Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
Data File : BF085754.D
Acq On : 25 Mar 2016 10:51
Operator : UM/SJ
Sample : H1891-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 25 14:11:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	116200	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	384863	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	133702	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	231368	20.00	ng		0.00
75) Chrysene-d12	13.99	240	216249	20.00	ng		0.01
86) Perylene-d12	15.42	264	187440	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	754312	108.11	ng		0.01
7) Phenol-d6	6.46	99	918065	103.49	ng		0.00
23) Nitrobenzene-d5	7.40	82	619299	90.62	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	129740	102.13	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	739416	92.40	ng		0.00
78) Terphenyl-d14	12.93	244	482363	45.87	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	18437	3.45	ng		84
25) Isophorone	7.75	82	47330	3.60	ng	#	1
31) Naphthalene	8.13	128	48581	2.51	ng		96
35) Caprolactam	8.54	113	45805	24.97	ng	#	10
36) 4-Chloro-3-methylphenol	8.64	107	21623	3.57	ng	#	21
37) 2-Methylnaphthalene	8.82	142	58699	3.29	ng		97
49) Dimethylphthalate	9.58	163	163824	16.15	ng	#	74
50) 2,6-Dinitrotoluene	9.64	165	13199	6.05	ng	#	27
52) 3-Nitroaniline	9.82	138	18187	7.28	ng	#	14
53) 2,4-Dinitrophenol	9.91	184	226	6.23	ng	#	1
61) 4-Nitroaniline	10.32	138	11045	4.62	ng		90
65) n-Nitrosodiphenylamine	10.53	169	15081	2.06	ng	#	54
70) Phenanthrene	11.37	178	40535	3.41	ng	#	89
80) Benzo(a)anthracene	14.01	228	47764	3.87	ng	#	68
82) Chrysene	14.01	228	49310	3.97	ng	#	73
87) Benzo(b)fluoranthene	15.01	252	28693	2.43	ng	#	3
88) Benzo(k)fluoranthene	15.01	252	28693	2.70	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
Data File : BF085754.D
Acq On : 25 Mar 2016 10:51
Operator : UM/SJ
Sample : H1891-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 25 14:11:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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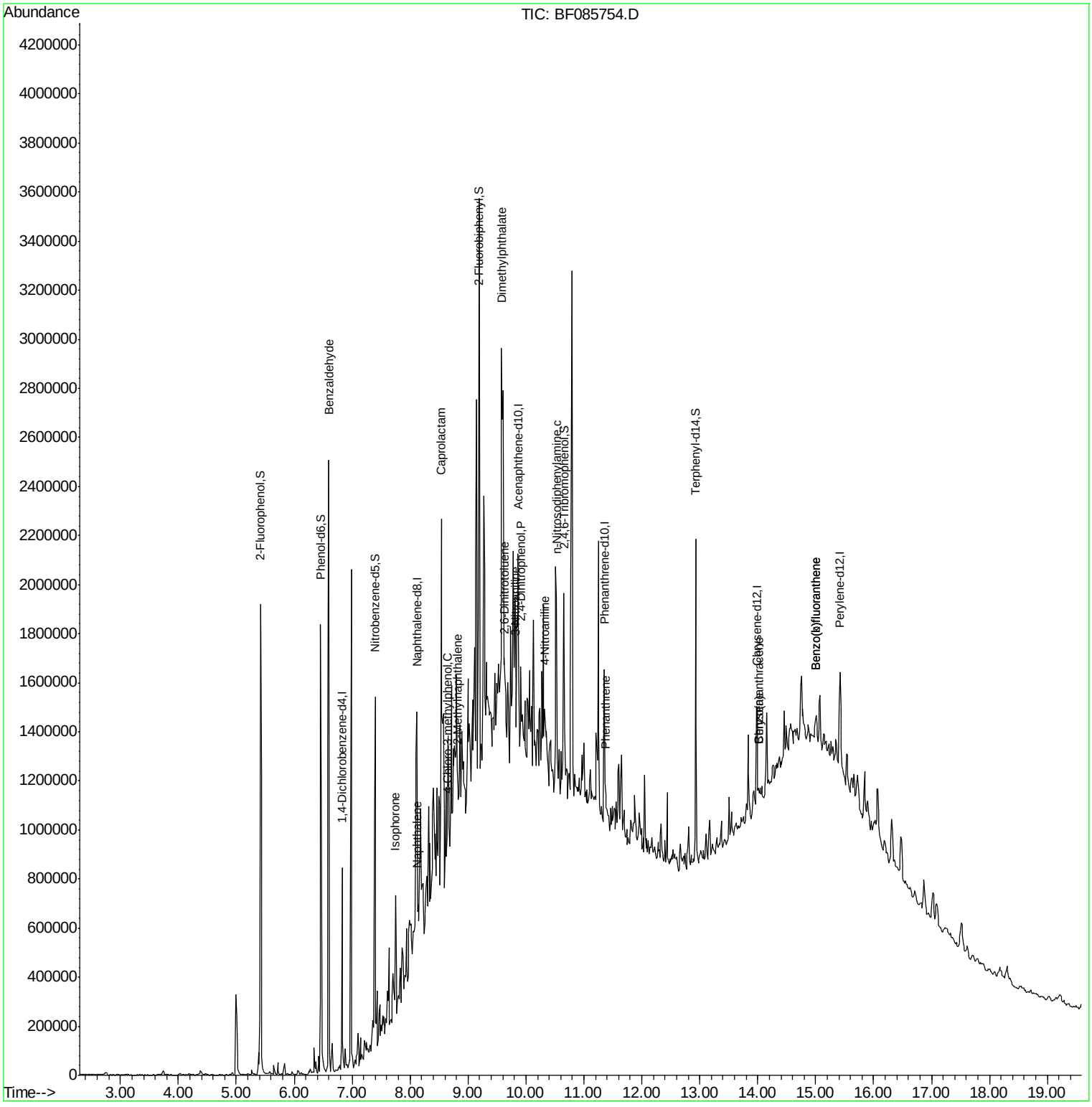
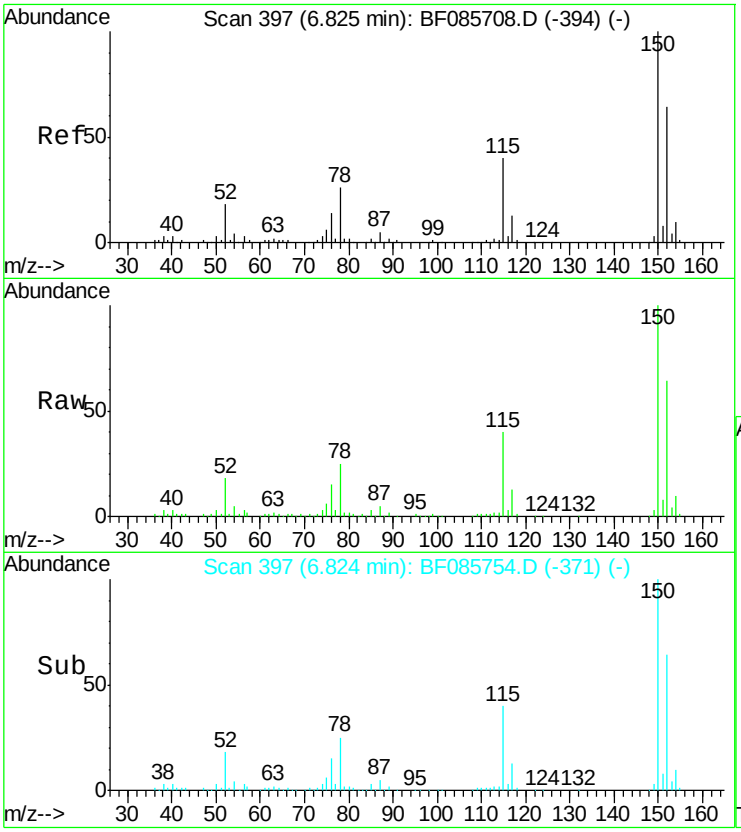


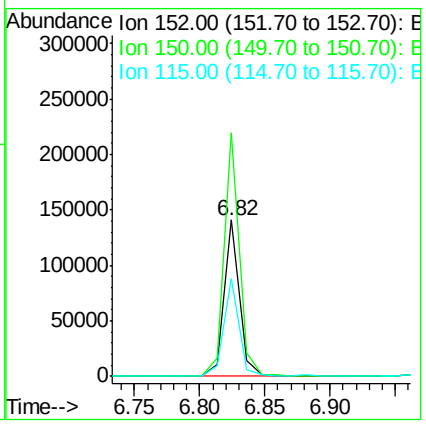


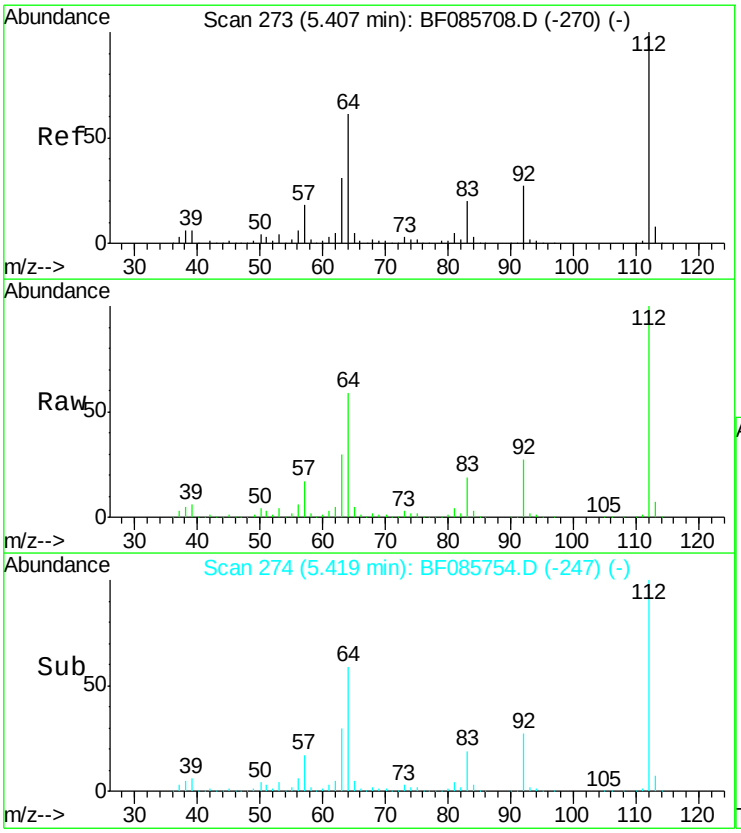
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116200

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	62.5	47.0	70.6

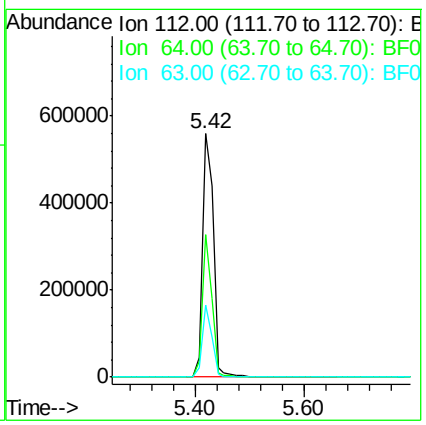


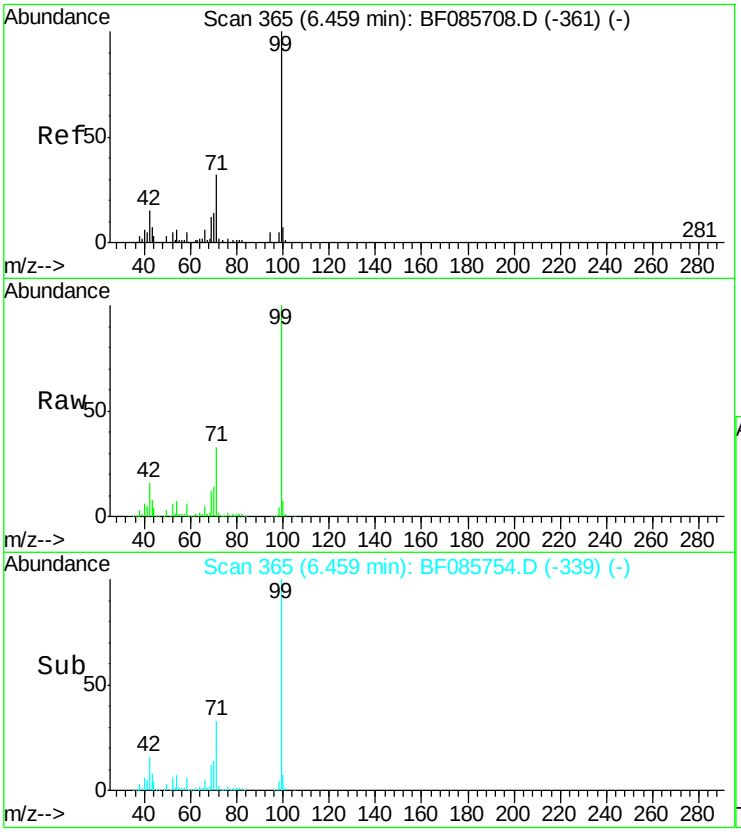


#5
2-Fluorophenol
Concen: 108.11 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:112 Resp: 754312

Ion	Ratio	Lower	Upper
112	100		
64	58.6	39.9	59.9
63	29.6	20.2	30.2



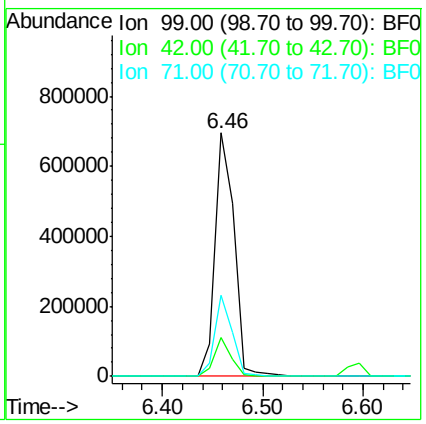


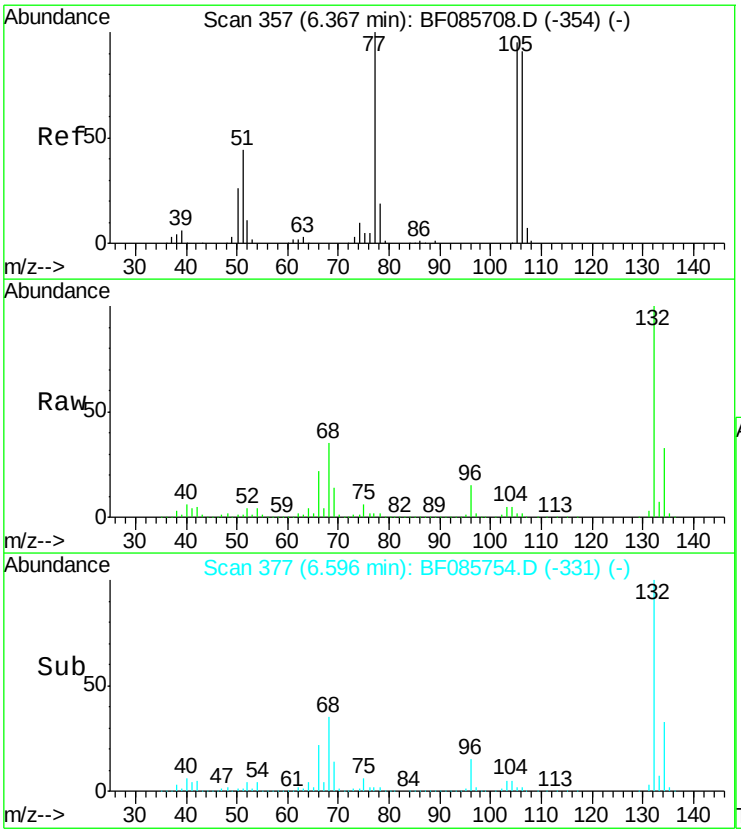
#7
Phenol-d6
Concen: 103.49 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 918065

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.1	16.7
71	33.4	24.9	37.3

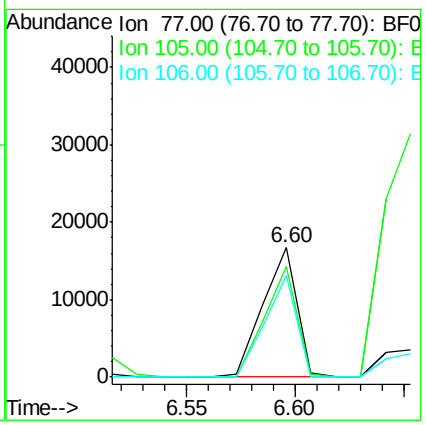


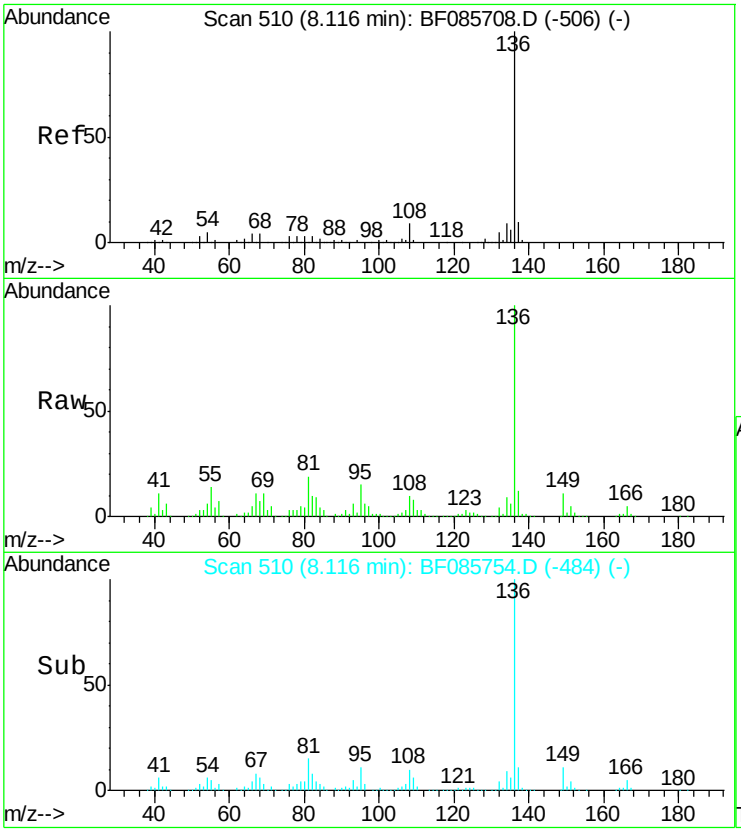


#9
Benzaldehyde
Concen: 3.45 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.23 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion: 77 Resp: 18437

Ion	Ratio	Lower	Upper
77	100		
105	85.0	80.1	120.1
106	78.4	75.0	115.0



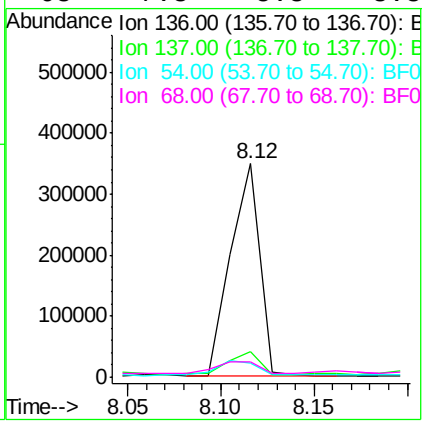


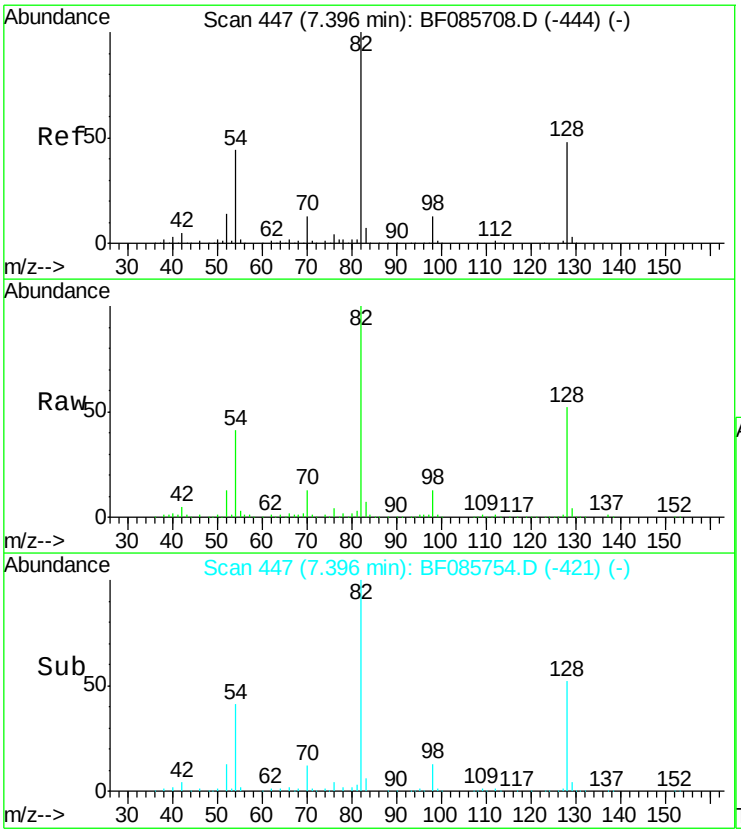
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 384863

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	6.5	7.4	11.0#
68	7.3	5.8	8.8

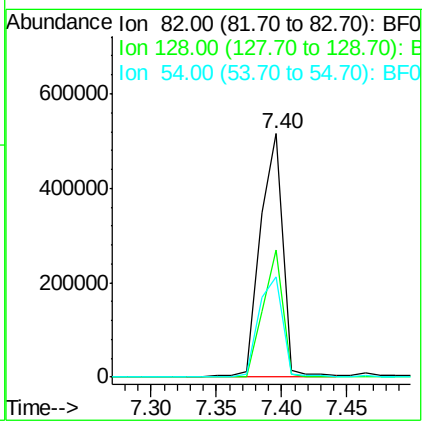


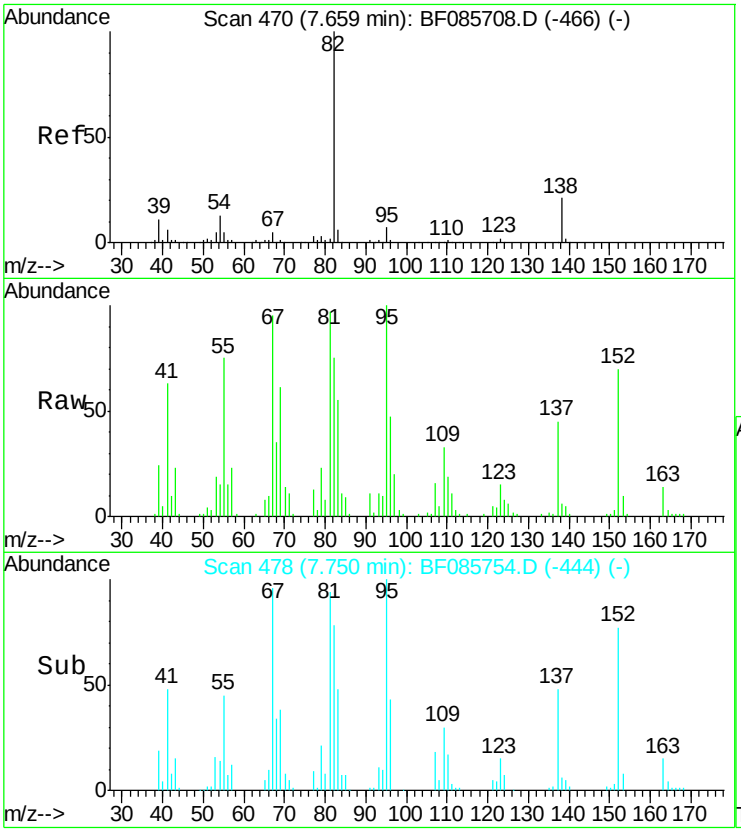


#23
Nitrobenzene-d5
Concen: 90.62 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion: 82 Resp: 619299

Ion	Ratio	Lower	Upper
82	100		
128	52.1	41.8	62.8
54	41.0	33.4	50.0



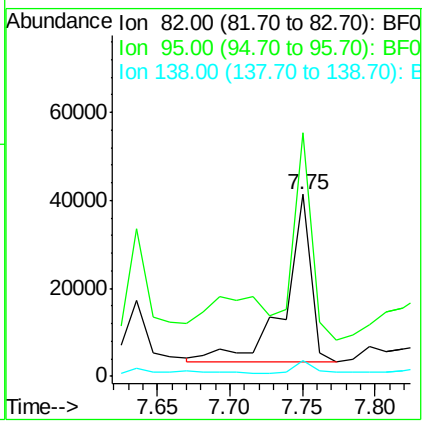


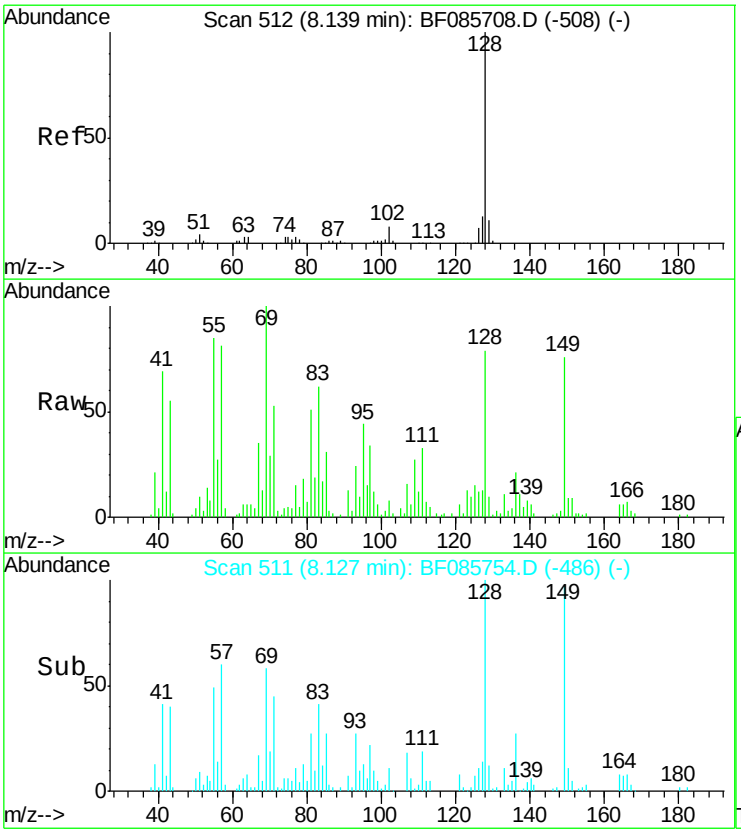
#25
Isophorone
Concen: 3.60 ng
RT: 7.75 min Scan# 478
Delta R.T. 0.09 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 47330

Ion	Ratio	Lower	Upper
82	100		
95	133.7	5.4	8.2#
138	8.6	12.9	19.3#

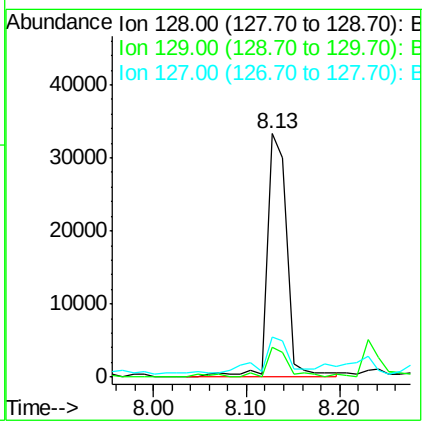


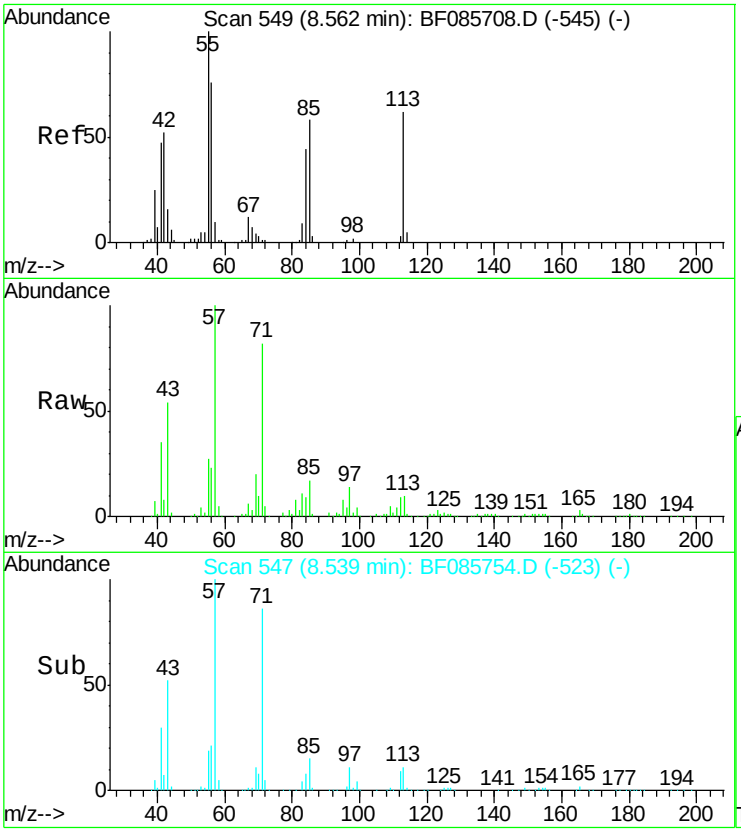


#31
Naphthalene
Concen: 2.51 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:128 Resp: 48581

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	16.2	11.0	16.6



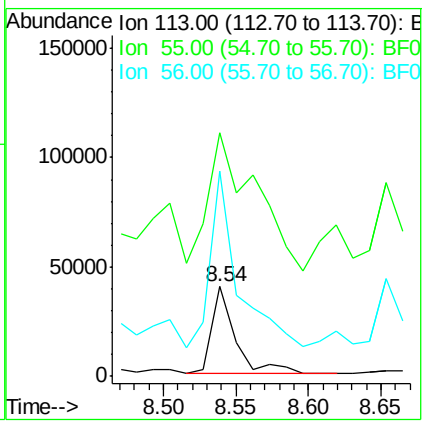


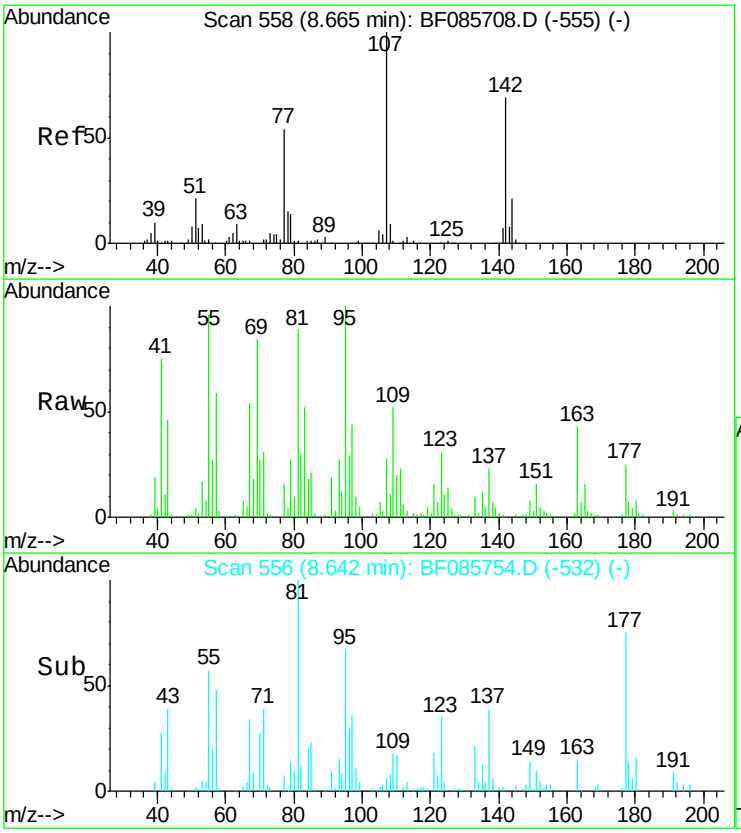
#35
Caprolactam
Concen: 24.97 ng
RT: 8.54 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 45805

Ion	Ratio	Lower	Upper
113	100		
55	271.3	139.4	179.4#
56	227.9	100.4	140.4#

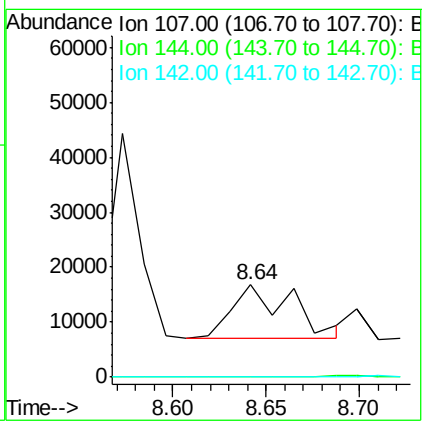


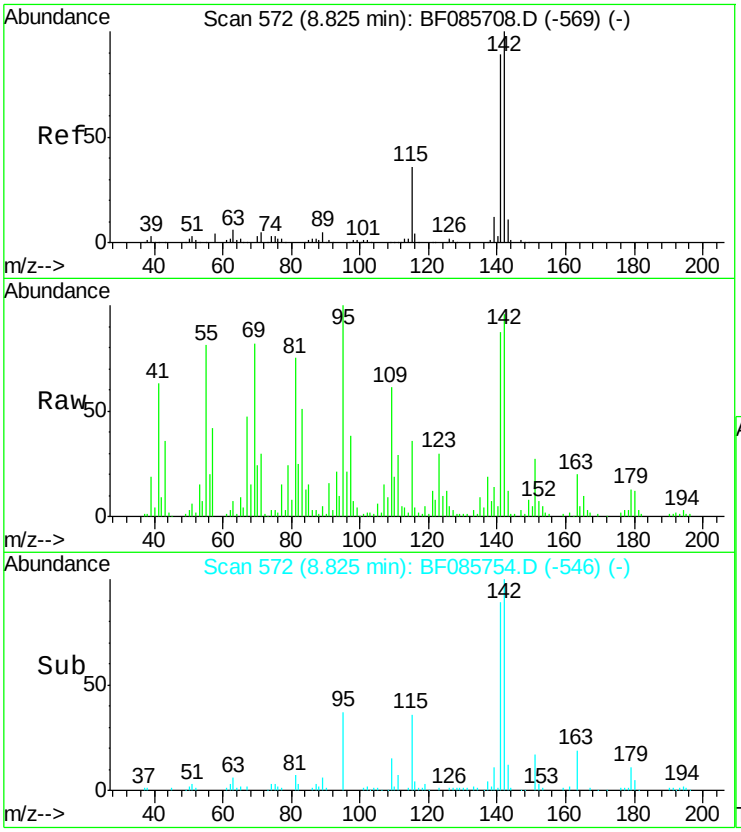


#36
4-Chloro-3-methylphenol
Concen: 3.57 ng
RT: 8.64 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:107 Resp: 21623

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	61.4	92.0#



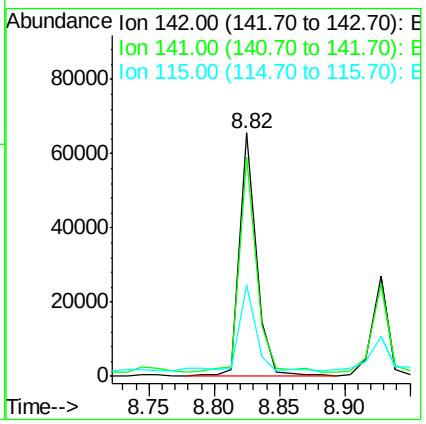


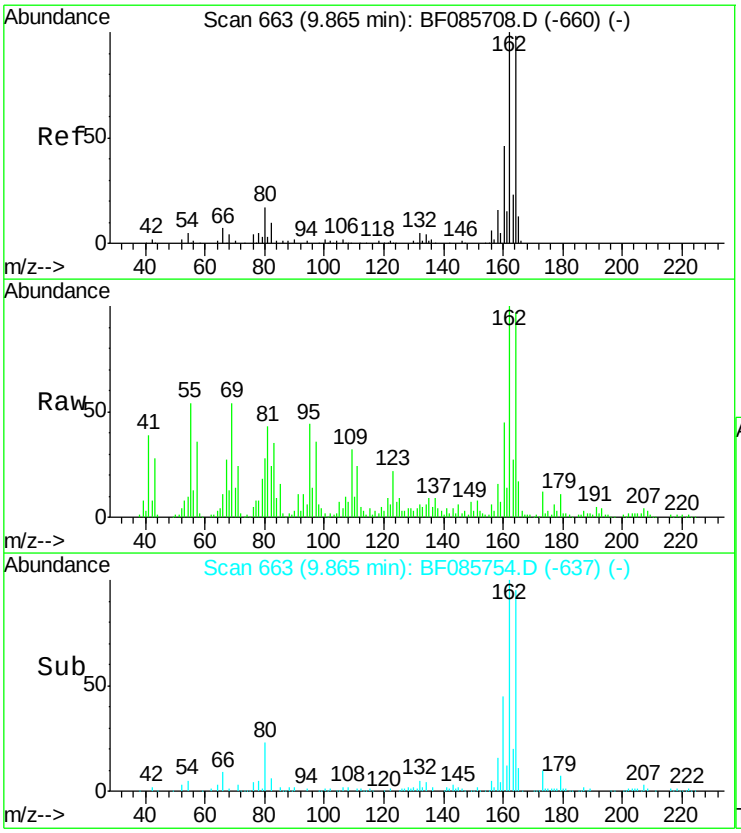
#37
2-Methylnaphthalene
Concen: 3.29 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 58699

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4
115	37.7	26.8	40.2

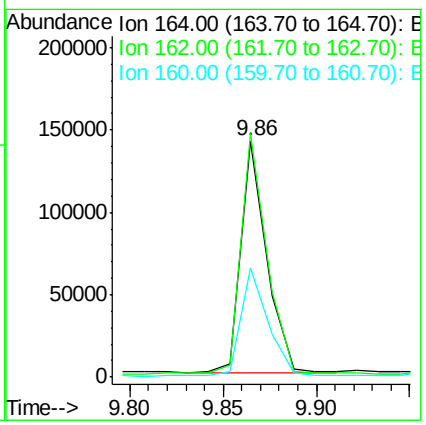


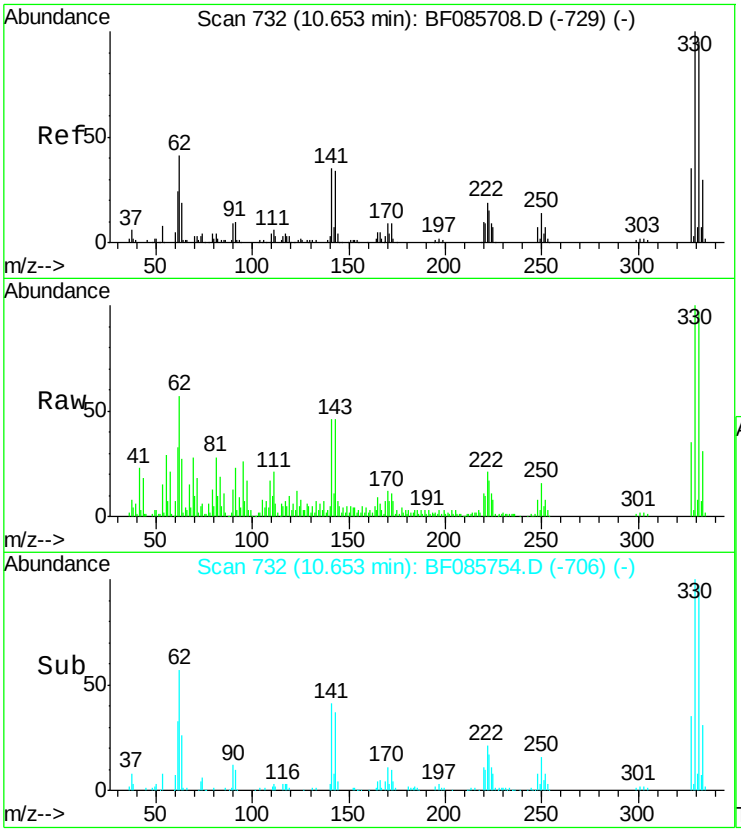


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:164 Resp: 133702

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	46.1	37.4	56.2



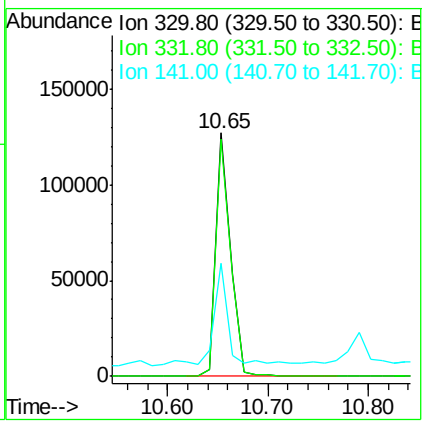


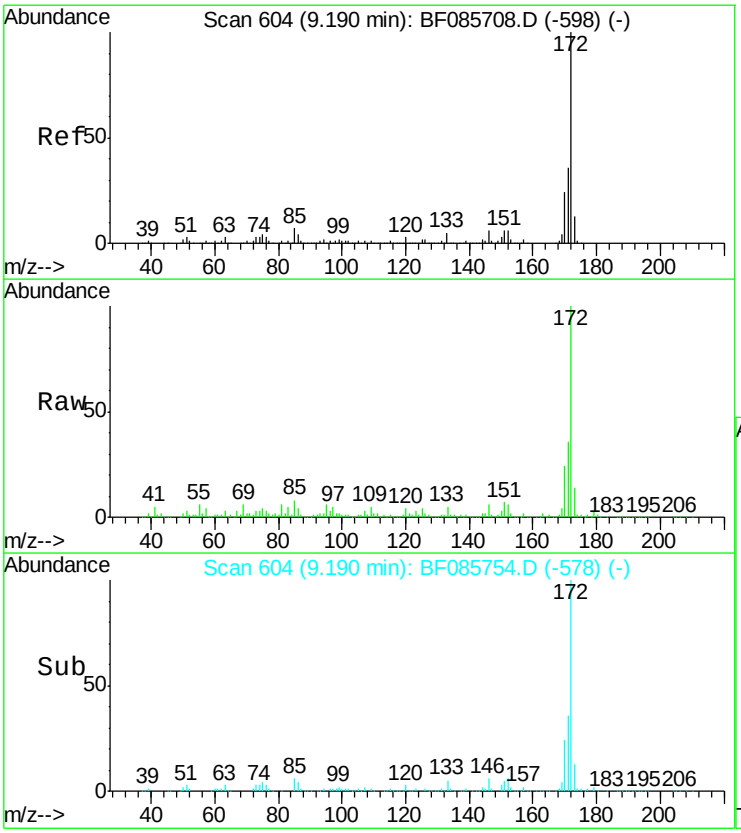
#41
2,4,6-Tribromophenol
Concen: 102.13 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 129740

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	41.8	31.5	47.3

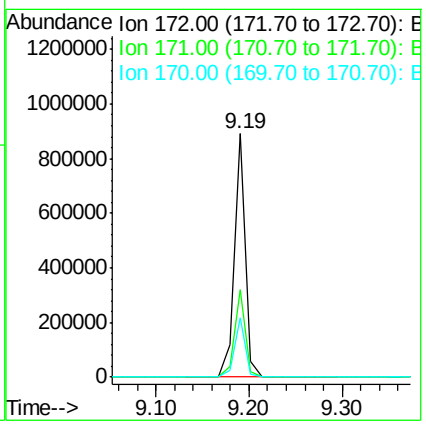


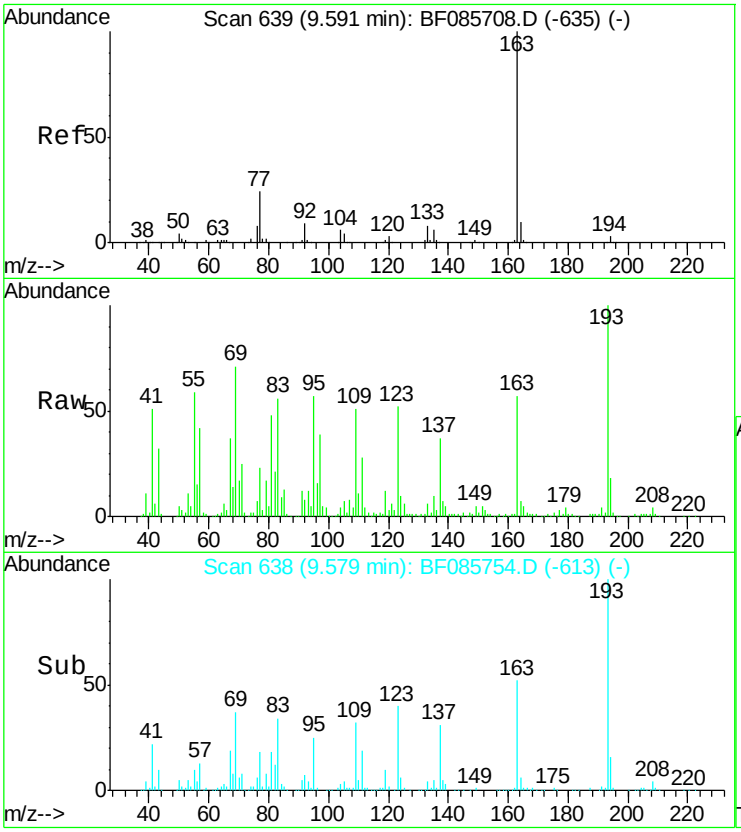


#44
2-Fluorobiphenyl
Concen: 92.40 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:172 Resp: 739416

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.8	29.6



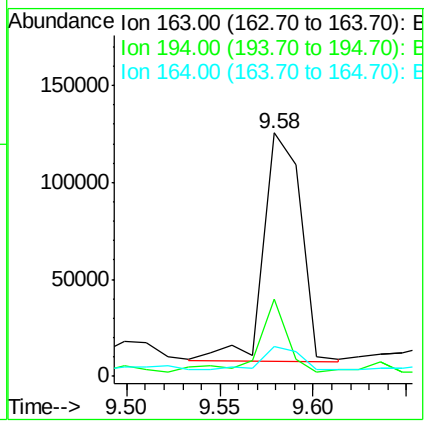


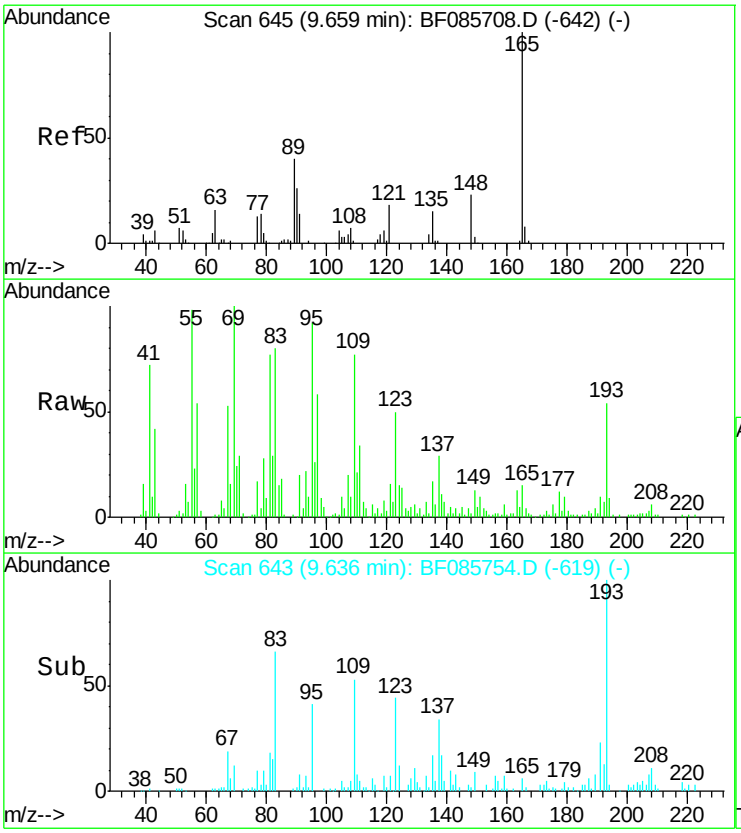
#49
Dimethylphthalate
Concen: 16.15 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 163824

Ion	Ratio	Lower	Upper
163	100		
194	31.7	2.9	4.3#
164	12.2	8.3	12.5

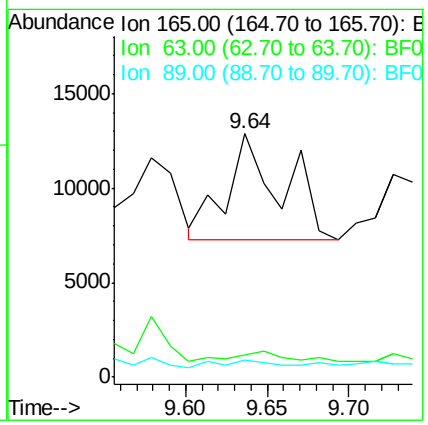


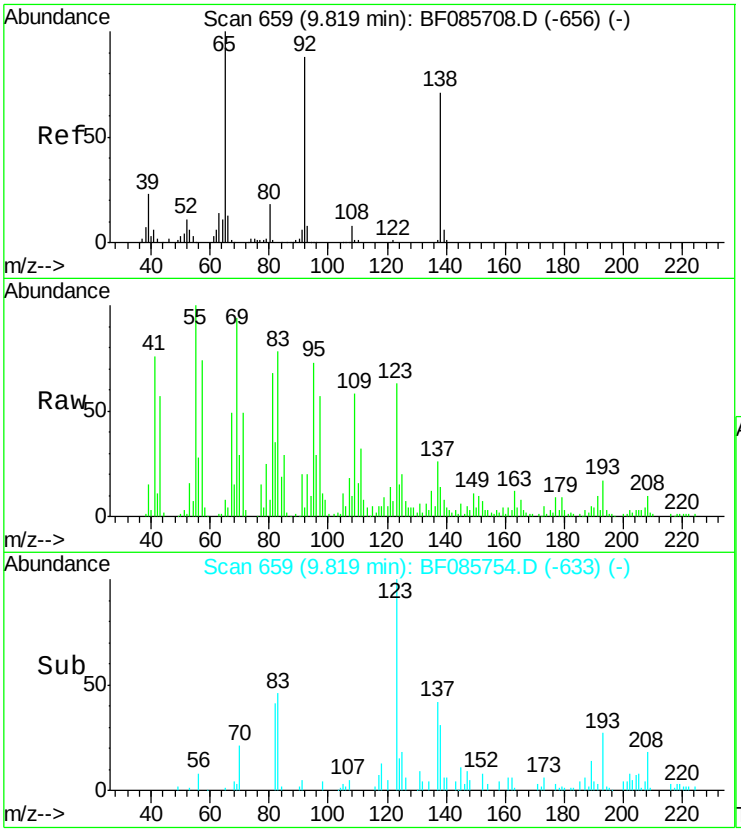


#50
2,6-Dinitrotoluene
Concen: 6.05 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:165 Resp: 13199

Ion	Ratio	Lower	Upper
165	100		
63	9.3	51.8	77.8#
89	7.1	53.7	80.5#



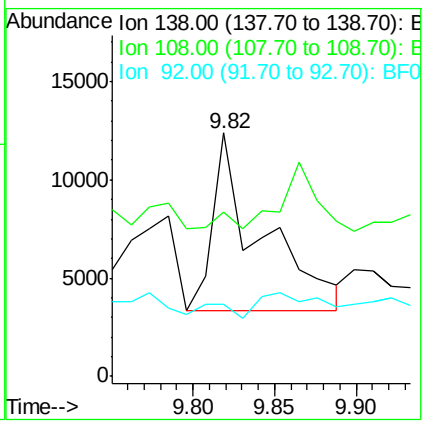


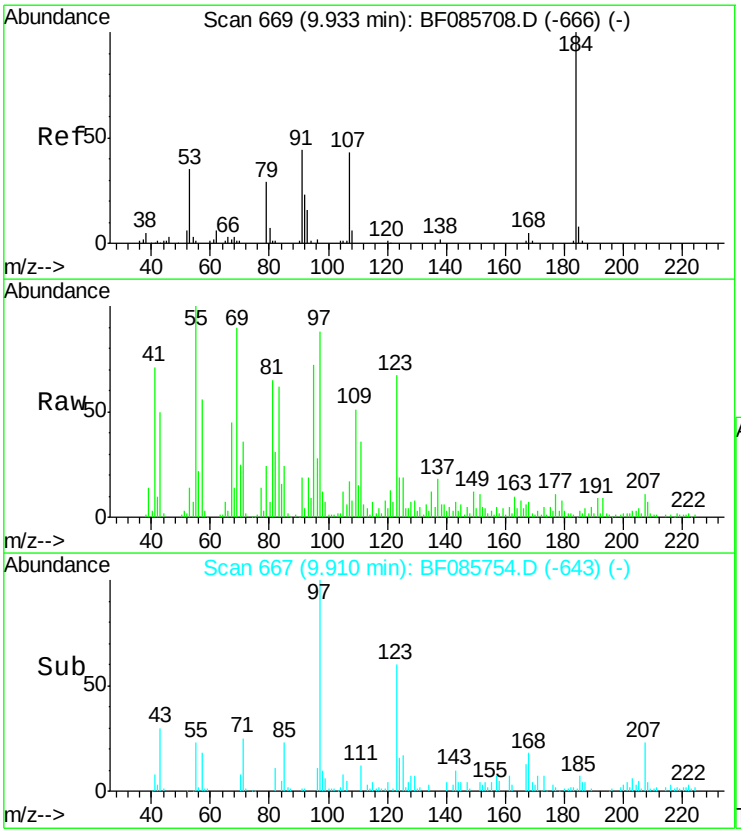
#52
3-Nitroaniline
Concen: 7.28 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 18187

Ion	Ratio	Lower	Upper
138	100		
108	67.6	8.7	13.1#
92	29.7	93.3	139.9#

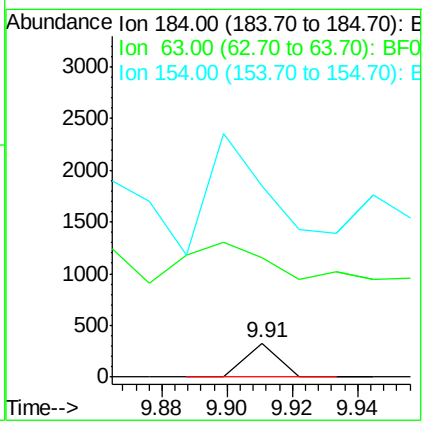


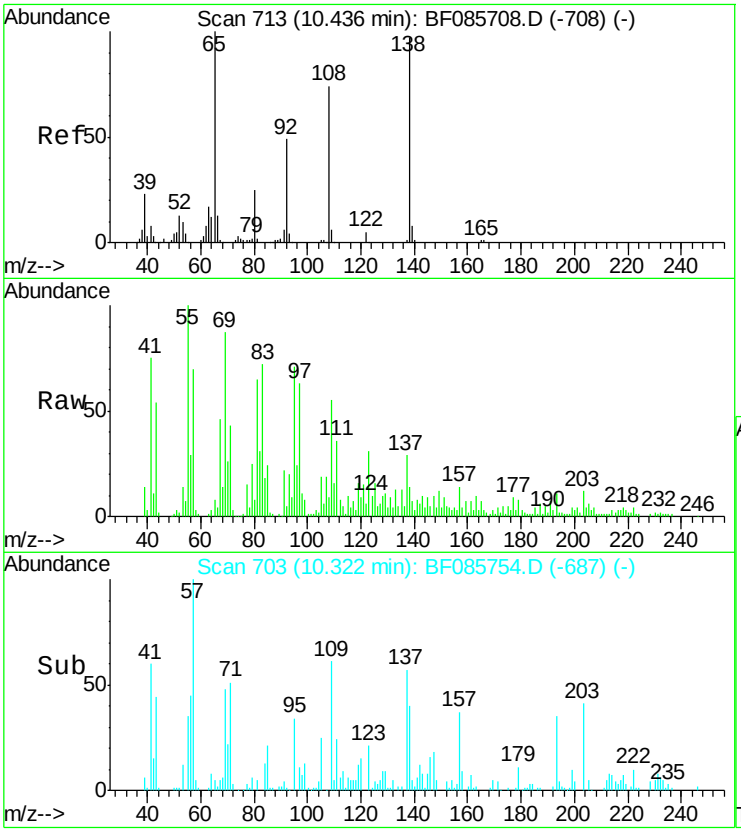


#53
2,4-Dinitrophenol
Concen: 6.23 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:184 Resp: 226

Ion	Ratio	Lower	Upper
184	100		
63	351.1	69.5	104.3#
154	560.8	58.3	87.5#



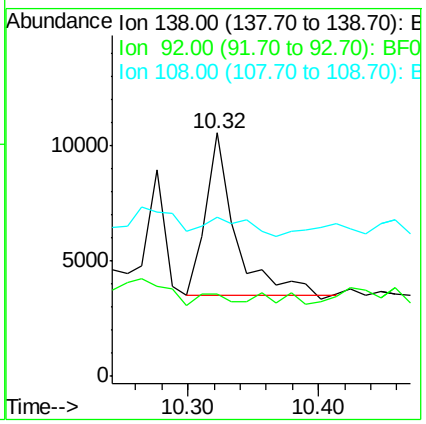


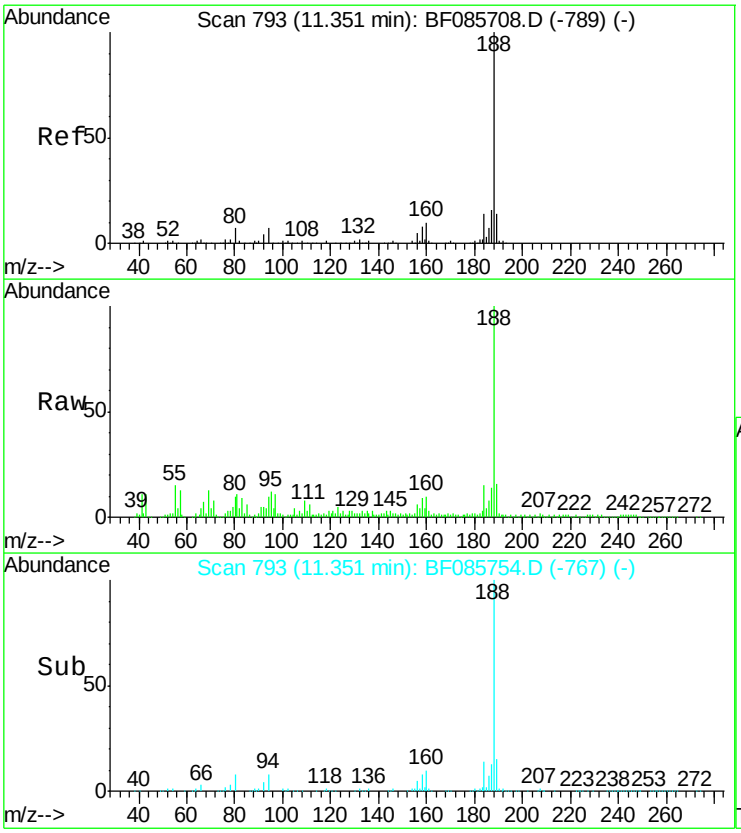
#61
4-Nitroaniline
Concen: 4.62 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.11 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 11045

Ion	Ratio	Lower	Upper
138	100		
92	33.7	26.4	66.4
108	65.5	49.0	89.0

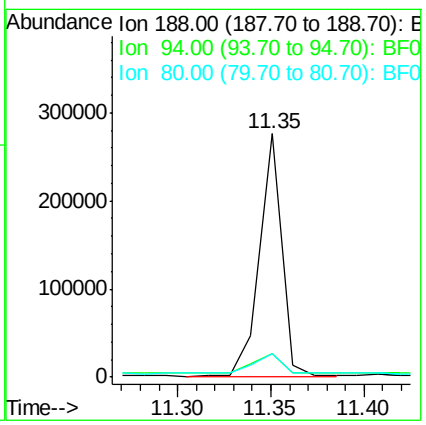


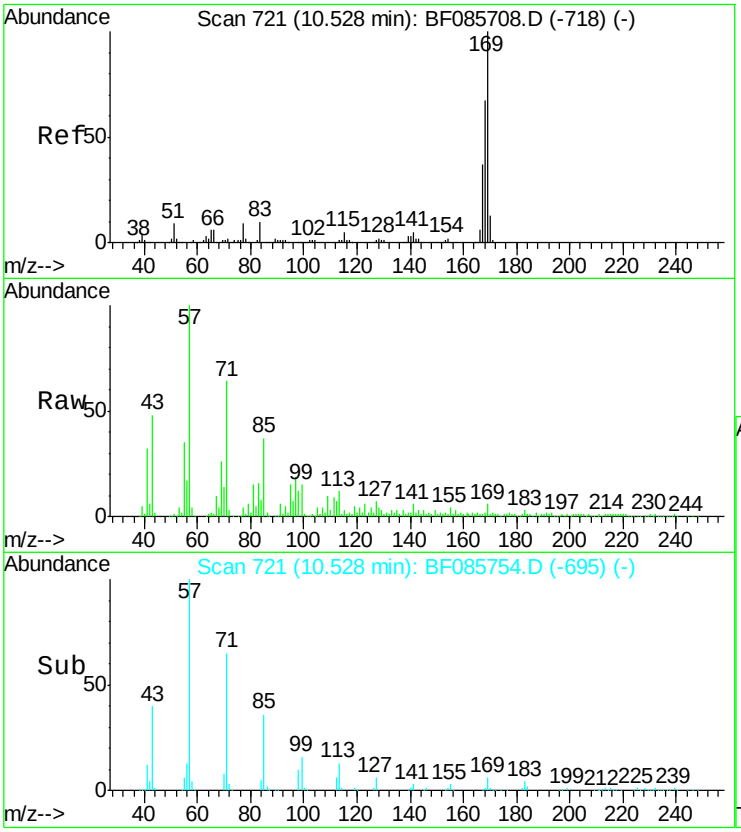


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:188 Resp: 231368

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	9.6	5.5	8.3#



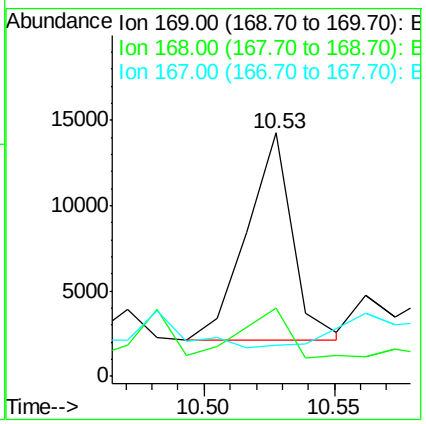


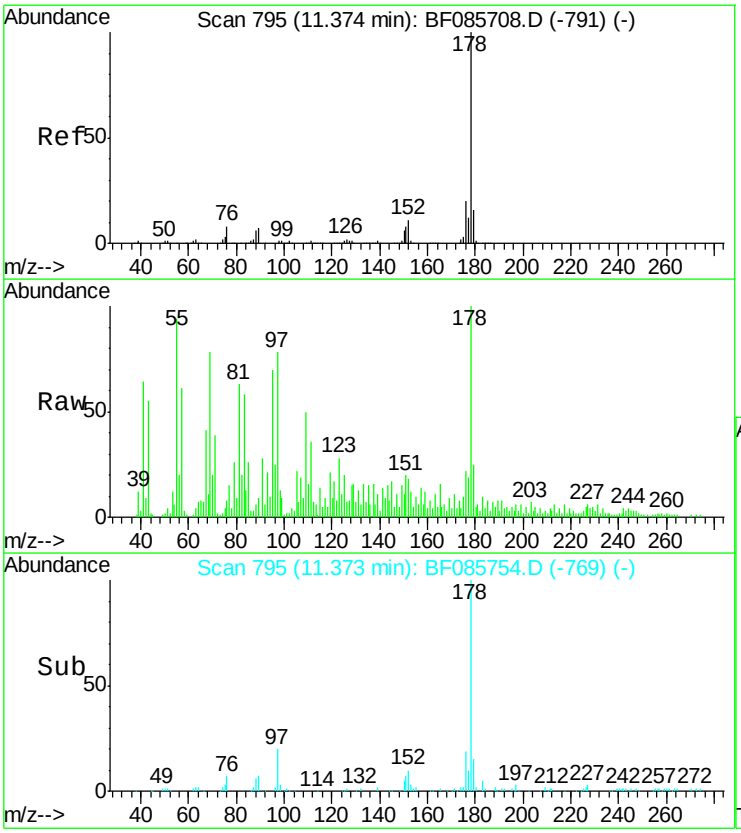
#65
n-Nitrosodiphenylamine
Concen: 2.06 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 15081

Ion	Ratio	Lower	Upper
169	100		
168	27.9	54.4	81.6#
167	13.0	29.4	44.0#

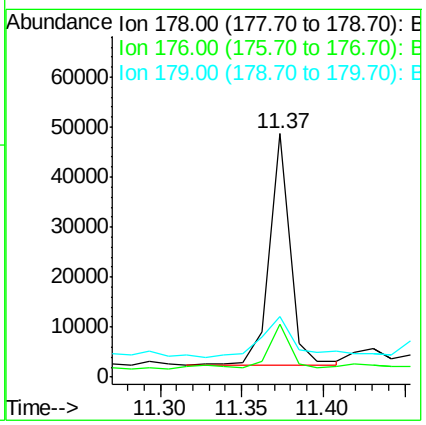


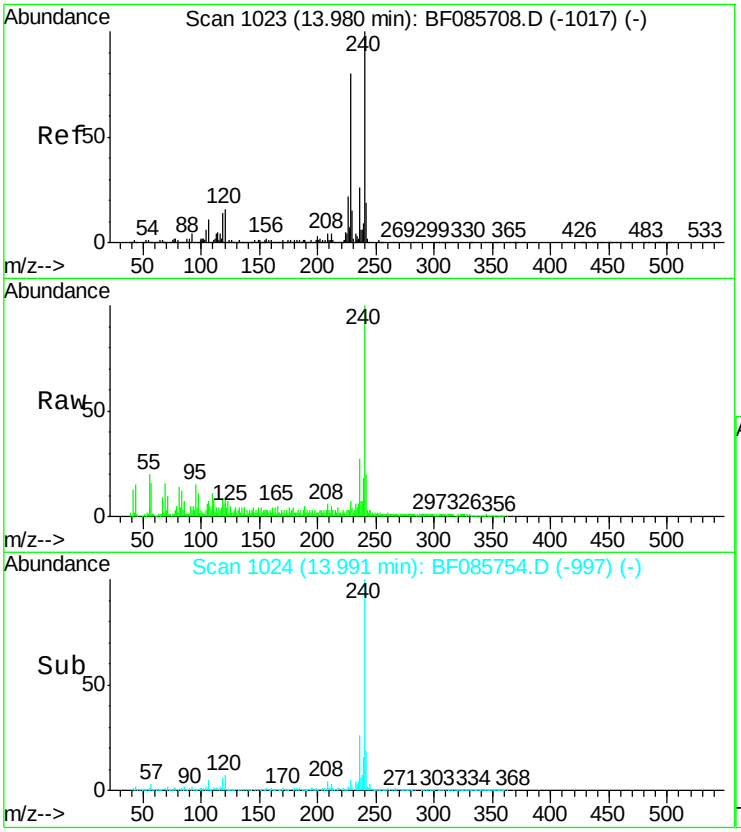


#70
Phenanthrene
Concen: 3.41 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:178 Resp: 40535

Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.3	24.5
179	24.7	12.6	18.8#



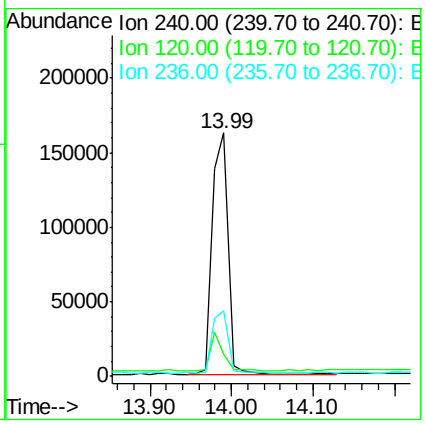


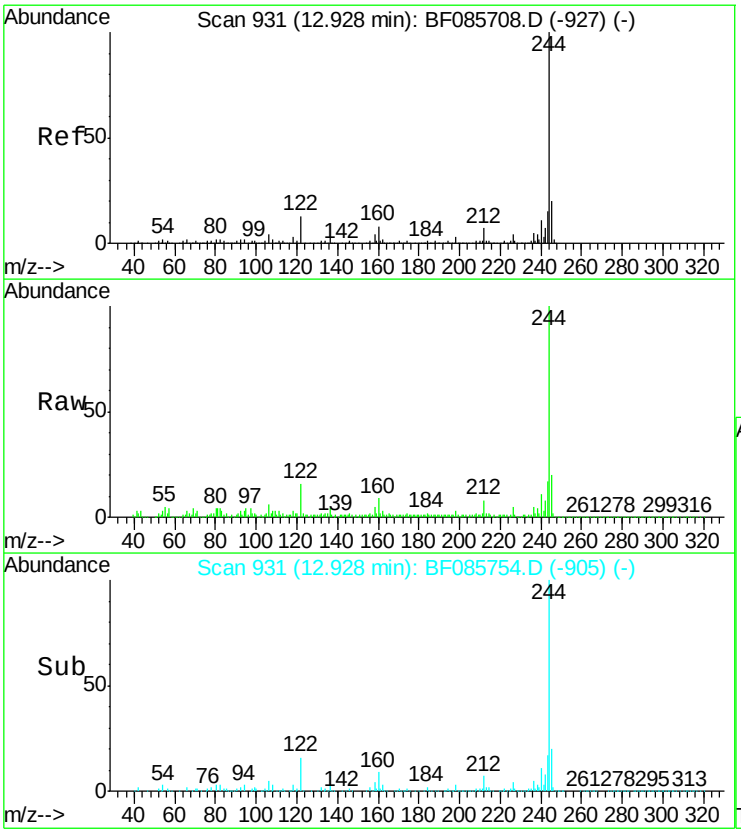
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 216249

Ion	Ratio	Lower	Upper
240	100		
120	9.4	13.8	20.8#
236	26.9	20.6	30.8

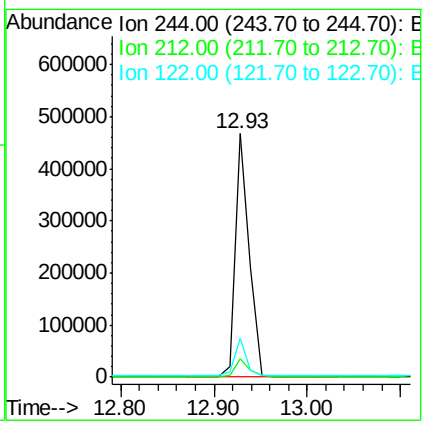


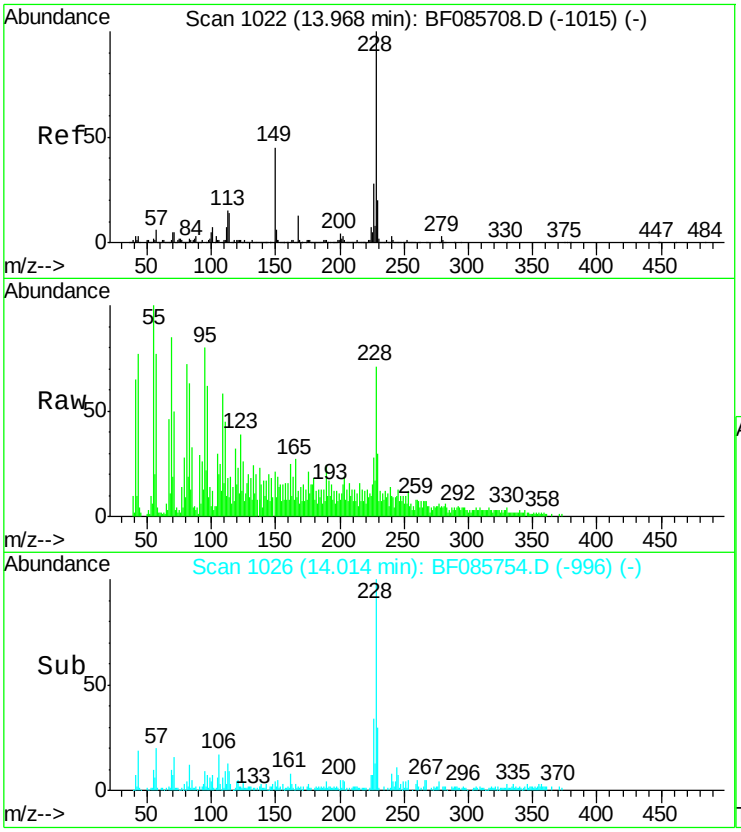


#78
Terphenyl-d14
Concen: 45.87 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:244 Resp: 482363

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	16.1	10.2	15.4#



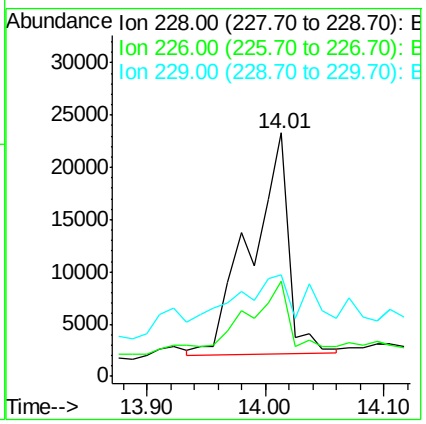


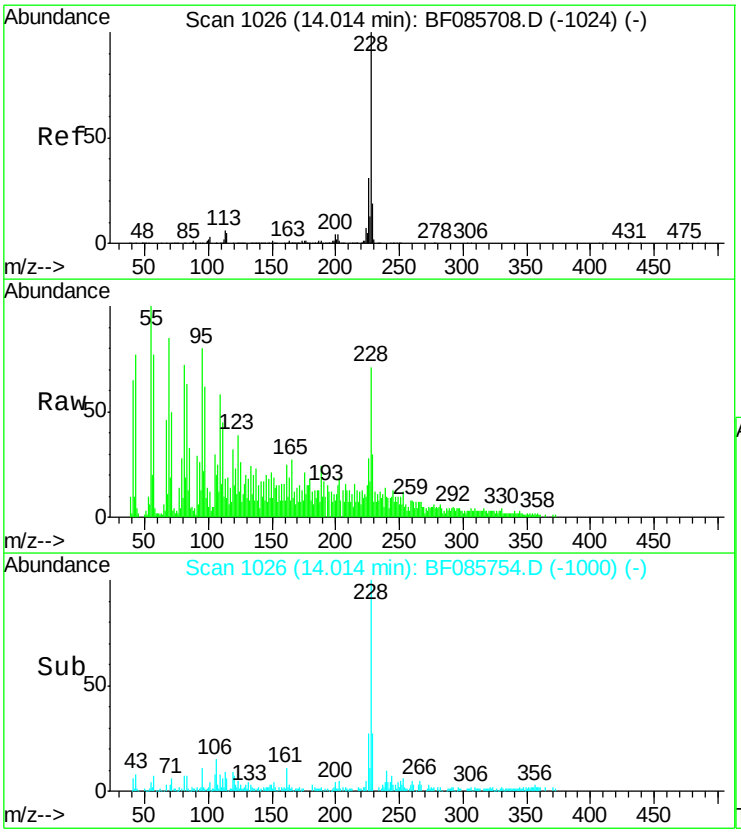
#80
Benzo(a)anthracene
Concen: 3.87 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.05 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47764

Ion	Ratio	Lower	Upper
228	100		
226	39.1	22.1	33.1#
229	41.5	16.2	24.4#

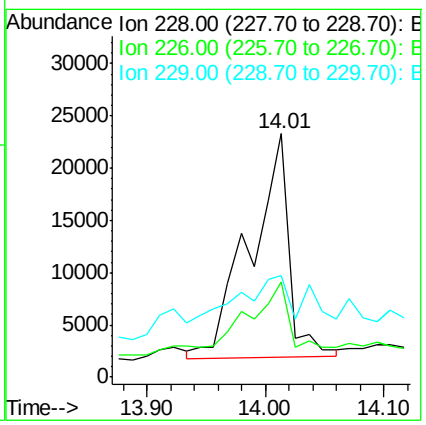


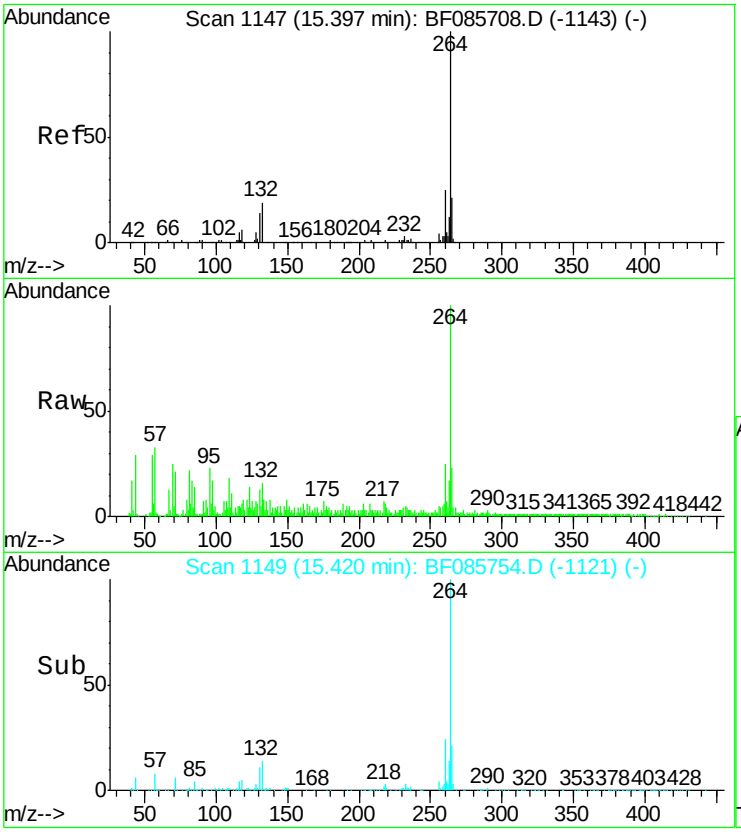


#82
Chrysene
Concen: 3.97 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:228 Resp: 49310

Ion	Ratio	Lower	Upper
228	100		
226	39.1	25.0	37.6#
229	41.5	15.7	23.5#



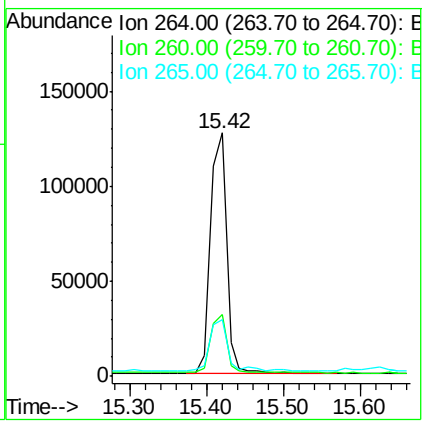


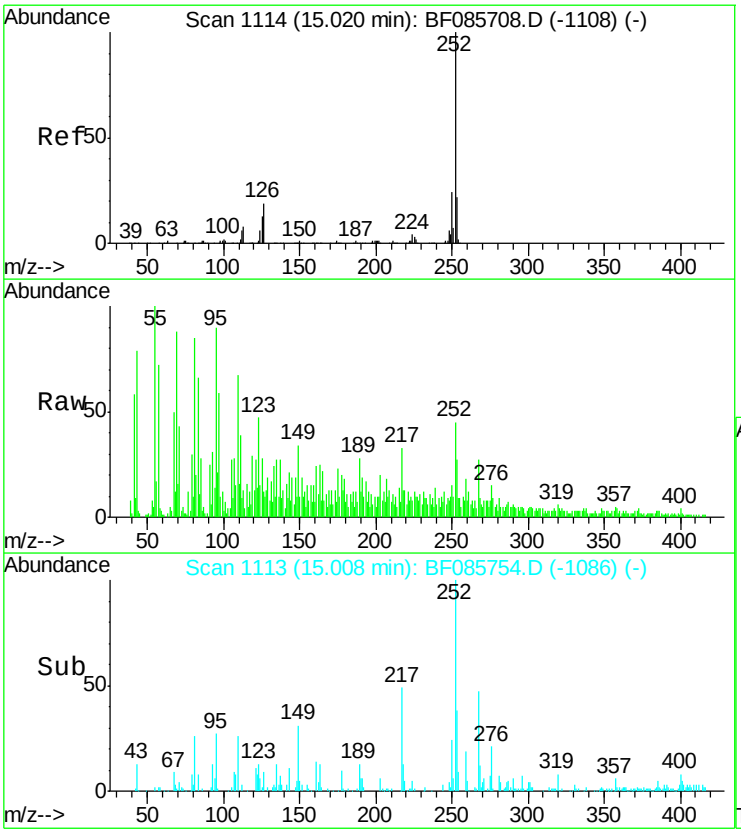
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 187440

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	23.3	17.2	25.8

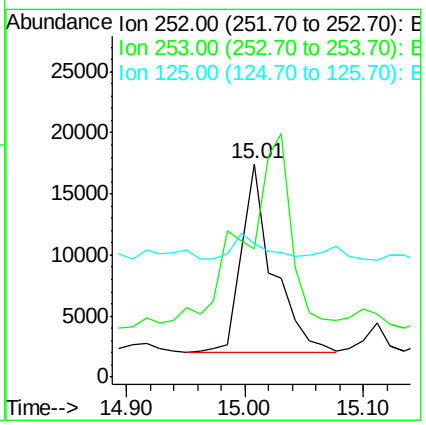


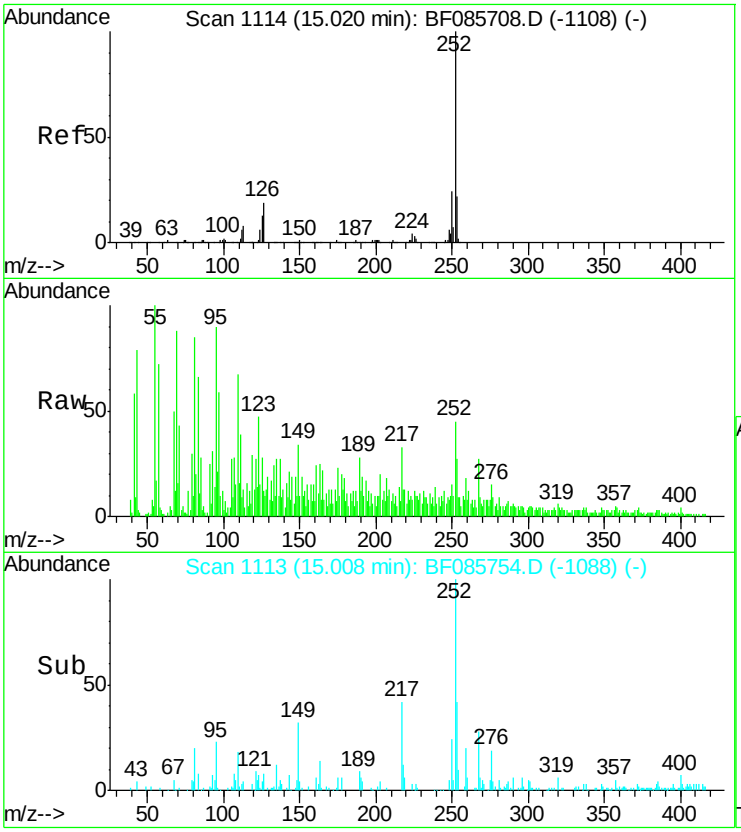


#87
Benzo(b)fluoranthene
Concen: 2.43 ng
RT: 15.01 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion:252 Resp: 28693

Ion	Ratio	Lower	Upper
252	100		
253	60.4	17.6	26.4#
125	62.4	10.3	15.5#





#88
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28693

Ion	Ratio	Lower	Upper
252	100		
253	60.4	17.8	26.6#
125	62.4	7.7	11.5#