Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(30.5-32.5)

Quant Time: Feb 02 05:08:02 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	162136	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	722497	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	293658	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	511383	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	353205	20.00	ng		-0.01
86) Perylene-d12	15.24	264	327157	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1226740	117.85	ng		0.00
7) Phenol-d6	6.36	99	1464970	113.52	ng		-0.01
23) Nitrobenzene-d5	7.28	82	961925	75.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	305303	99.67	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	1494274	86.04	ng		-0.01
78) Terphenyl-d14	12.81	244	1004869	64.47	ng		-0.02
Target Compounds							Qvalue
6) Aniline	6.41	93	59406	3.76	ng	#	36
9) Benzaldehyde	6.26	77	16778	2.20	ng	#	77
11) bis(2-Chloroethyl)ether	6.46	93	26549	2.36	ng	#	33
15) Benzyl Alcohol	6.85	79	217936	24.46	ng	#	1
18) Hexachloroethane	7.30	117	15152	3.16	ng	#	6
19) n-Nitroso-di-n-propylamine	7.28	70	135660	16.77	ng	#	70
24) Nitrobenzene	7.30	77	160069	11.65	ng		91
28) bis(2-Chloroethoxy)methane	7.90	93	54492	3.68	ng	#	1
49) Dimethylphthalate	9.47	163	211480	9.46	ng	#	89
60) 4-Chlorophenyl-phenylether	10.12	204	1589	Below Cal		#	30
66) 4-Bromophenyl-phenylether	10.53	248	19117	3.38	ng	#	1
70) Phenanthrene	11.25	178	123653	4.36	ng		100
74) Fluoranthene	12.43	202	214254	7.46	ng		98
76) Benzidine	12.64	184	520	6.92	ng	#	1
77) Pyrene	12.66	202	205629	7.60	ng		98
80) Benzo(a)anthracene	13.85	228	95244	4.34	ng		95
82) Chrysene	13.85	228	95244	4.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.55	276	50140	3.00	ng		96
87) Benzo(b)fluoranthene	14.87	252	114979	5.23	ng	#	89
88) Benzo(k)fluoranthene	14.87	252	113325	6.24	ng	#	93
89) Benzo(a)pyrene	15.19	252	67610	3.61	ng	#	92
91) Benzo(g,h,i)perylene	16.93	276	52498	3.31	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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Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Quant Time: Feb 02 05:08:02 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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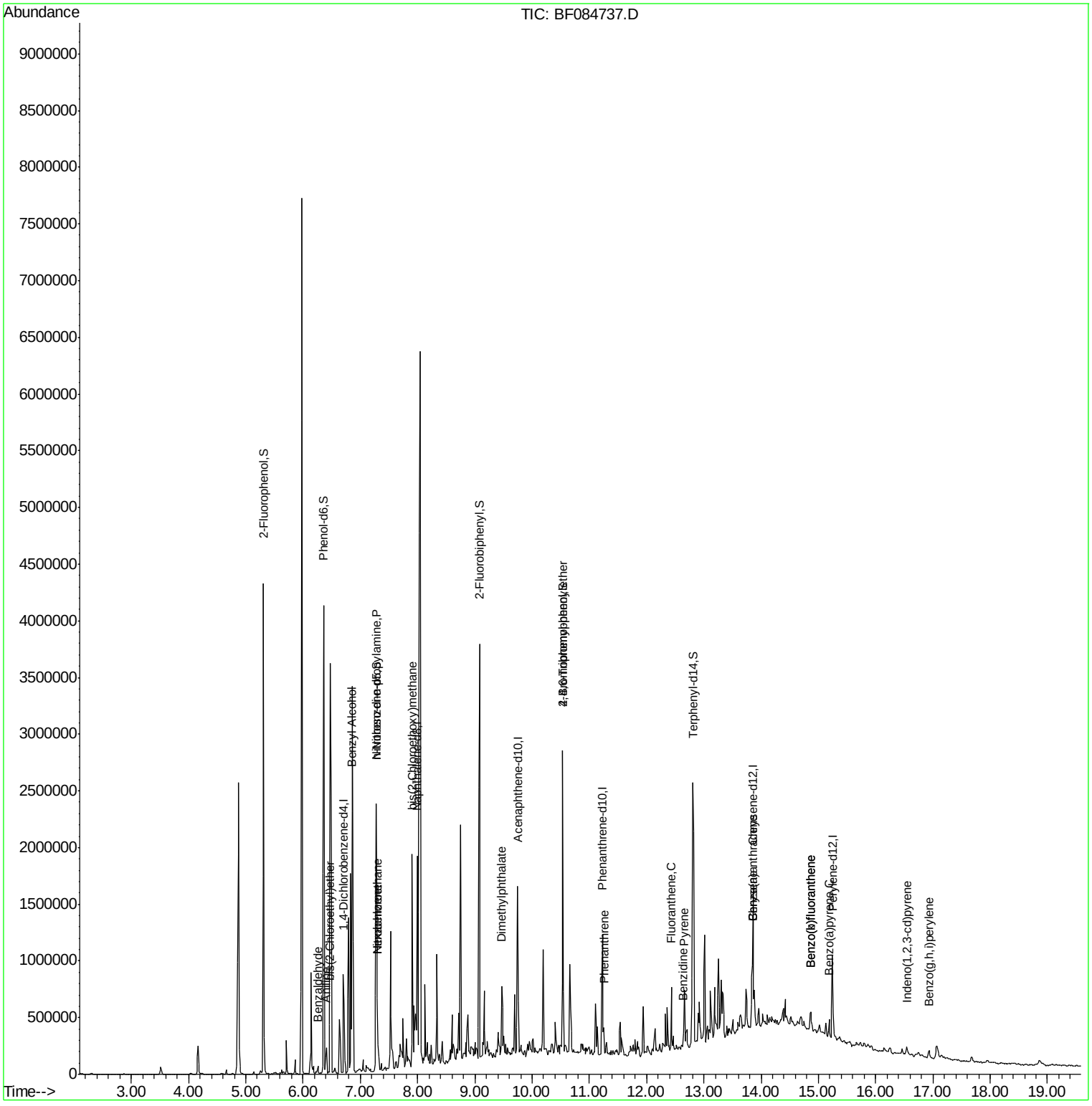
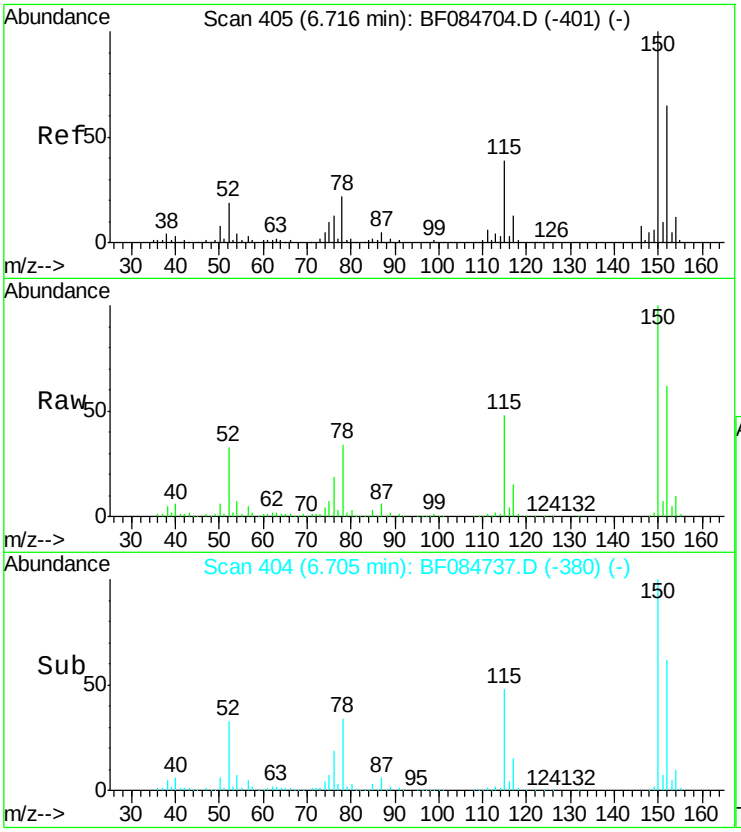


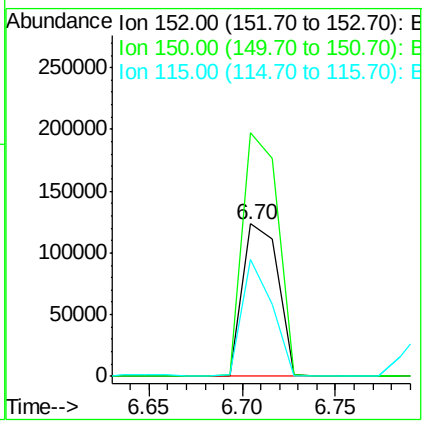


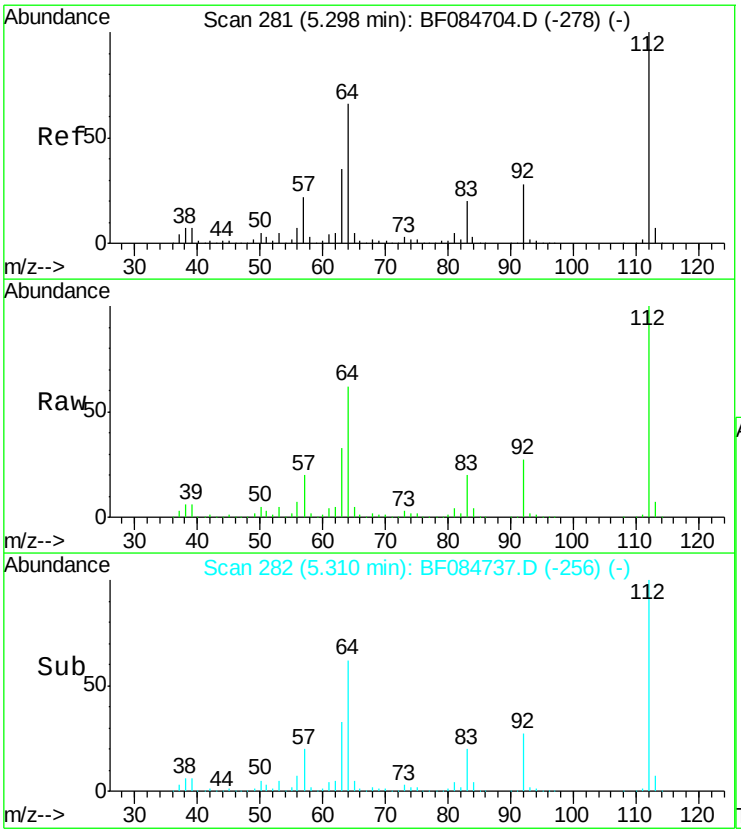
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:152 Resp: 162136

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.0	184.4
115	76.5	51.4	77.2

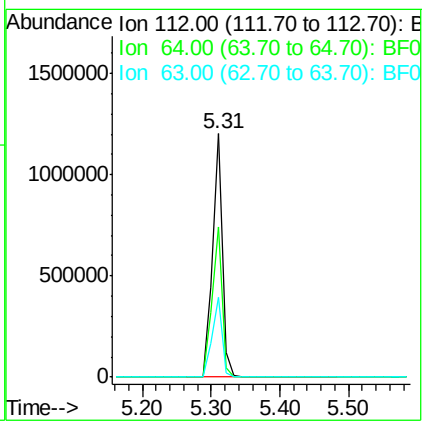


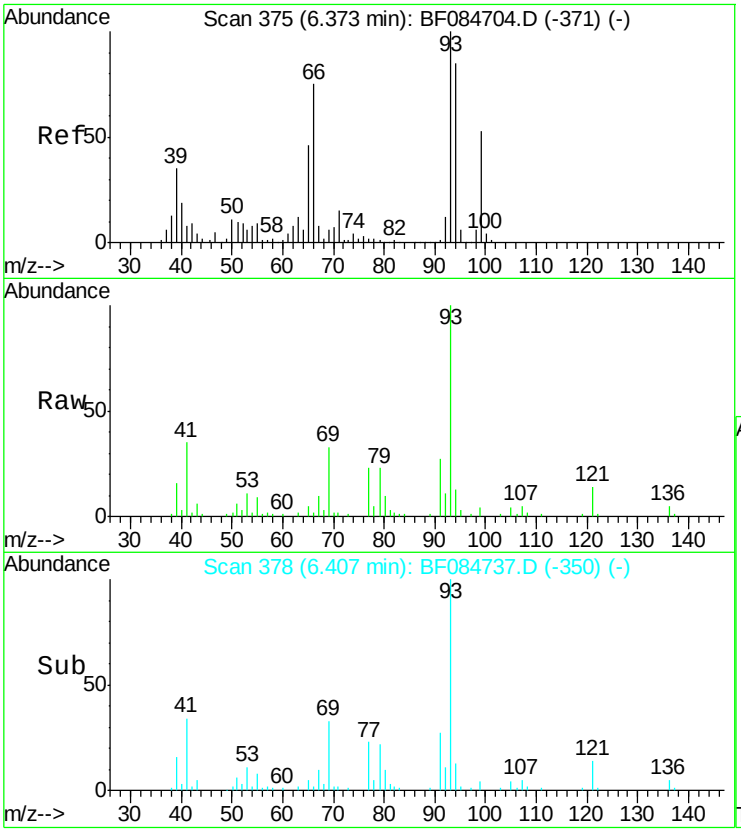


#5
2-Fluorophenol
Concen: 117.85 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:112 Resp: 1226740

Ion	Ratio	Lower	Upper
112	100		
64	61.9	36.6	55.0#
63	32.7	19.4	29.0#



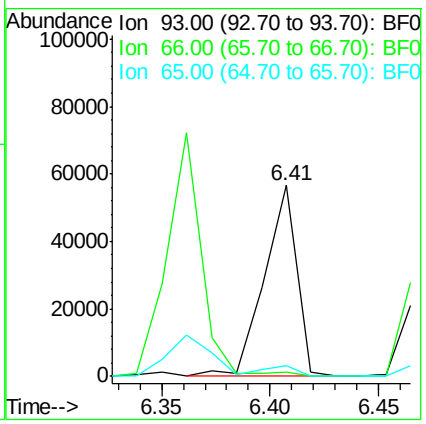


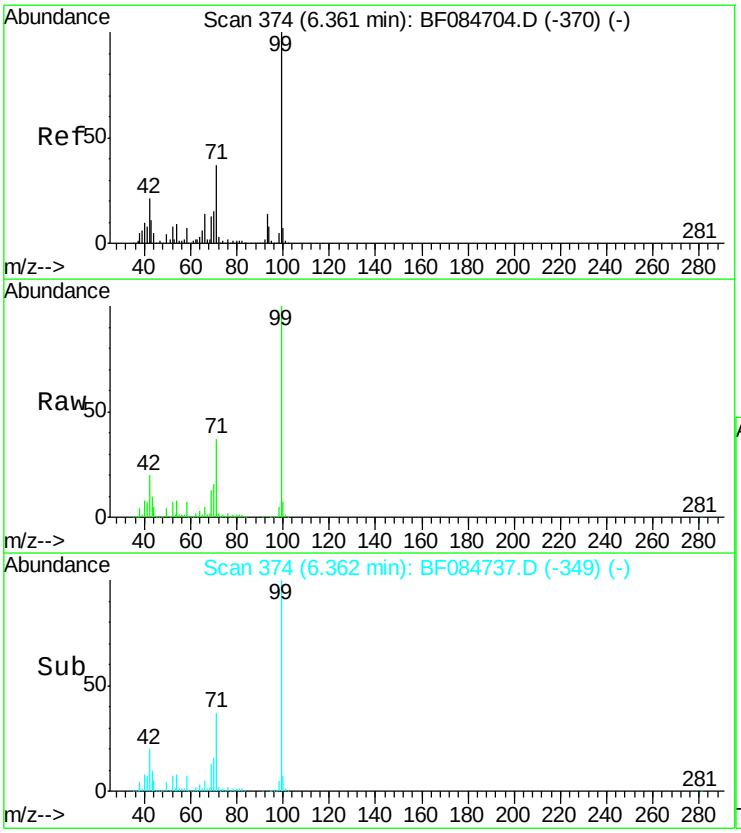
#6
Aniline
Concen: 3.76 ng
RT: 6.41 min Scan# 378
Delta R.T. 0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 93 Resp: 59406

Ion	Ratio	Lower	Upper
93	100		
66	2.2	44.9	67.3#
65	5.3	23.7	35.5#

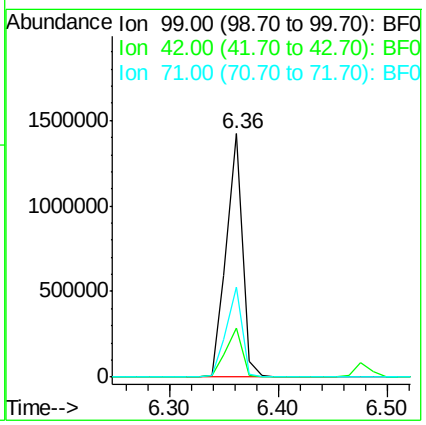


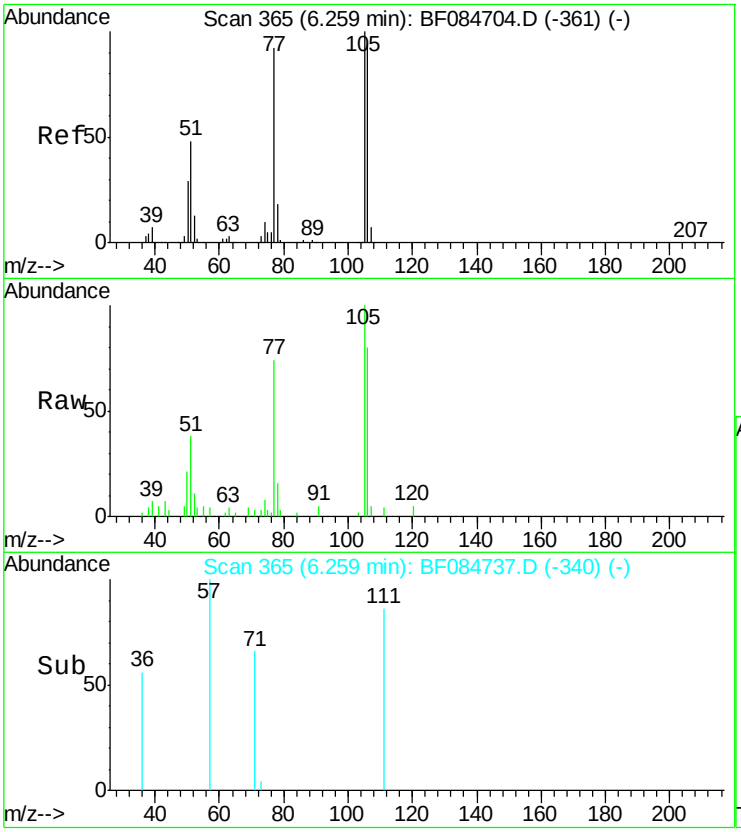


#7
Phenol-d6
Concen: 113.52 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion: 99 Resp: 1464970

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	37.2	30.9	46.3



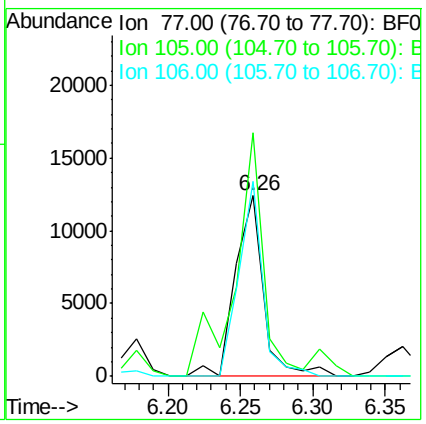


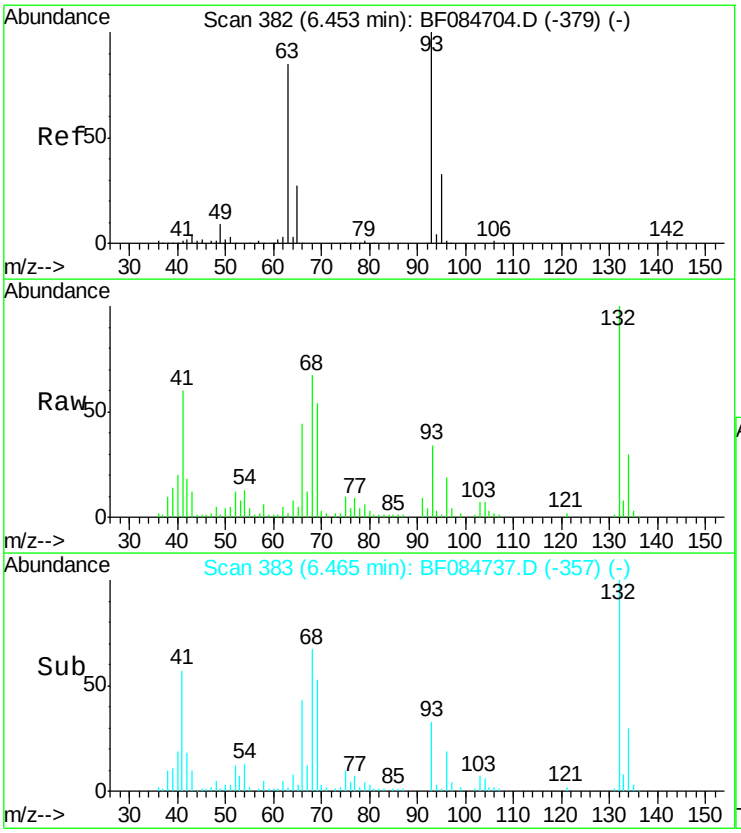
#9
Benzaldehyde
Concen: 2.20 ng
RT: 6.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 77 Resp: 16778

Ion	Ratio	Lower	Upper
77	100		
105	134.7	83.0	123.0#
106	108.2	74.6	114.6

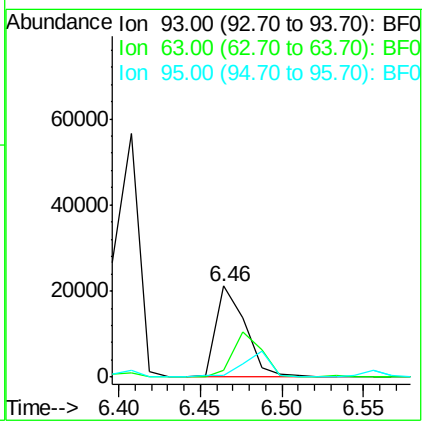


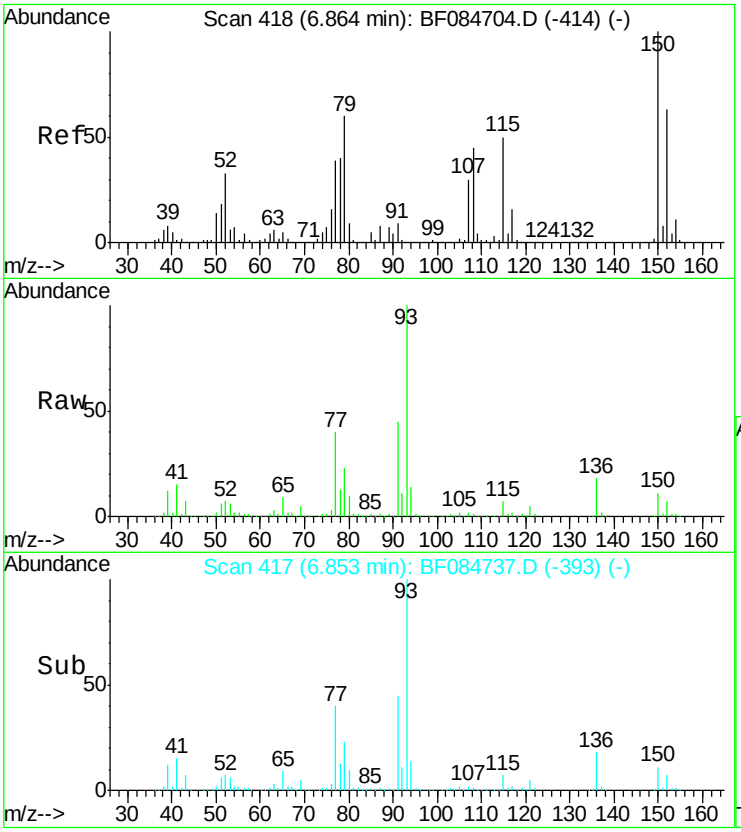


#11
bis(2-Chloroethyl)ether
Concen: 2.36 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion: 93 Resp: 26549

Ion	Ratio	Lower	Upper
93	100		
63	7.4	45.9	85.9#
95	2.3	12.3	52.3#



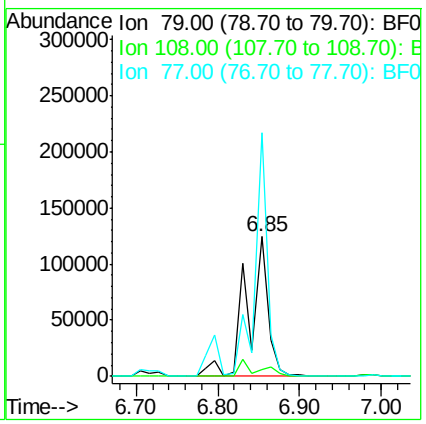


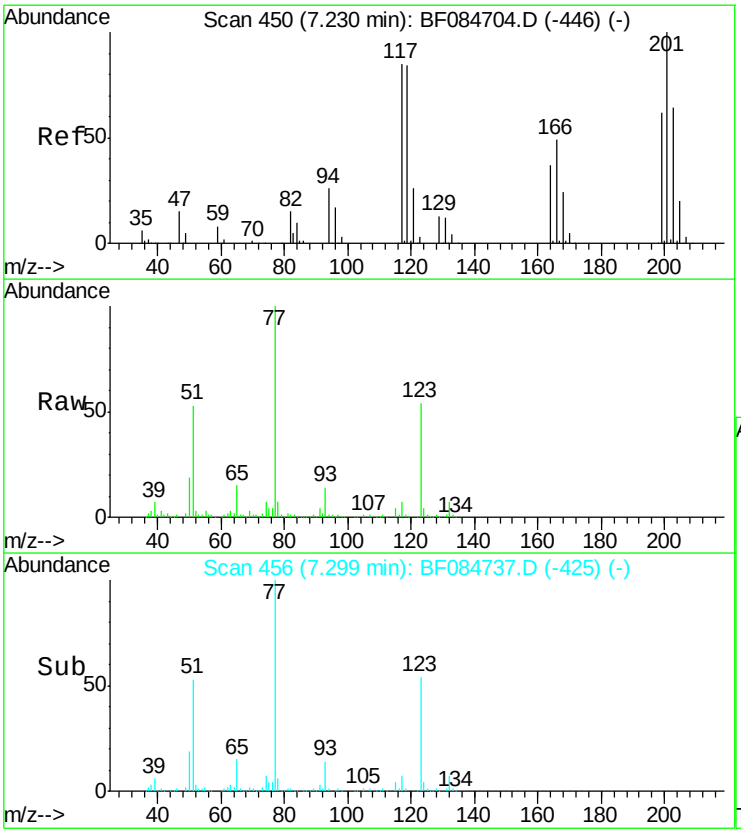
#15
Benzyl Alcohol
Concen: 24.46 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 79 Resp: 217936

Ion	Ratio	Lower	Upper
79	100		
108	4.6	69.0	103.4#
77	174.5	50.0	75.0#

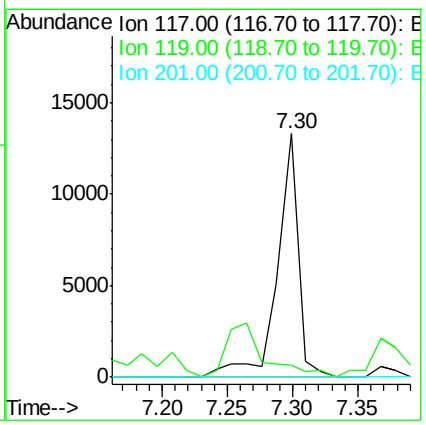


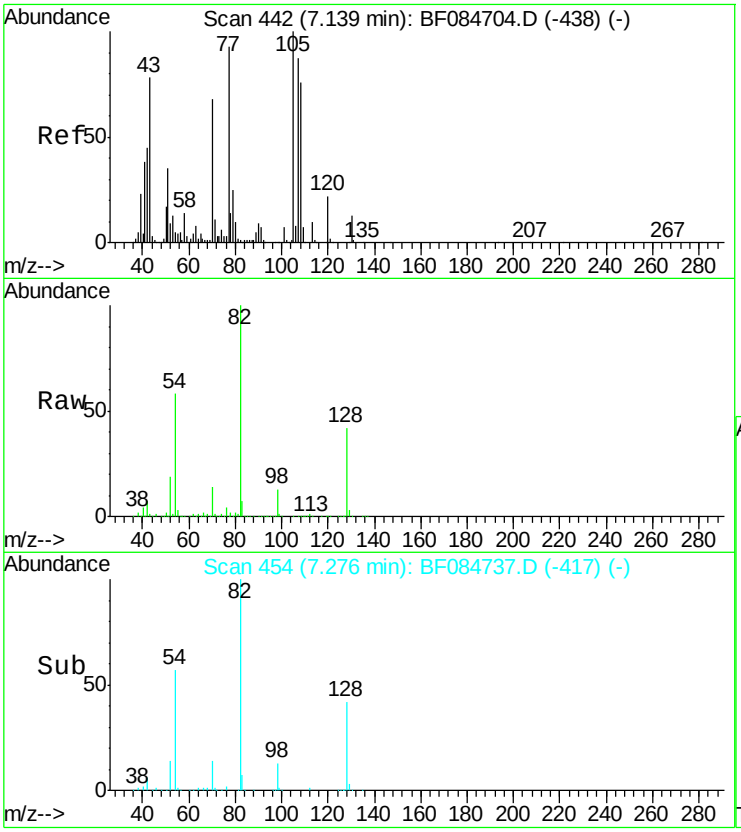


#18
Hexachloroethane
Concen: 3.16 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.06 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:117 Resp: 15152

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
201	0.0	68.6	103.0#



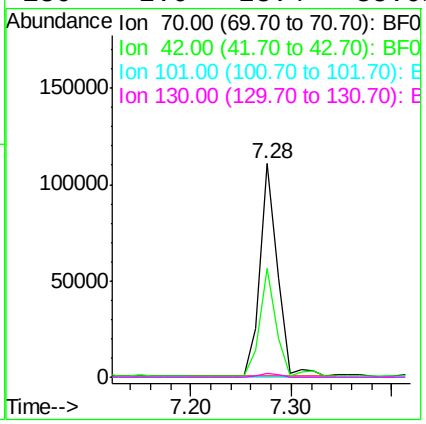


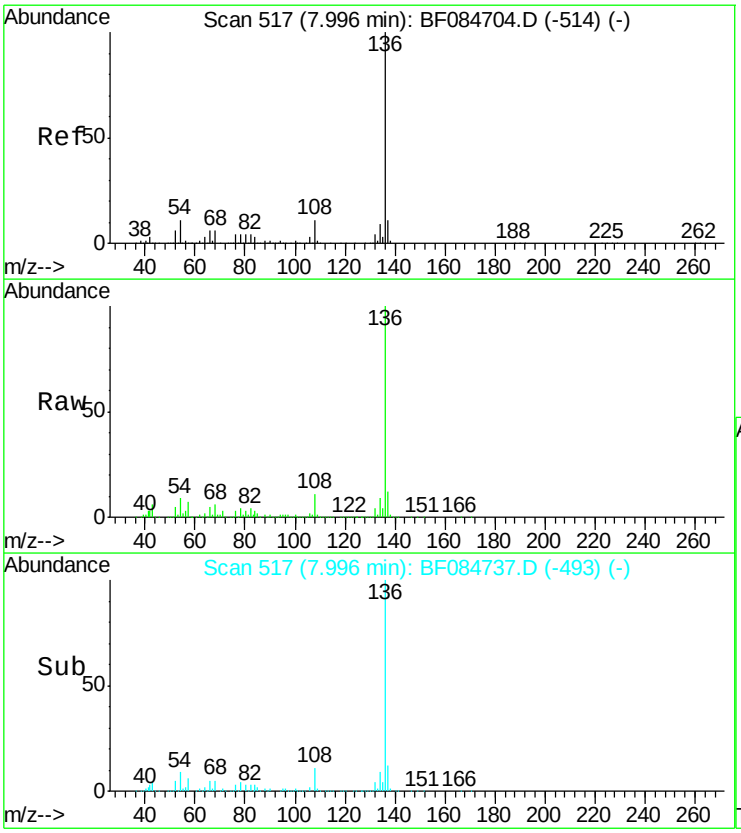
#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 70 Resp: 135660

Ion	Ratio	Lower	Upper
70	100		
42	50.8	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

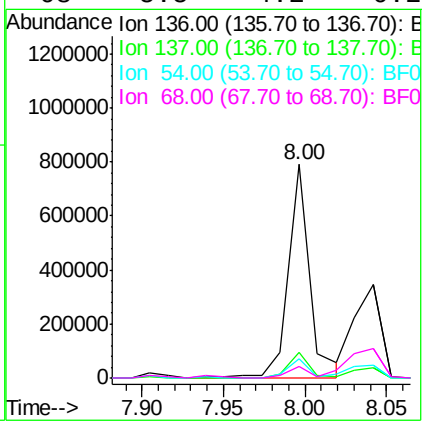


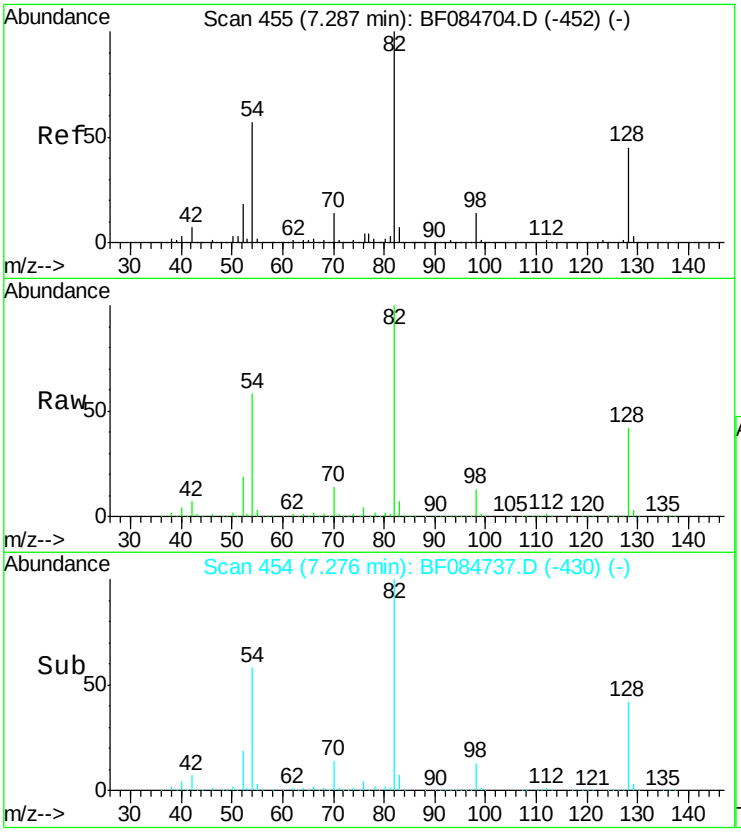


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:136 Resp: 722497

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	9.1	5.8	8.8#
68	5.5	4.2	6.2



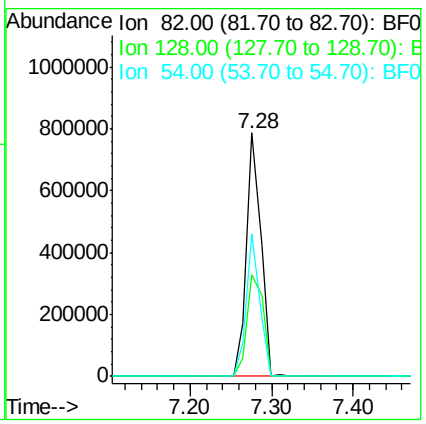


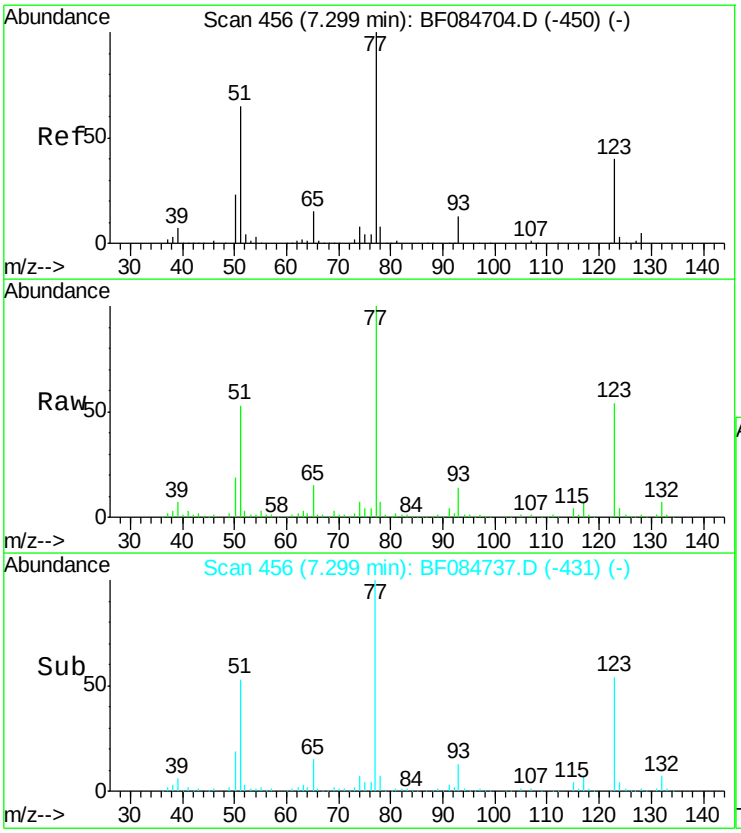
#23
Nitrobenzene-d5
Concen: 75.00 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 82 Resp: 961925

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	58.5	38.4	57.6#

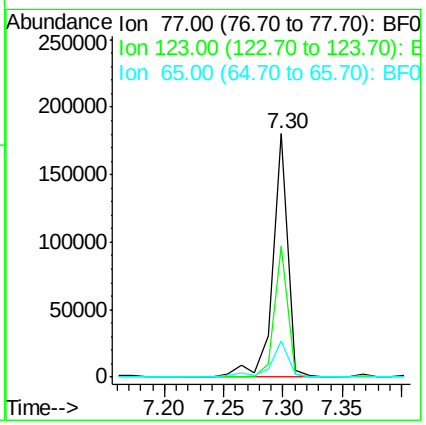


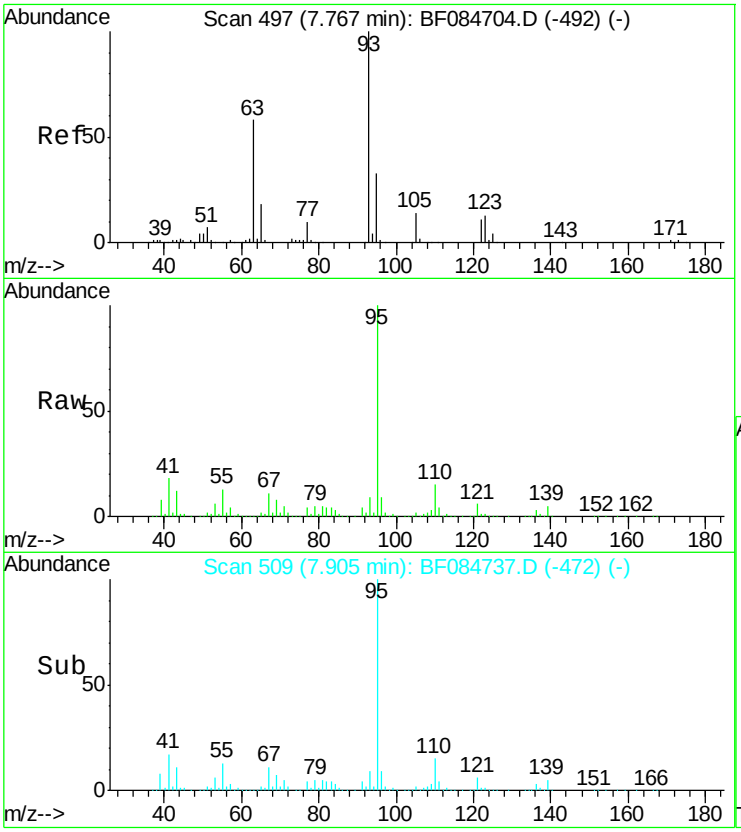


#24
Nitrobenzene
Concen: 11.65 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion: 77 Resp: 160069

Ion	Ratio	Lower	Upper
77	100		
123	53.7	37.4	56.2
65	14.7	10.9	16.3



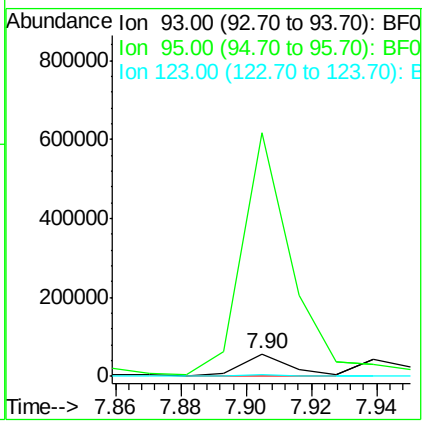


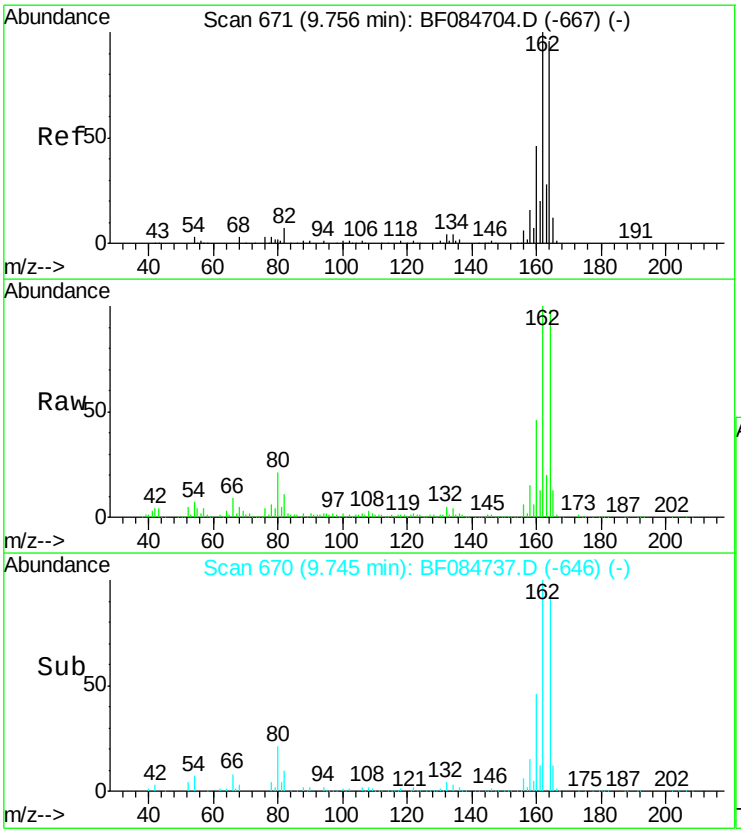
#28
bis(2-Chloroethoxy)methane
Concen: 3.68 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.13 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion: 93 Resp: 54492

Ion	Ratio	Lower	Upper
93	100		
95	1073.1	25.8	38.6#
123	7.8	8.6	12.8#

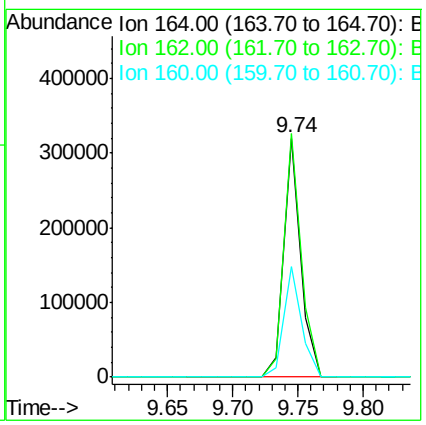


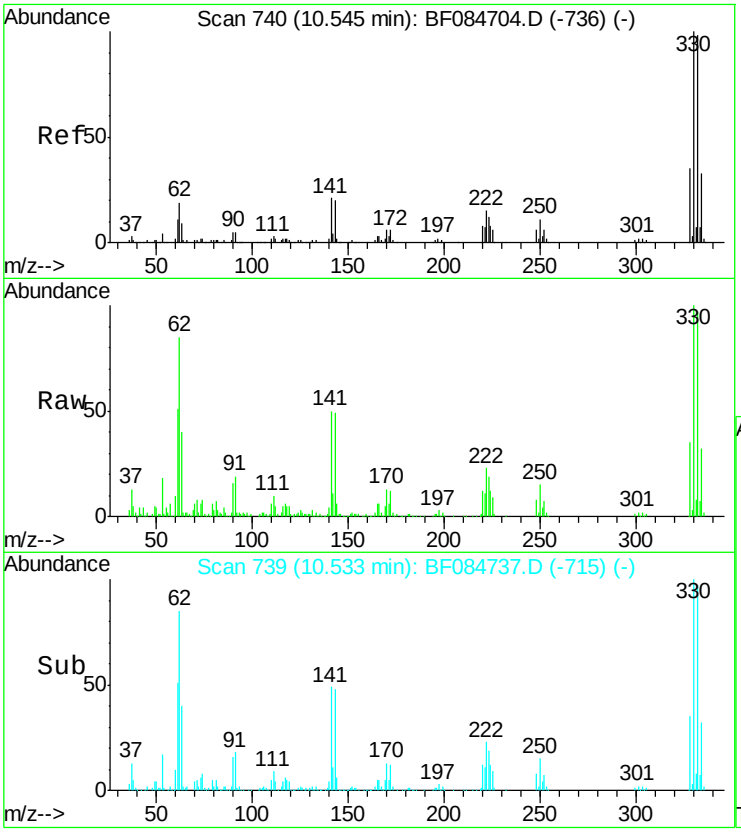


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:164 Resp: 293658

Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	46.5	37.5	56.3



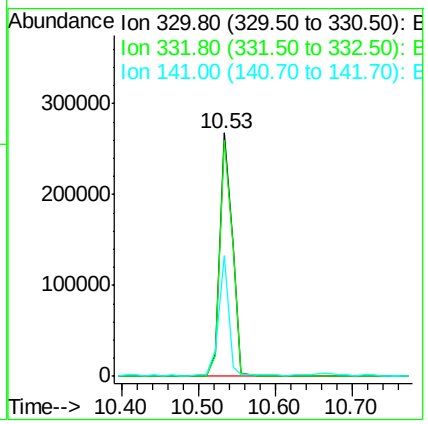


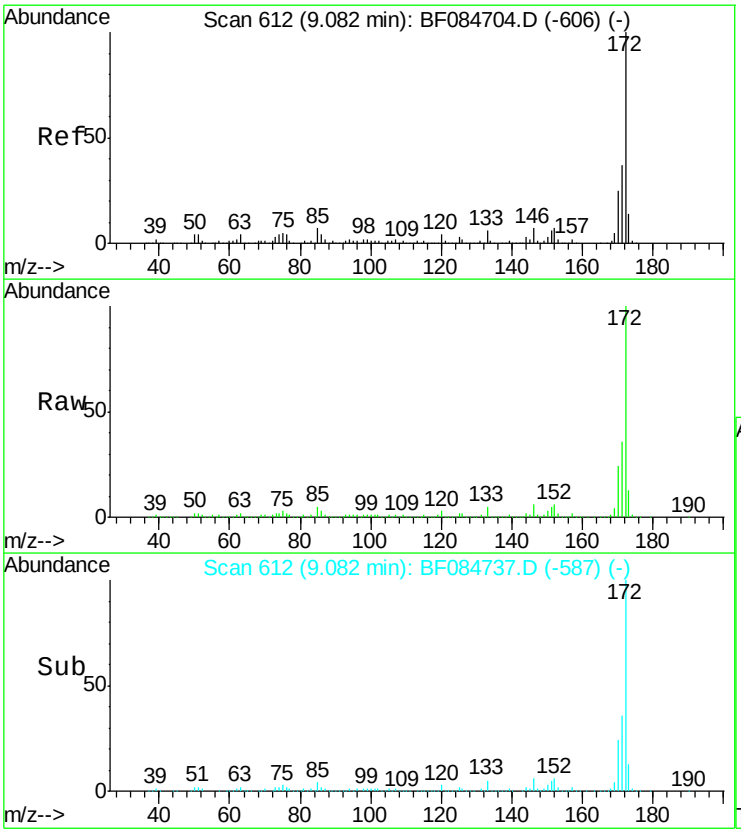
#41
2,4,6-Tribromophenol
Concen: 99.67 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:330 Resp: 305303

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	38.6	27.8	41.6

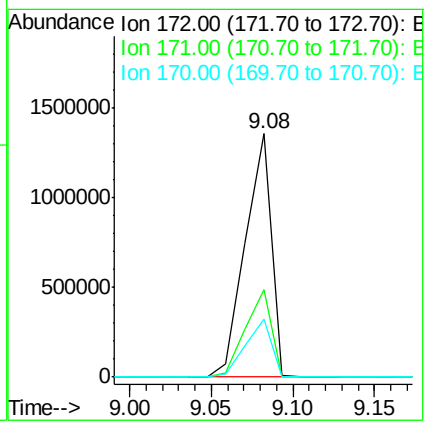


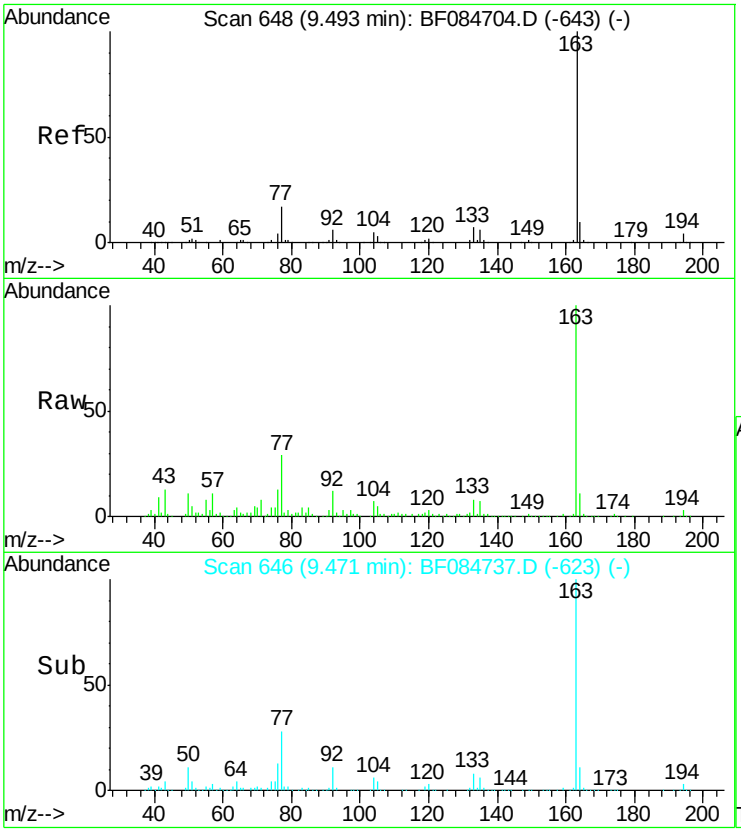


#44
2-Fluorobiphenyl
Concen: 86.04 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:172 Resp: 1494274

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.0	18.6	27.8



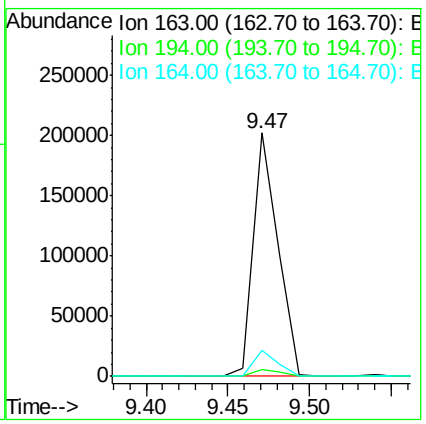


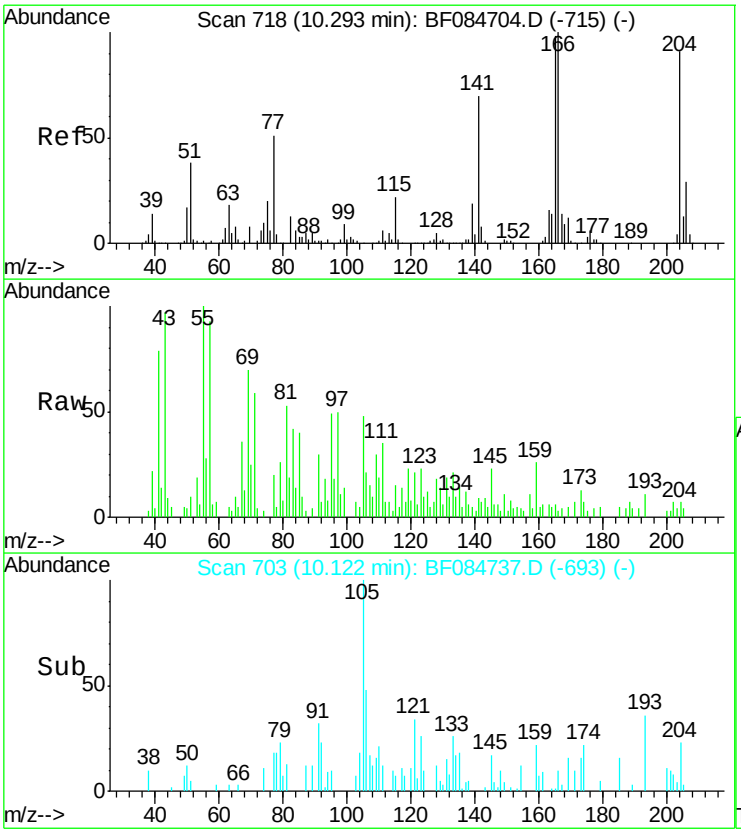
#49
Dimethylphthalate
Concen: 9.46 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:163 Resp: 211480

Ion	Ratio	Lower	Upper
163	100		
194	2.8	8.0	12.0#
164	10.6	8.0	12.0

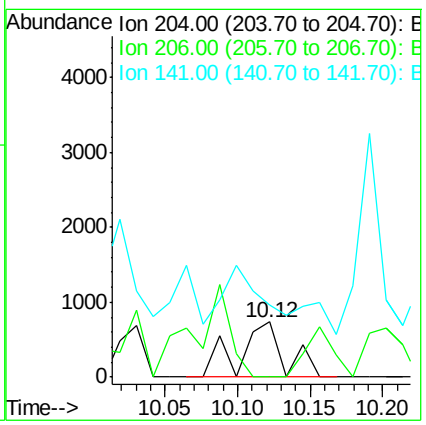


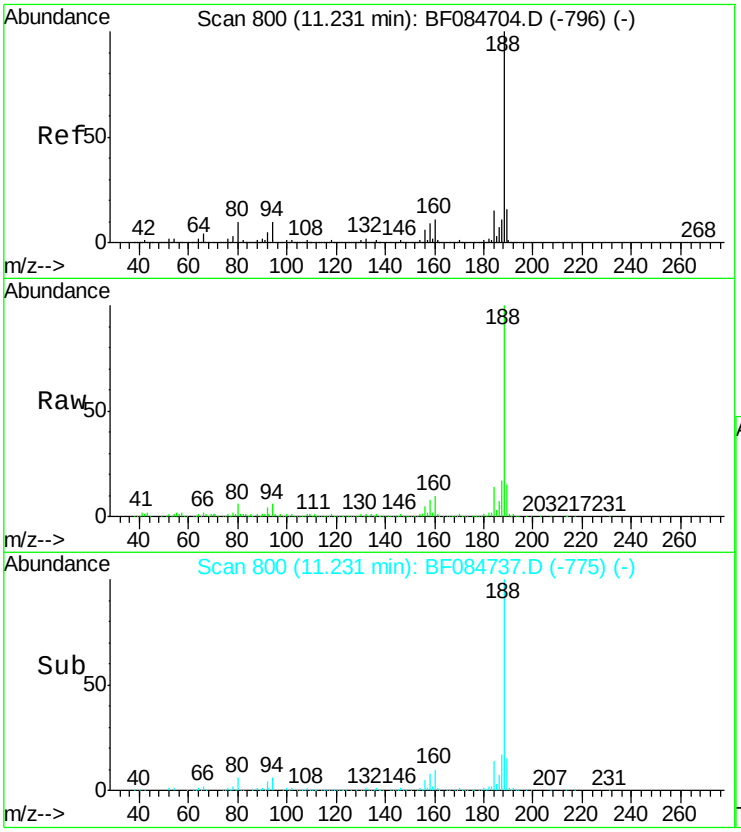


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.12 min Scan# 703
Delta R.T. -0.18 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:204 Resp: 1589

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	130.7	55.1	82.7#



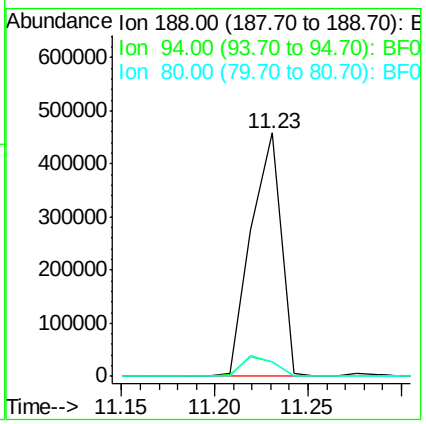


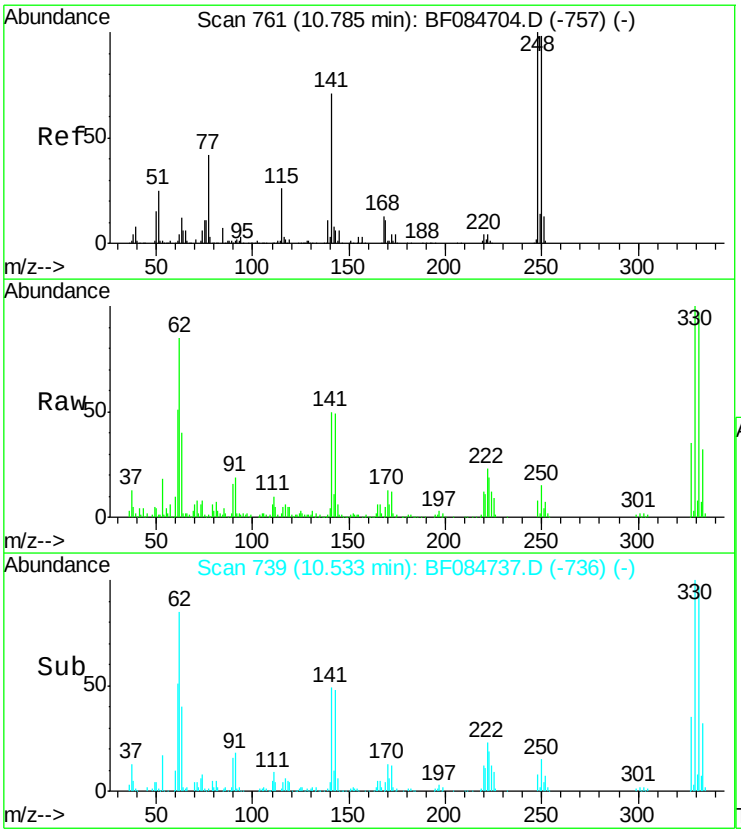
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:188 Resp: 511383

Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.0	13.4#
80	6.2	9.6	14.4#

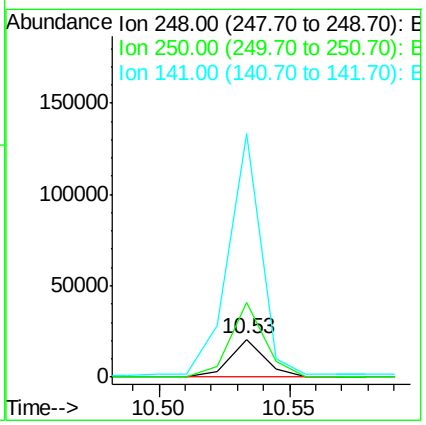


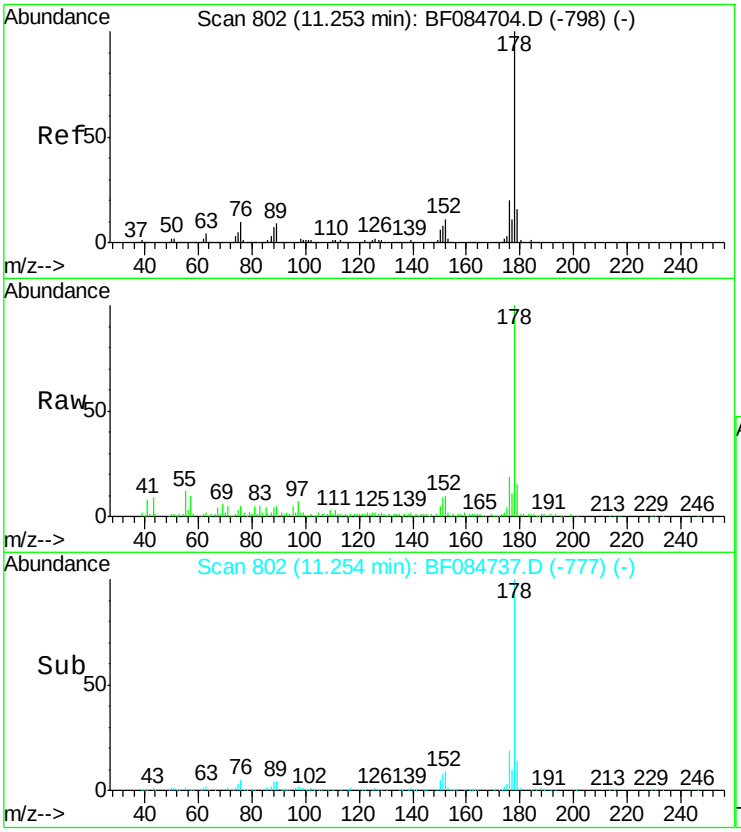


#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:248 Resp: 19117

Ion	Ratio	Lower	Upper
248	100		
250	197.4	78.4	117.6#
141	646.0	44.0	66.0#



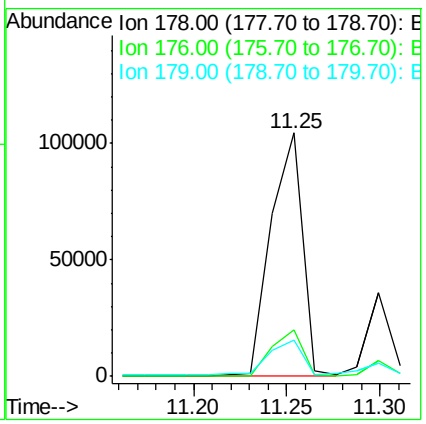


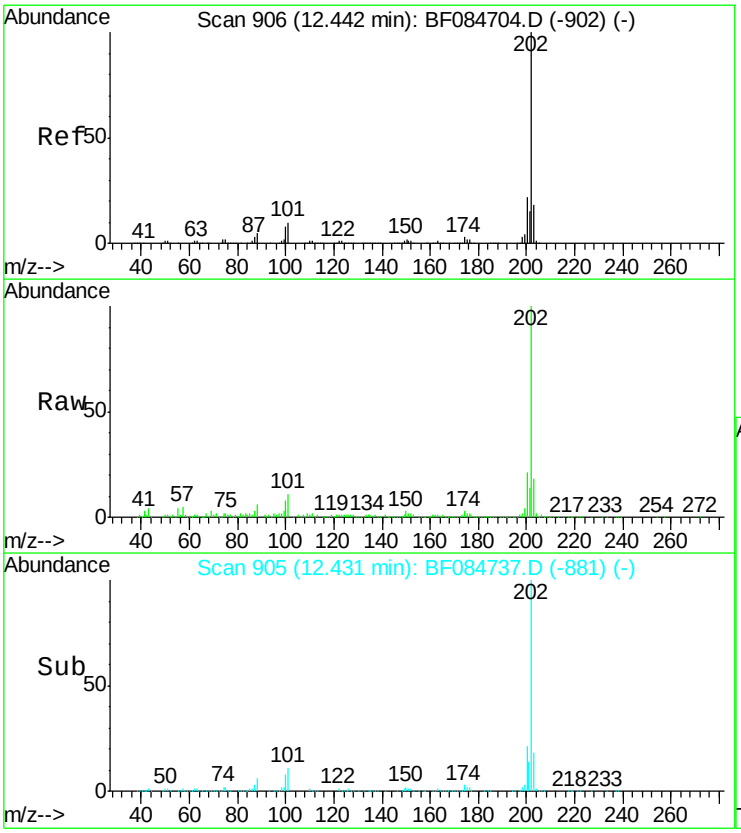
#70
Phenanthrene
Concen: 4.36 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:178 Resp: 123653

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

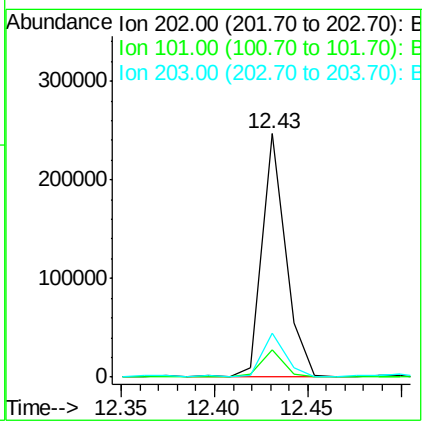


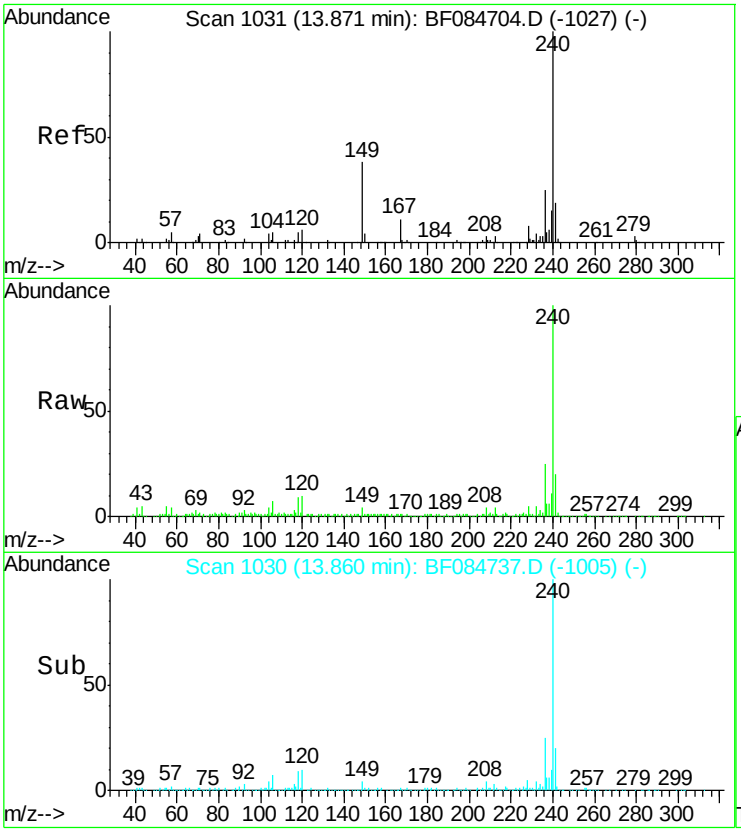


#74
Fluoranthene
Concen: 7.46 ng
RT: 12.43 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:202 Resp: 214254

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.8
203	18.0	0.0	37.9



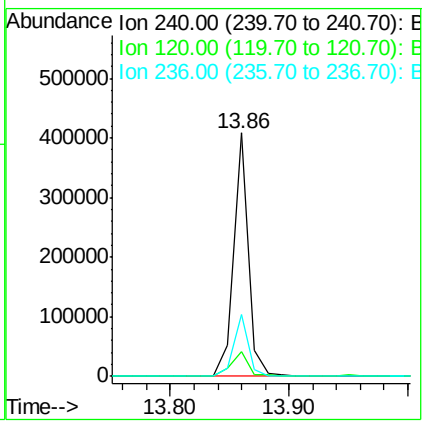


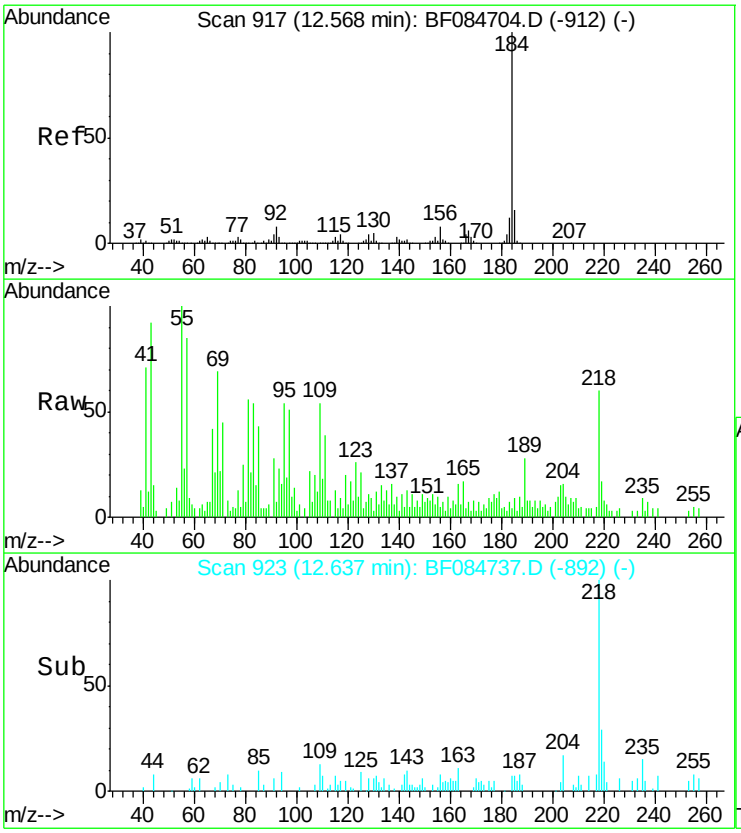
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:240 Resp: 353205

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.3	20.6	31.0

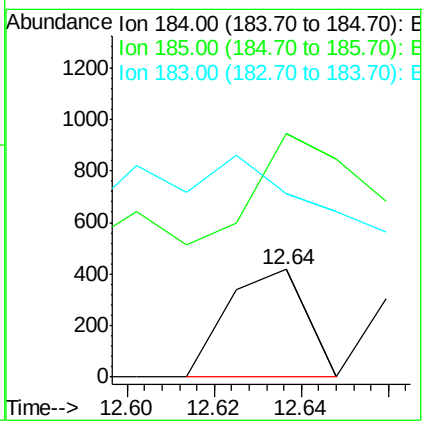


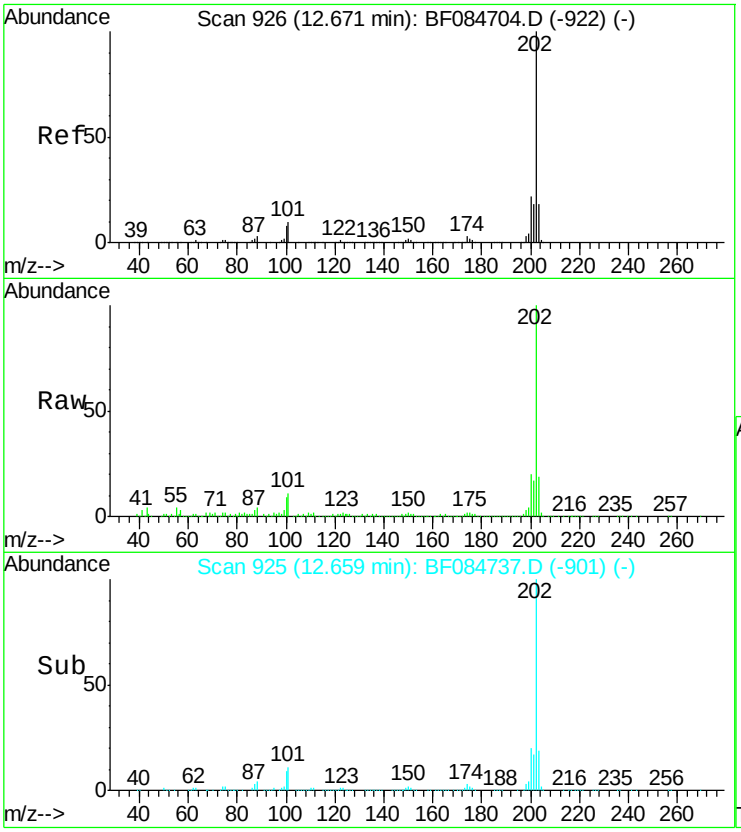


#76
Benzidine
Concen: 6.92 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.06 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:184 Resp: 520

Ion	Ratio	Lower	Upper
184	100		
185	225.8	12.2	18.2#
183	170.6	9.8	14.8#



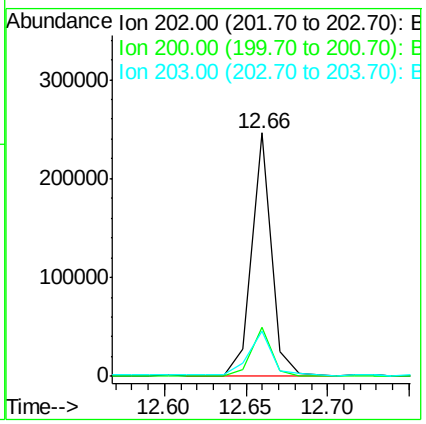


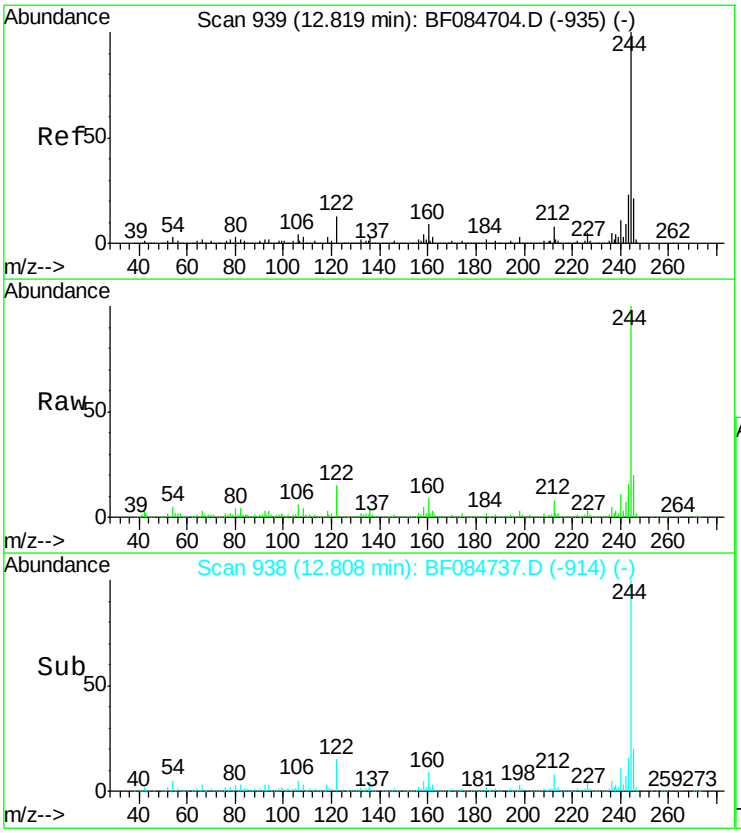
#77
Pyrene
Concen: 7.60 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:202 Resp: 205629

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	18.8	14.3	21.5

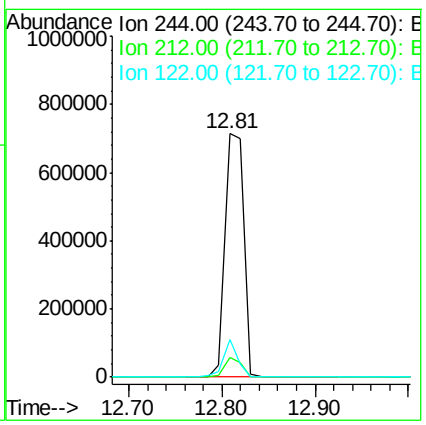


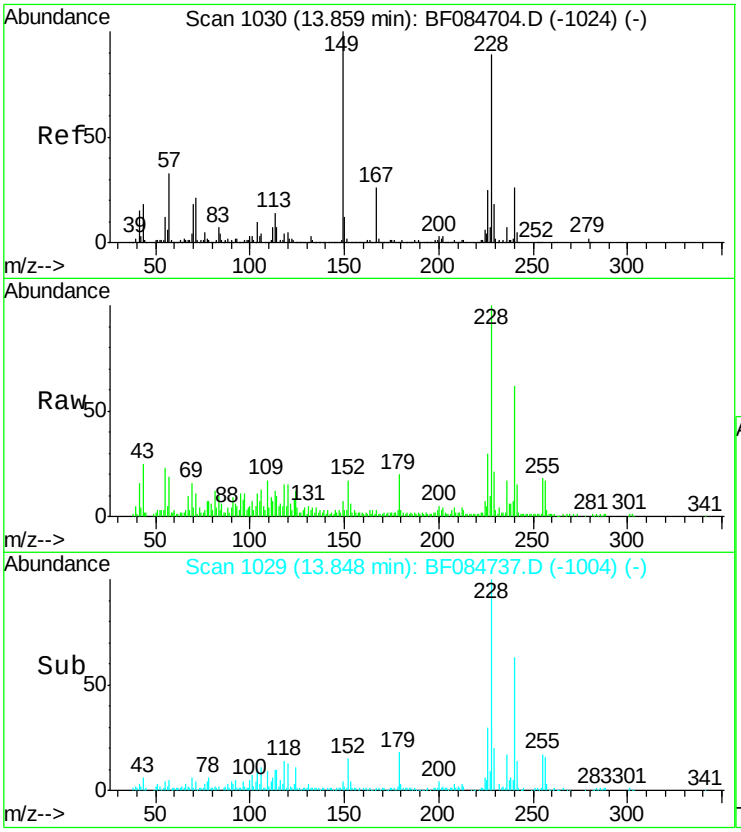


#78
Terphenyl-d14
Concen: 64.47 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:244 Resp: 1004869

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	15.4	7.4	11.0#



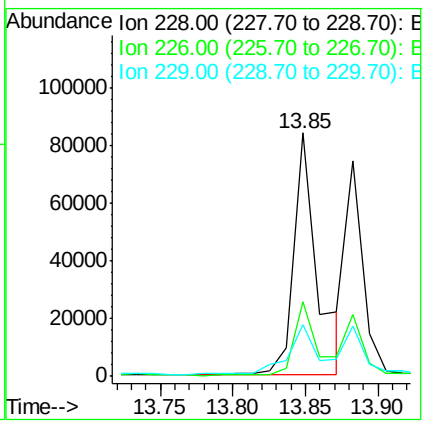


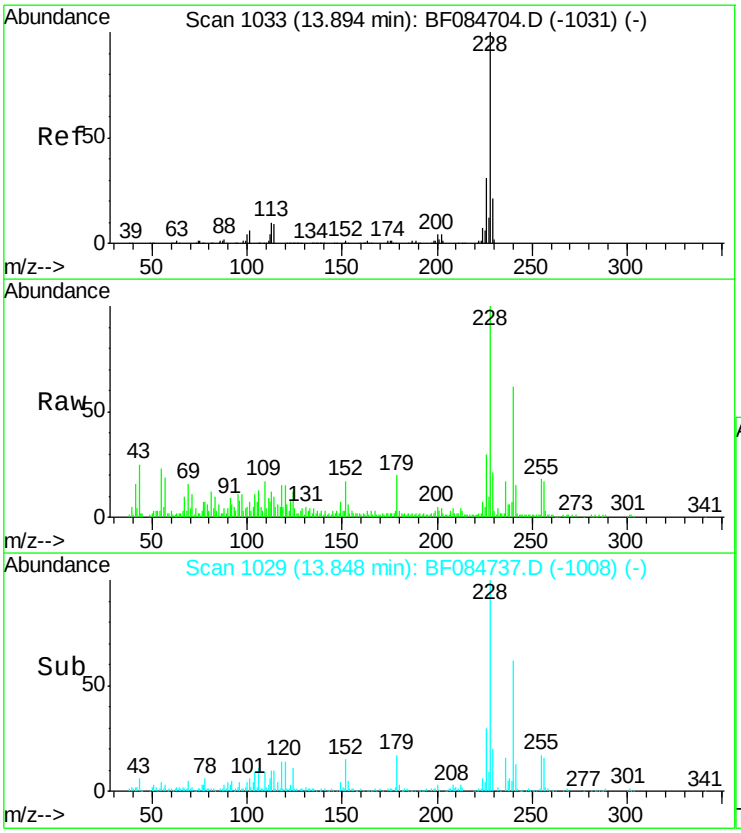
#80
Benzo(a)anthracene
Concen: 4.34 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:228 Resp: 95244

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.6
229	21.0	15.8	23.8

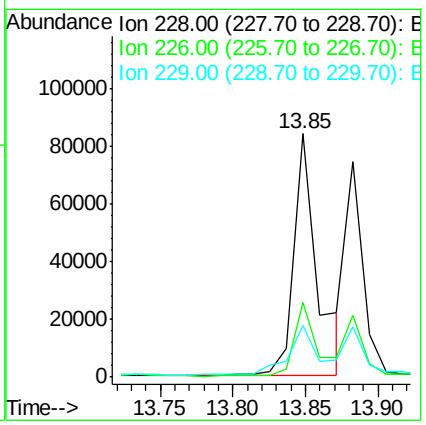


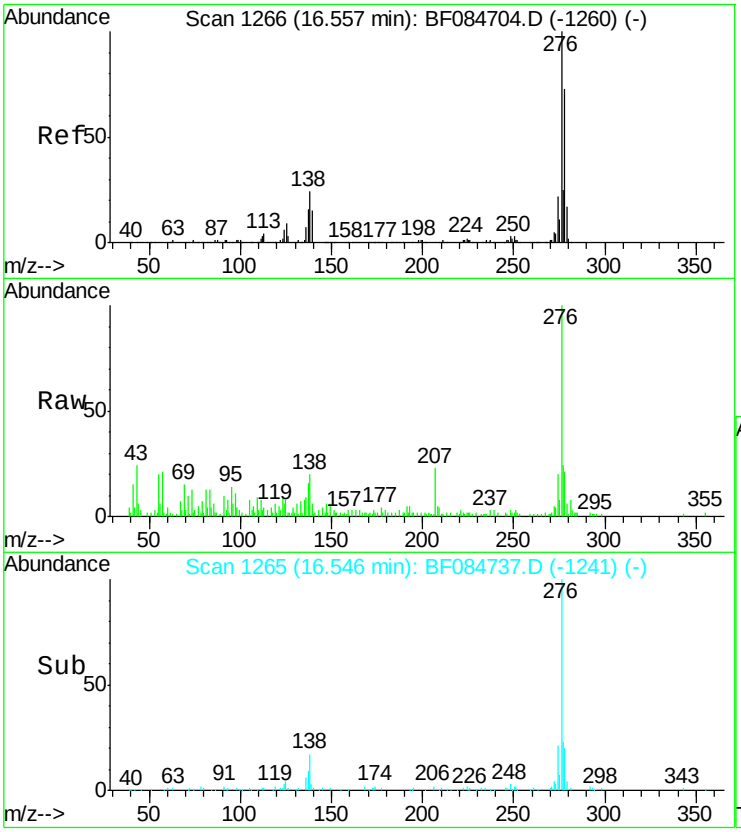


#82
Chrysene
Concen: 4.48 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:228 Resp: 95244

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.0	16.1	24.1



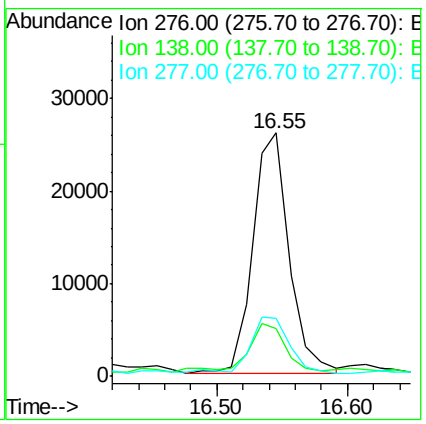


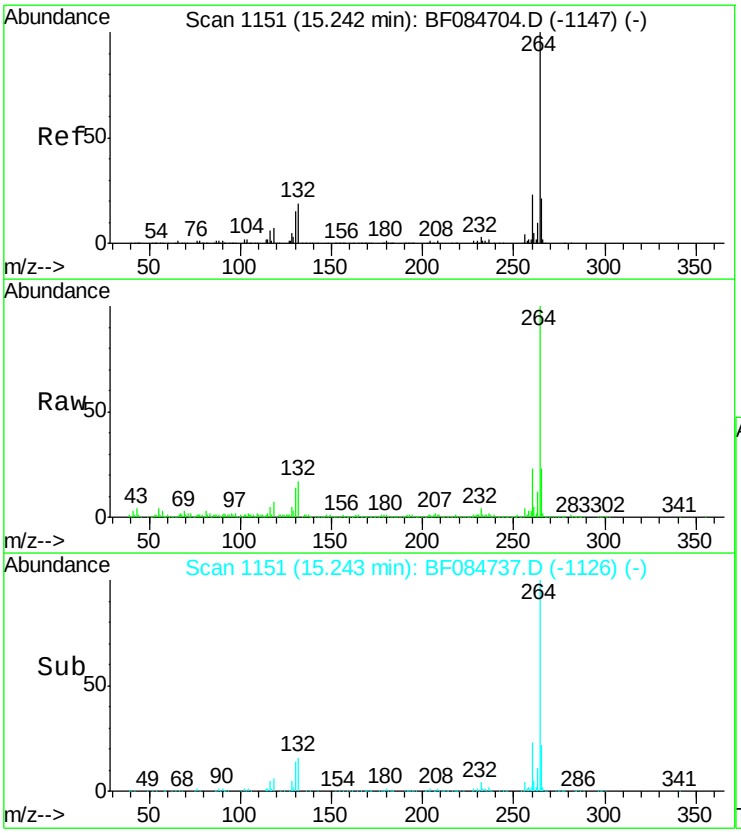
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:276 Resp: 50140

Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.6	30.8
277	24.7	20.1	30.1

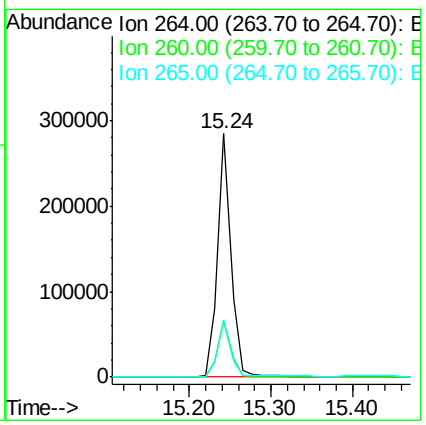


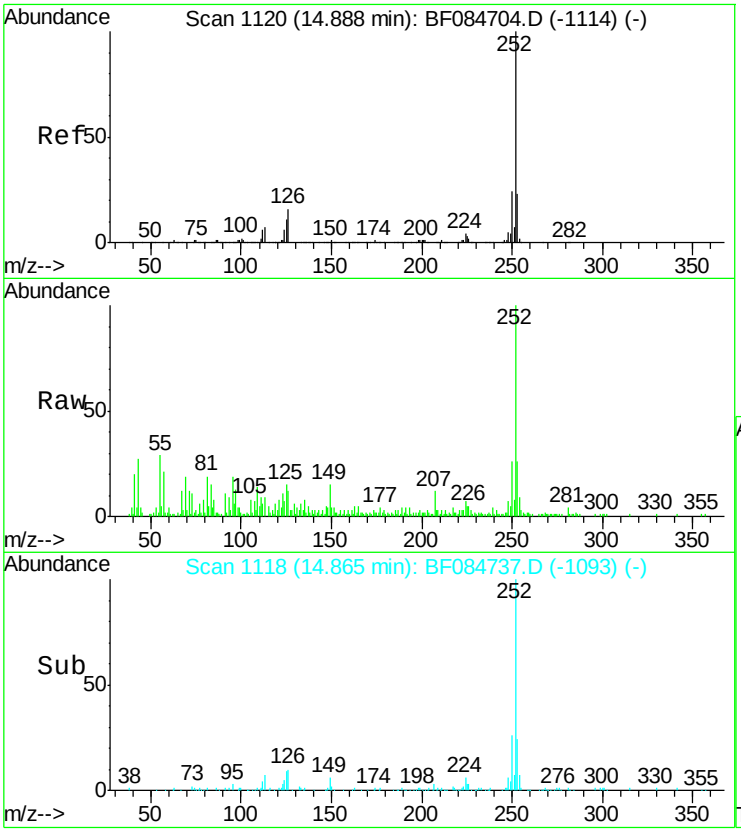


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:264 Resp: 327157

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.5	17.8	26.6



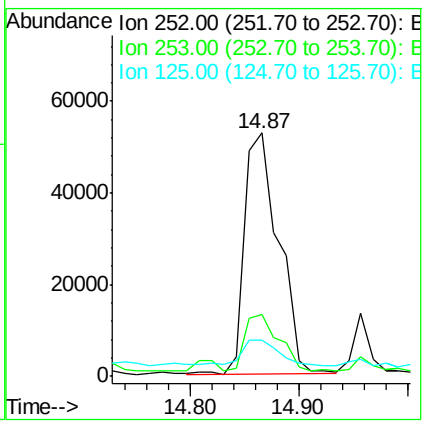


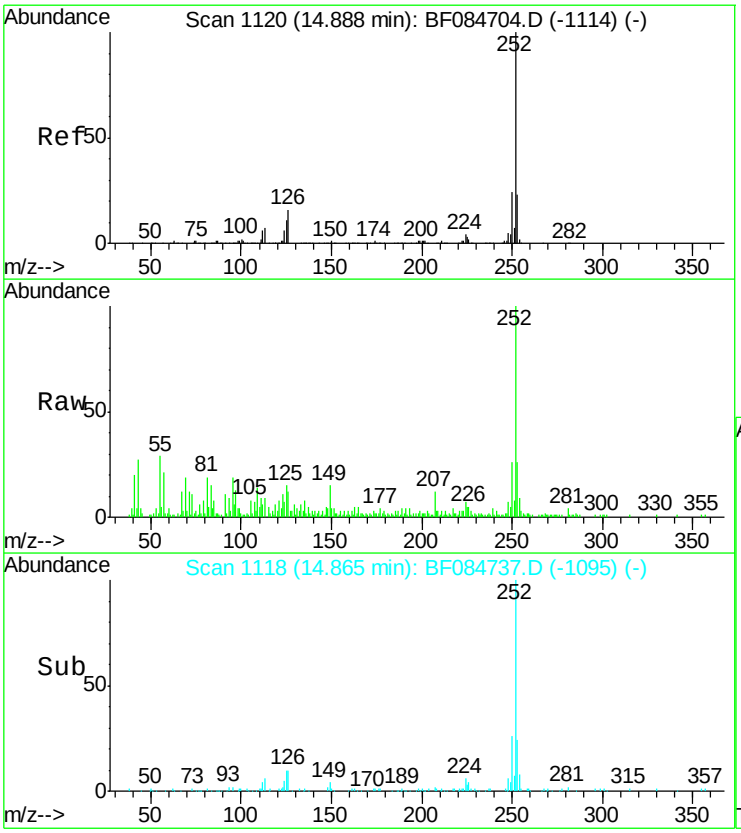
#87
Benzo(b)fluoranthene
Concen: 5.23 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:252 Resp: 114979

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	14.9	6.5	9.7#

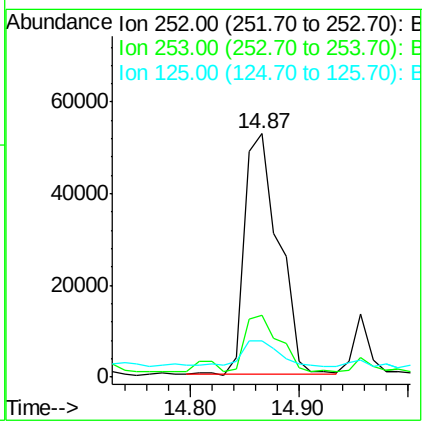


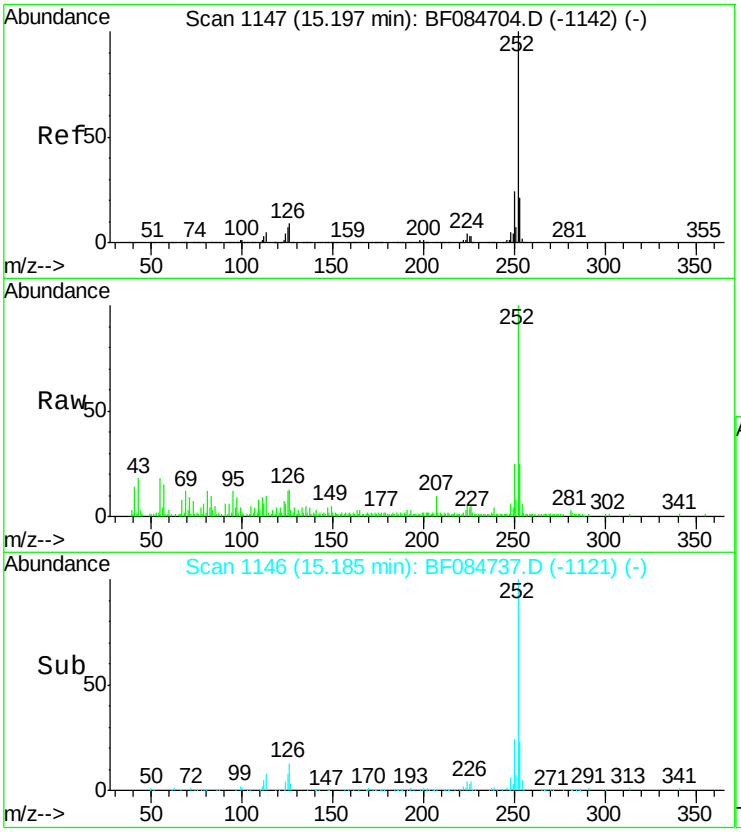


#88
Benzo(k)fluoranthene
Concen: 6.24 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:252 Resp: 113325

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	14.9	9.0	13.6#



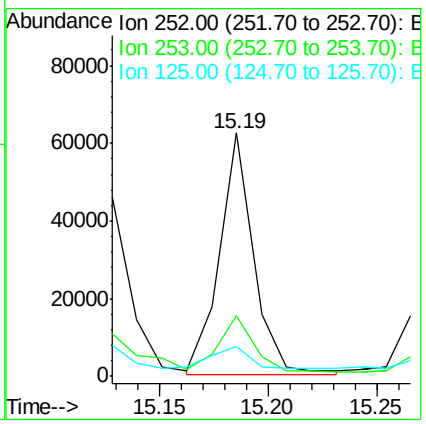


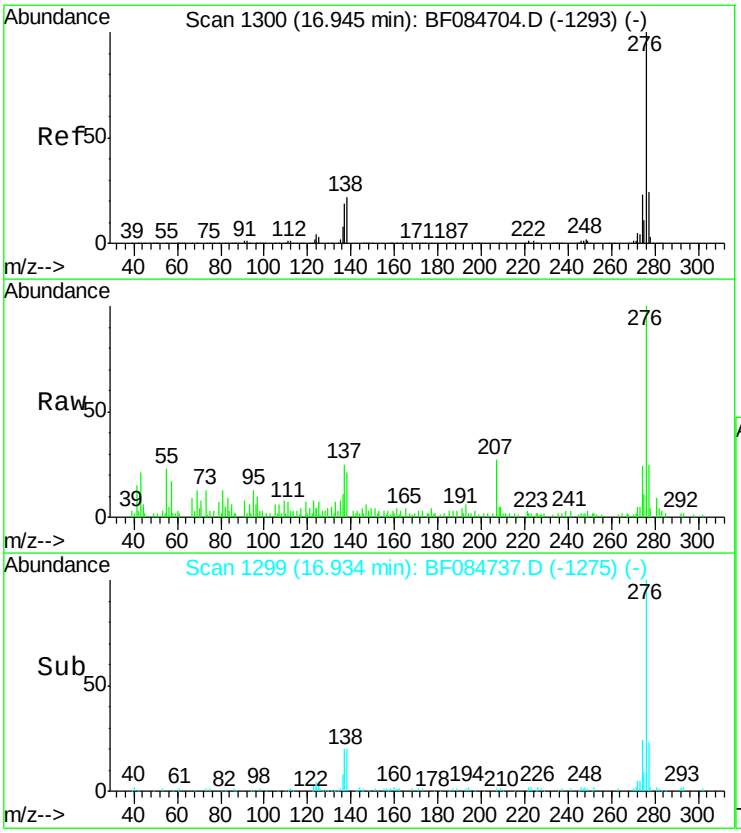
#89
Benzo(a)pyrene
Concen: 3.61 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

Tgt Ion:252 Resp: 67610

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	12.3	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF084737.D
Acq: 2 Feb 2016 4:13

Tgt Ion:276 Resp: 52498

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	21.2	17.8	26.6