Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085423.D
Acq On : 14 Mar 2016 12:32
Operator : UM/SJ
Sample : H1743-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MNR-HARMON-BLDG-30-RW1DL

Quant Time: Mar 15 00:57:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148891	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	599403	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	306600	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	531908	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	330959	20.00	ng	-0.06
86) Perylene-d12	15.55	264	253887	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	318848	35.92	ng	-0.06
7) Phenol-d6	6.54	99	248052	21.33	ng	-0.07
23) Nitrobenzene-d5	7.49	82	582830	52.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	195512	74.52	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	953138	47.28	ng	-0.06
78) Terphenyl-d14	13.04	244	849908	59.61	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	2848	Below Cal	#	1
18) Hexachloroethane	7.38	117	12512	2.95	ng #	1
20) 3+4-Methylphenols	7.33	107	40950	3.96	ng #	80
24) Nitrobenzene	7.46	77	35164	3.09	ng #	24
31) Naphthalene	8.23	128	210526	7.14	ng #	90
32) Benzoic acid	7.99	122	36675	5.46	ng #	23
33) 4-Chloroaniline	8.23	127	57718	4.84	ng #	41
37) 2-Methylnaphthalene	8.93	142	1043290	55.16	ng	98
47) 2-Nitroaniline	9.53	65	15342	2.48	ng #	48
49) Dimethylphthalate	9.68	163	109570	4.66	ng #	93
51) Acenaphthene	10.00	154	51824	2.75	ng #	80
52) 3-Nitroaniline	9.92	138	14764	2.45	ng #	66
53) 2,4-Dinitrophenol	10.04	184	1108	8.42	ng #	1
54) Dibenzofuran	10.17	168	62711	2.54	ng #	78
55) 4-Nitrophenol	10.07	139	11683	2.47	ng #	18
57) Fluorene	10.52	166	98335	5.06	ng #	97
65) n-Nitrosodiphenylamine	10.63	169	38255	2.31	ng	90
70) Phenanthrene	11.48	178	133878	4.80	ng	99
71) Anthracene	11.48	178	133878	4.52	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085423.D
Acq On : 14 Mar 2016 12:32
Operator : UM/SJ
Sample : H1743-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Quant Time: Mar 15 00:57:59 2016
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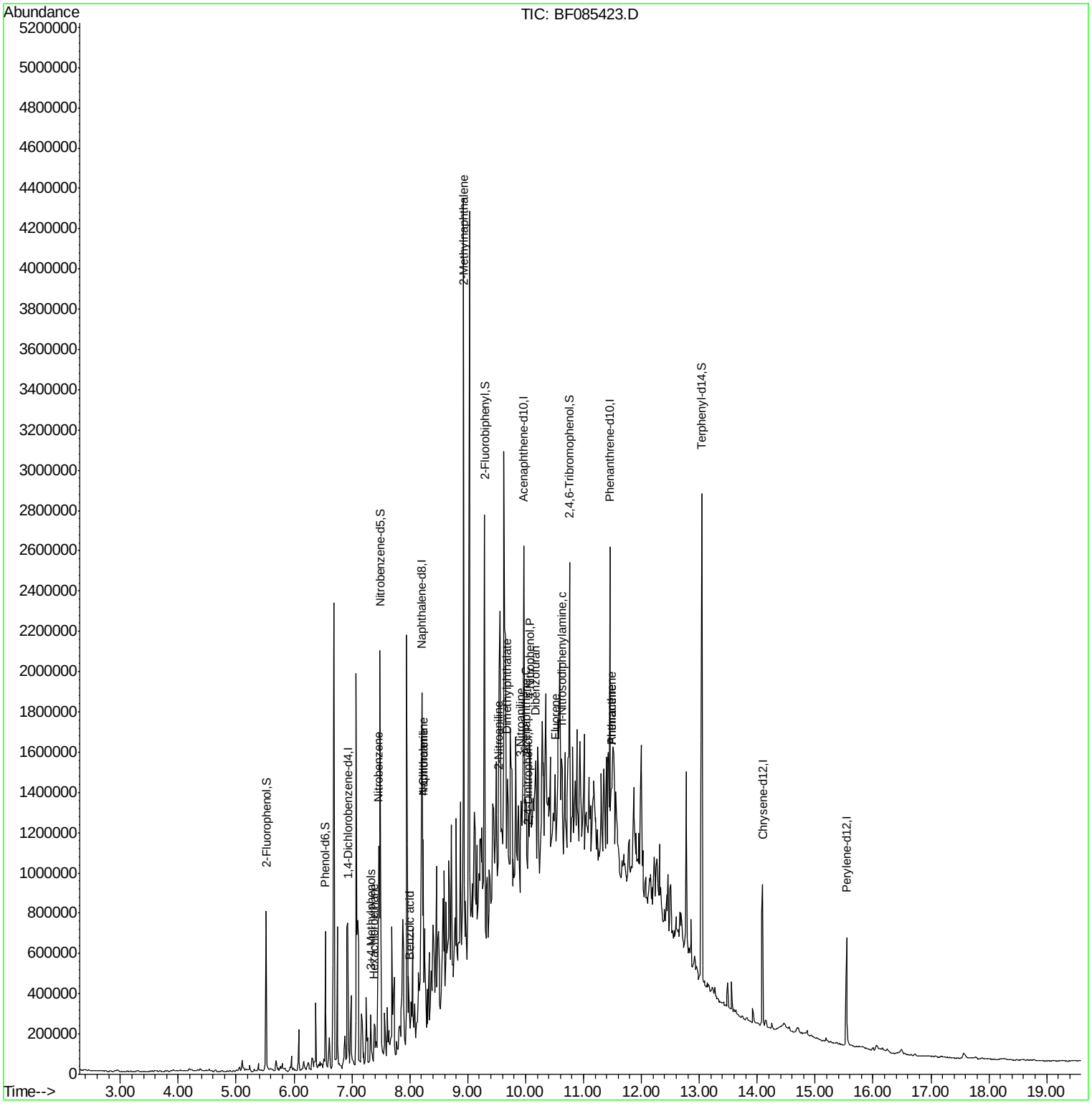
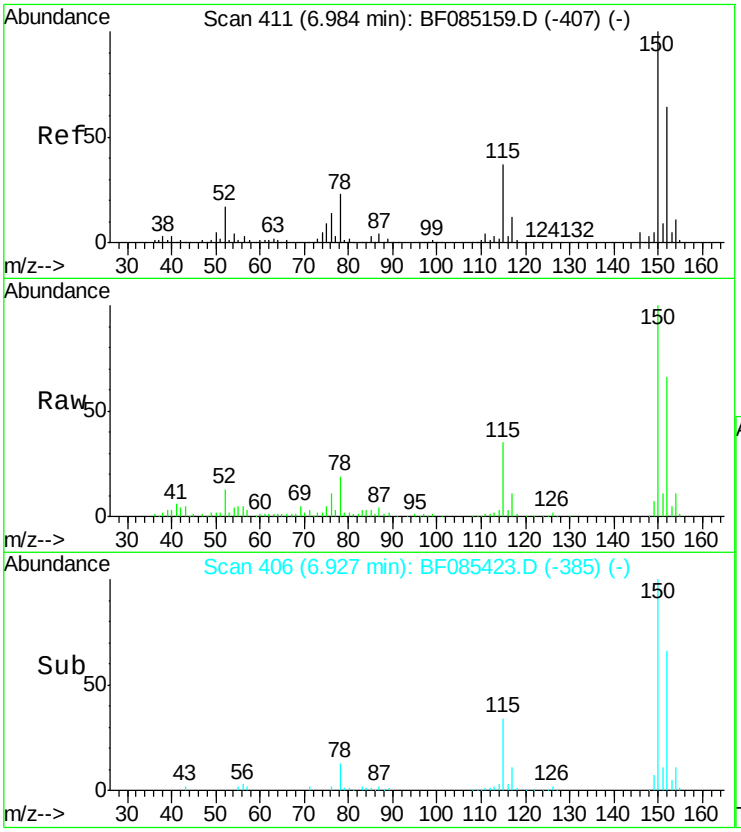


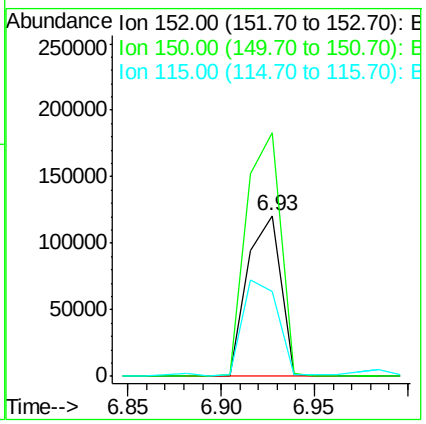


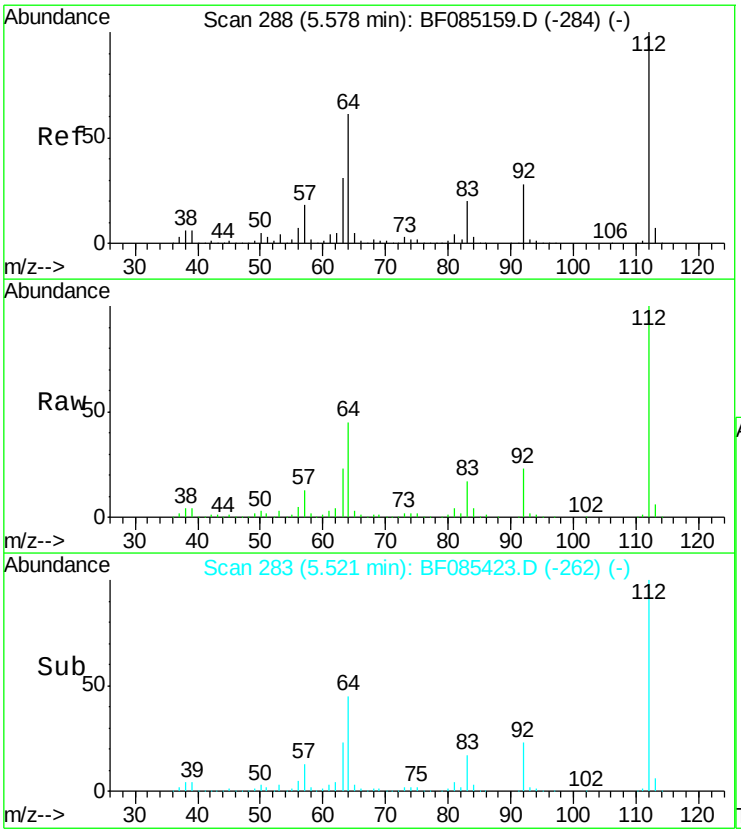
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:152 Resp: 148891

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	52.7	46.6	70.0

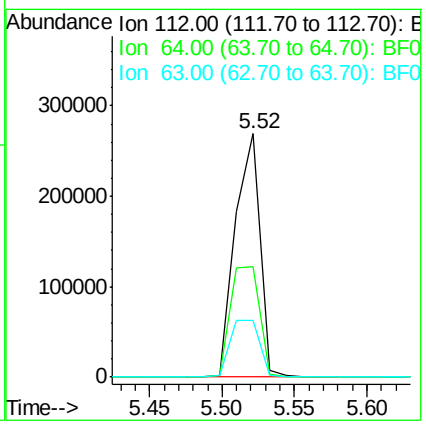


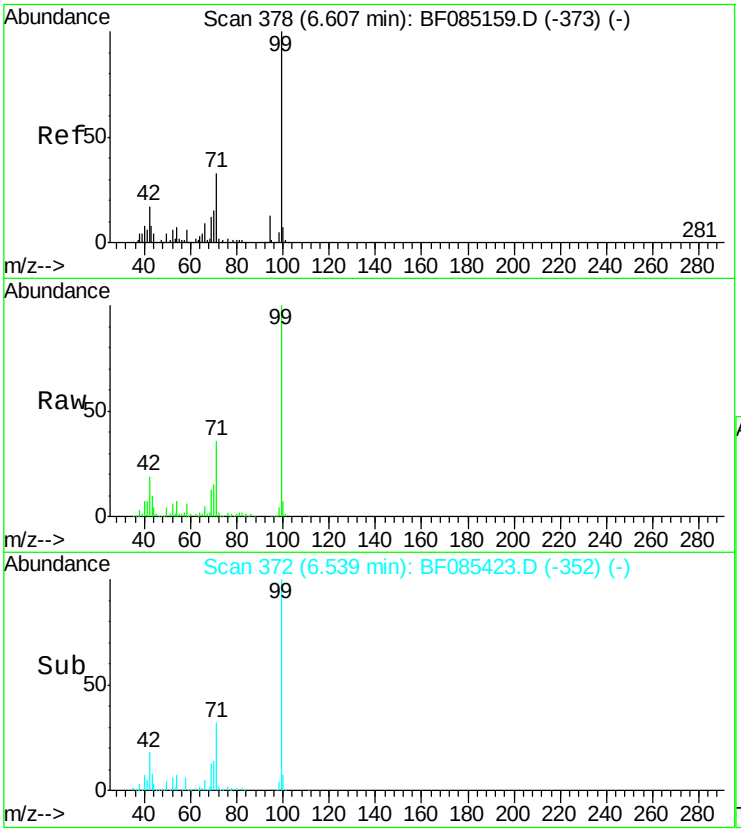


#5
2-Fluorophenol
Concen: 35.92 ng
RT: 5.52 min Scan# 283
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:112 Resp: 318848

Ion	Ratio	Lower	Upper
112	100		
64	45.2	49.0	73.4#
63	23.1	24.8	37.2#



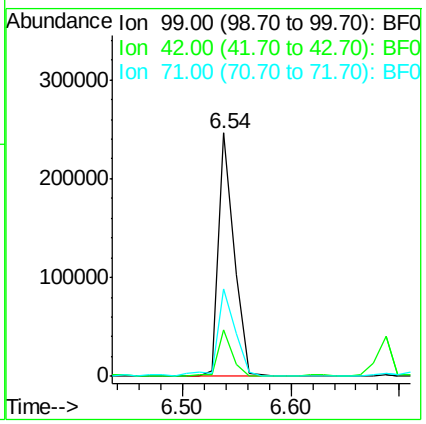


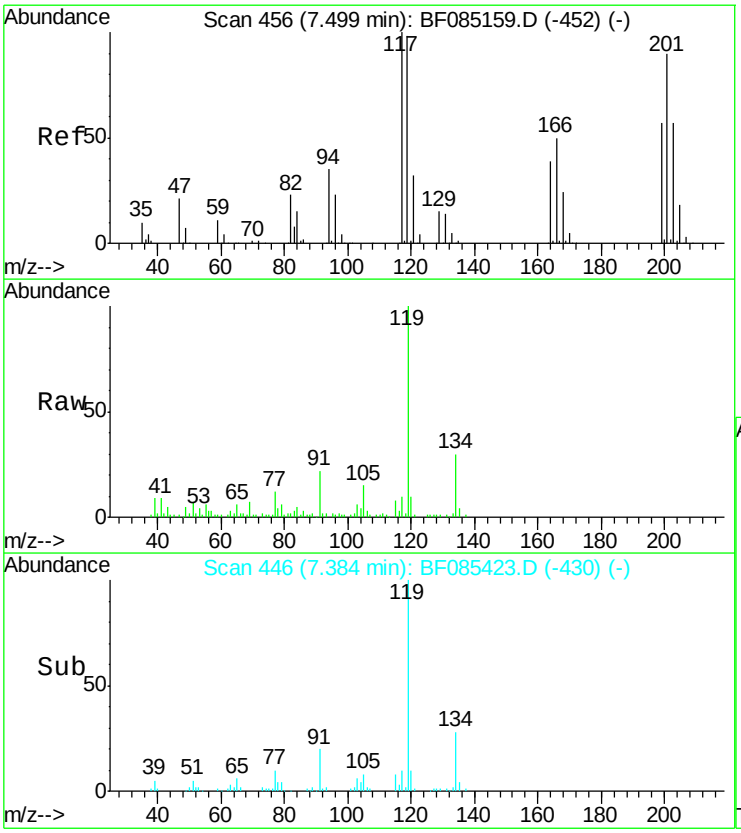
#7
Phenol-d6
Concen: 21.33 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.07 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion: 99 Resp: 248052

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.6	20.4
71	36.2	26.7	40.1

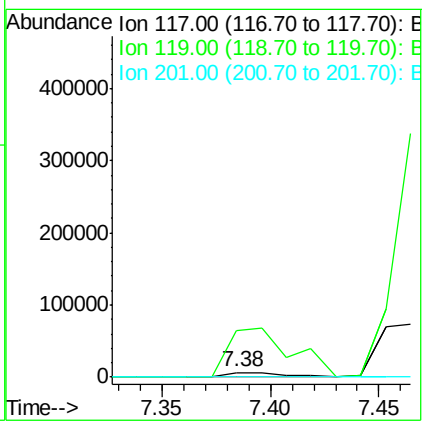


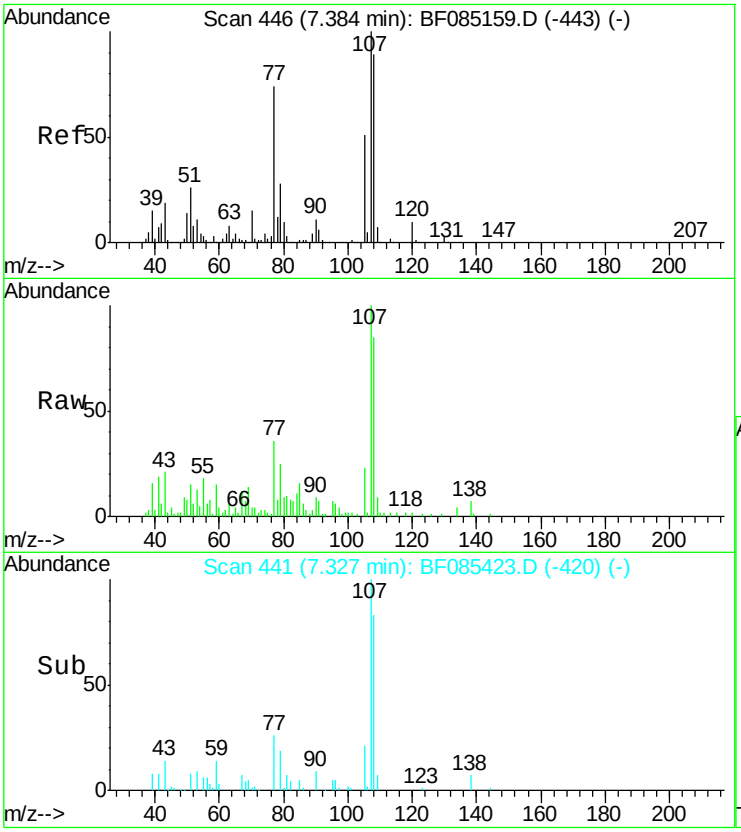


#18
Hexachloroethane
Concen: 2.95 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.11 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:117 Resp: 12512

Ion	Ratio	Lower	Upper
117	100		
119	1006.4	78.2	117.4#
201	0.0	72.0	108.0#



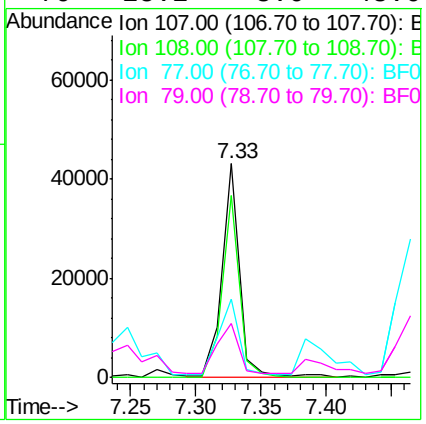


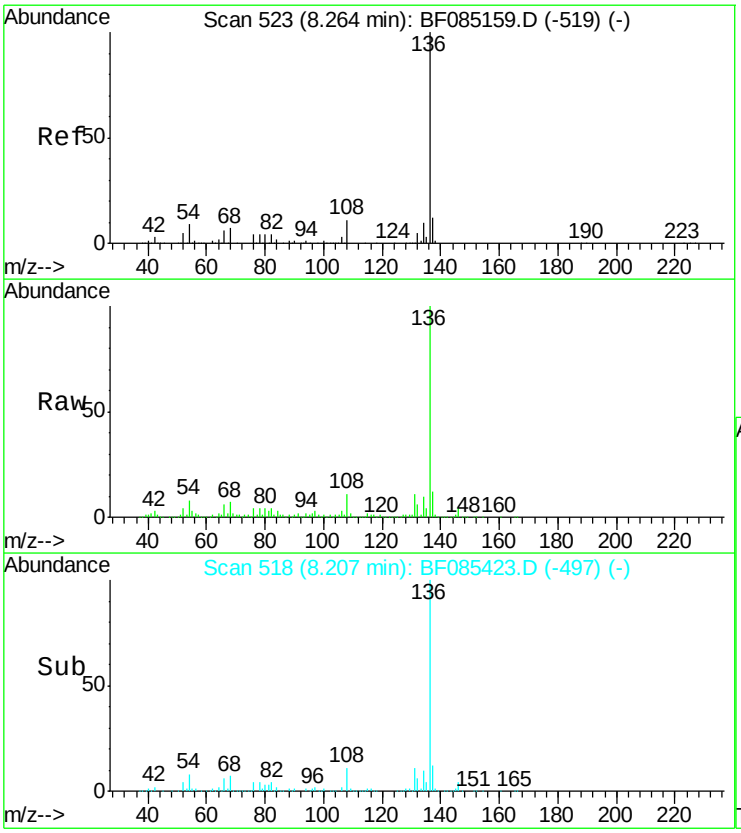
#20
3+4-Methylphenols
Concen: 3.96 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:107 Resp: 40950

Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.8	108.8
77	36.3	53.6	93.6#
79	25.2	8.0	48.0

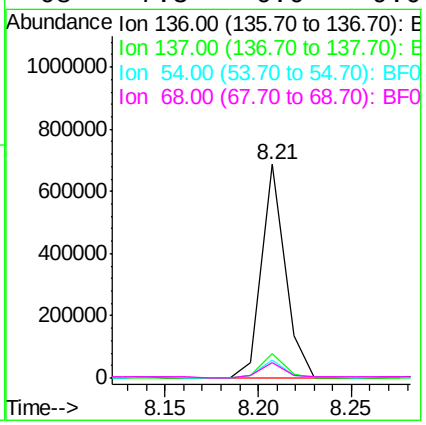


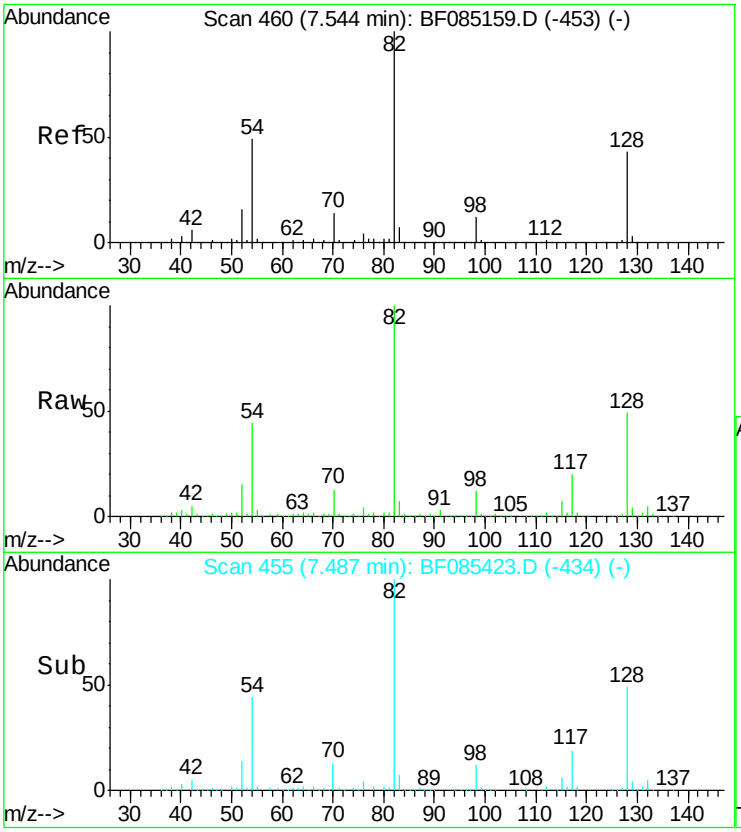


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:136 Resp: 599403

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.4	7.4	11.2
68	7.3	6.0	9.0



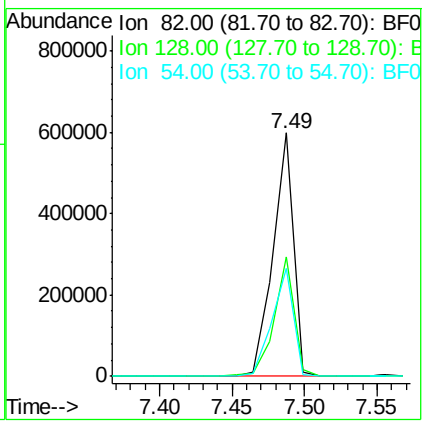


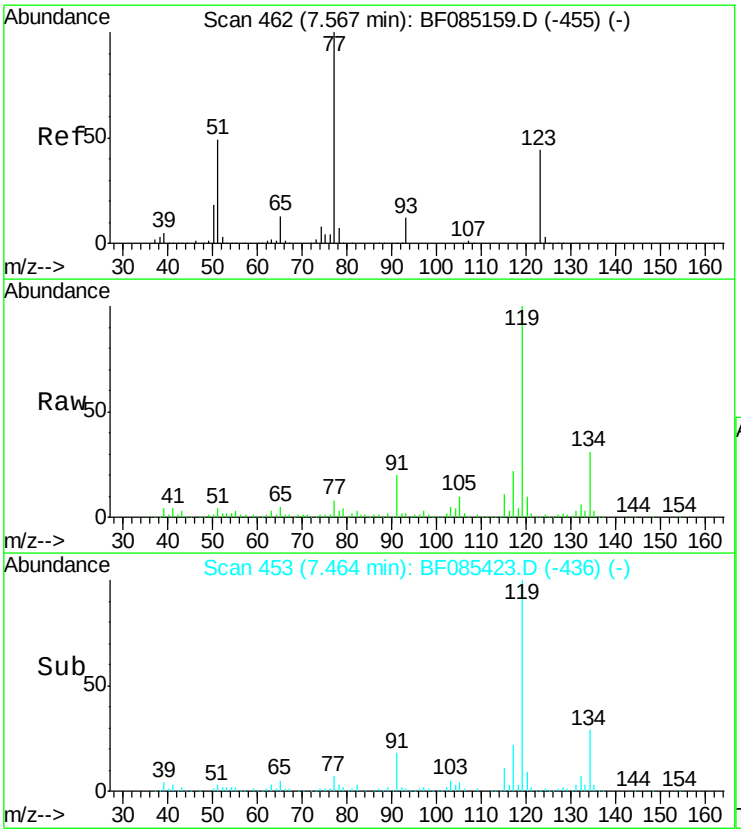
#23
Nitrobenzene-d5
Concen: 52.03 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion: 82 Resp: 582830

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.5	51.7
54	44.4	39.3	58.9

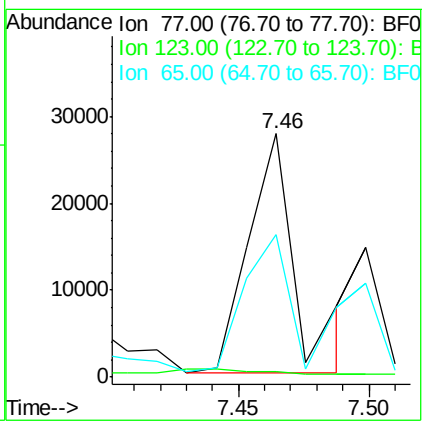


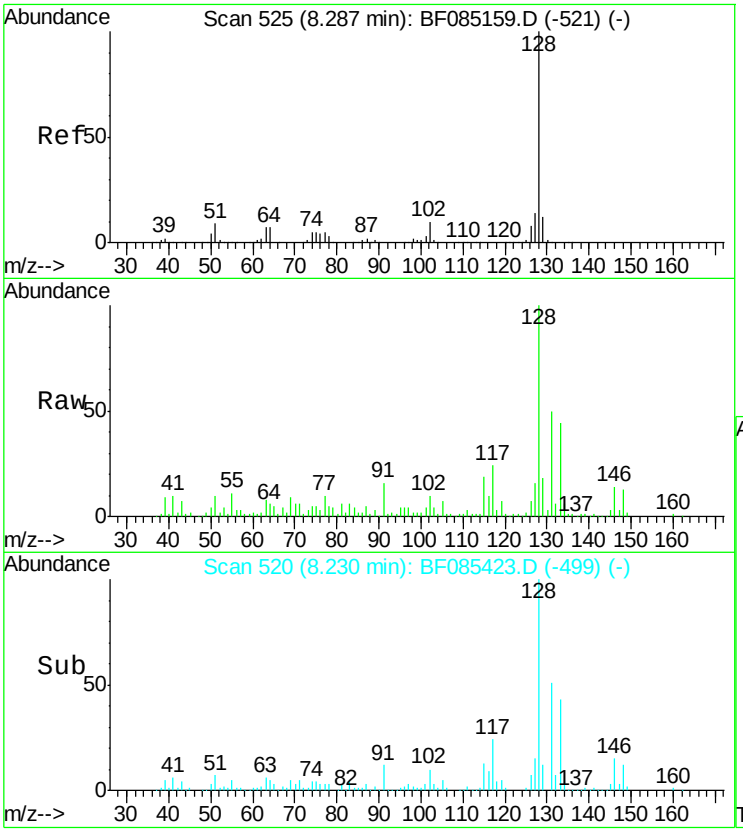


#24
Nitrobenzene
Concen: 3.09 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion: 77 Resp: 35164

Ion	Ratio	Lower	Upper
77	100		
123	2.2	35.4	53.2#
65	58.7	10.6	16.0#



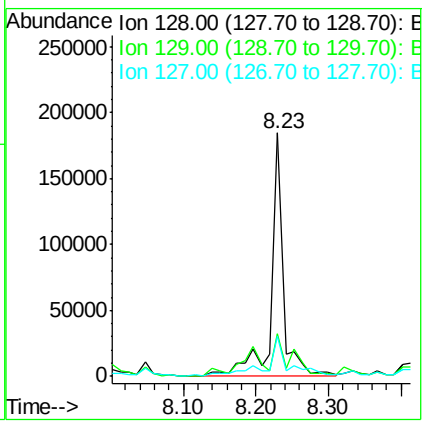


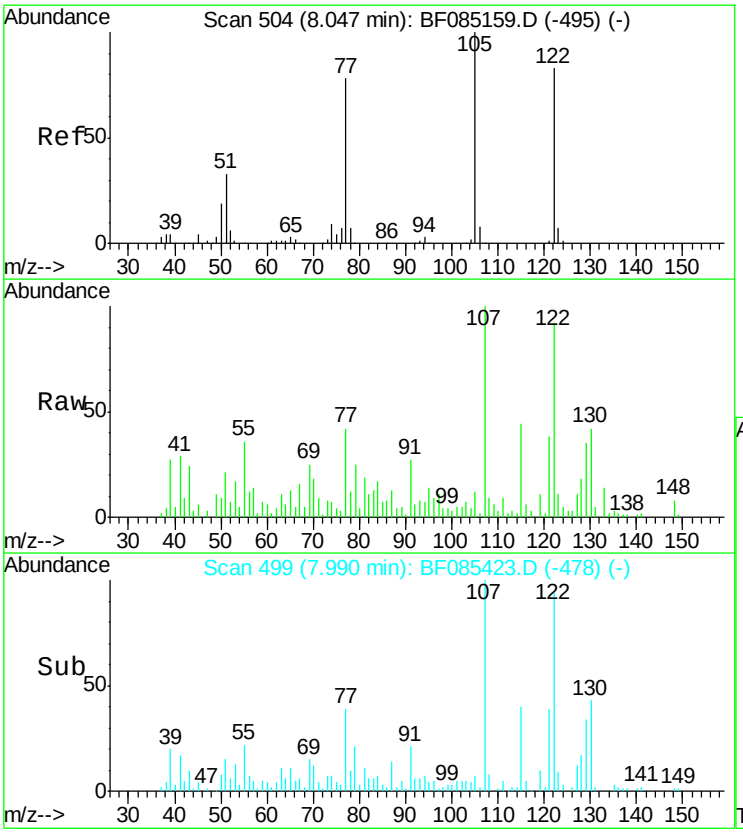
#31
Naphthalene
Concen: 7.14 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:128 Resp: 210526

Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.7	14.5#
127	16.4	11.2	16.8

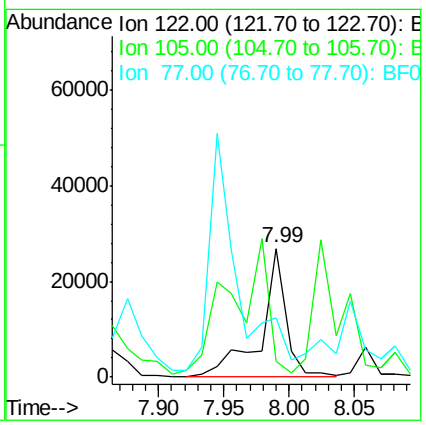


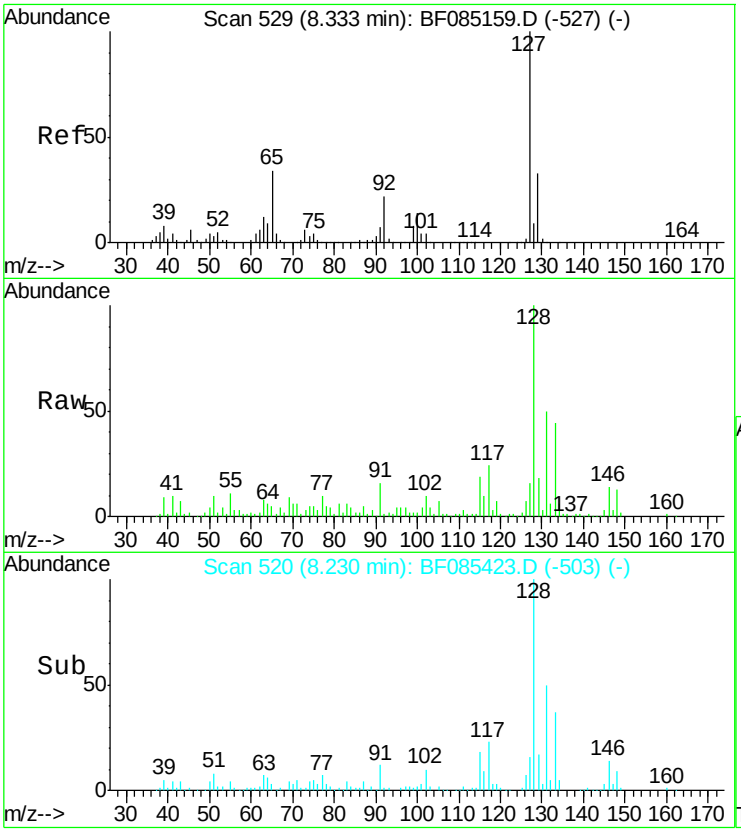


#32
Benzoic acid
Concen: 5.46 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:122 Resp: 36675

Ion	Ratio	Lower	Upper
122	100		
105	12.6	101.3	141.3#
77	45.8	74.7	114.7#



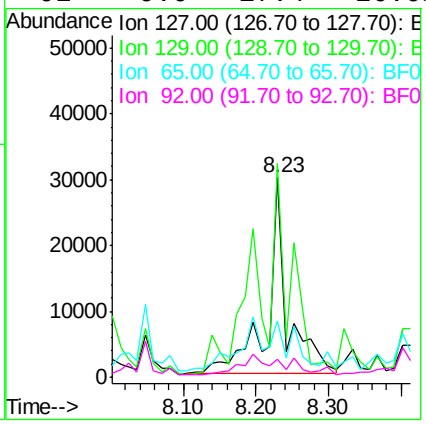


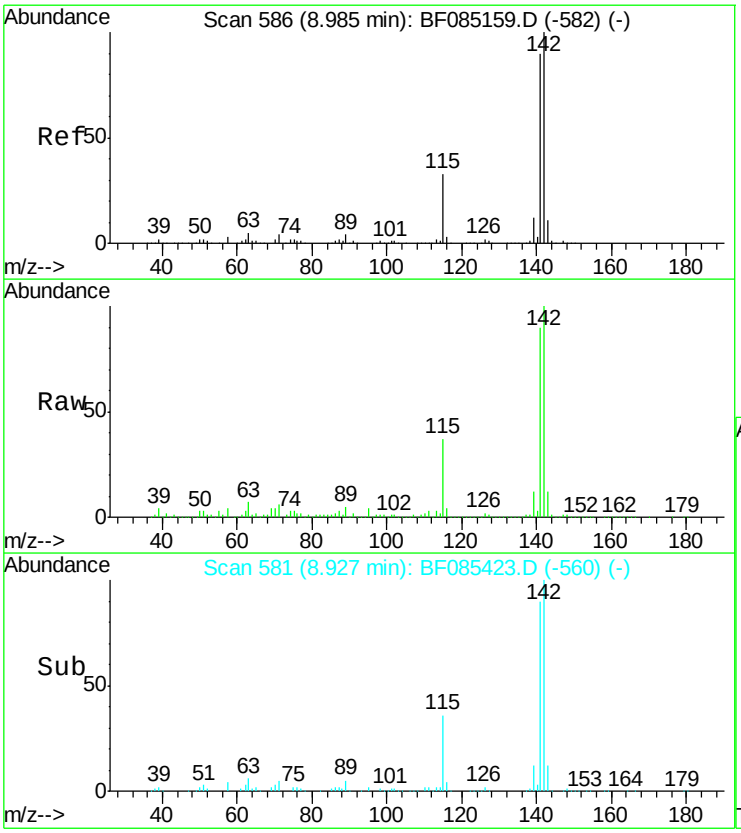
#33
4-Chloroaniline
Concen: 4.84 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.10 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:127 Resp: 57718

Ion	Ratio	Lower	Upper
127	100		
129	107.2	26.1	39.1#
65	28.6	27.0	40.6
92	9.0	17.4	26.0#

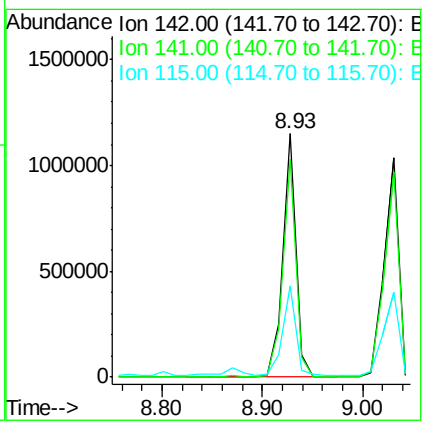


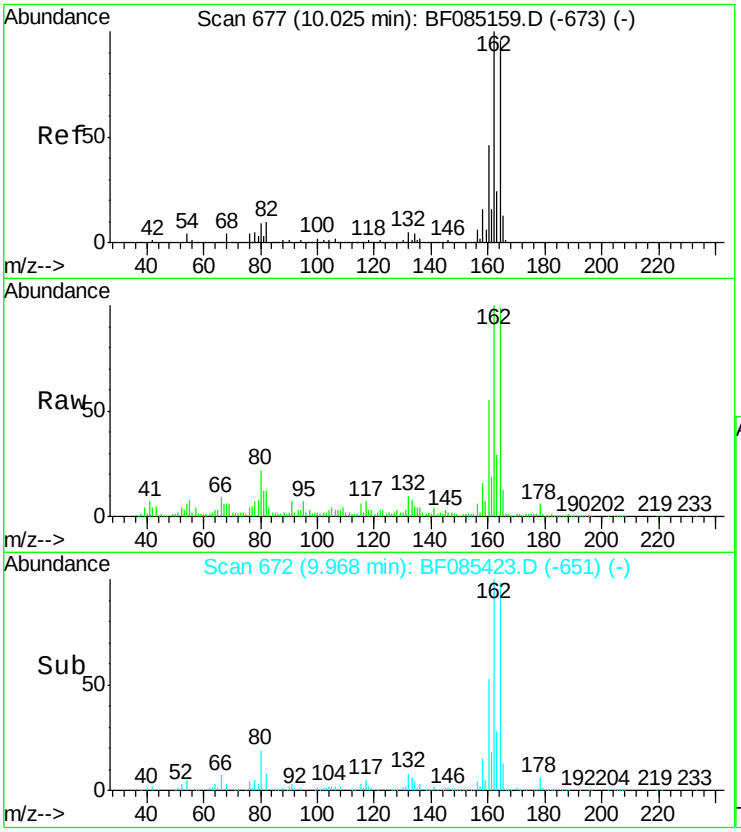


#37
2-Methylnaphthalene
Concen: 55.16 ng
RT: 8.93 min Scan# 581
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:142 Resp: 1043290

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.7	107.5
115	37.3	26.2	39.4



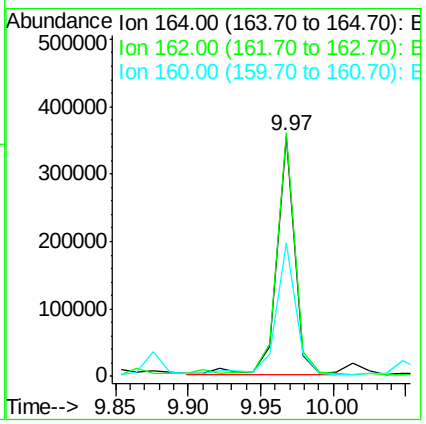


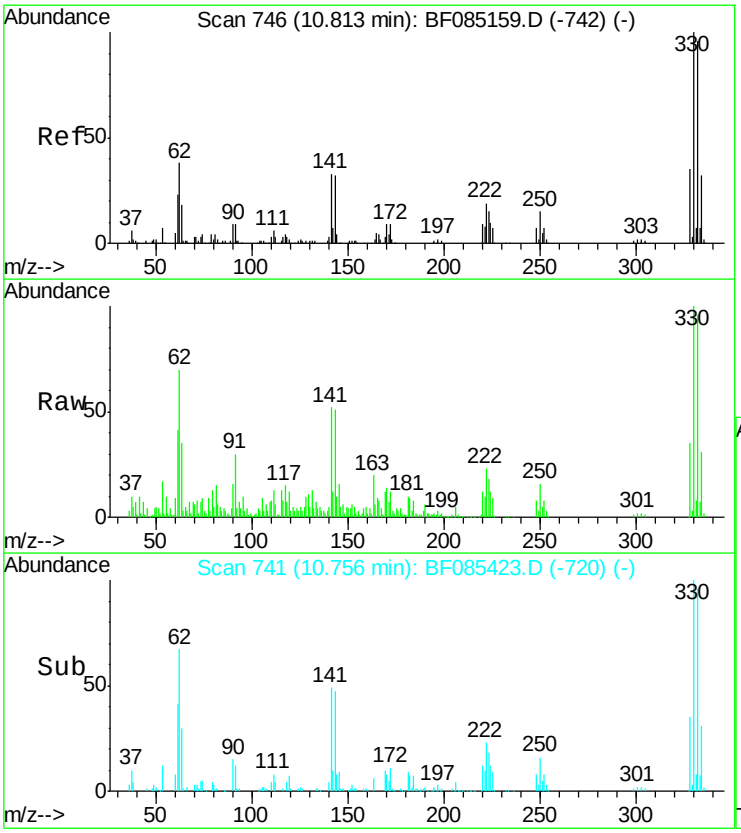
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:164 Resp: 306600

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.3	124.9
160	55.8	37.9	56.9

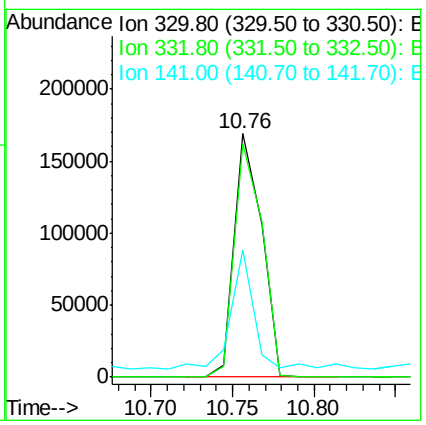


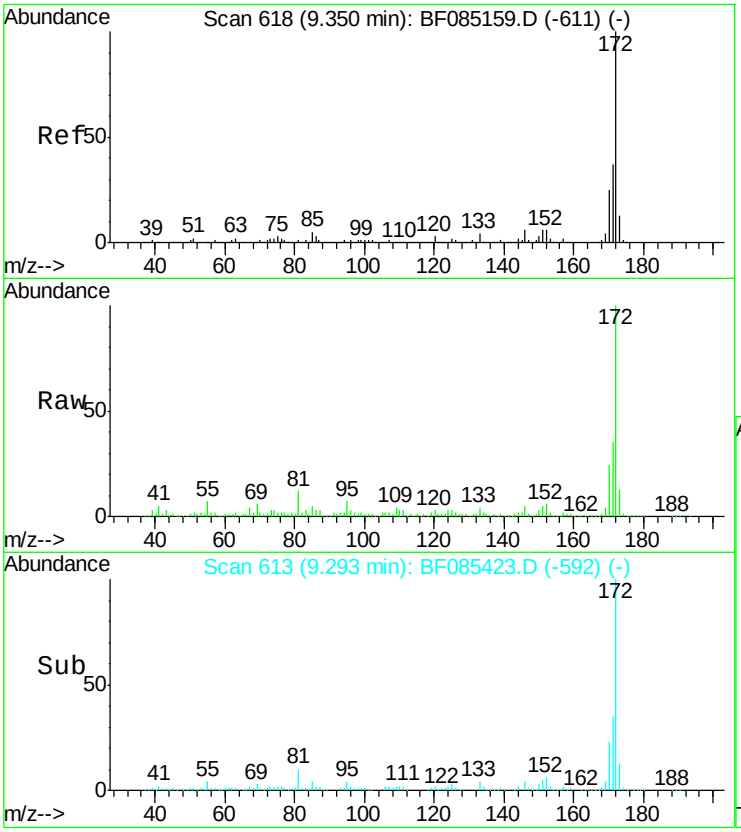


#41
2,4,6-Tribromophenol
Concen: 74.52 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:330 Resp: 195512

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	41.8	35.0	52.6



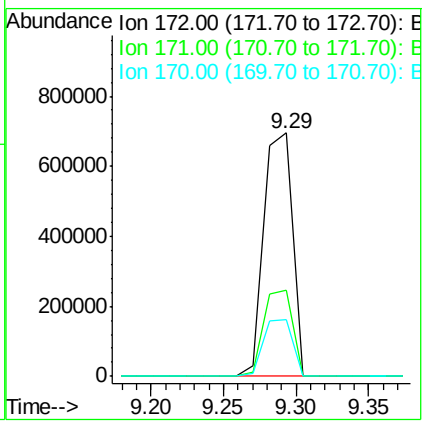


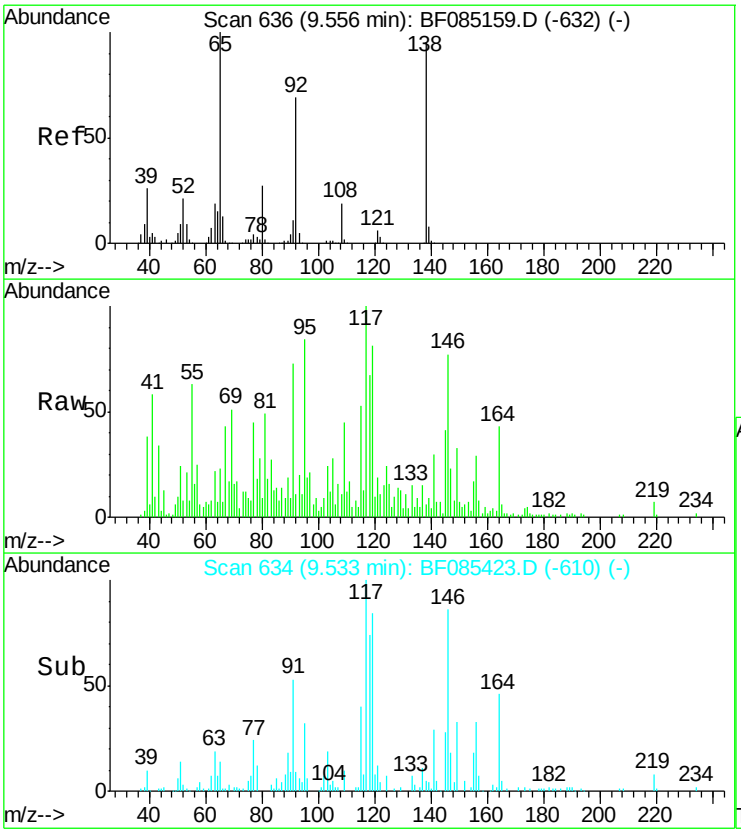
#44
2-Fluorobiphenyl
Concen: 47.28 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:172 Resp: 953138

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.6	20.0	30.0

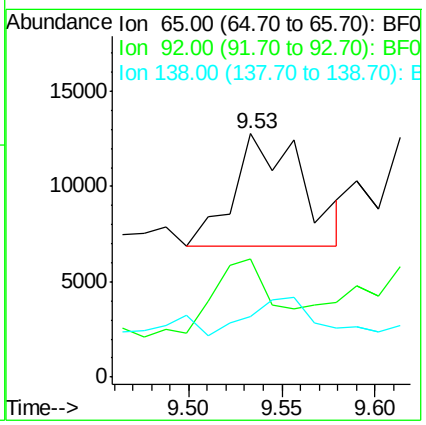


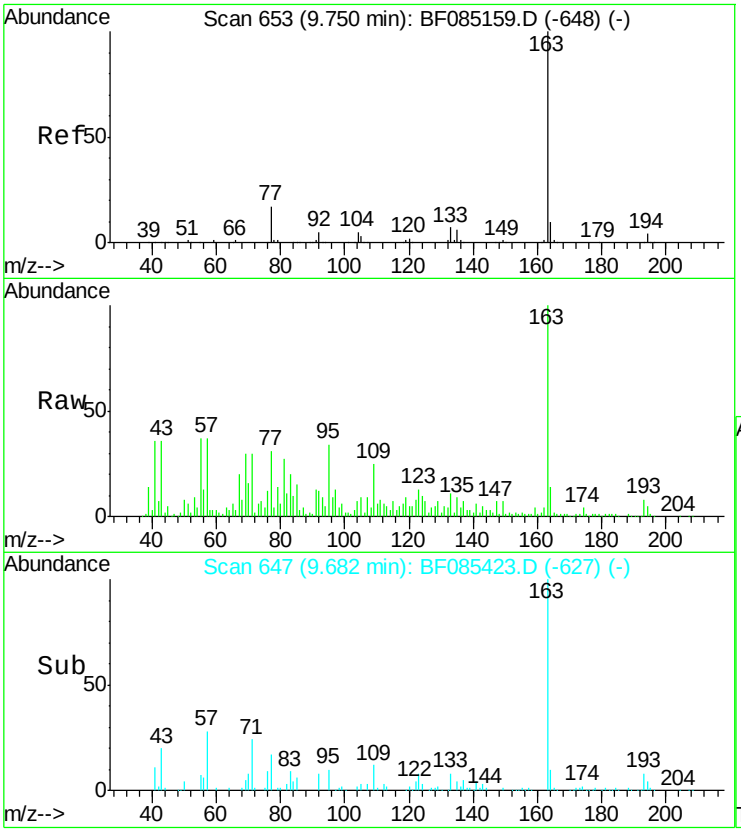


#47
2-Nitroaniline
Concen: 2.48 ng
RT: 9.53 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion: 65 Resp: 15342

Ion	Ratio	Lower	Upper
65	100		
92	48.5	55.4	83.2#
138	25.0	75.7	113.5#



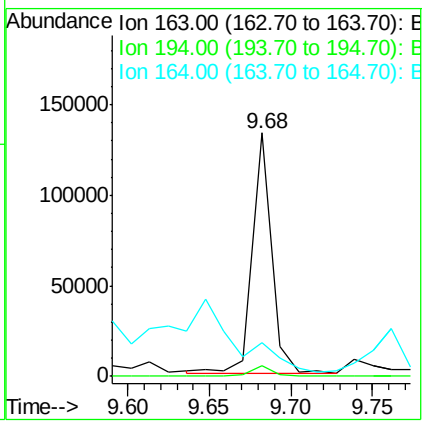


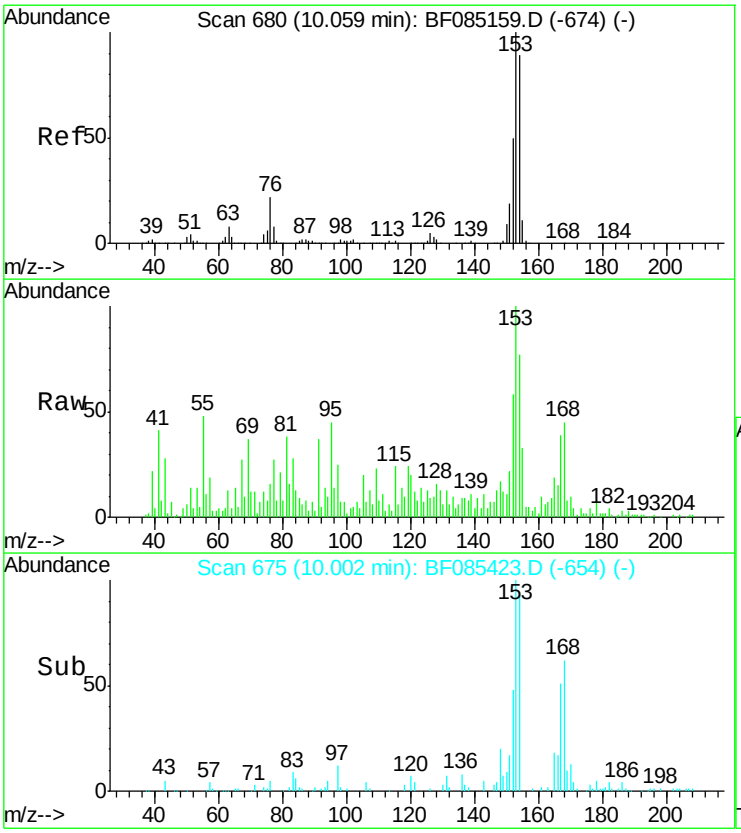
#49
Dimethylphthalate
Concen: 4.66 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:163 Resp: 109570

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	13.6	8.2	12.4#

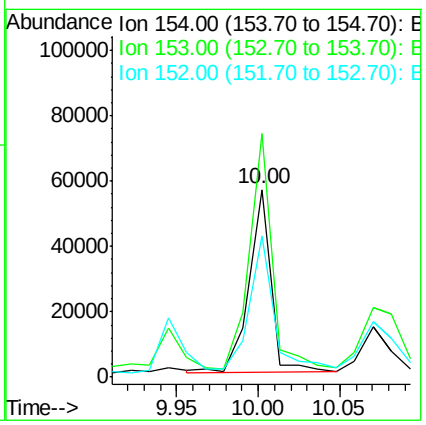


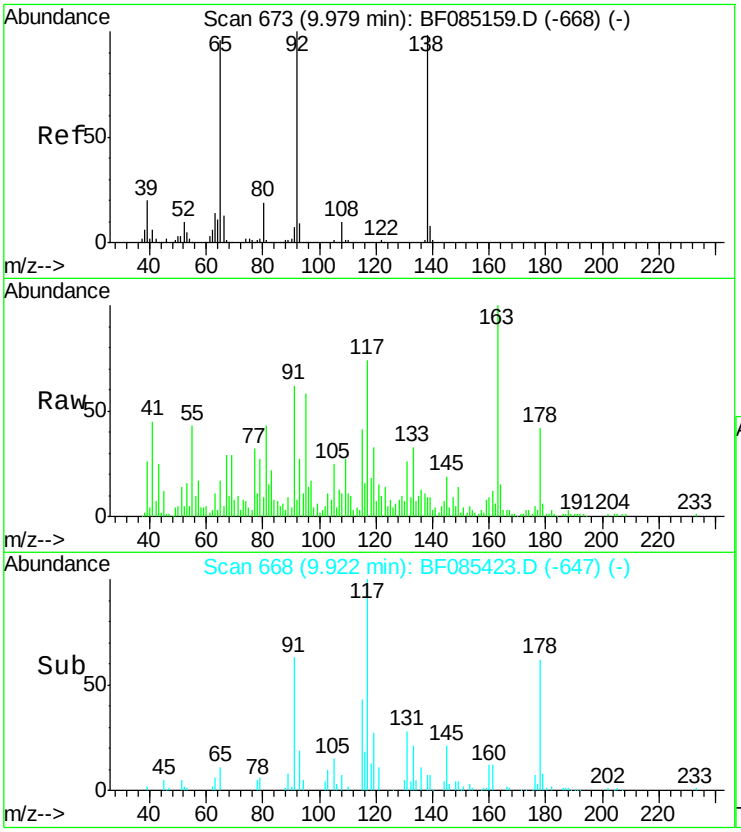


#51
Acenaphthene
Concen: 2.75 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:154 Resp: 51824

Ion	Ratio	Lower	Upper
154	100		
153	129.8	89.8	134.8
152	75.0	44.6	66.8#



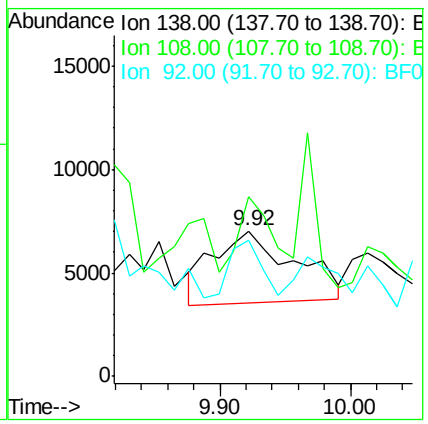


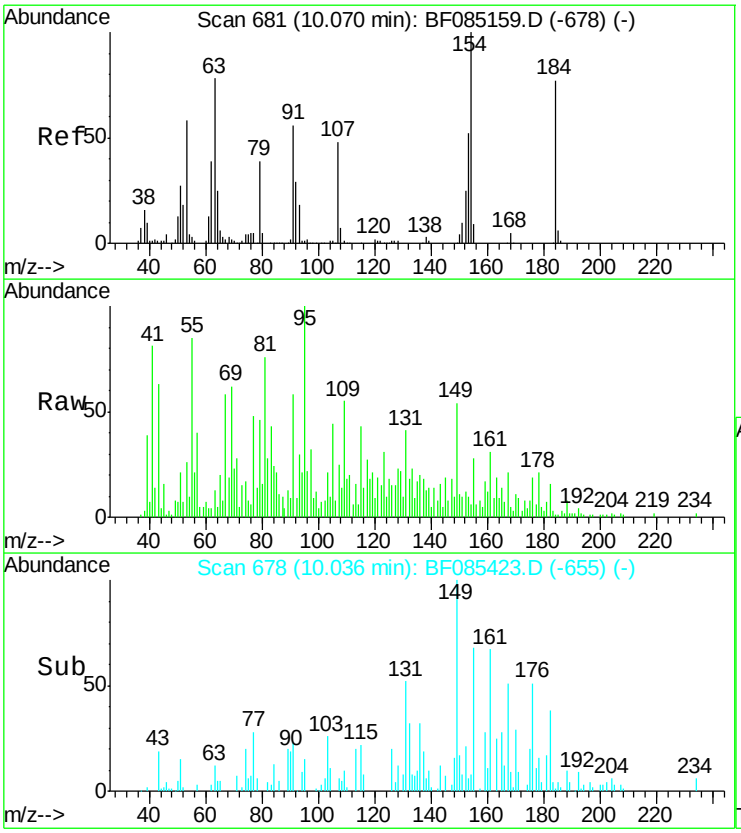
#52
3-Nitroaniline
Concen: 2.45 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:138 Resp: 14764

Ion	Ratio	Lower	Upper
138	100		
108	123.9	7.8	11.6#
92	93.8	81.3	121.9

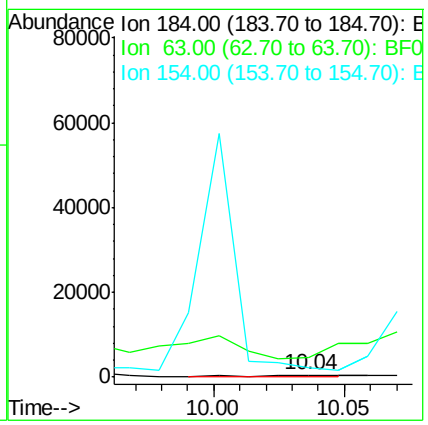


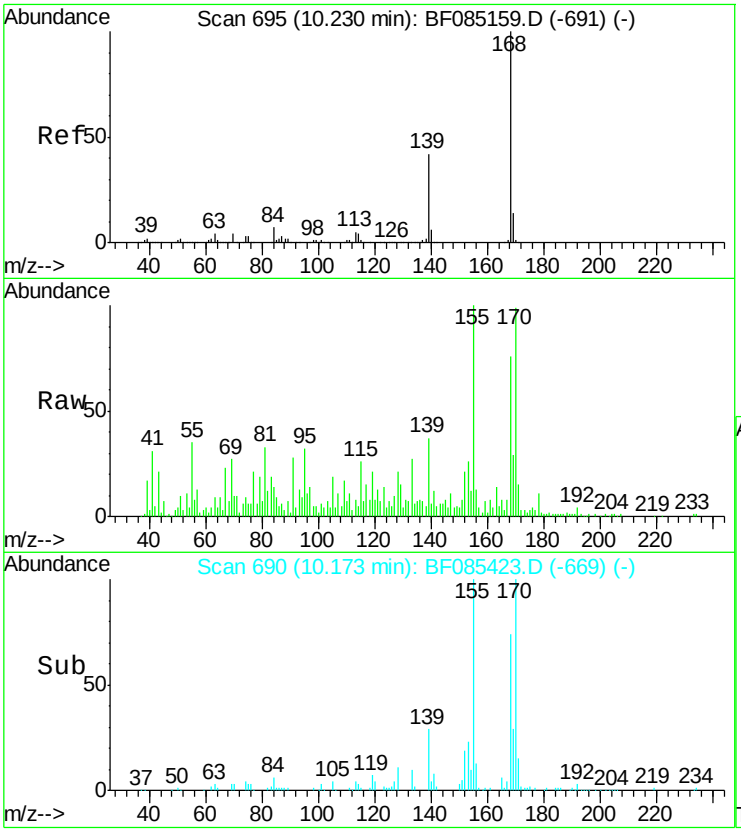


#53
2,4-Dinitrophenol
Concen: 8.42 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:184 Resp: 1108

Ion	Ratio	Lower	Upper
184	100		
63	988.7	82.2	123.4#
154	485.9	108.9	163.3#



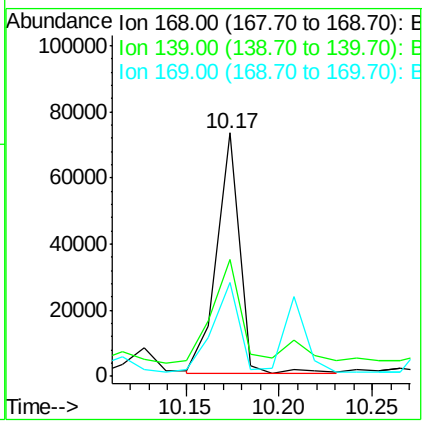


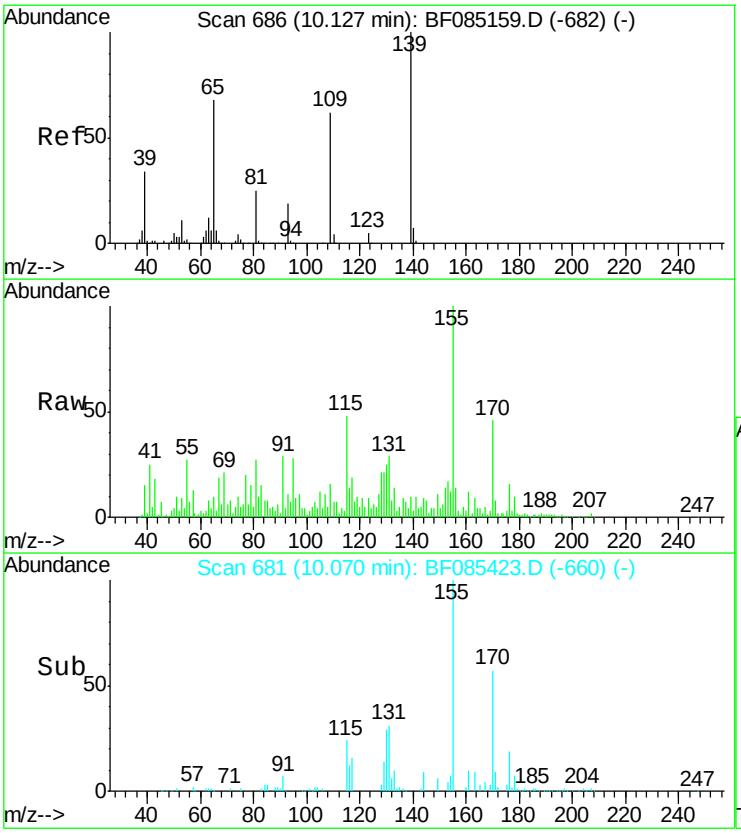
#54
Dibenzofuran
Concen: 2.54 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:168 Resp: 62711

Ion	Ratio	Lower	Upper
168	100		
139	48.2	33.6	50.4
169	38.5	11.2	16.8#

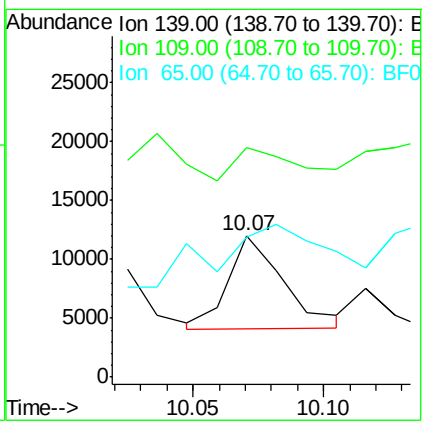


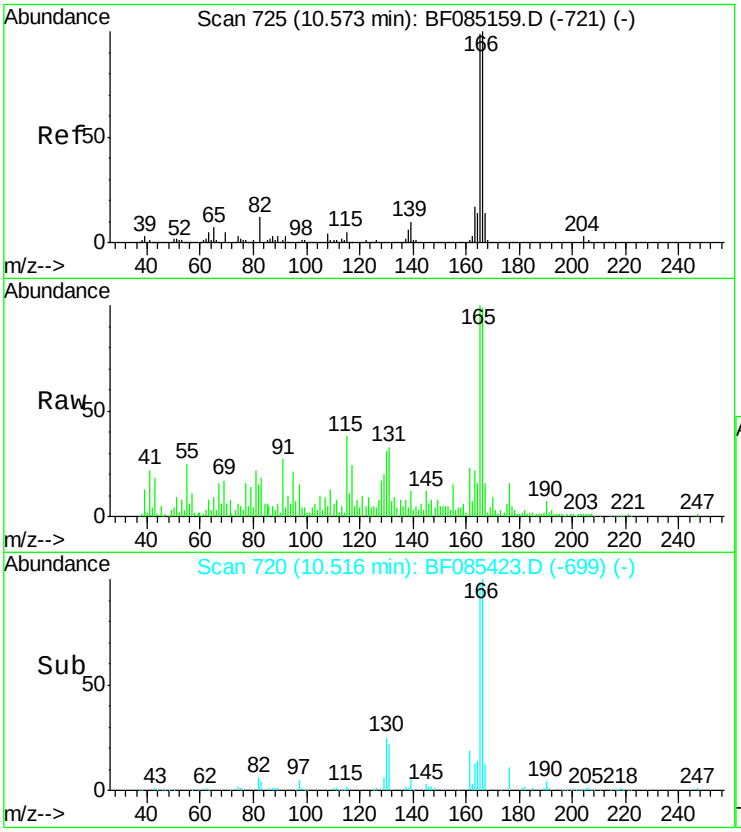


#55
4-Nitrophenol
Concen: 2.47 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:139 Resp: 11683

Ion	Ratio	Lower	Upper
139	100		
109	162.0	41.9	81.9#
65	98.9	48.3	88.3#



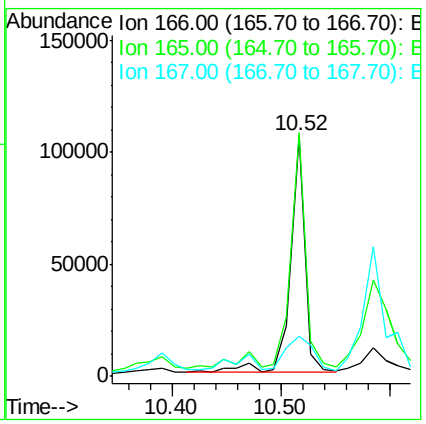


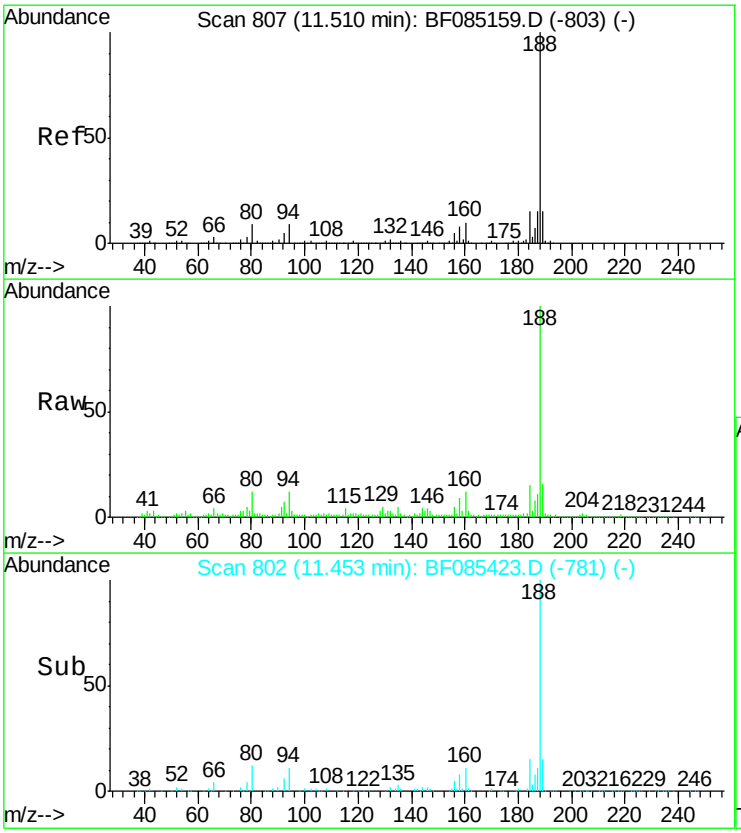
#57
Fluorene
Concen: 5.06 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:166 Resp: 98335

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.4	119.0
167	16.6	11.0	16.6#

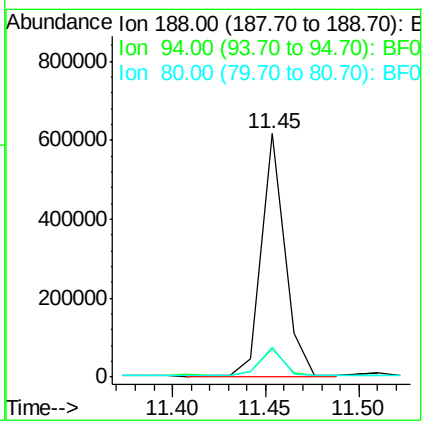


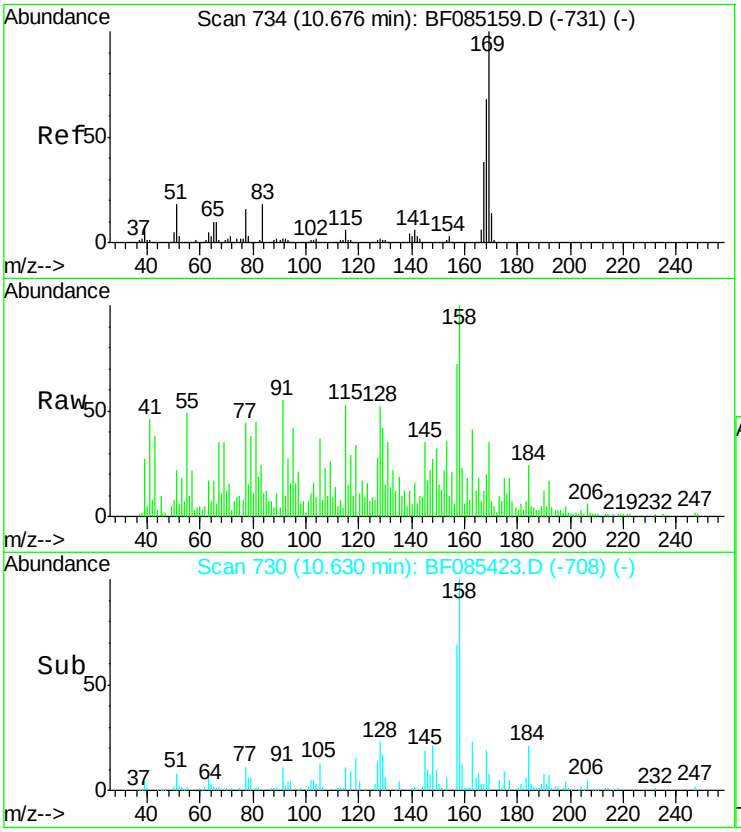


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:188 Resp: 531908

Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.0	10.6#
80	12.4	7.4	11.0#



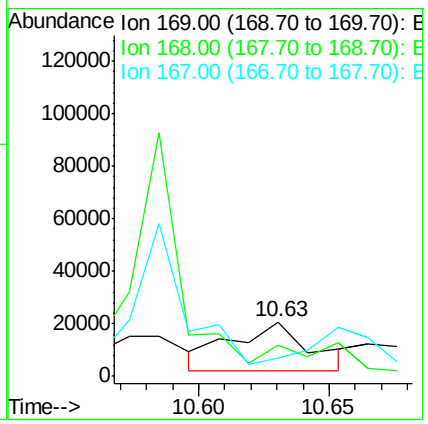


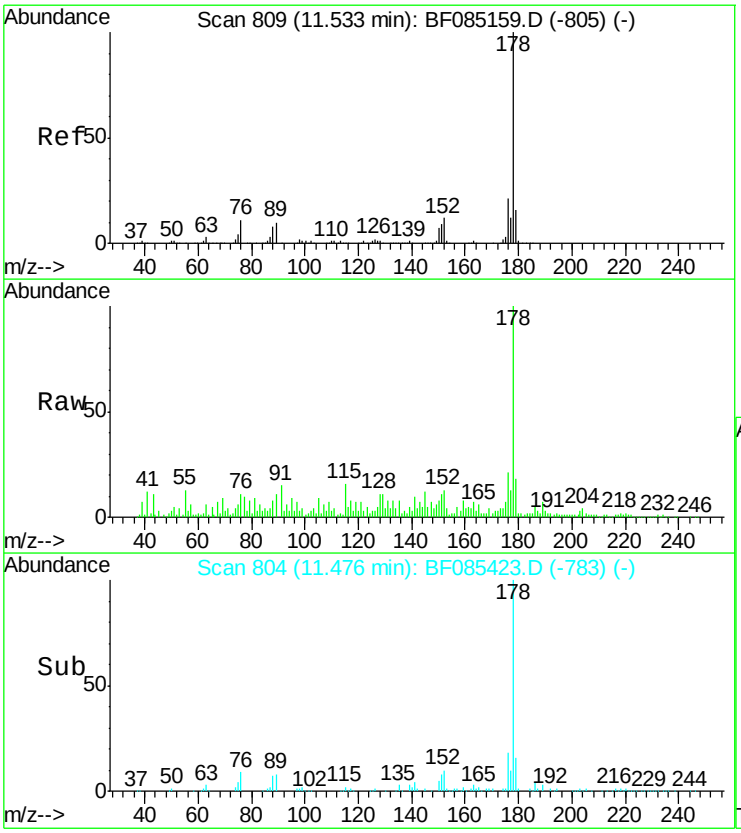
#65
n-Nitrosodiphenylamine
Concen: 2.31 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:169 Resp: 38255

Ion	Ratio	Lower	Upper
169	100		
168	58.6	54.8	82.2
167	34.2	30.3	45.5

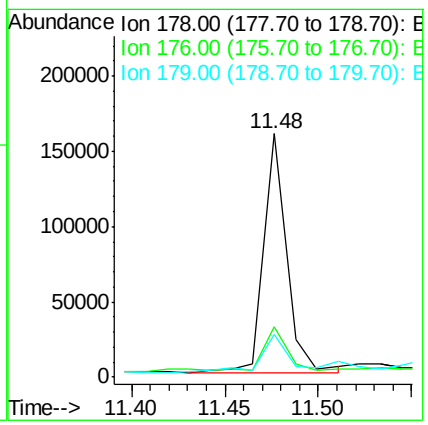


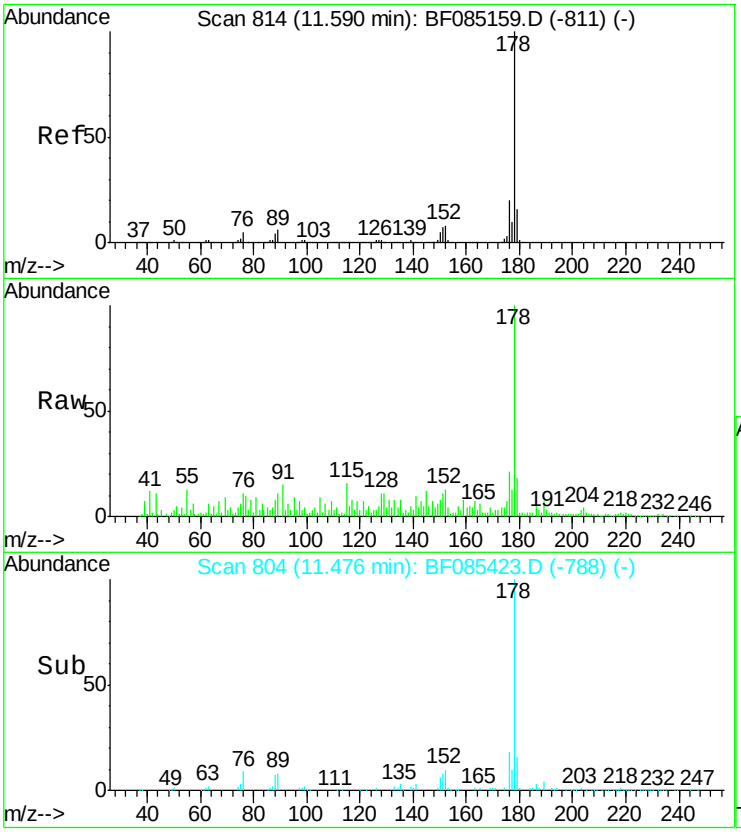


#70
Phenanthrene
Concen: 4.80 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:178 Resp: 133878

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	17.6	13.1	19.7



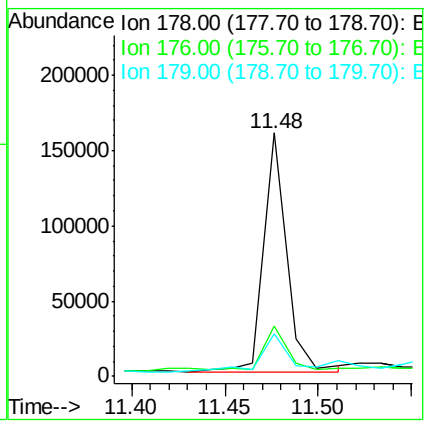


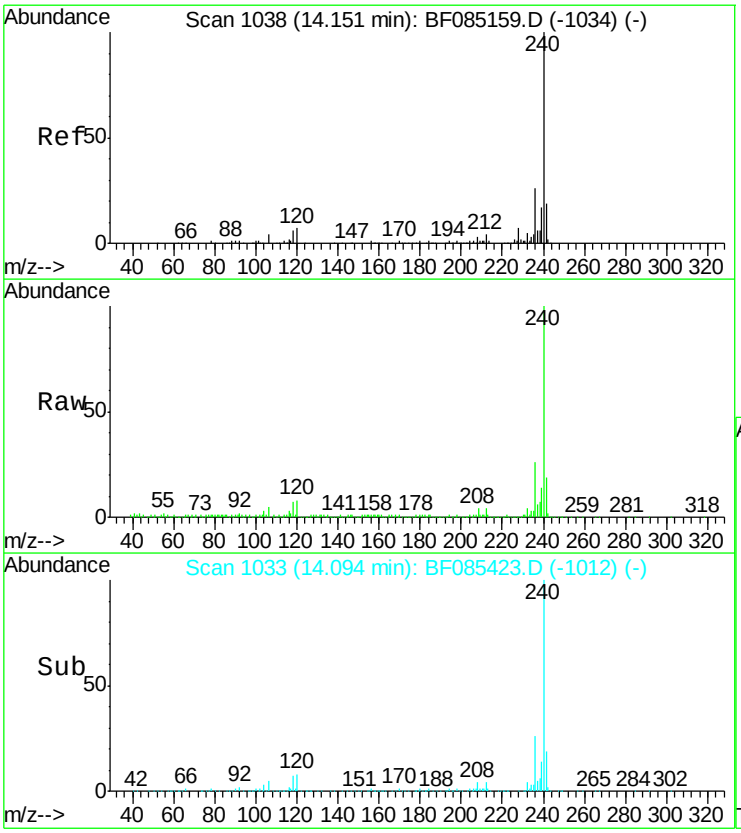
#71
Anthracene
Concen: 4.52 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.11 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:178 Resp: 133878

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	17.6	12.5	18.7

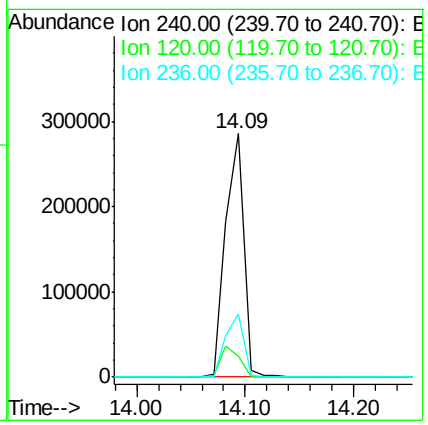


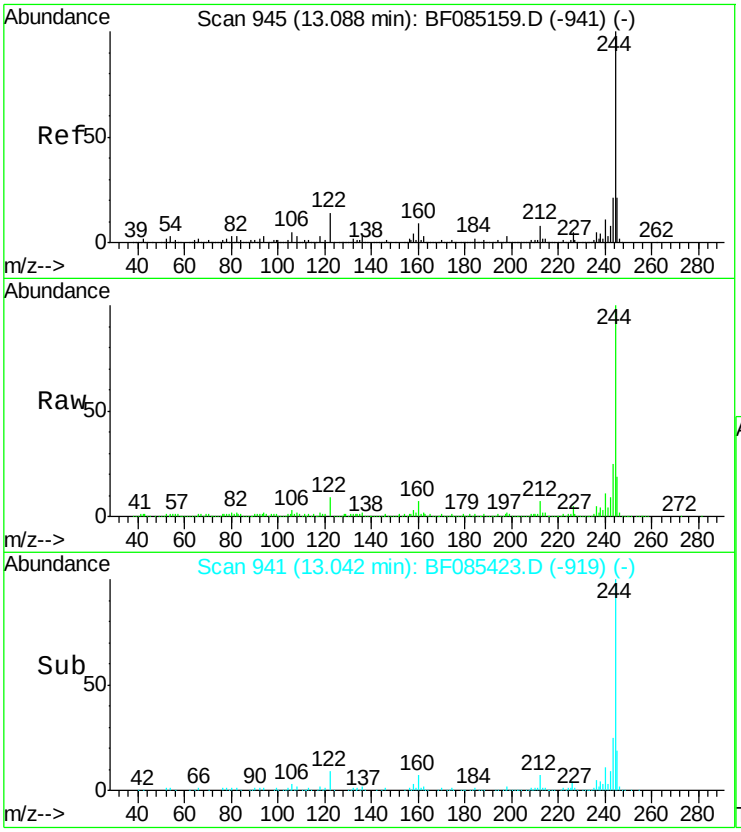


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:240 Resp: 330959

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.3	7.9#
236	25.8	20.7	31.1



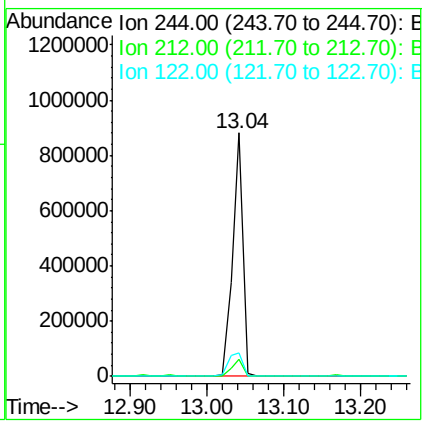


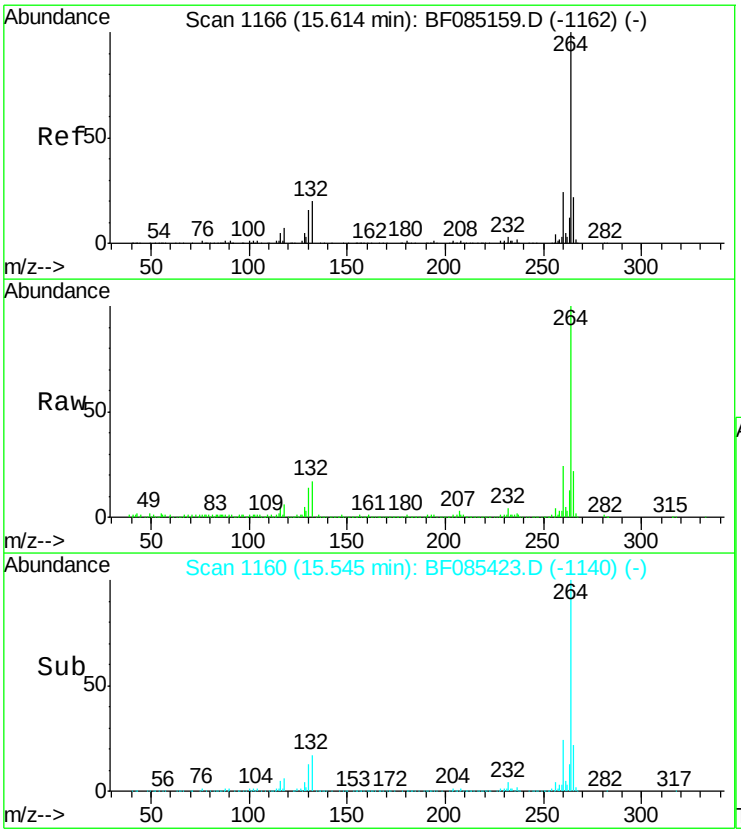
#78
Terphenyl-d14
Concen: 59.61 ng
RT: 13.04 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Instrument :
BNA_F
ClientSampleId :
MNR-HARMON-BLDG-30-RW1DL

Tgt Ion:244 Resp: 849908

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

Tgt Ion:264 Resp: 253887

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.3	25.9