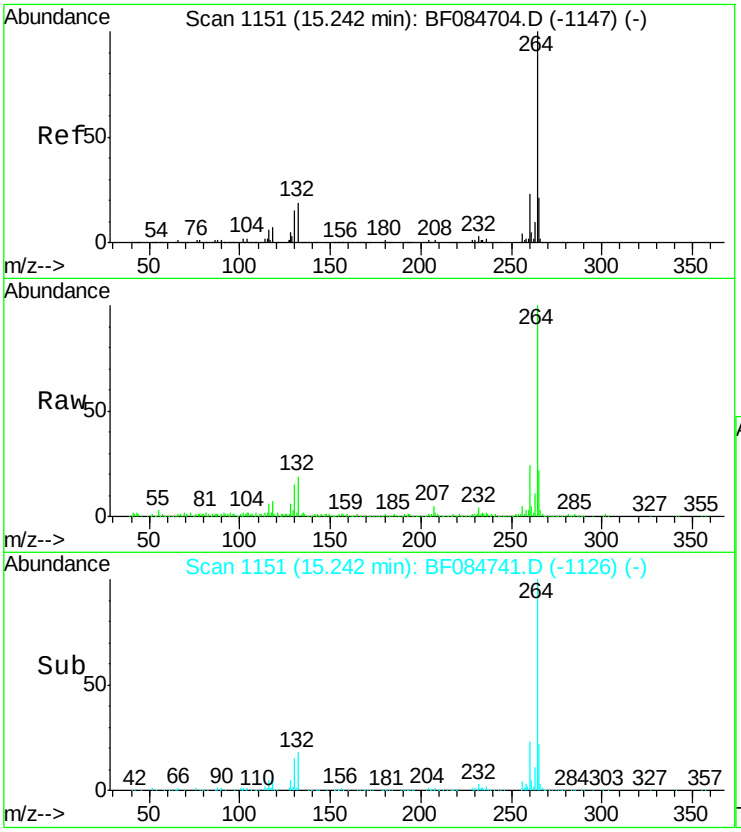


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.73 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:276 Resp: 155499

Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.6	30.8#
277	23.2	20.1	30.1



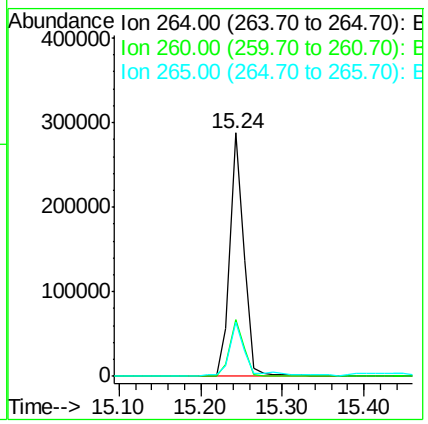


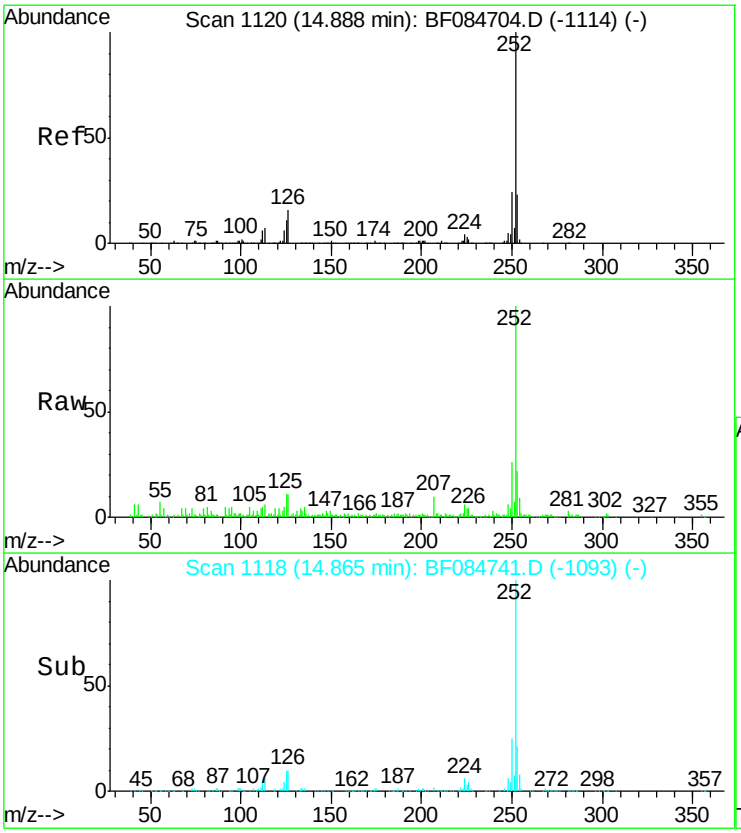
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:264 Resp: 346180

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.5	17.8	26.6

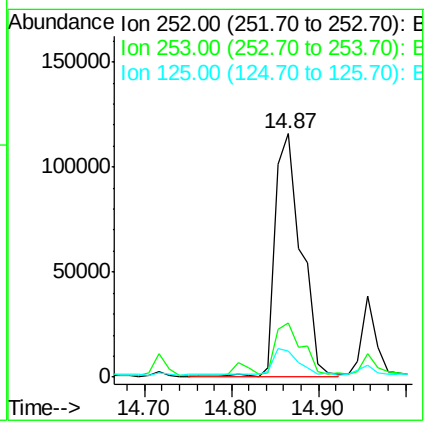


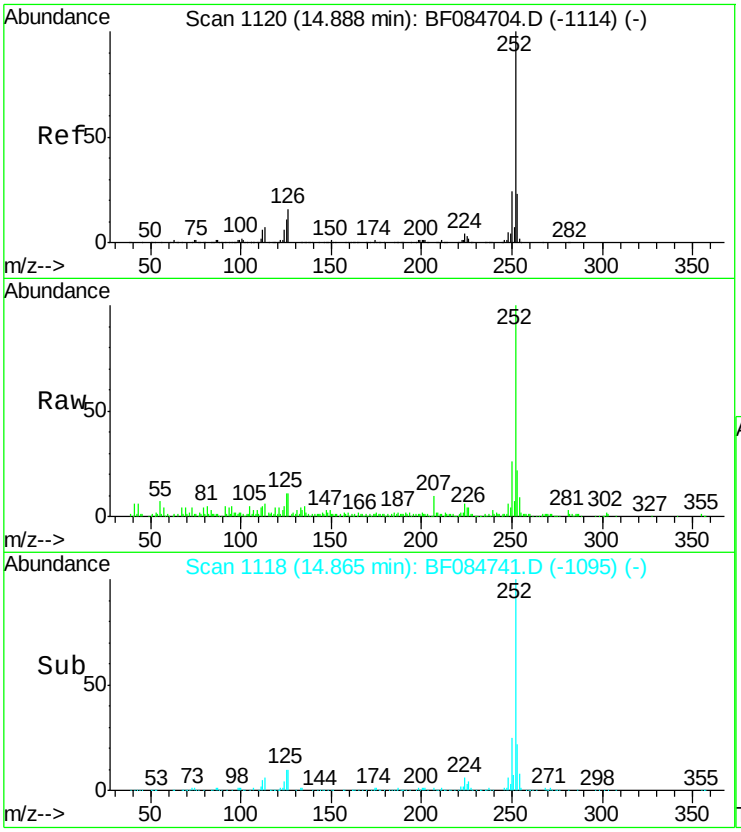


#87
Benzo(b)fluoranthene
Concen: 10.21 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:252 Resp: 237461

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	10.7	6.5	9.7#



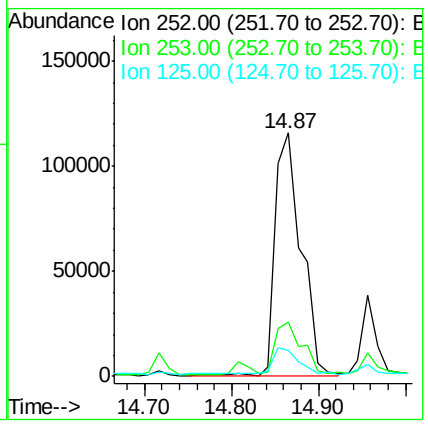


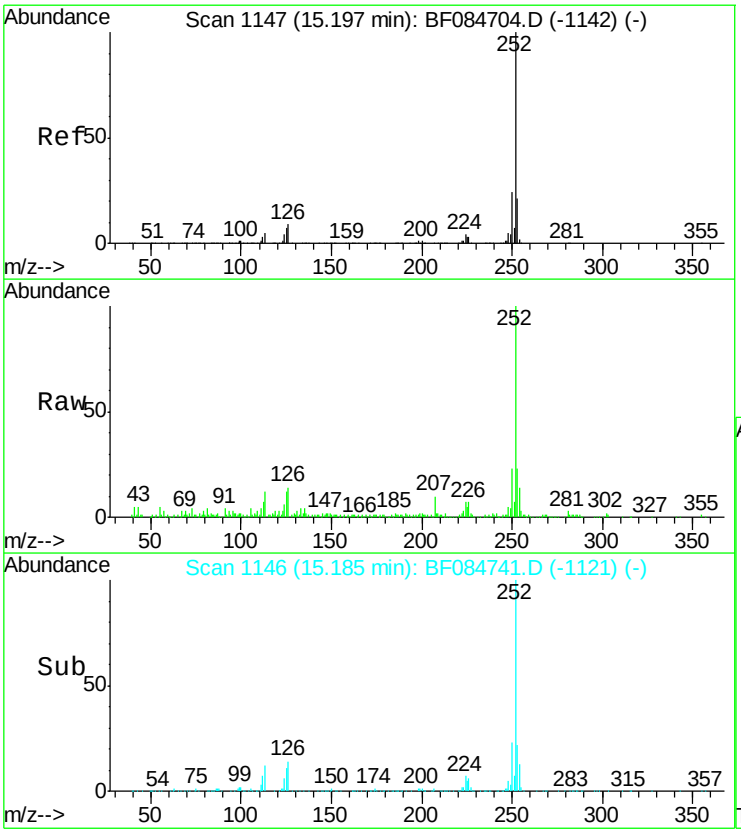
#88
Benzo(k)fluoranthene
Concen: 12.35 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:252 Resp: 237461

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.7	9.0	13.6

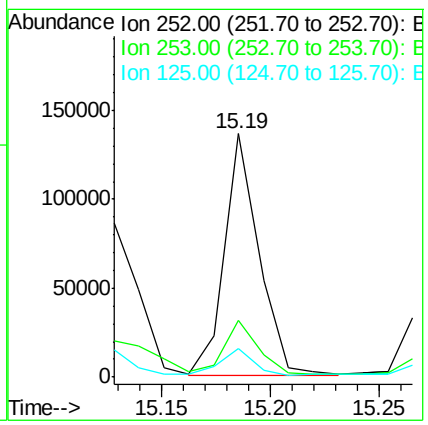


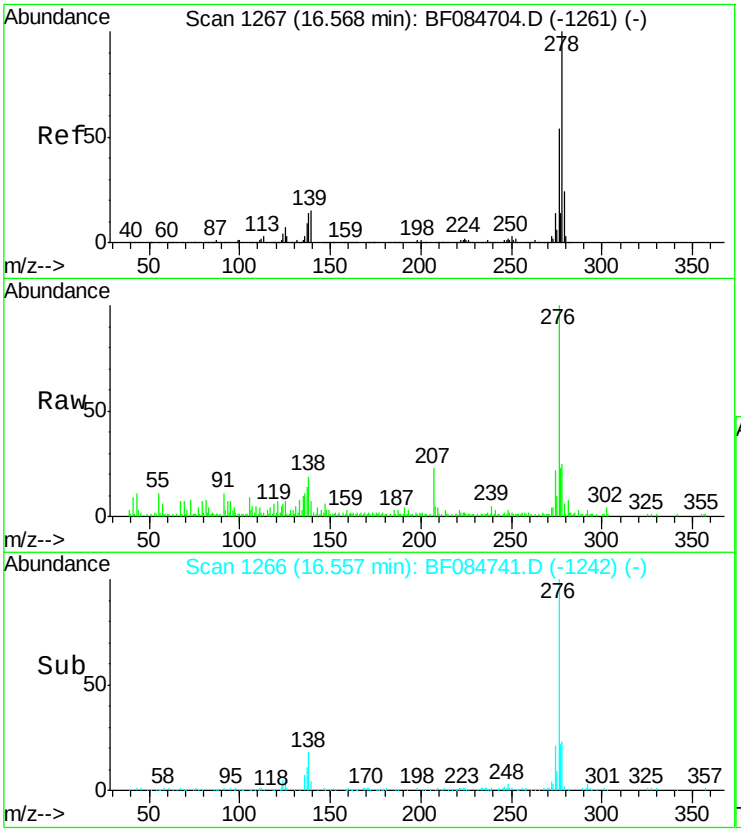


#89
Benzo(a)pyrene
Concen: 7.63 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:252 Resp: 151282

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.8	7.0	10.4#



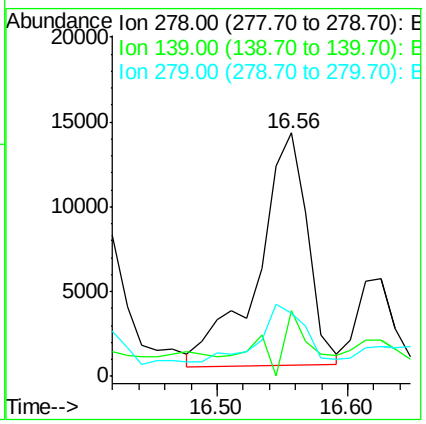


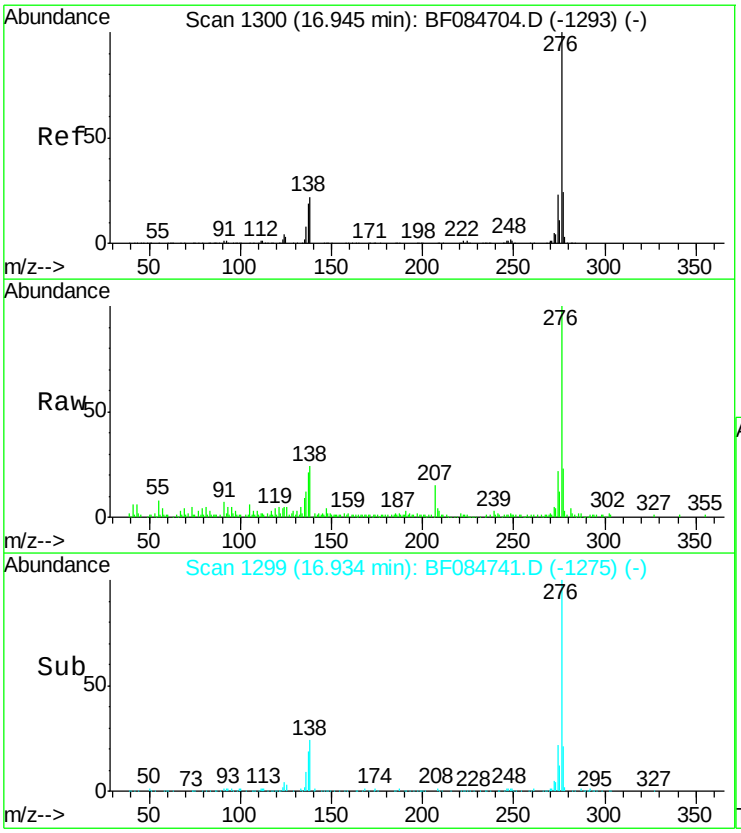
#90
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion:278 Resp: 36308

Ion	Ratio	Lower	Upper
278	100		
139	26.8	15.0	22.4#
279	26.1	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 10.59 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:276 Resp: 178019

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	24.5	17.8	26.6