Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084739.D
Acq On : 2 Feb 2016 5:08
Operator : SJ/IZ
Sample : H1285-17 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(6-7.5)

Quant Time: Feb 02 05:49:19 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	6.70	152	163774	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	692685	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	300015	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	547401	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	345456	20.00	ng		-0.01
86) Perylene-d12	15.24	264	328632	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	269086	25.59	ng		-0.01
7) Phenol-d6	6.35	99	352732	27.06	ng		-0.02
23) Nitrobenzene-d5	7.28	82	233711	19.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	49898	15.94	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	334911	13.90	ng		-0.02
78) Terphenyl-d14	12.81	244	263146	17.26	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	29611	3.62	ng	#	73
25) Isophorone	7.28	82	189975	7.95	ng	#	66
49) Dimethylphthalate	9.47	163	80847	3.54	ng	#	89
50) 2,6-Dinitrotoluene	9.74	165	39101	7.83	ng	#	37
56) 2,4-Dinitrotoluene	9.74	165	39101	6.14	ng	#	21
70) Phenanthrene	11.25	178	101029	3.33	ng		99
74) Fluoranthene	12.43	202	161489	5.26	ng		98
76) Benzidine	12.81	184	3871	7.10	ng	#	95
77) Pyrene	12.66	202	155312	5.87	ng		98
80) Benzo(a)anthracene	13.85	228	75736	3.53	ng		97
82) Chrysene	13.85	228	75736	3.64	ng		99
87) Benzo(b)fluoranthene	14.85	252	83980	3.80	ng	#	97
88) Benzo(k)fluoranthene	14.85	252	83963	4.60	ng		99
89) Benzo(a)pyrene	15.19	252	48425	2.57	ng	#	97
91) Benzo(g,h,i)perylene	16.92	276	37202	2.33	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Instrument :
BNA_F
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SUP-B012(6-7.5)

Quant Time: Feb 02 05:49:19 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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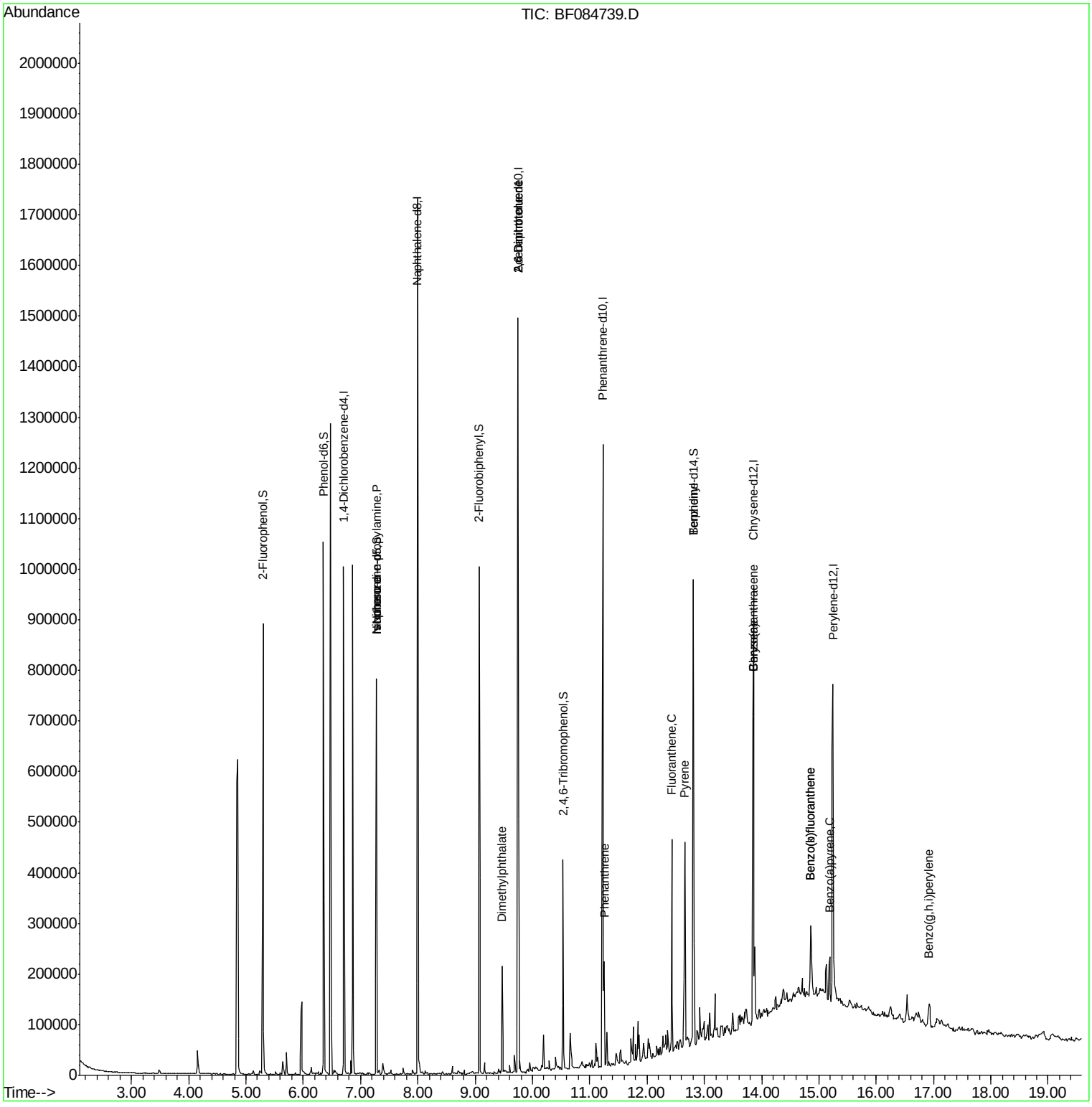
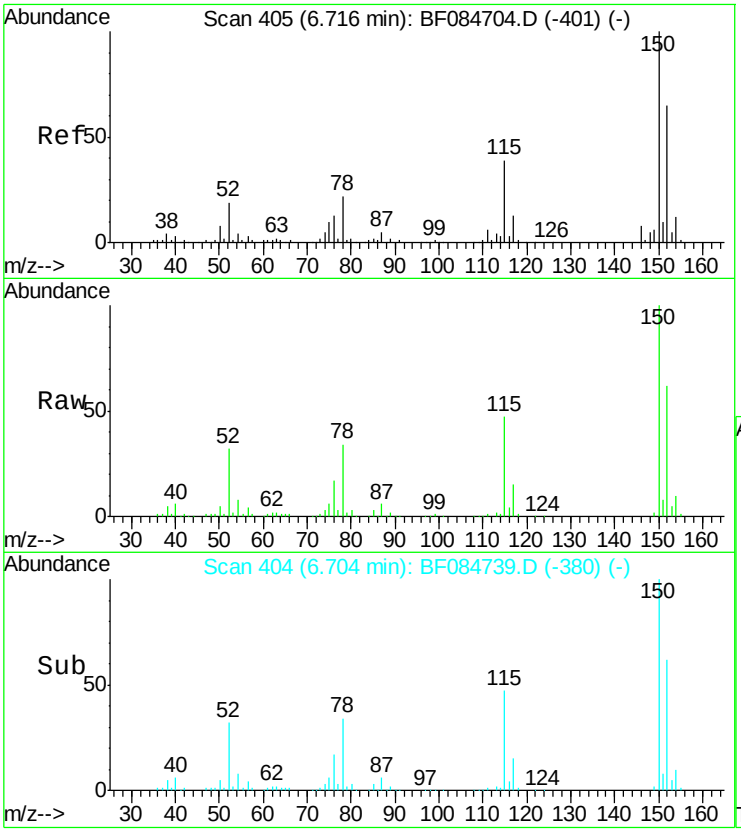


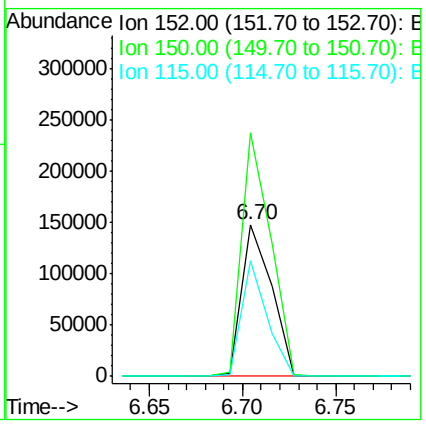


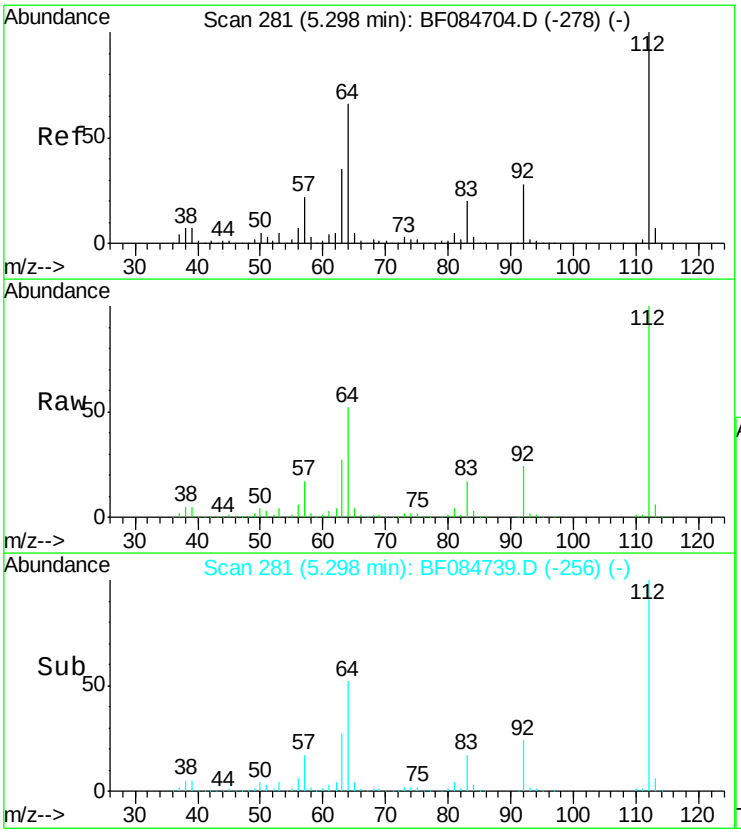
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:152 Resp: 163774

Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.0	184.4
115	76.0	51.4	77.2

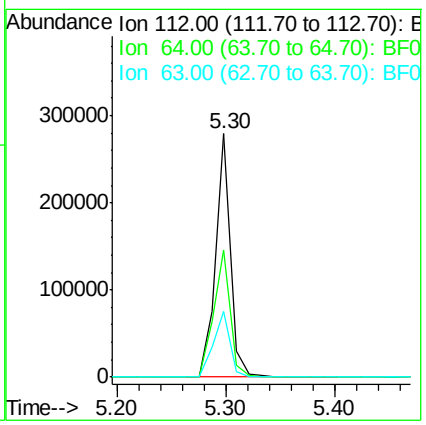


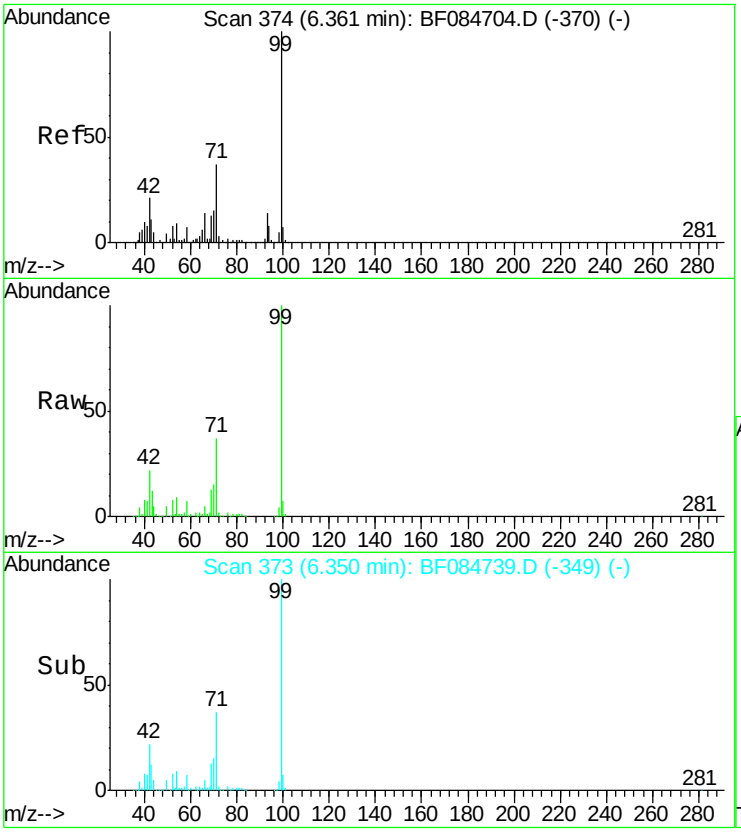


#5
2-Fluorophenol
Concen: 25.59 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:112 Resp: 269086

Ion	Ratio	Lower	Upper
112	100		
64	52.1	36.6	55.0
63	27.0	19.4	29.0



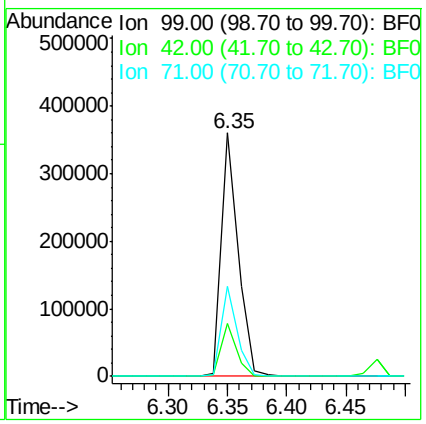


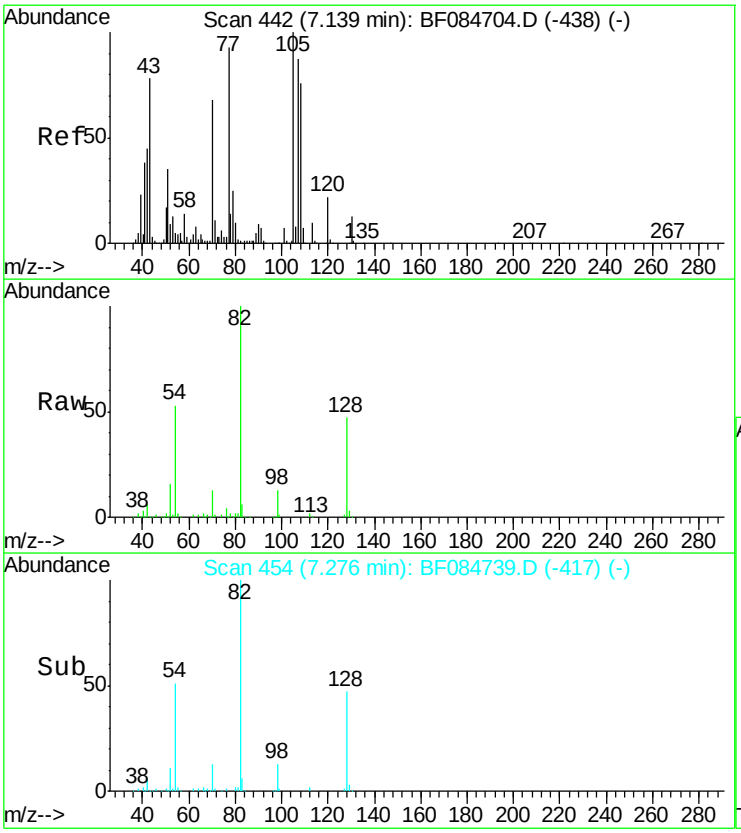
#7
Phenol-d6
Concen: 27.06 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion: 99 Resp: 352732

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	37.2	30.9	46.3

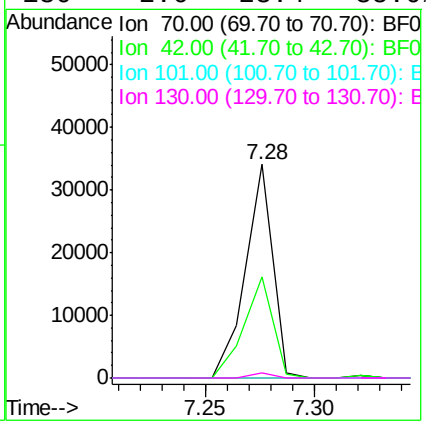


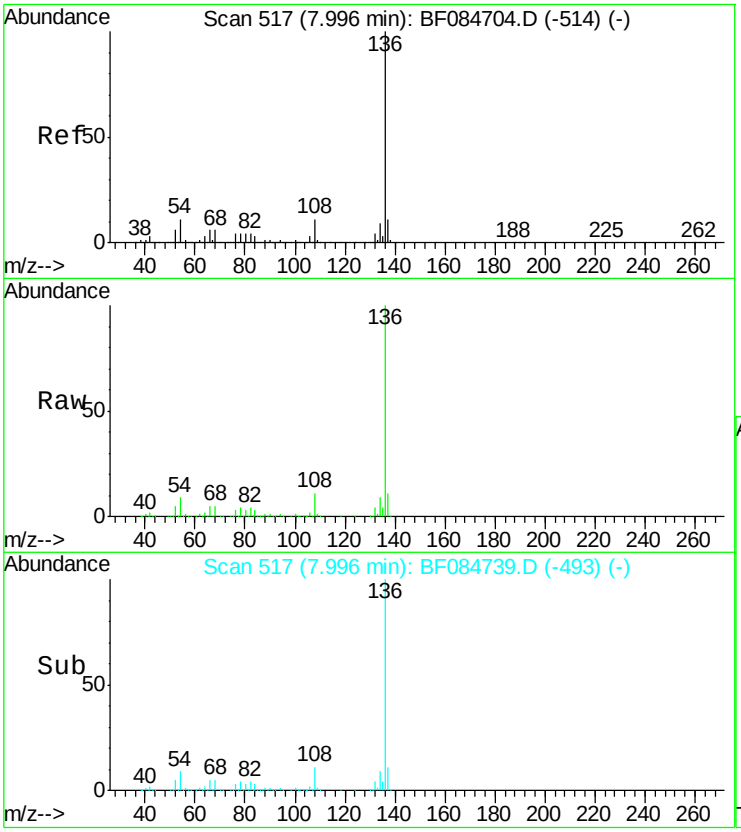


#19
n-Nitroso-di-n-propylamine
Concen: 3.62 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion: 70 Resp: 29611

Ion	Ratio	Lower	Upper
70	100		
42	47.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.6	23.4	35.0#



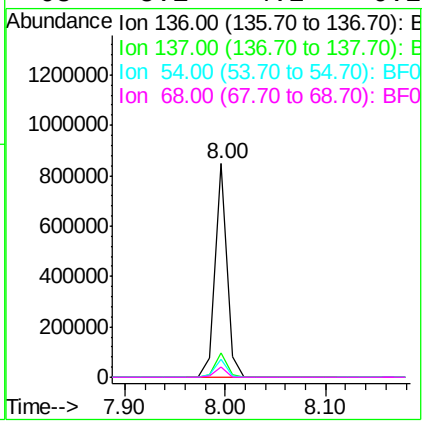


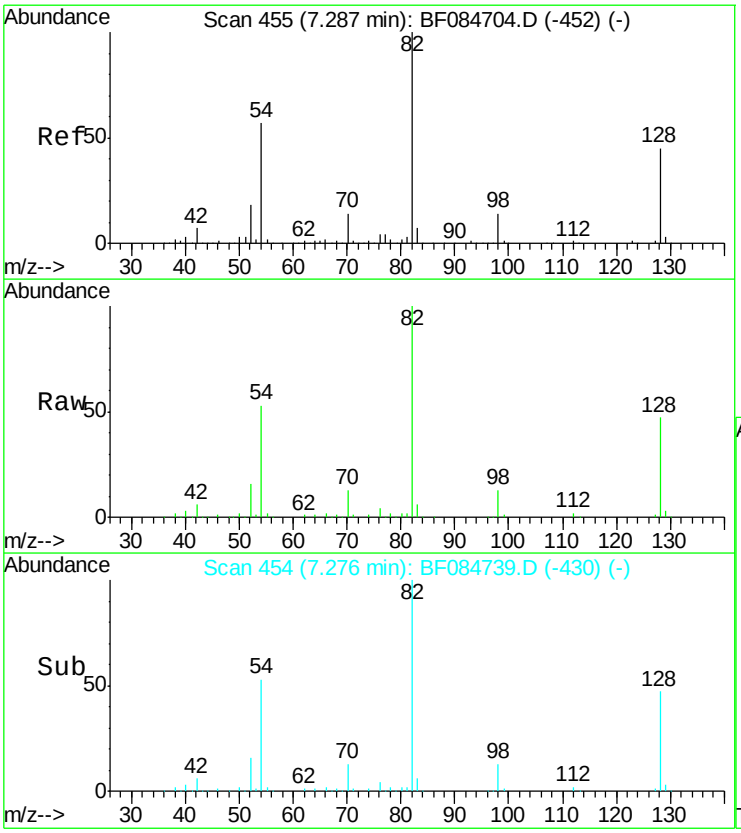
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:136 Resp: 692685

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.7	5.8	8.8
68	5.1	4.2	6.2

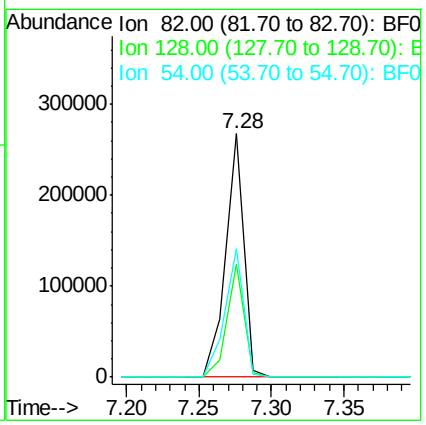


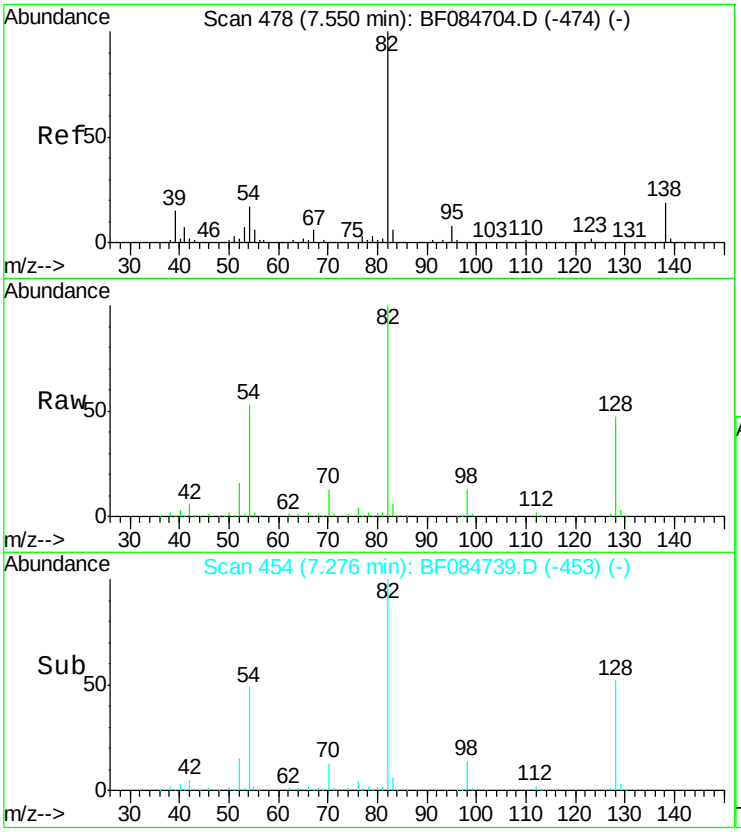


#23
Nitrobenzene-d5
Concen: 19.01 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion: 82 Resp: 233711

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	51.8
54	52.6	38.4	57.6



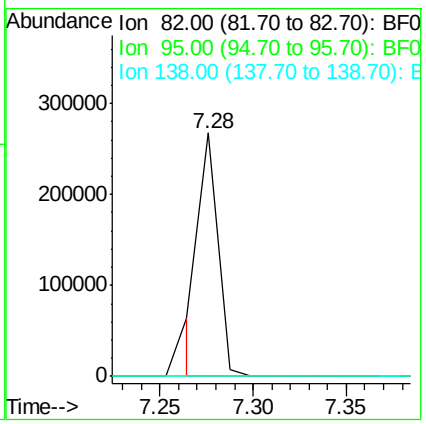


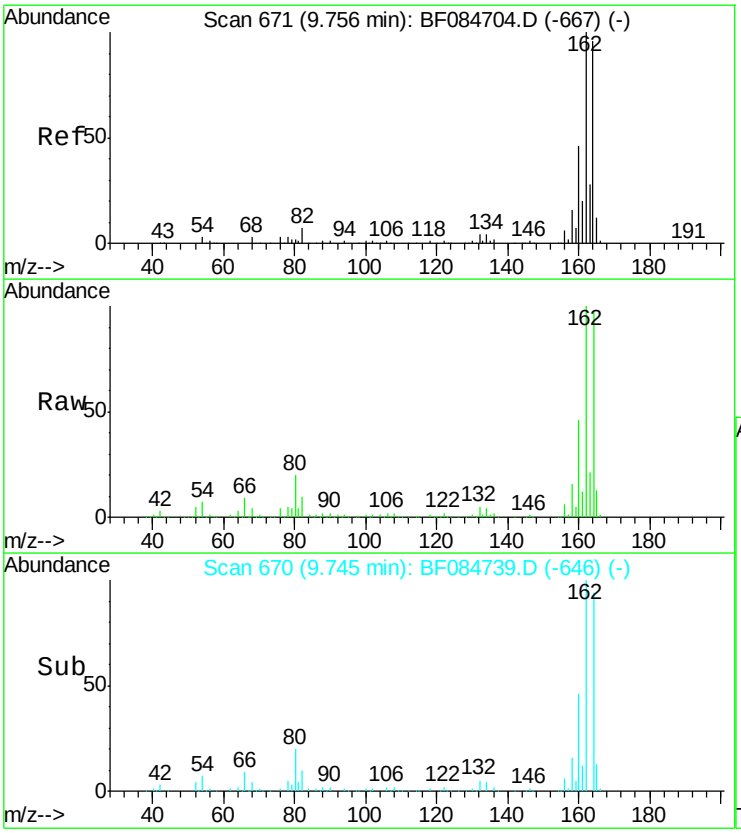
#25
Isophorone
Concen: 7.95 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.29 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion: 82 Resp: 189975

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

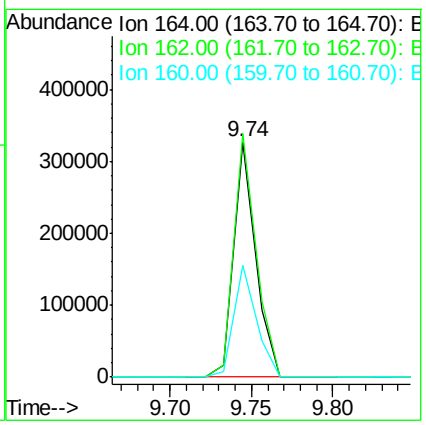


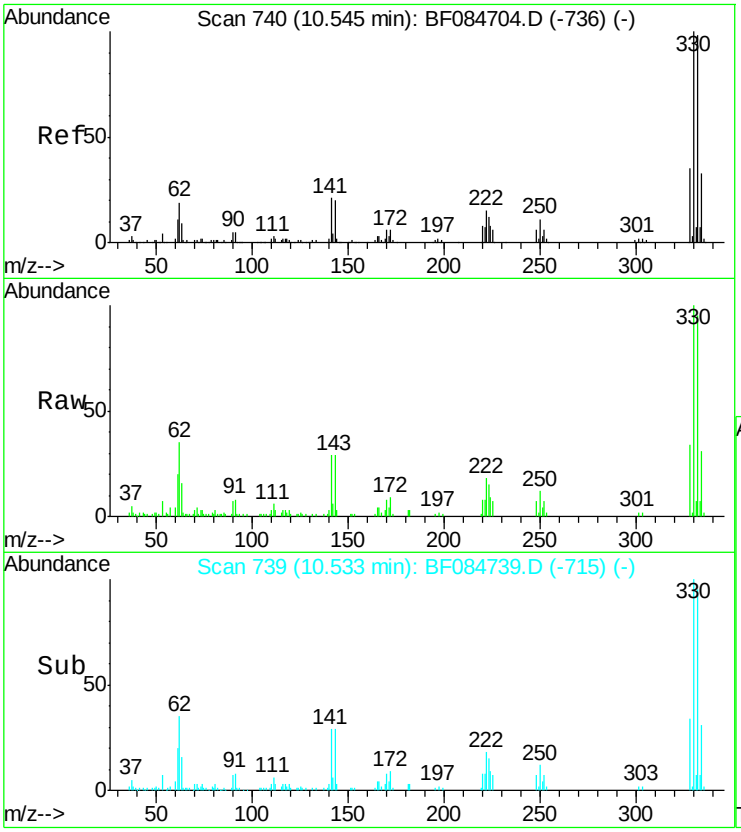


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:164 Resp: 300015

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	47.3	37.5	56.3



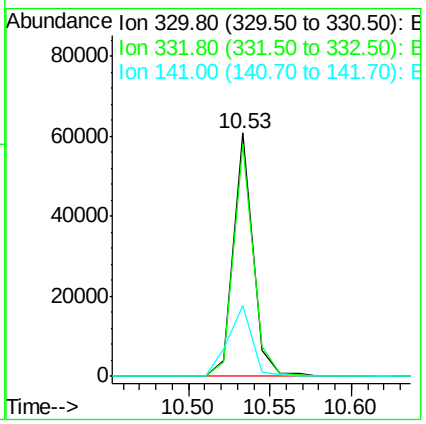


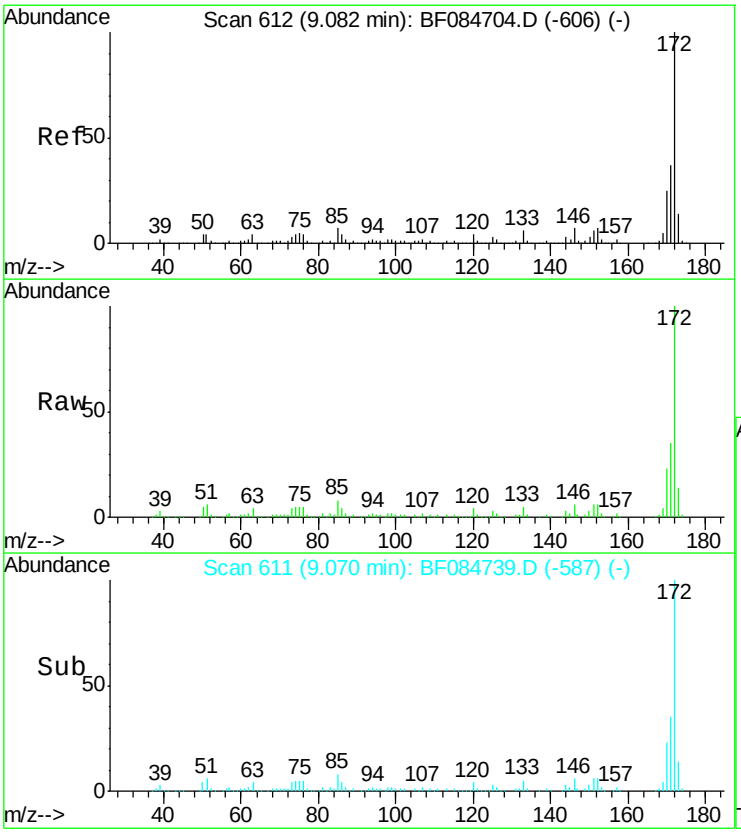
#41
2,4,6-Tribromophenol
Concen: 15.94 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:330 Resp: 49898

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.9	27.8	41.6

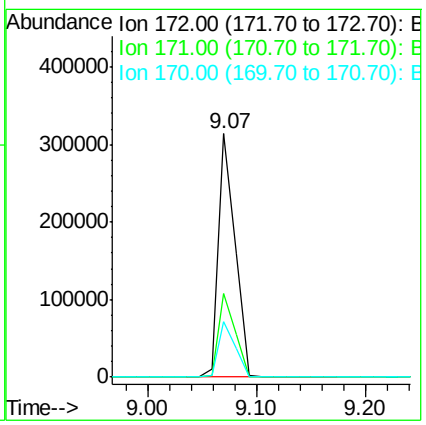


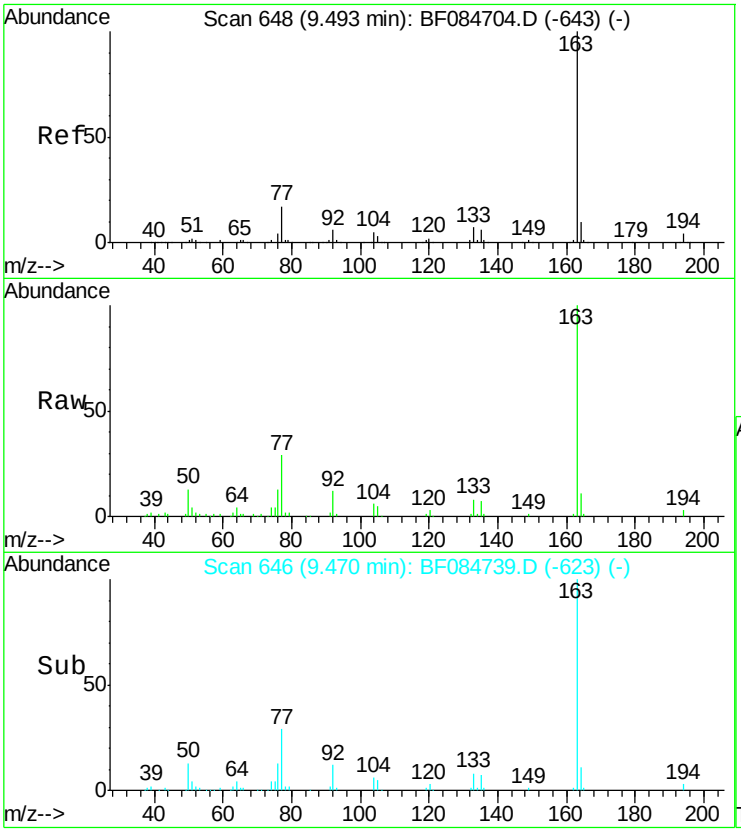


#44
2-Fluorobiphenyl
Concen: 13.90 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:172 Resp: 334911

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	22.6	18.6	27.8



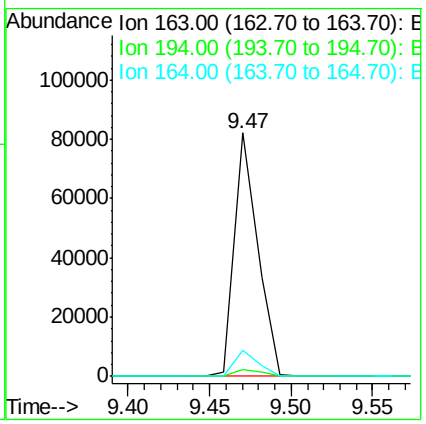


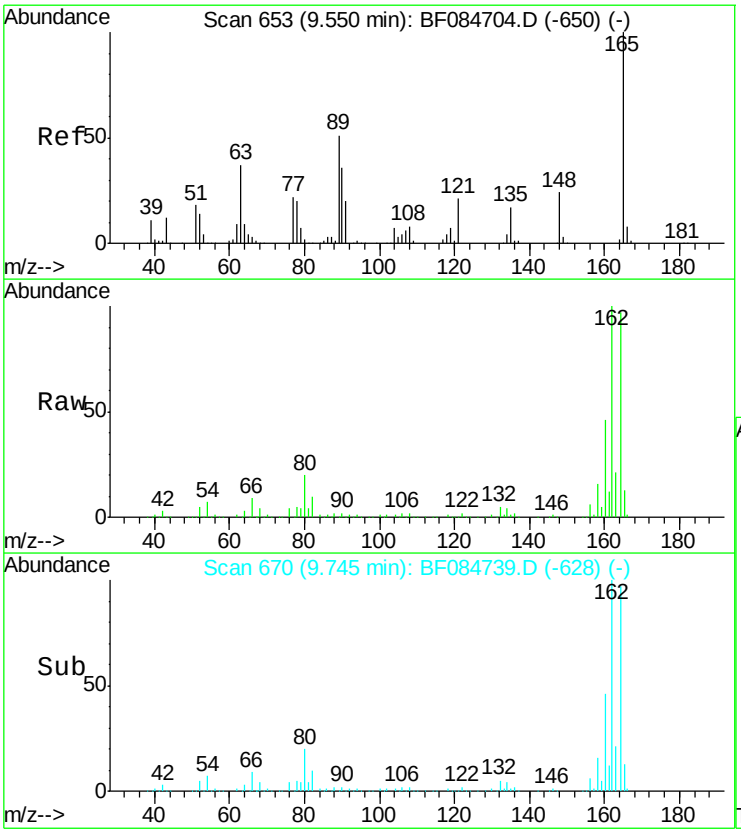
#49
Dimethylphthalate
Concen: 3.54 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:163 Resp: 80847

Ion	Ratio	Lower	Upper
163	100		
194	2.6	8.0	12.0#
164	10.8	8.0	12.0

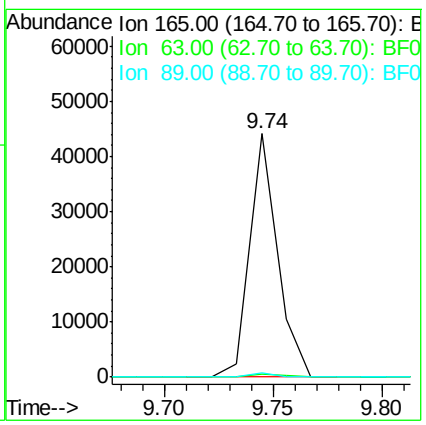


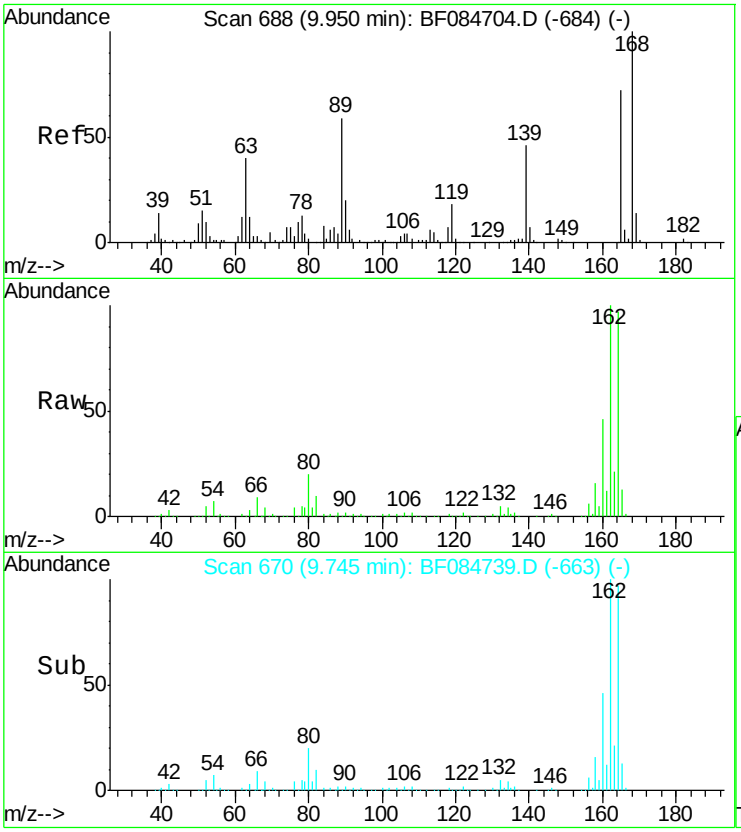


#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.18 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:165 Resp: 39101

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.8	35.1	52.7#



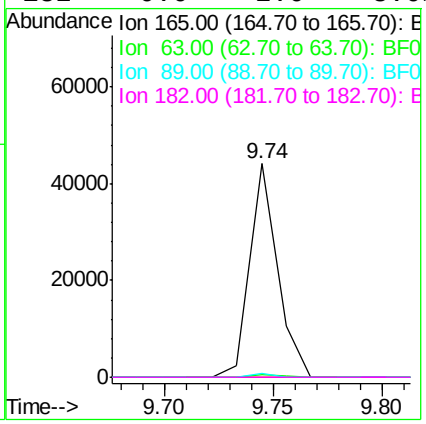


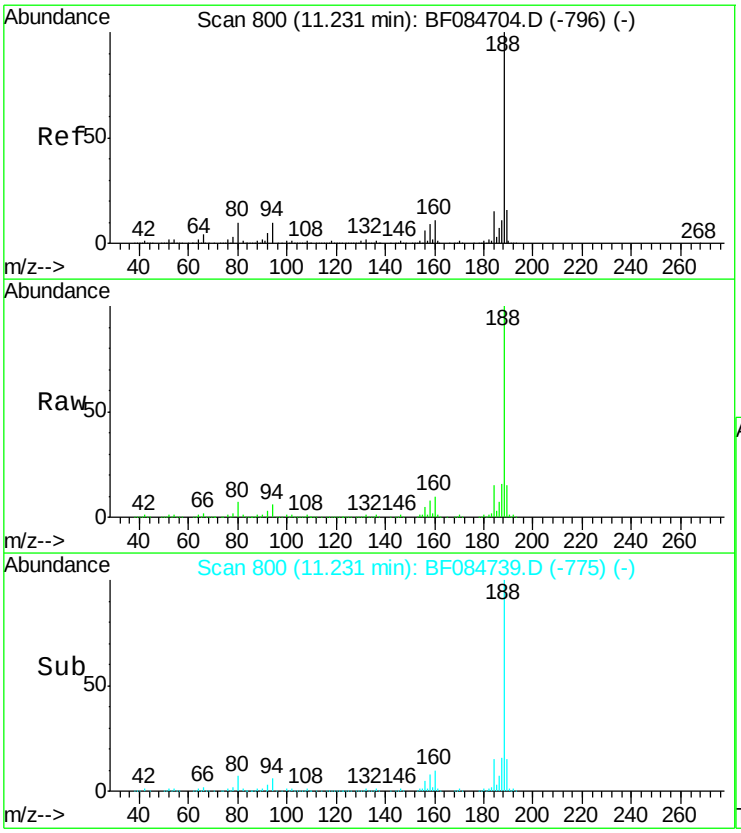
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:165 Resp: 39101

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#

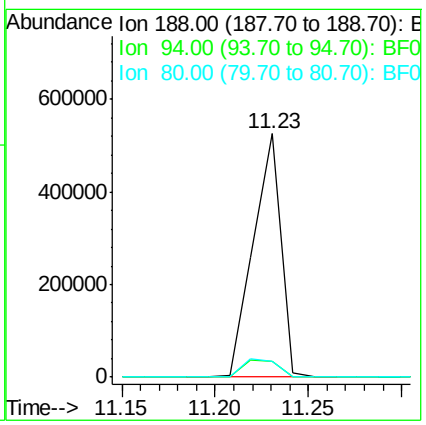


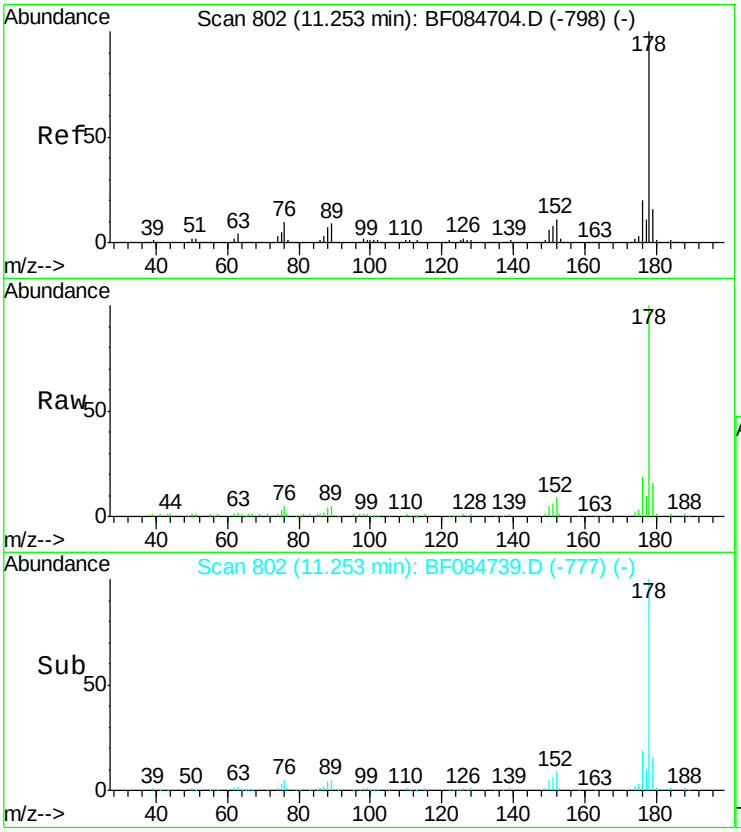


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:188 Resp: 547401

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.6	9.6	14.4#



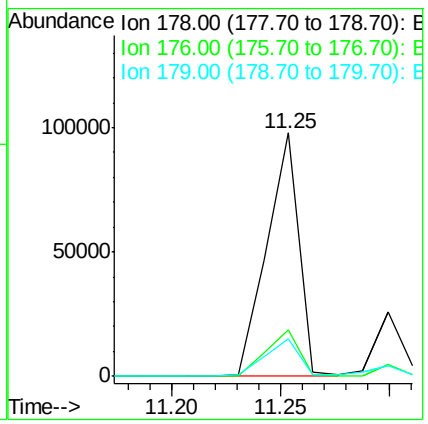


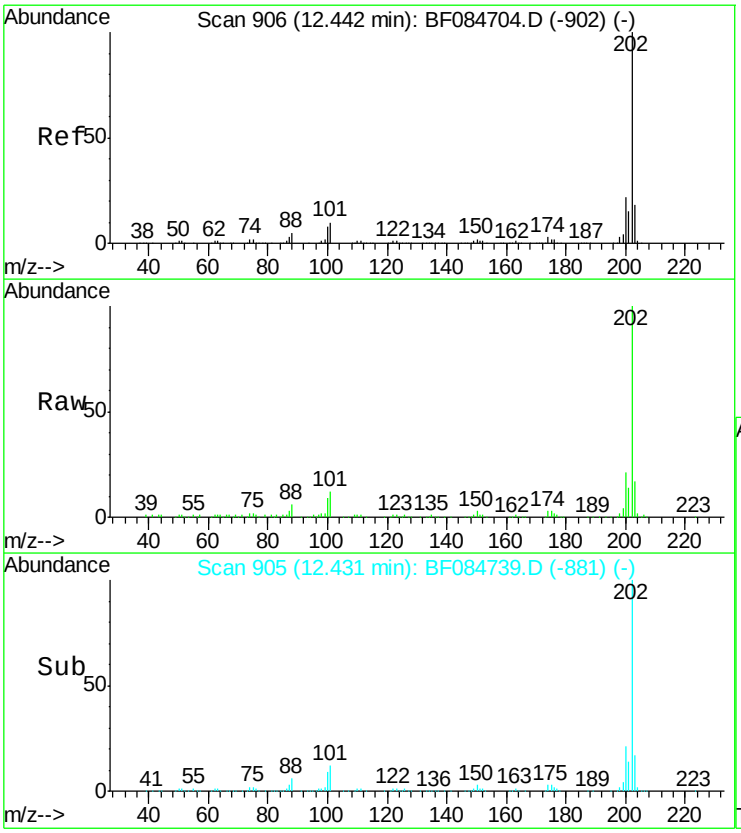
#70
Phenanthrene
Concen: 3.33 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:178 Resp: 101029

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.0	18.0

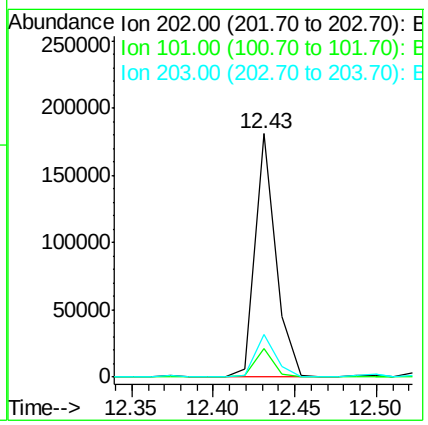


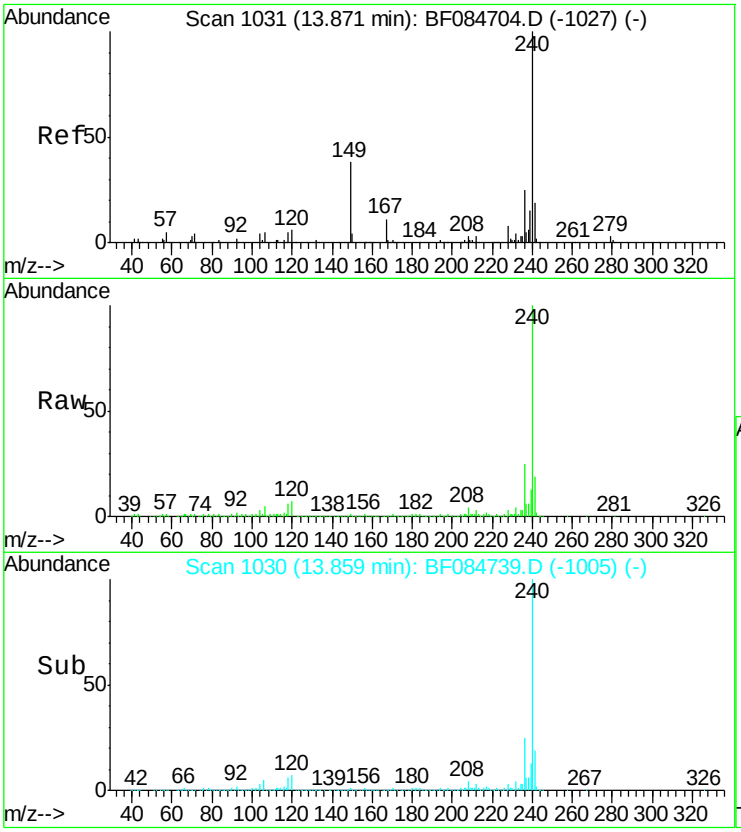


#74
Fluoranthene
Concen: 5.26 ng
RT: 12.43 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:202 Resp: 161489

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.8
203	17.5	0.0	37.9



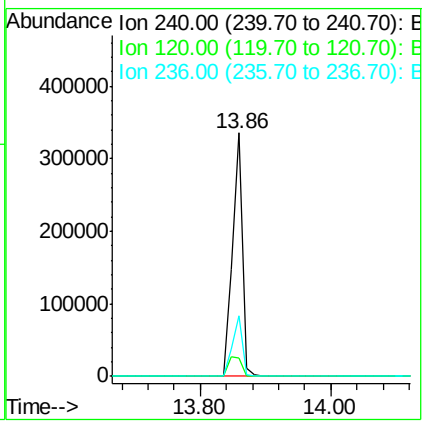


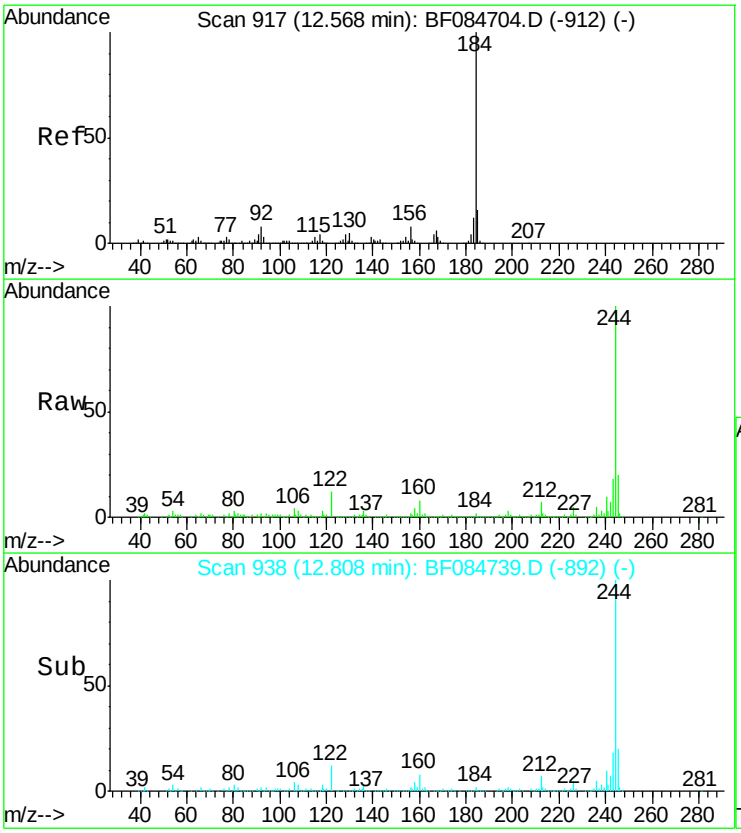
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:240 Resp: 345456

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	24.7	20.6	31.0

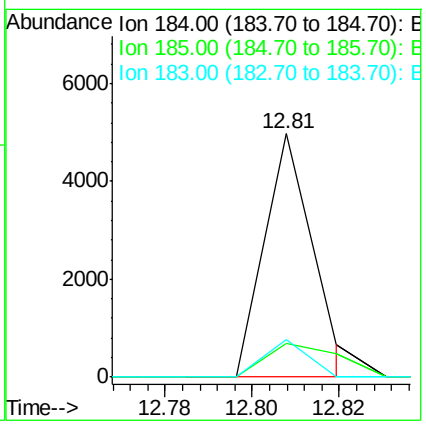


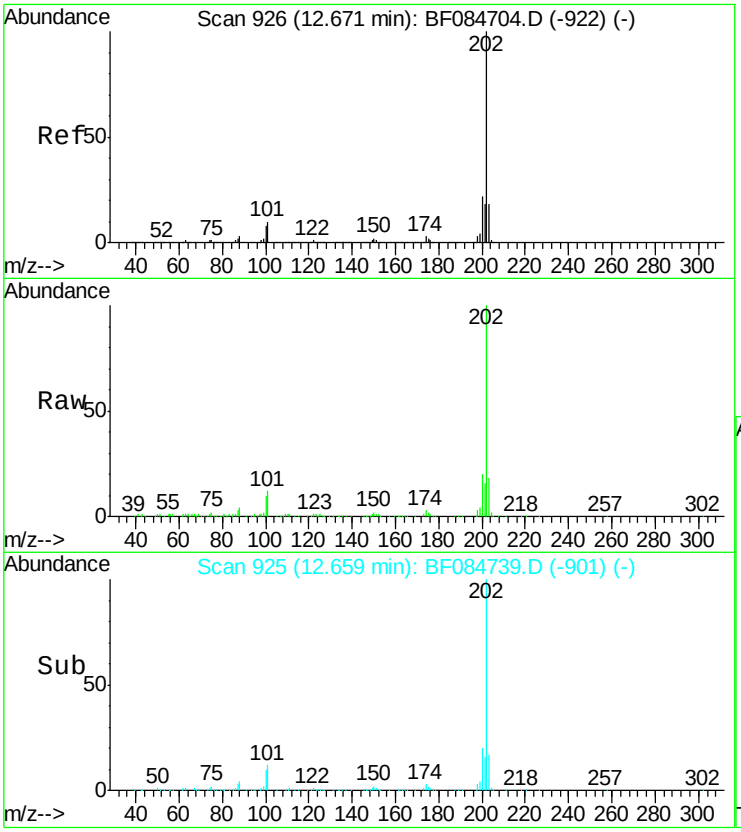


#76
Benzidine
Concen: 7.10 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.23 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:184 Resp: 3871

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.2
183	15.5	9.8	14.8#



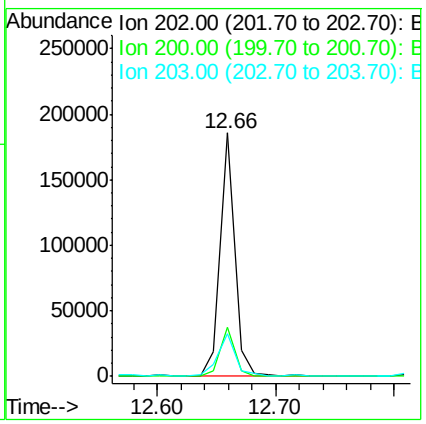


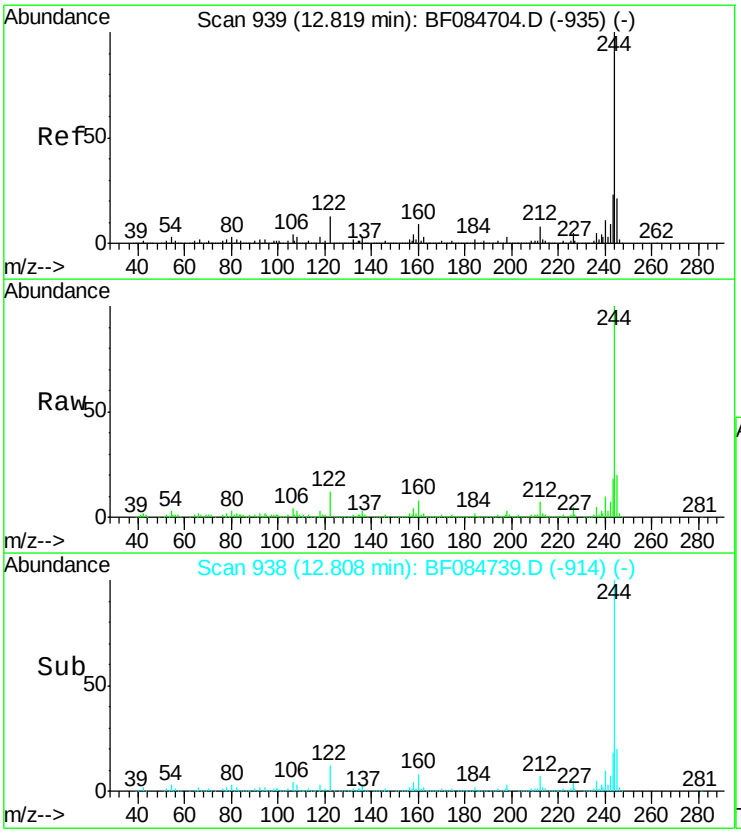
#77
Pyrene
Concen: 5.87 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:202 Resp: 155312

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	17.6	14.3	21.5

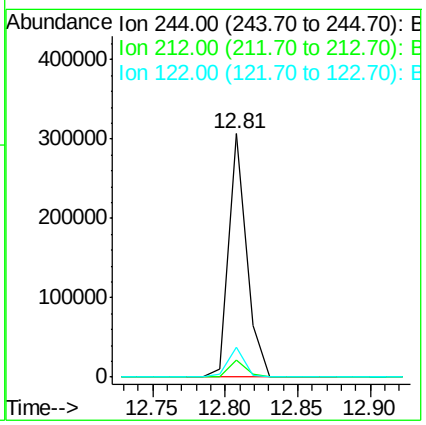


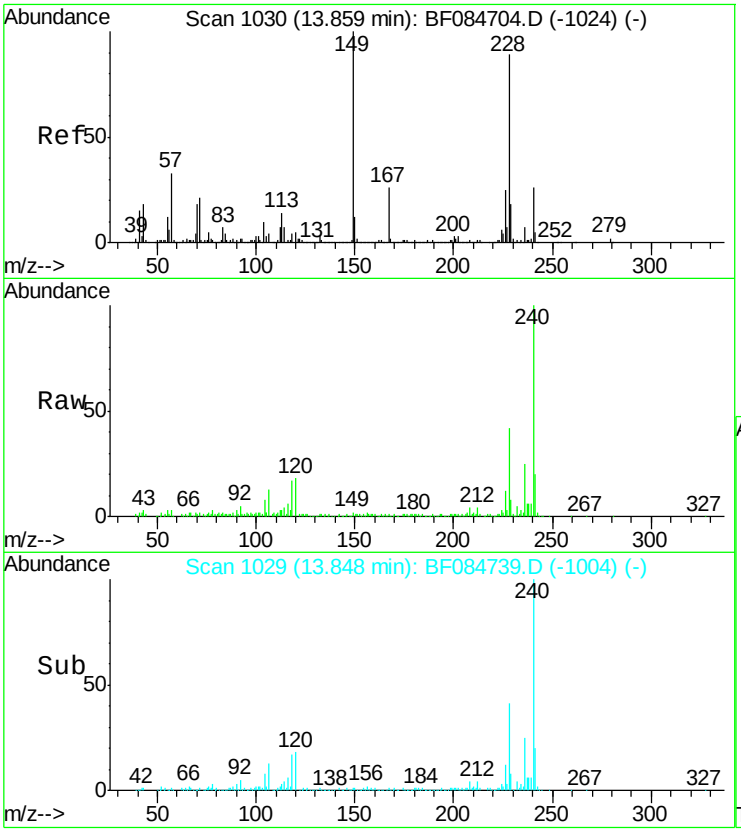


#78
Terphenyl-d14
Concen: 17.26 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:244 Resp: 263146

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.1	7.4	11.0#



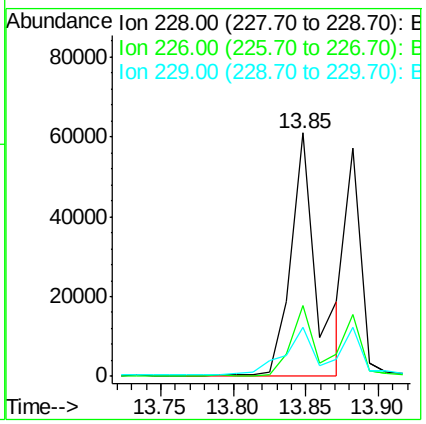


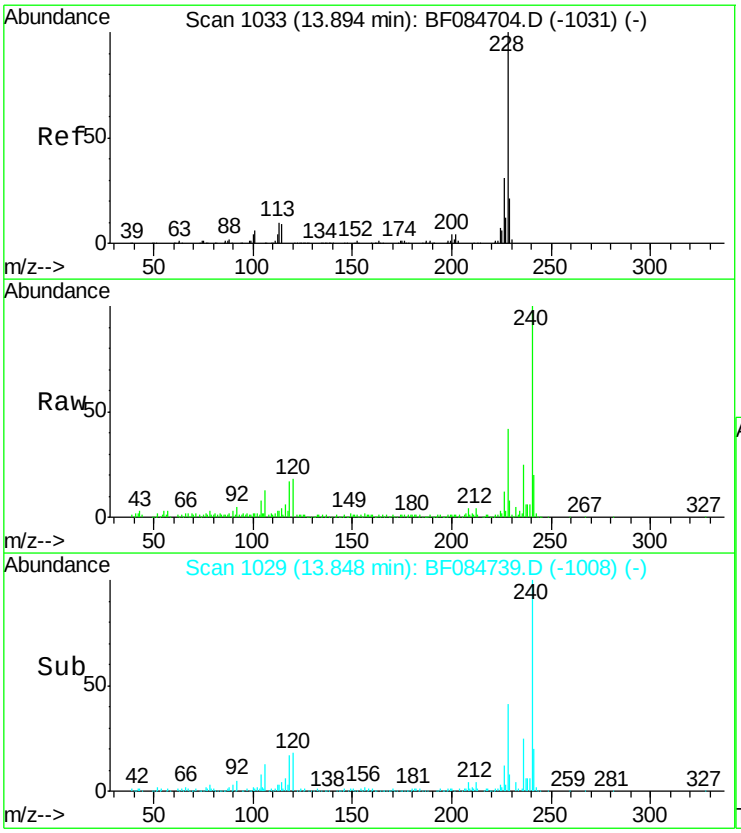
#80
Benzo(a)anthracene
Concen: 3.53 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:228 Resp: 75736

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.6
229	20.2	15.8	23.8

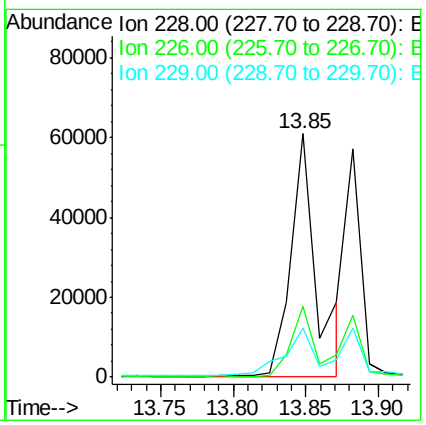


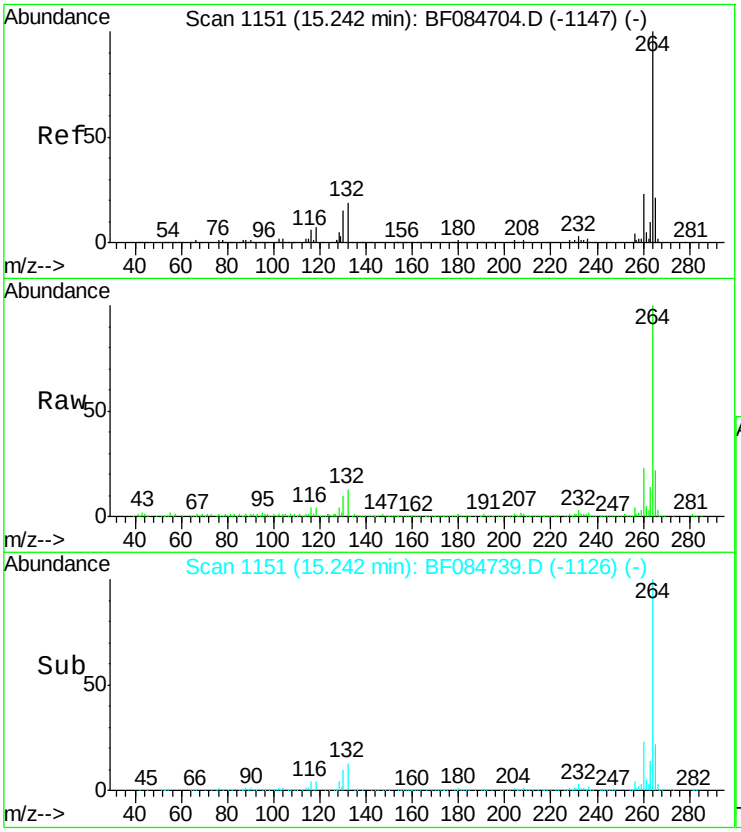


#82
Chrysene
Concen: 3.64 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:228 Resp: 75736

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.3	36.5
229	20.2	16.1	24.1



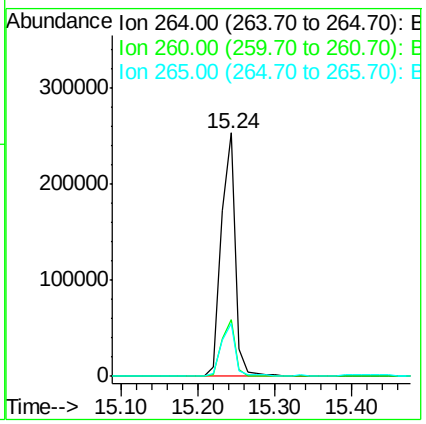


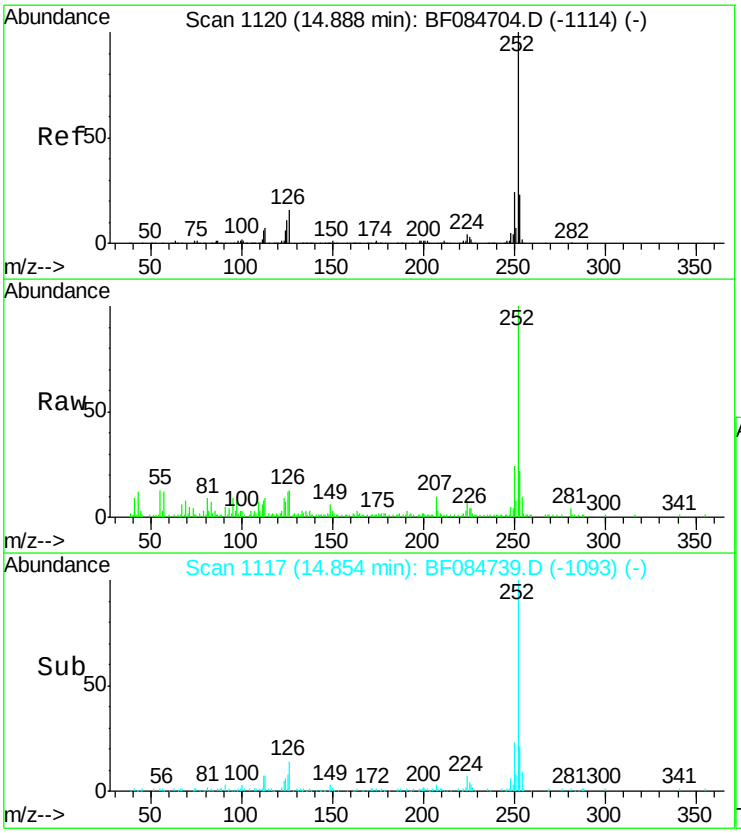
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:264 Resp: 328632

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.9	17.8	26.6

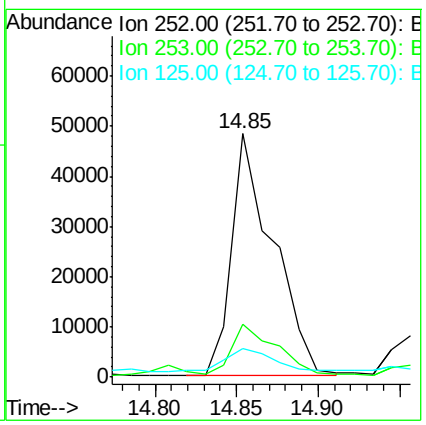


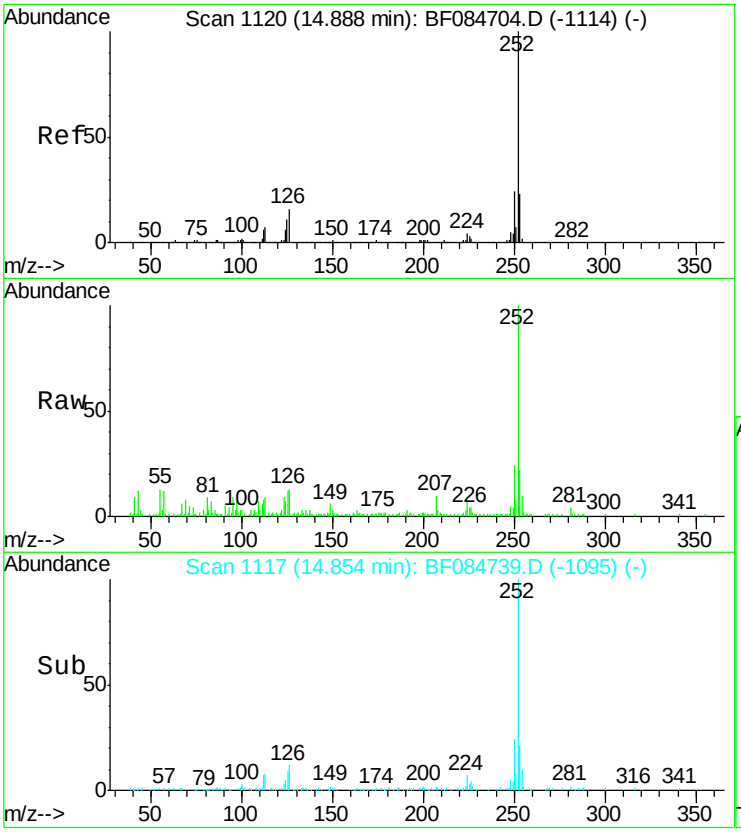


#87
Benzo(b)fluoranthene
Concen: 3.80 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:252 Resp: 83980

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.6	6.5	9.7#



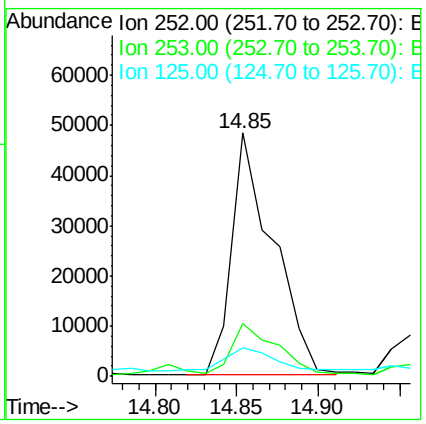


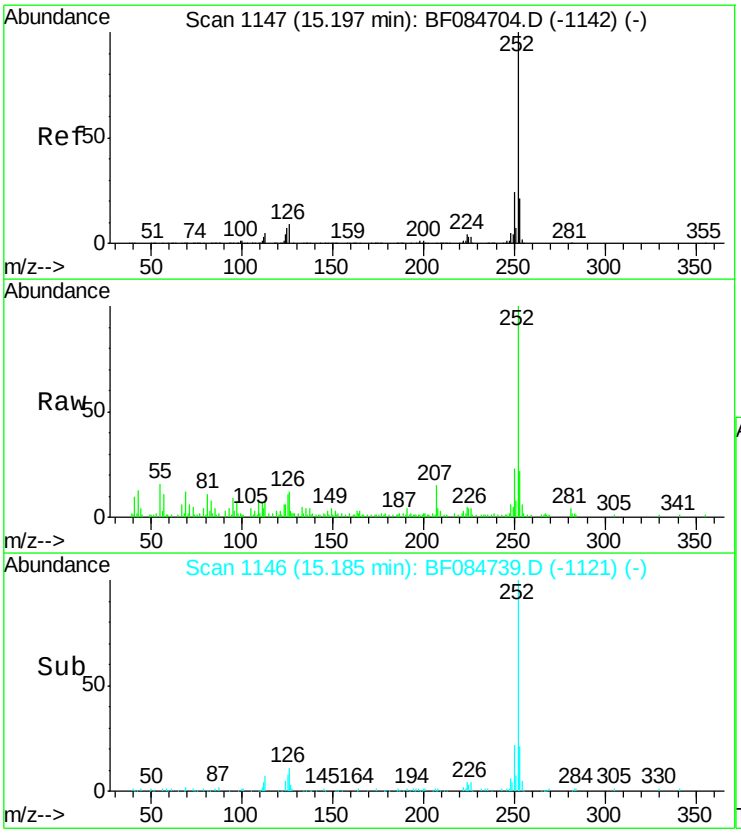
#88
Benzo(k)fluoranthene
Concen: 4.60 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.05 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:252 Resp: 83963

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.6	9.0	13.6

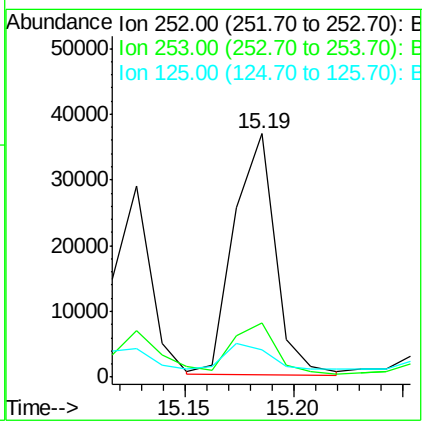


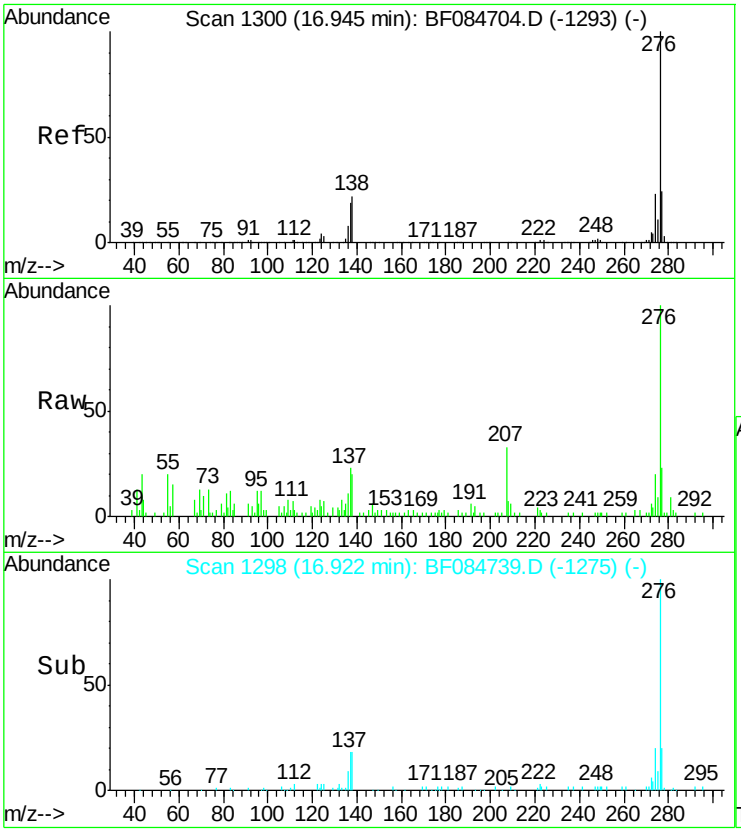


#89
Benzo(a)pyrene
Concen: 2.57 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Tgt Ion:252 Resp: 48425

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.3	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.33 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF084739.D
Acq: 2 Feb 2016 5:08

Instrument :
BNA_F
ClientSampleId :
SUP-B012(6-7.5)

Tgt Ion:276 Resp: 37202

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	20.0	17.8	26.6