Quantitation Report (QT 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

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:04 PM

Quant Time: Mar 15 01:49:52 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
20) 3+4-Methylphenols	7.33	107	40950	3.96	ng	# 80
31) Naphthalene	8.23	128	210526	7.14	ng	# 90
37) 2-Methylnaphthalene	8.93	142	1043290	55.16	ng	98
49) Dimethylphthalate	9.68	163	109570	4.66	ng	# 93
51) Acenaphthene	10.00	154	51824	2.75	ng	# 80
54) Dibenzofuran	10.17	168	62711	2.54	ng	# 78
57) Fluorene	10.52	166	98335	5.06	ng	# 97
70) Phenanthrene	11.48	178	133878	4.80	ng	99

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

Quantitation Report (QT Reviewed)

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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

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

Manual Integrations APPROVED
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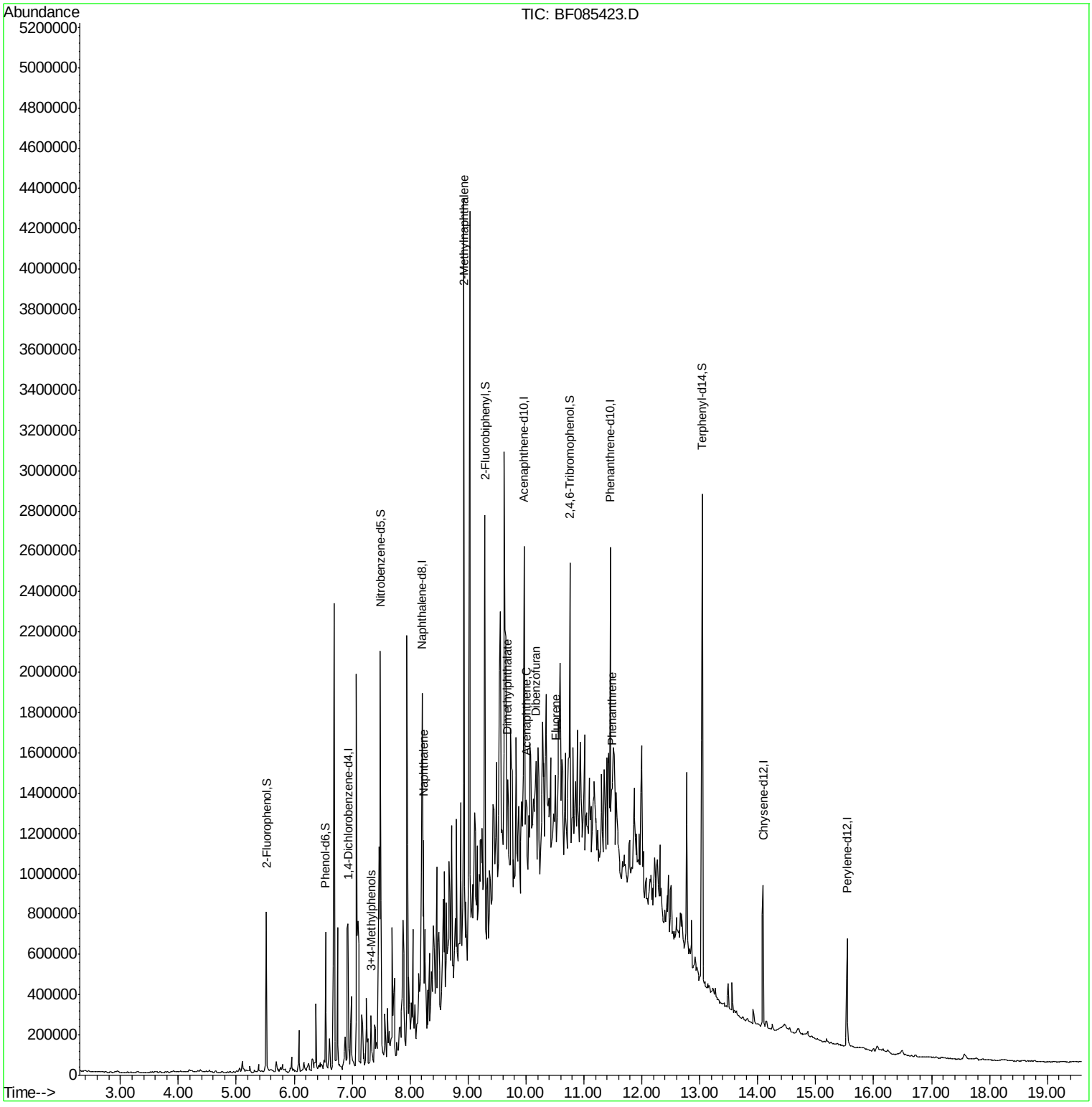
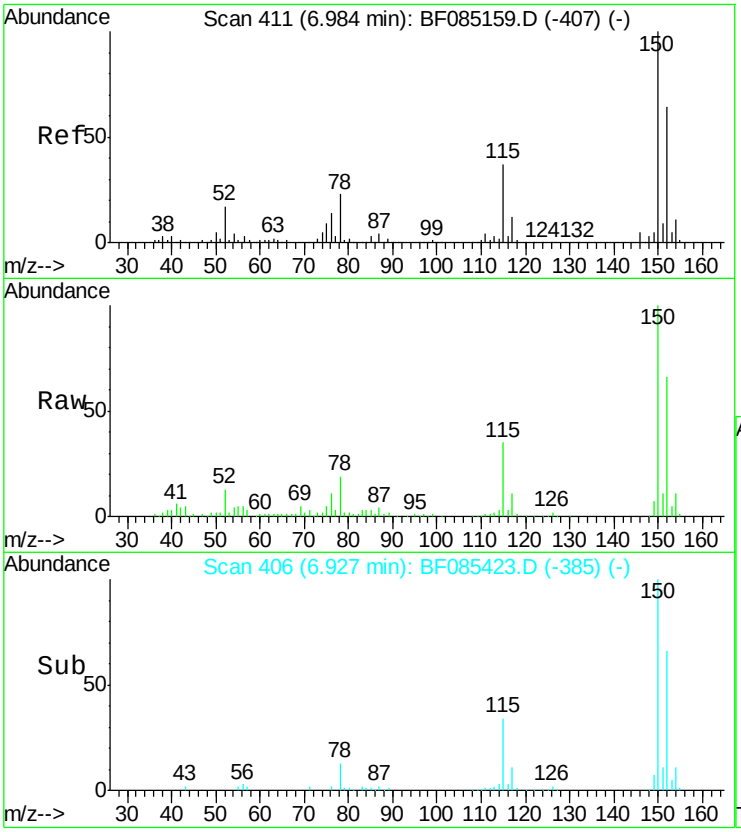
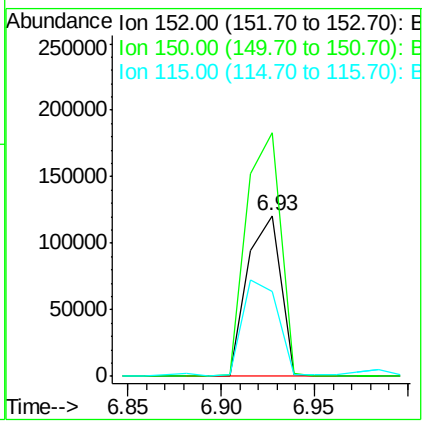




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

Manual Integrations APPROVED
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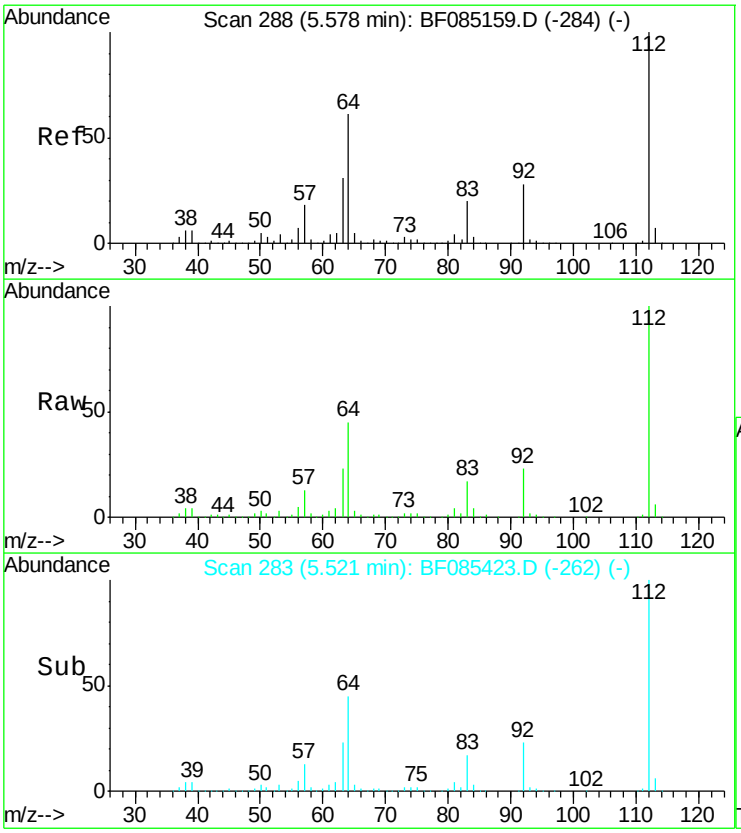
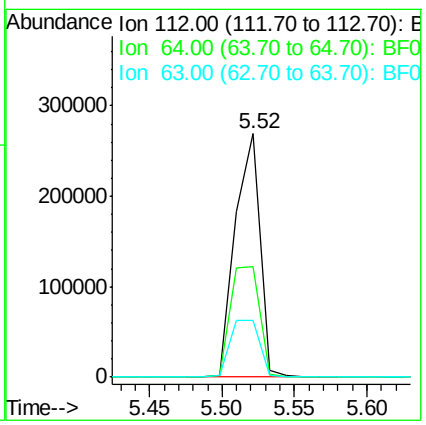
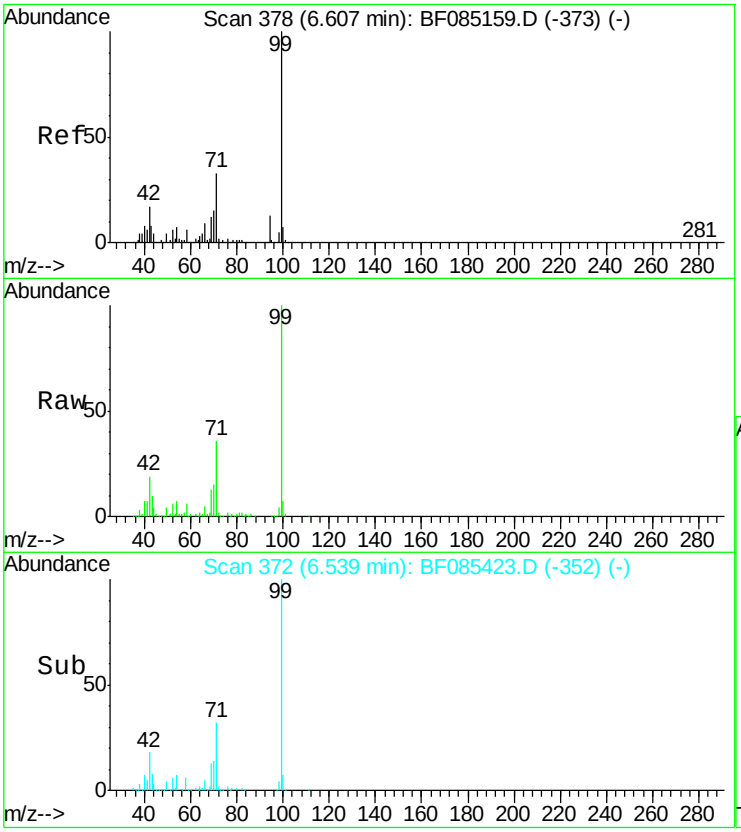


#5
2-Fluorophenol
Concen: 35.92 ng
RT: 5.52 min Scan# 283
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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#

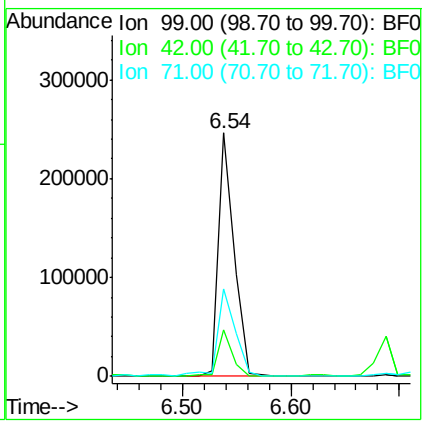




#7
Phenol-d6
Concen: 21.33 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.07 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

Manual Integrations APPROVED
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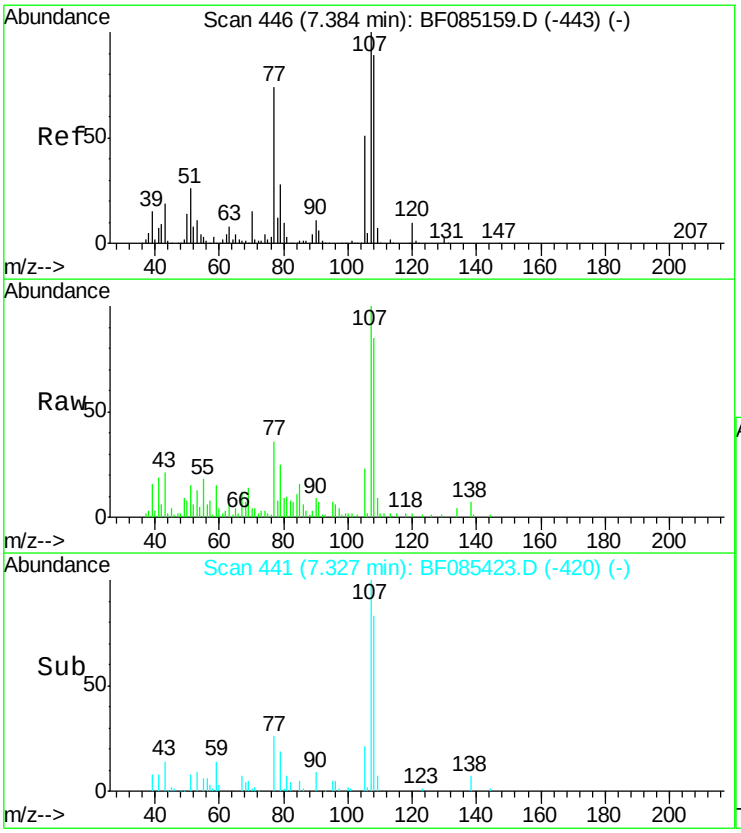
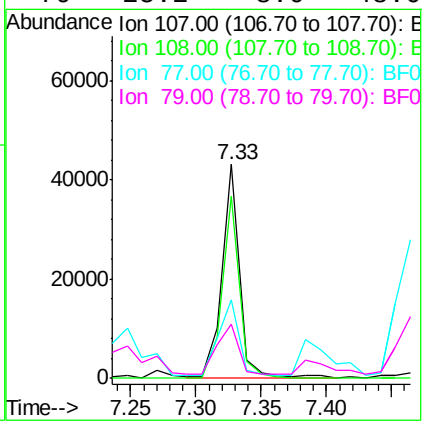
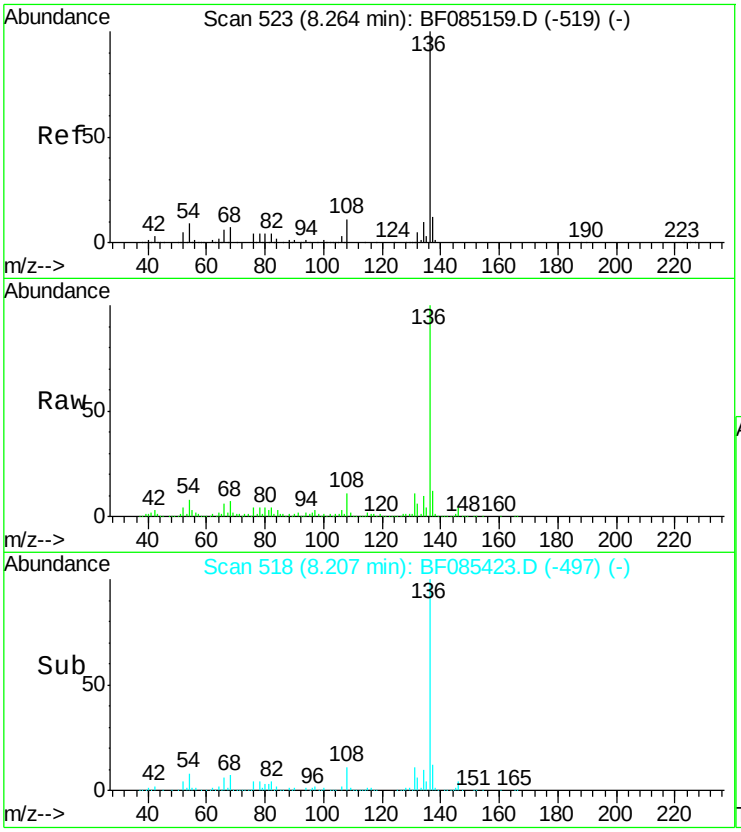


#20
3+4-Methylphenols
Concen: 3.96 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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

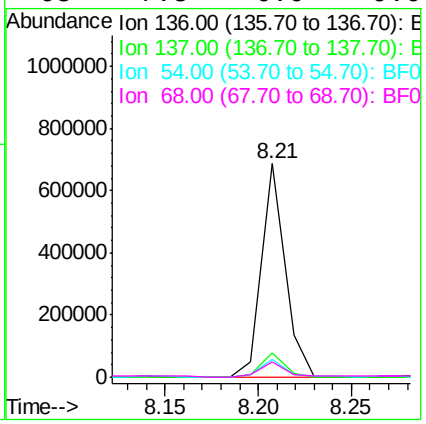




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

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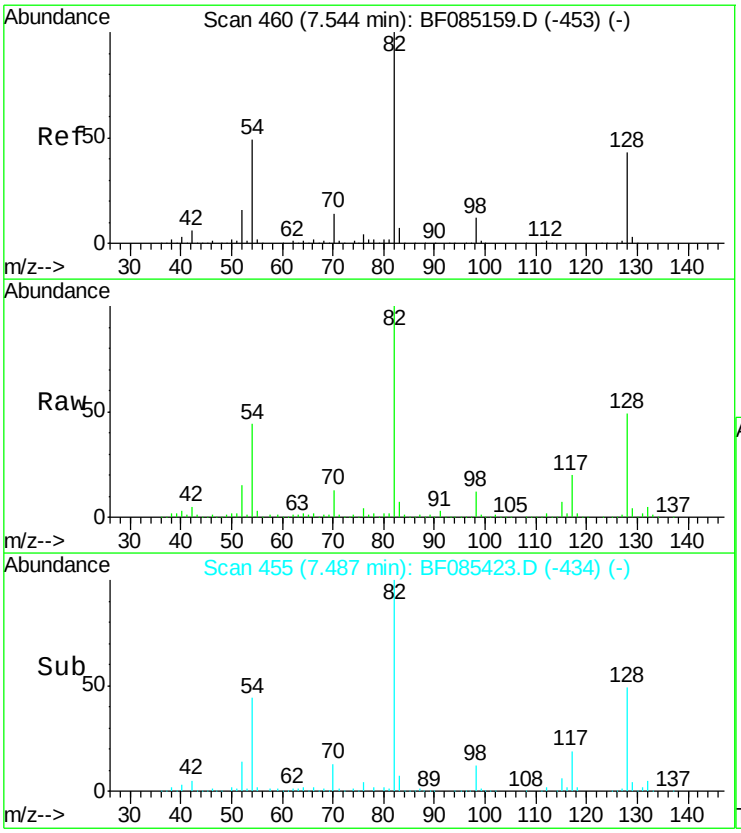
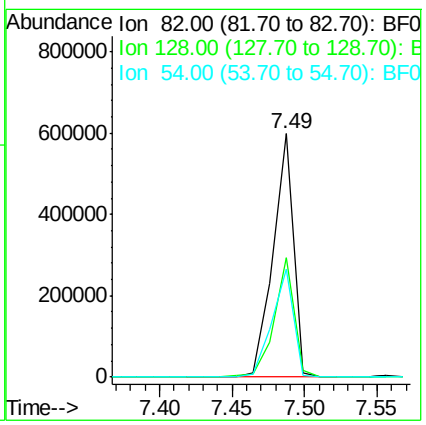
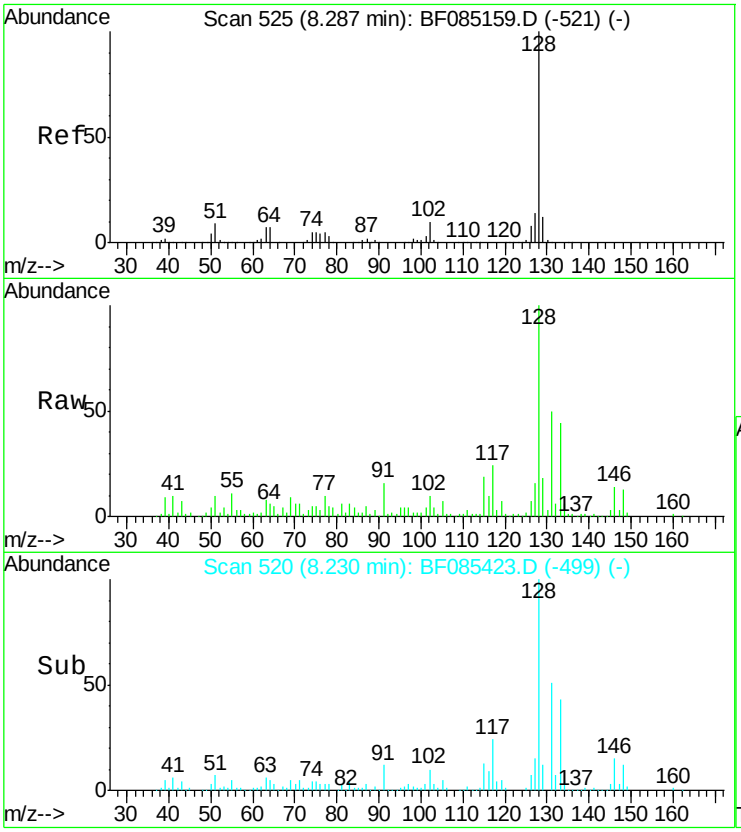


#23
Nitrobenzene-d5
Concen: 52.03 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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

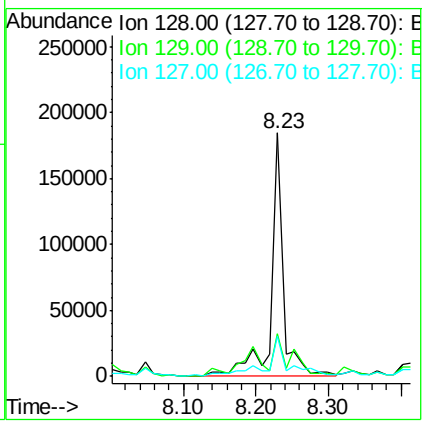




#31
Naphthalene
Concen: 7.14 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

Manual Integrations APPROVED
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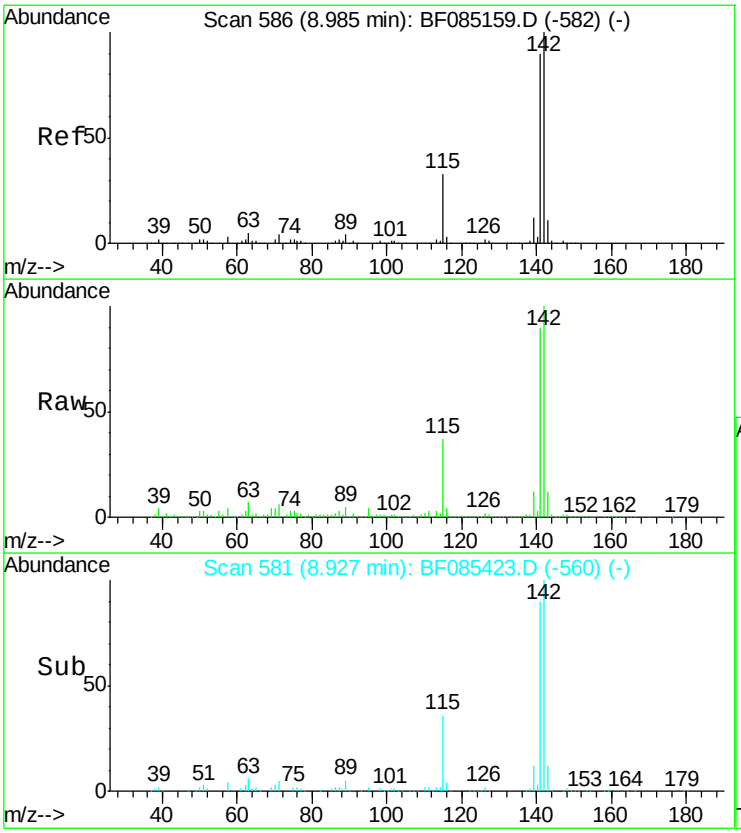
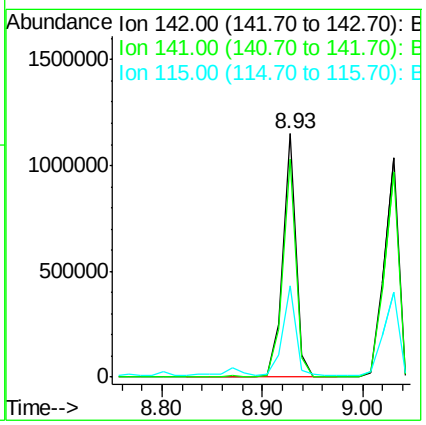
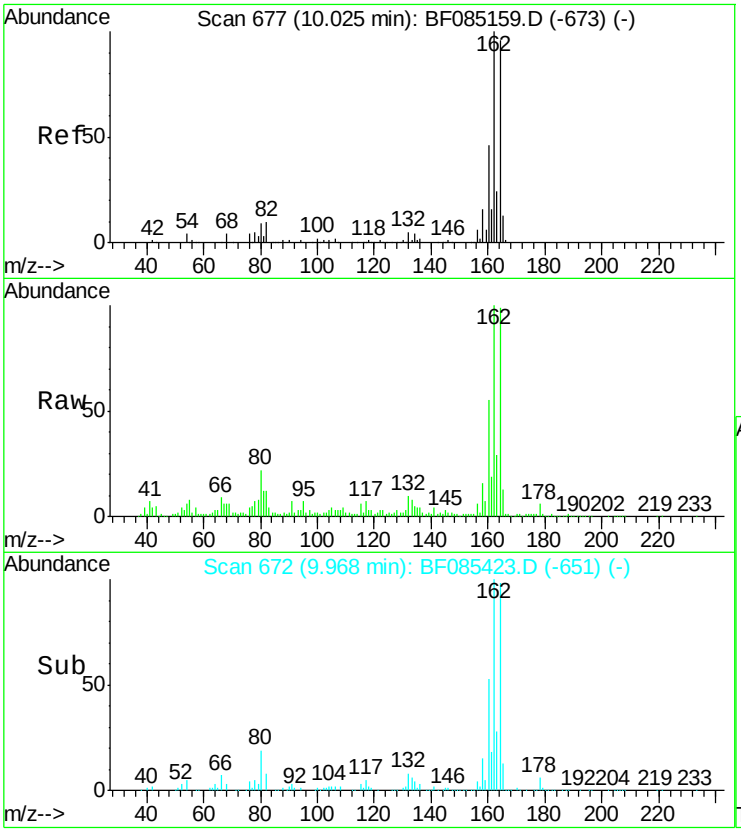


#37
2-Methylnaphthalene
Concen: 55.16 ng
RT: 8.93 min Scan# 581
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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

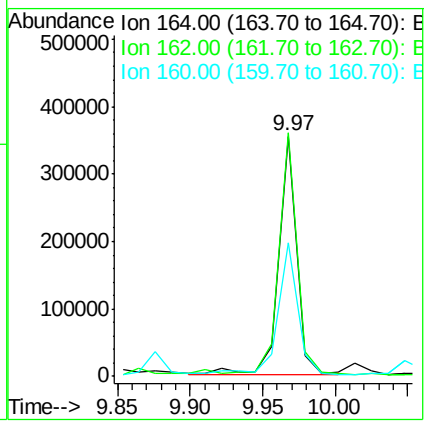




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

Manual Integrations APPROVED
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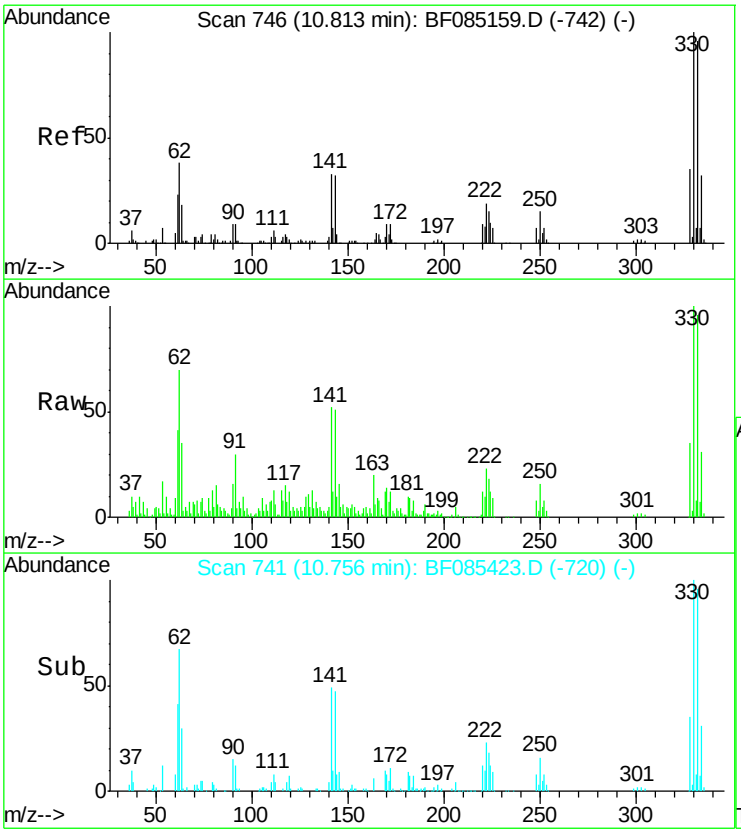
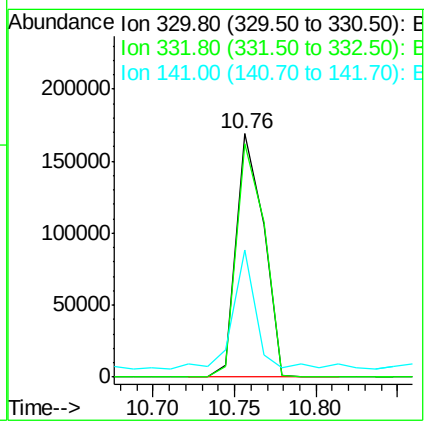
3/15/2016 2:09:04 PM

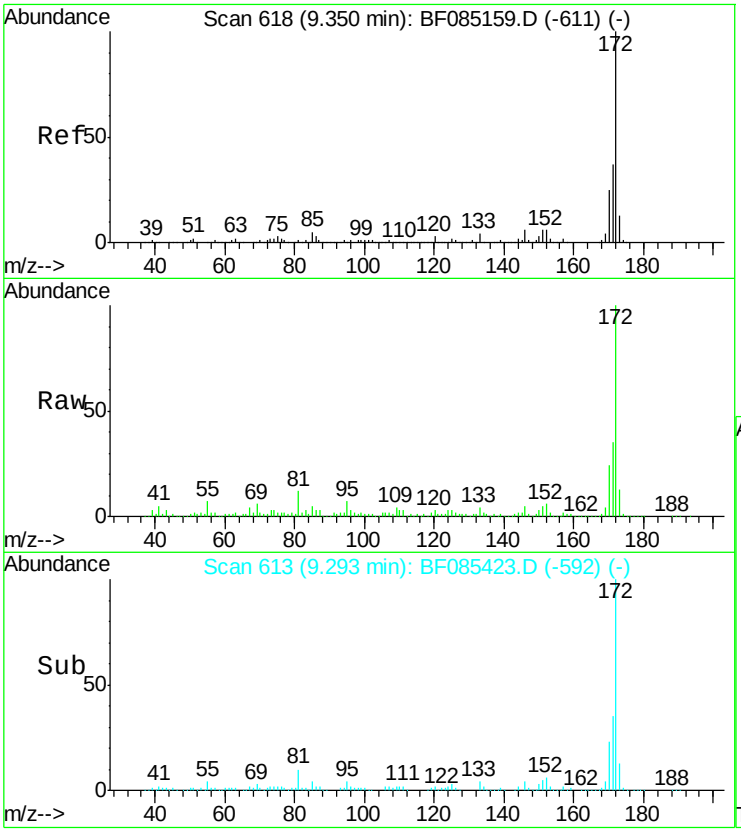


#41
2,4,6-Tribromophenol
Concen: 74.52 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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

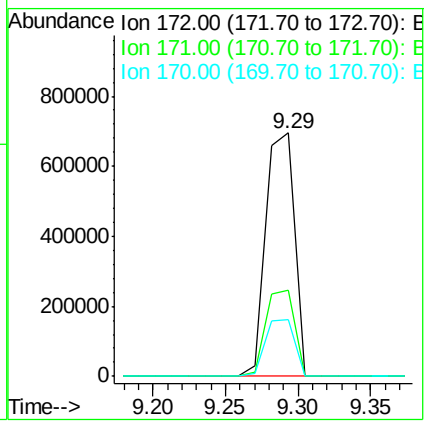




#44
2-Fluorobiphenyl
Concen: 47.28 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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



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

Manual Integrations APPROVED
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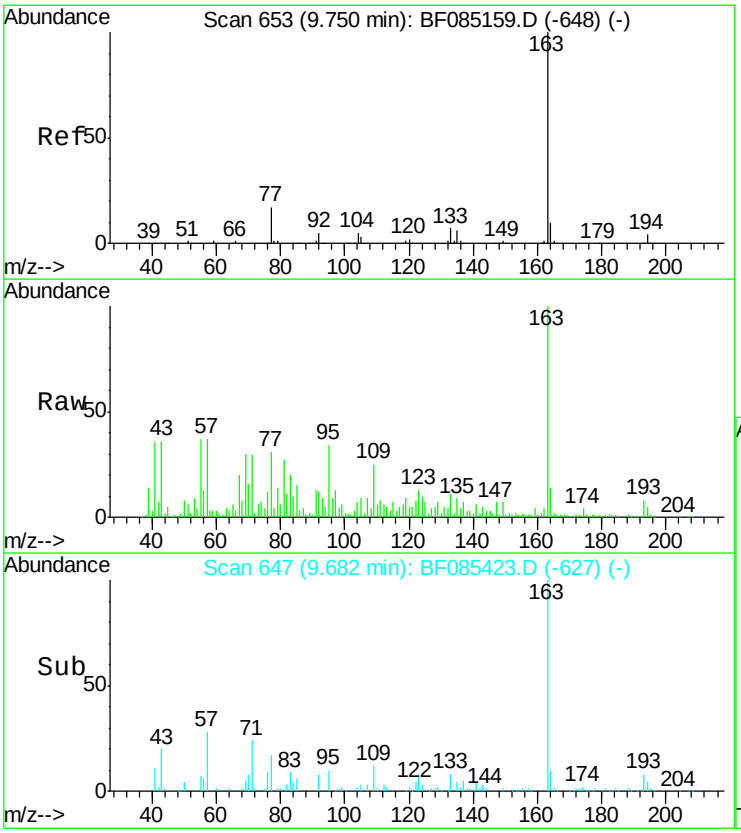
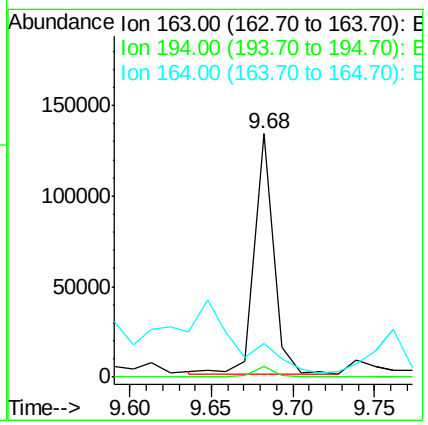
3/15/2016 2:09:04 PM

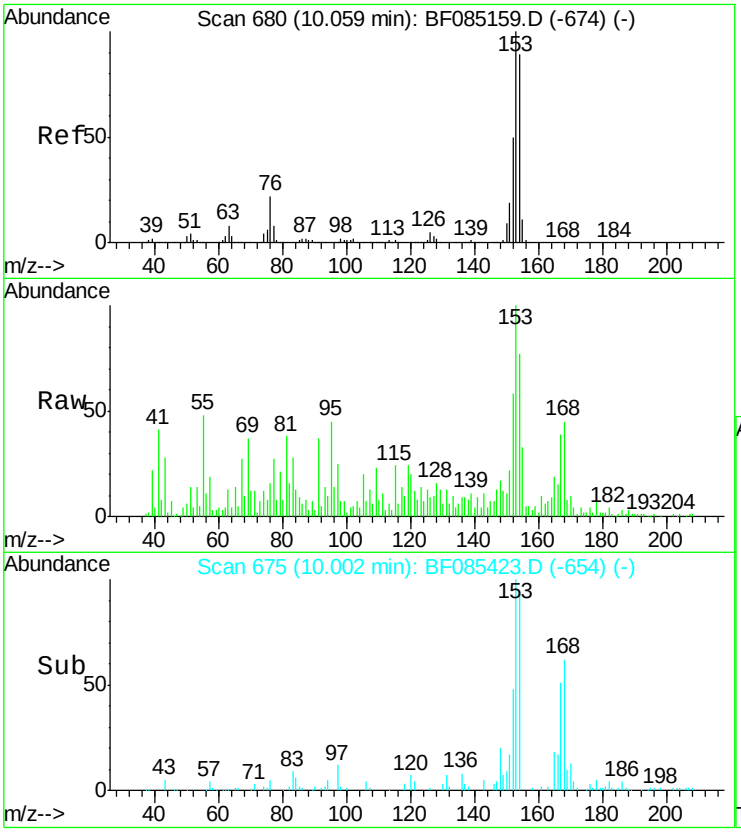


#49
Dimethylphthalate
Concen: 4.66 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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#

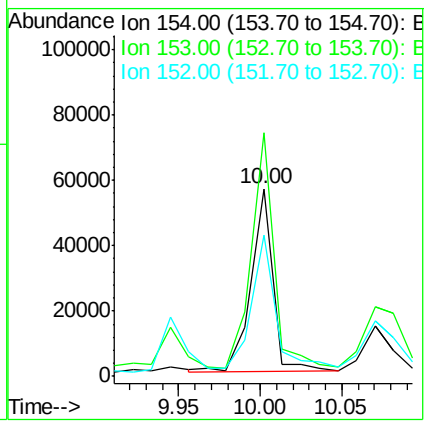




#51
Acenaphthene
Concen: 2.75 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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#



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

Manual Integrations APPROVED
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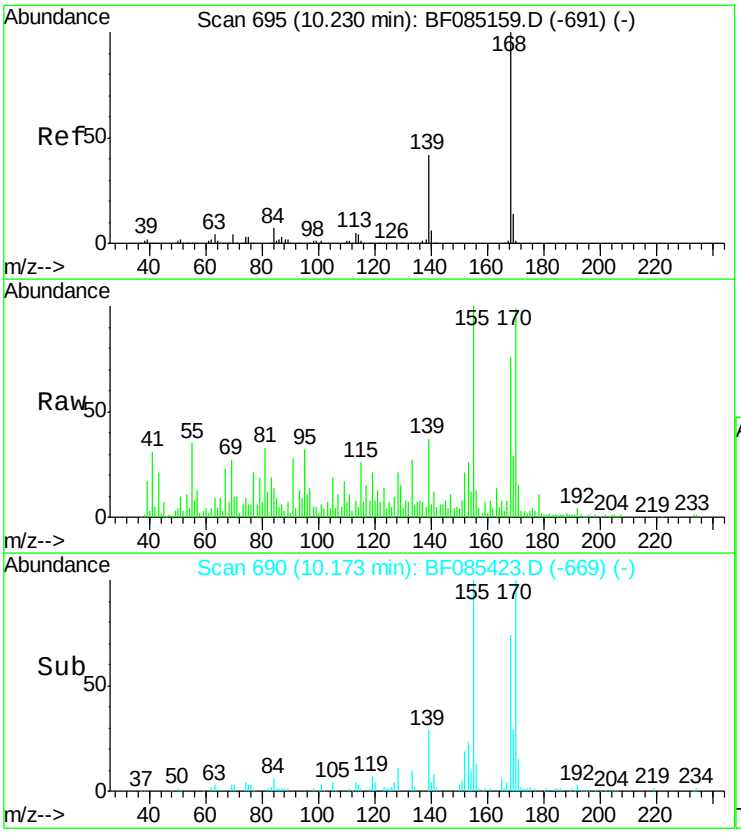
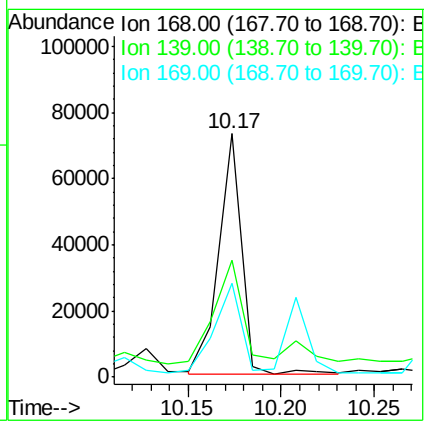
3/15/2016 2:09:04 PM

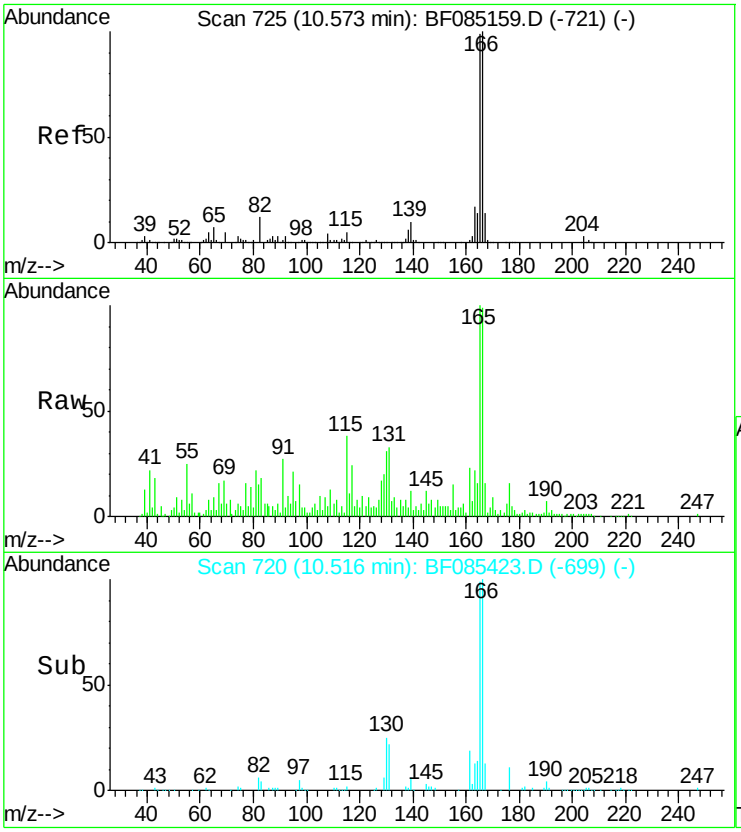


#54
Dibenzofuran
Concen: 2.54 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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#

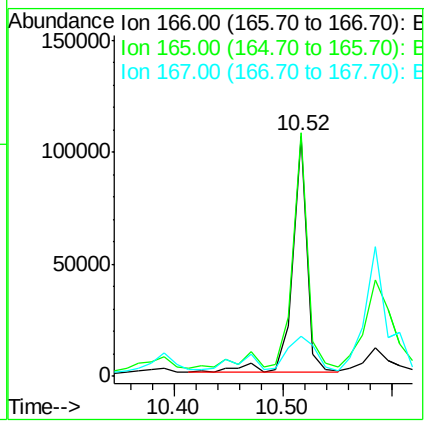




#57
Fluorene
Concen: 5.06 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

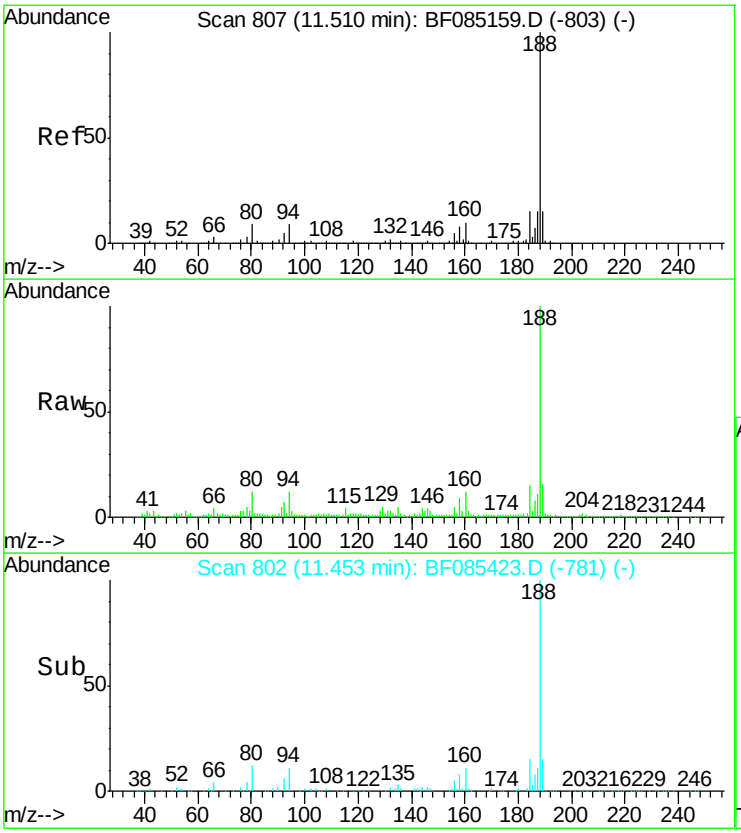
Tgt Ion:166 Resp: 98335

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



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

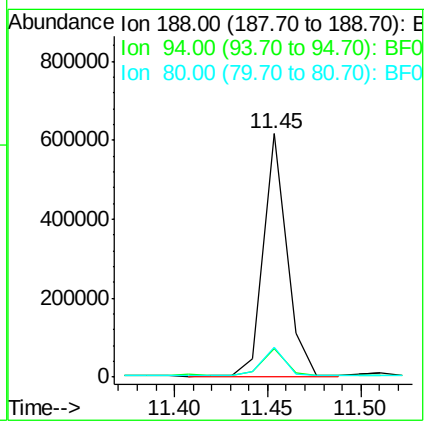
Manual Integrations APPROVED
Sohil
3/15/2016 2:09:04 PM

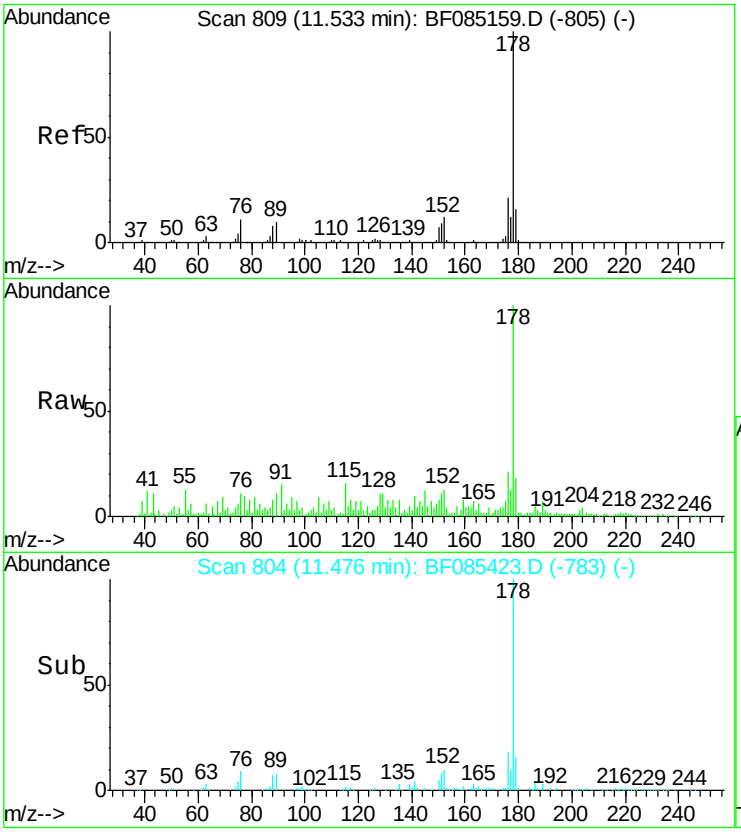


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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#

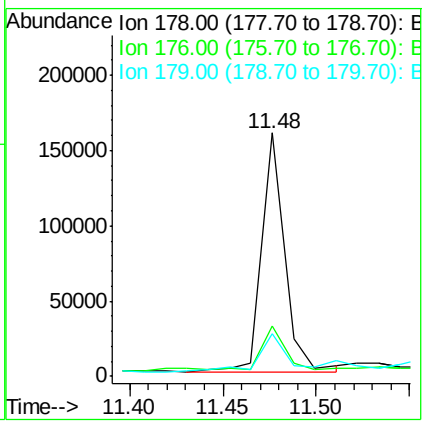




#70
Phenanthrene
Concen: 4.80 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

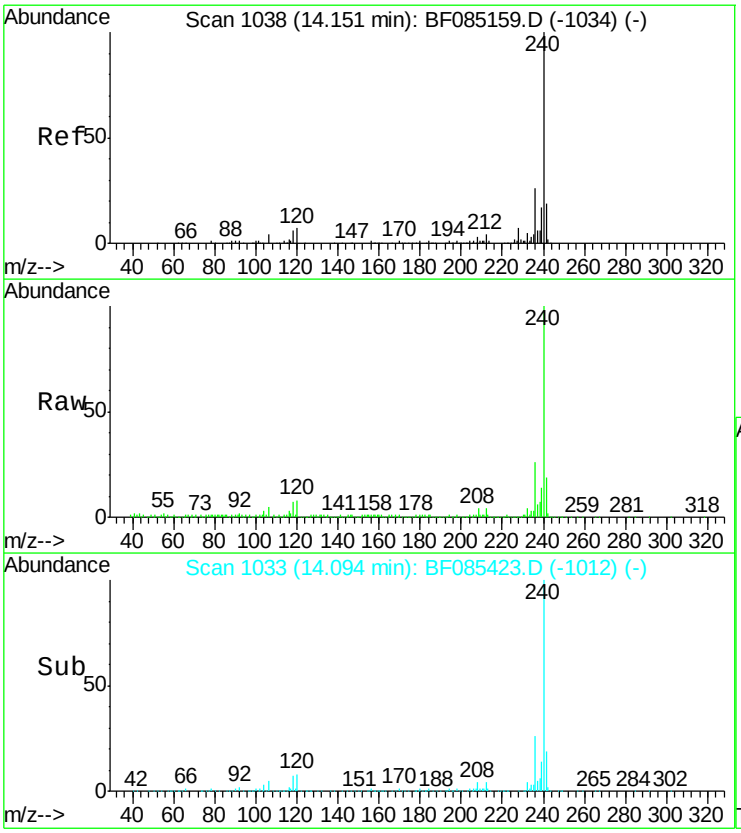
Tgt Ion:178 Resp: 133878

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



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

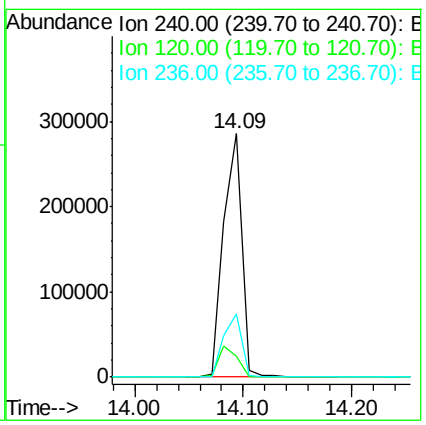
Manual Integrations APPROVED
Sohil
3/15/2016 2:09:04 PM

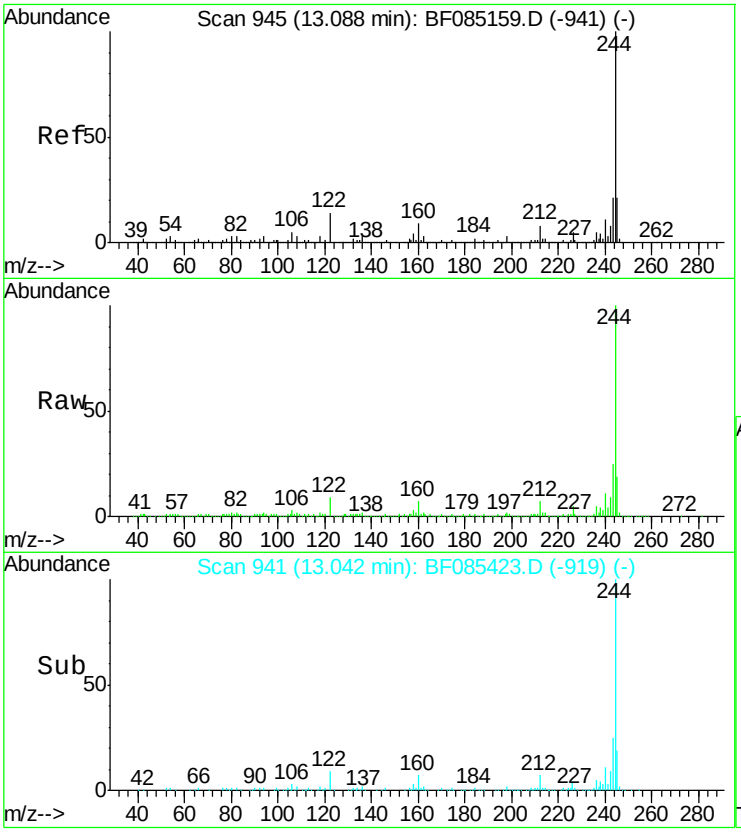


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

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

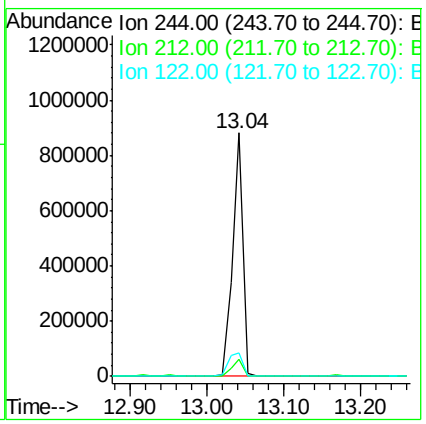




#78
Terphenyl-d14
Concen: 59.61 ng
RT: 13.04 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF085423.D
Acq: 14 Mar 2016 12:32

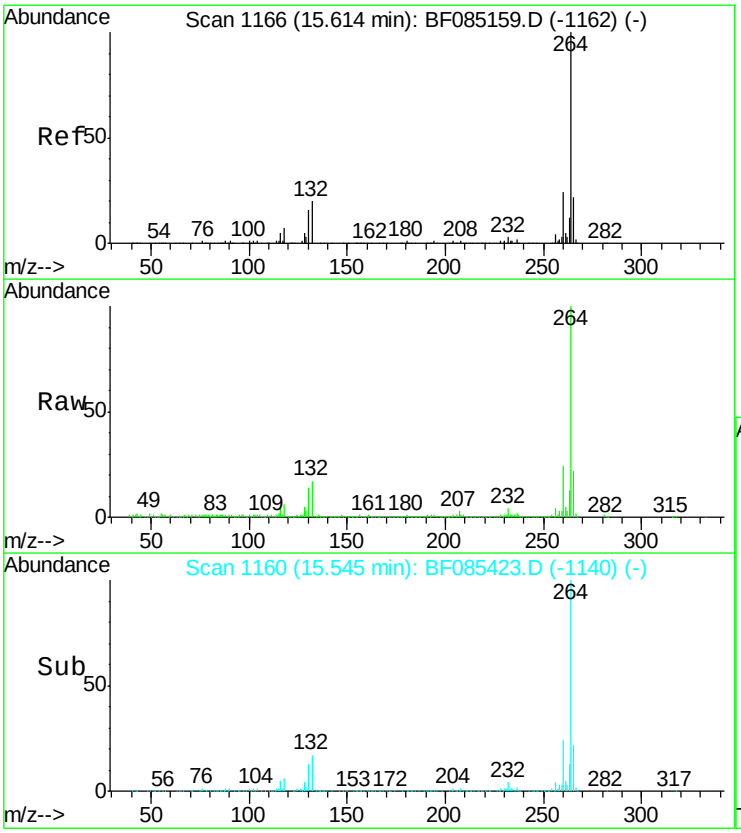
Tgt Ion:244 Resp: 849908

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



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

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:04 PM



#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