Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4-9-15-15

Quant Time: Sep 18 23:00:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38632	20.00	ng	-0.06
21) Naphthalene-d8	11.07	136	151576	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	74585	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	143109	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	113877	20.00	ng	-0.04
86) Perylene-d12	24.78	264	77778	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	139082	55.86	ng	-0.03
7) Phenol-d6	7.59	99	112799	34.22	ng	-0.06
23) Nitrobenzene-d5	9.48	82	330731	105.27	ng	-0.06
41) 2,4,6-Tribromophenol	17.10	330	101149	152.31	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	564844	97.05	ng	-0.06
78) Terphenyl-d14	22.07	244	522262	106.76	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	83147	74.35	ng	# 11
15) Benzyl Alcohol	8.49	79	6153	2.28	ng	# 28
18) Hexachloroethane	9.29	117	4641	4.00	ng	# 1
22) Acetophenone	9.11	105	42108	10.17	ng	# 48
31) Naphthalene	11.11	128	115621	14.30	ng	97
37) 2-Methylnaphthalene	12.77	142	143560	27.29	ng	# 89
49) Dimethylphthalate	14.77	163	28640	4.94	ng	# 85
59) Diethylphthalate	16.48	149	14549	2.39	ng	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
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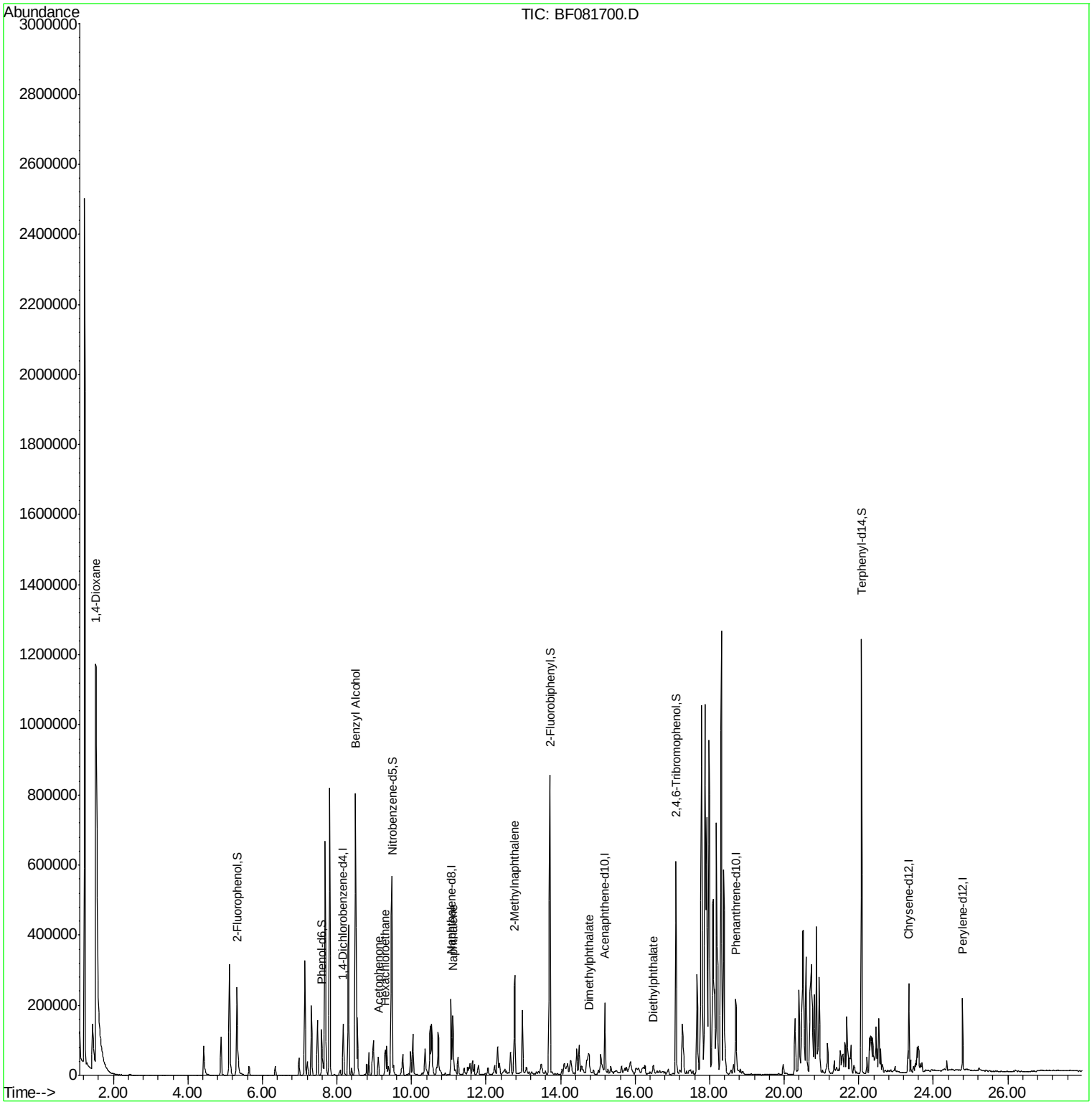
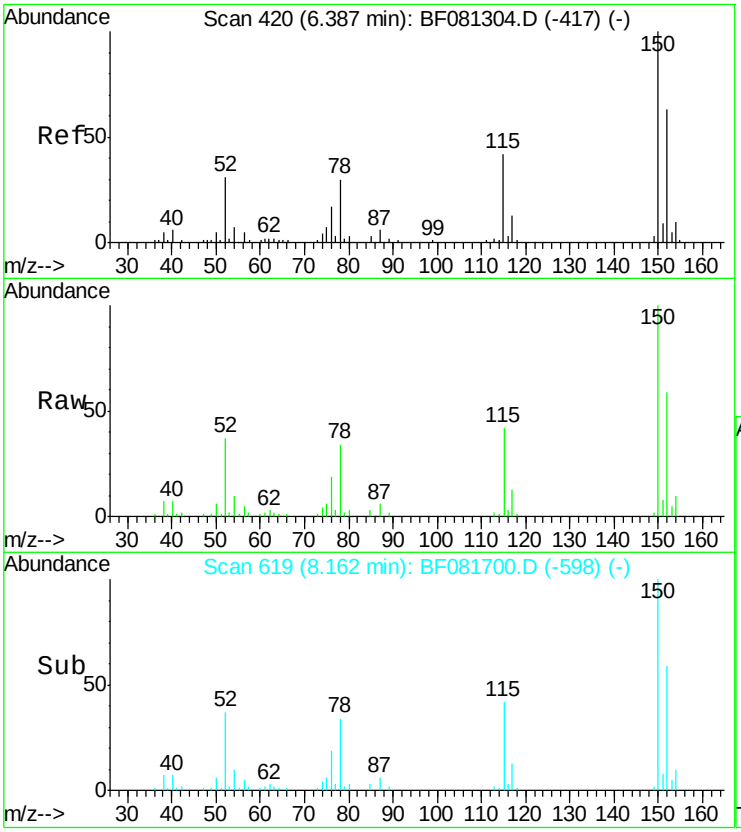


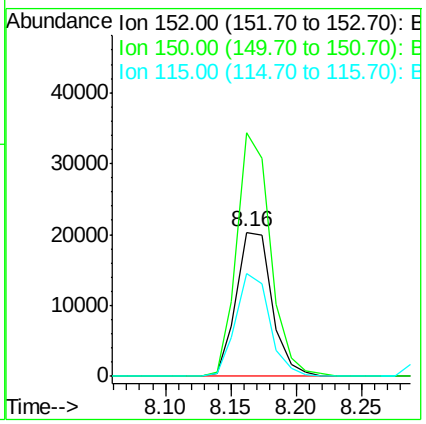


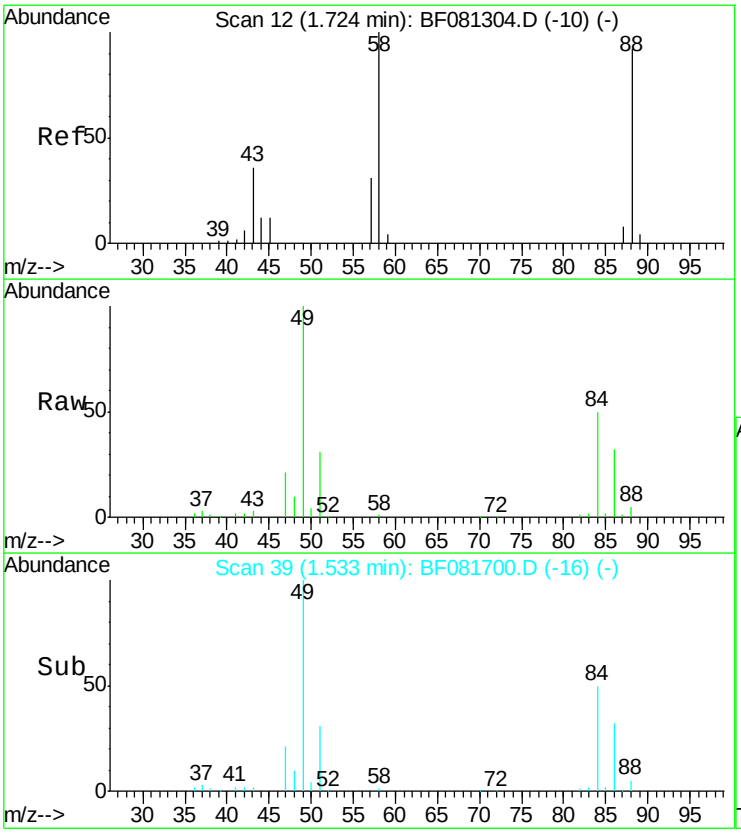
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:152 Resp: 38632

Ion	Ratio	Lower	Upper
152	100		
150	169.1	124.7	187.1
115	71.2	39.0	58.4#

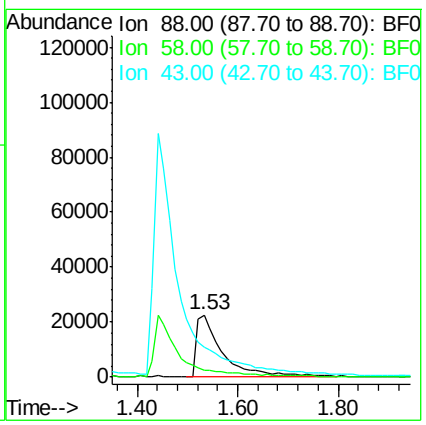


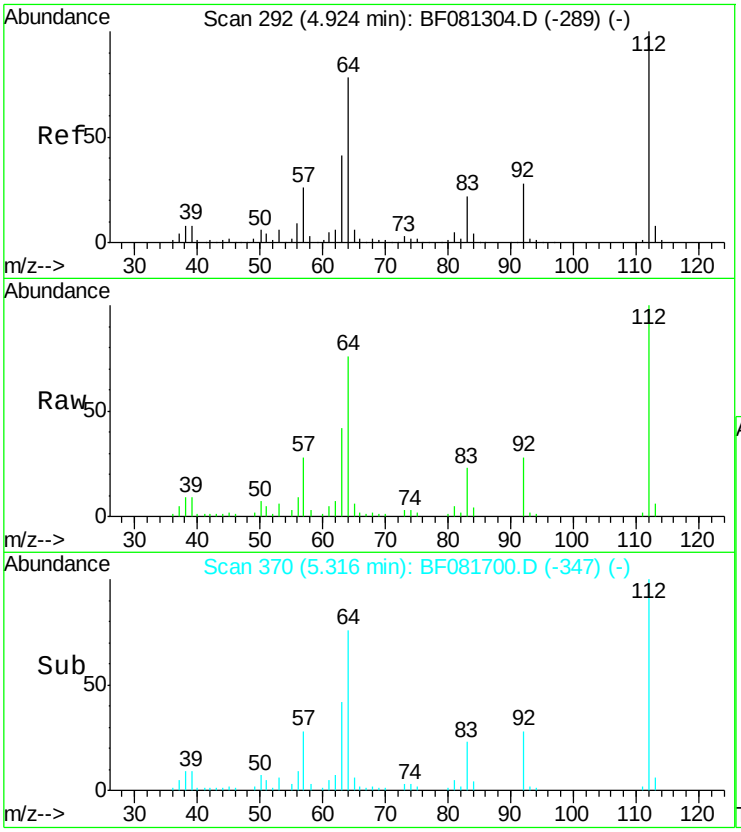


#2
1,4-Dioxane
Concen: 74.35 ng
RT: 1.53 min Scan# 39
Delta R.T. -0.03 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion: 88 Resp: 83147

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



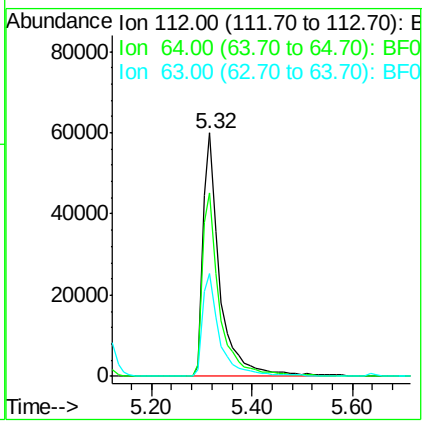


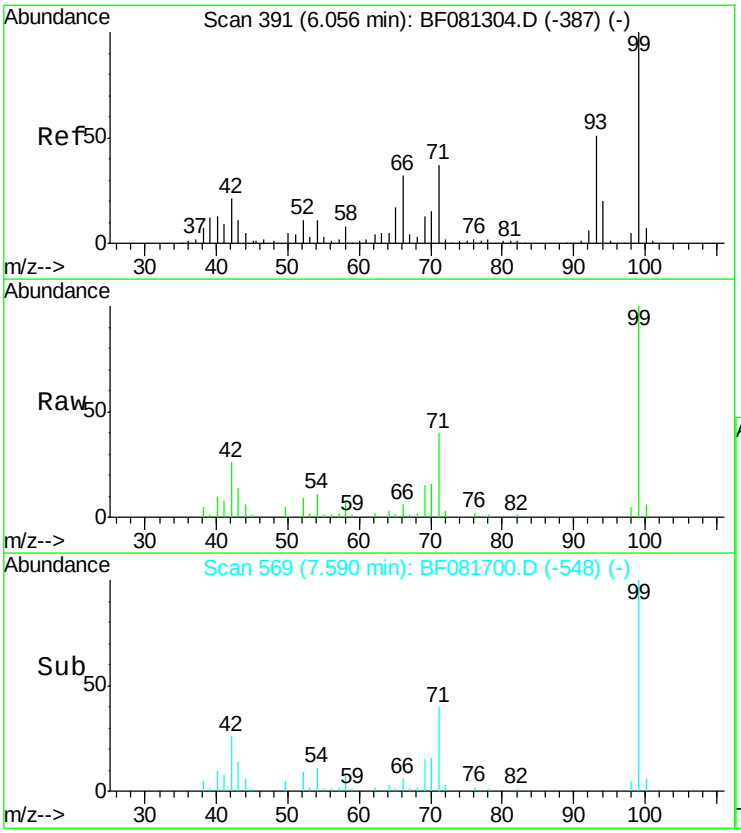
#5
2-Fluorophenol
Concen: 55.86 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:112 Resp: 139082

Ion	Ratio	Lower	Upper
112	100		
64	75.6	39.7	59.5#
63	42.2	17.4	26.0#

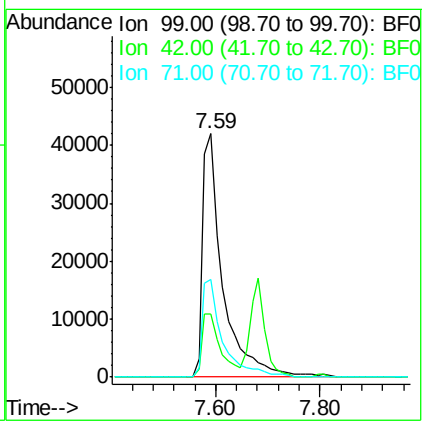


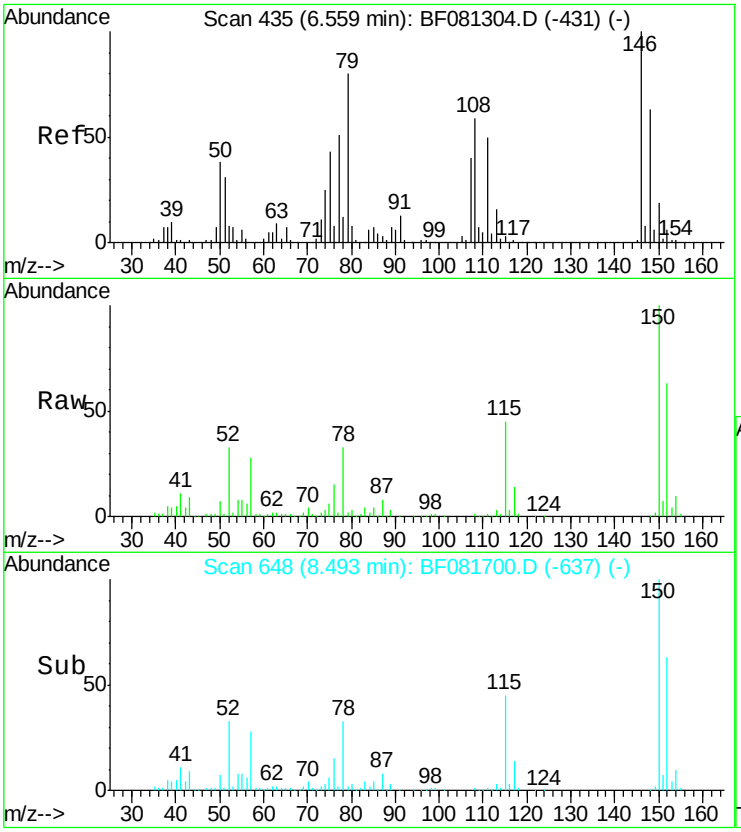


#7
Phenol-d6
Concen: 34.22 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion: 99 Resp: 112799

Ion	Ratio	Lower	Upper
99	100		
42	25.8	13.7	20.5#
71	40.3	14.2	21.2#



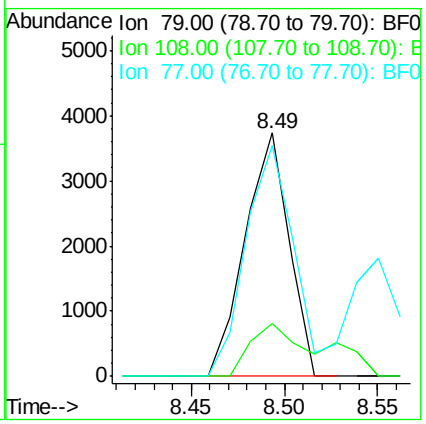


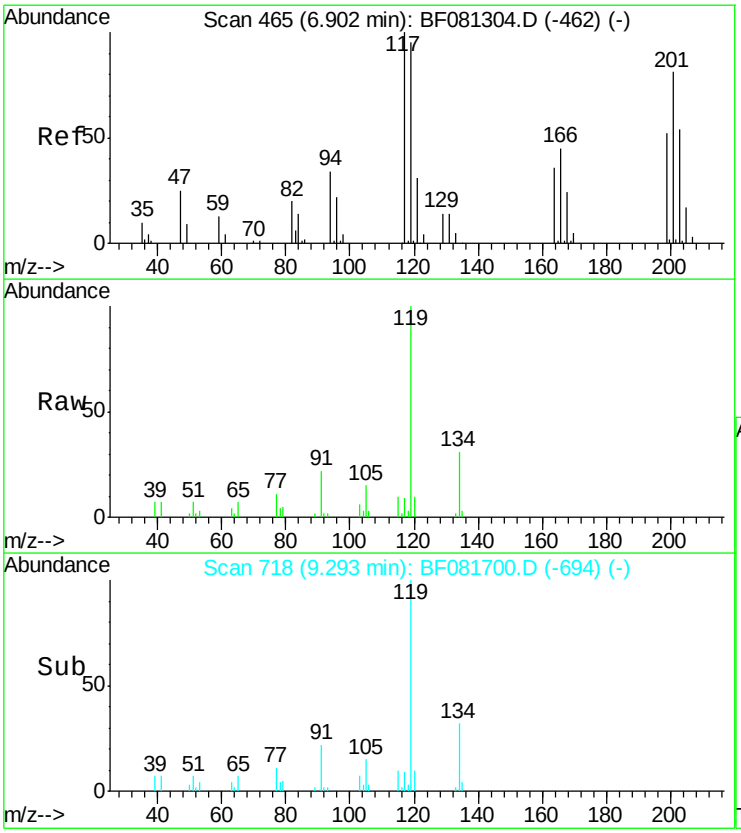
#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 8.49 min Scan# 648
Delta R.T. -0.17 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion: 79 Resp: 6153

Ion	Ratio	Lower	Upper
79	100		
108	21.8	88.6	132.8#
77	94.8	47.0	70.4#

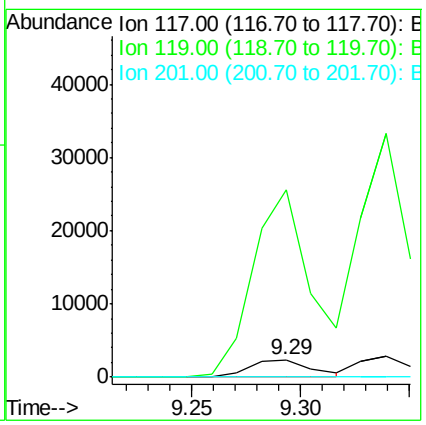


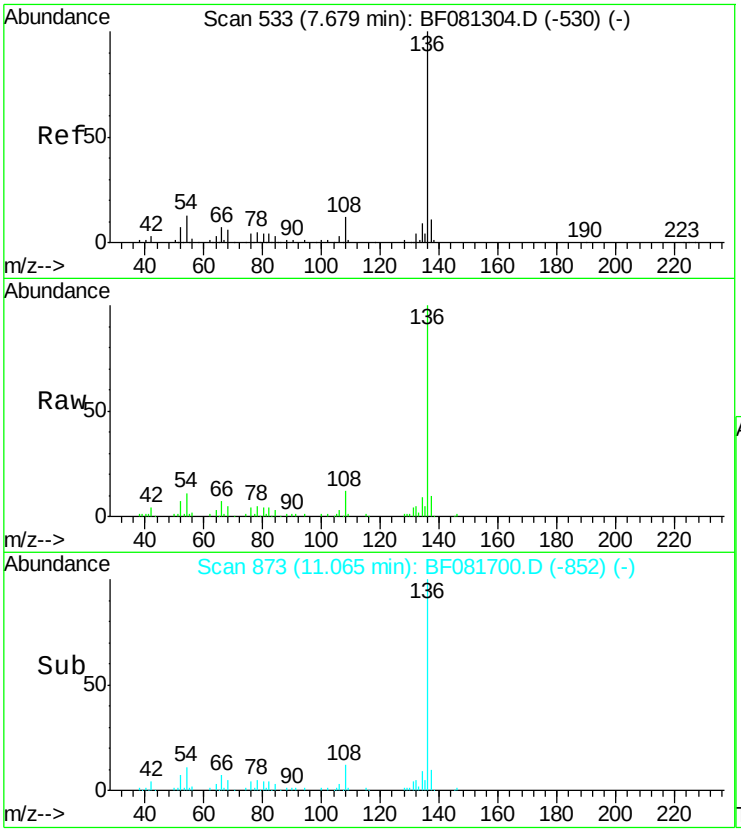


#18
Hexachloroethane
Concen: 4.00 ng
RT: 9.29 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:117 Resp: 4641

Ion	Ratio	Lower	Upper
117	100		
119	1089.6	83.8	125.6#
201	0.0	55.1	82.7#



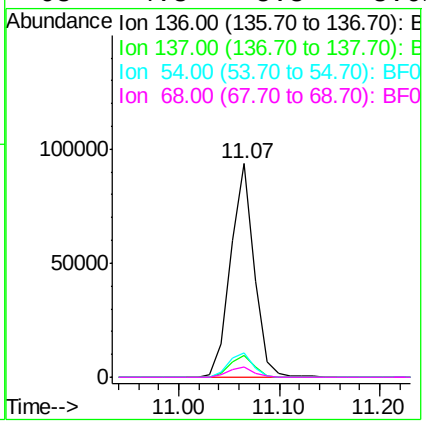


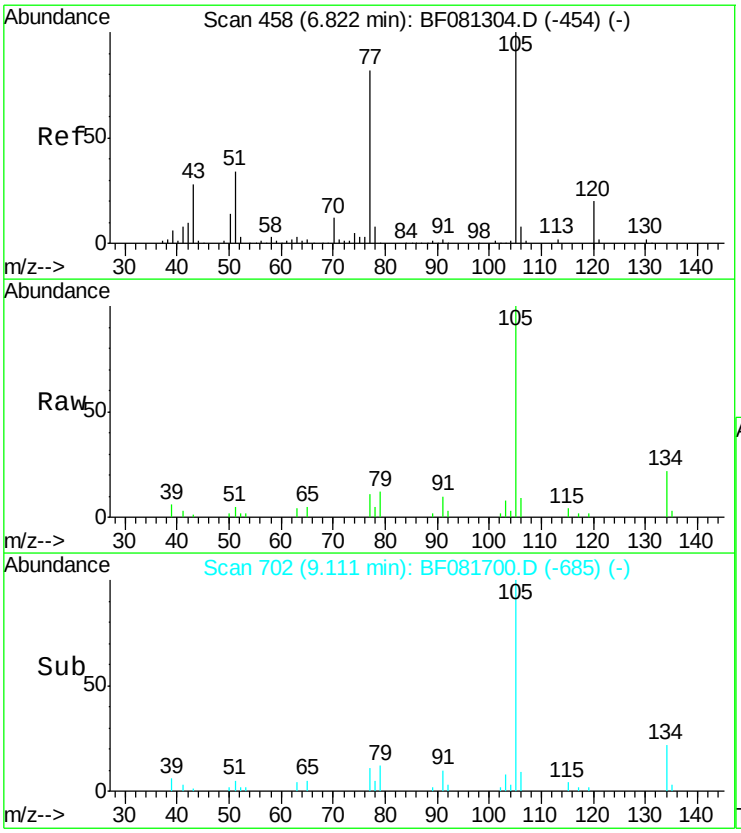
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.07 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:136 Resp: 151576

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	11.4	8.2	12.2
68	4.8	5.8	8.6#

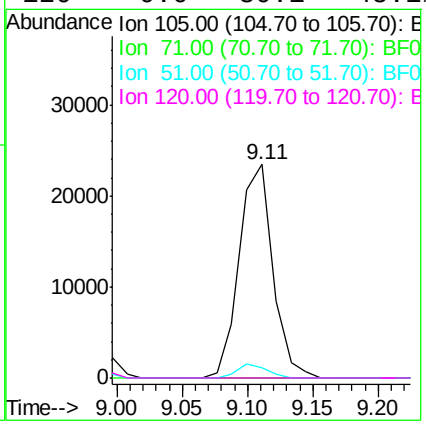


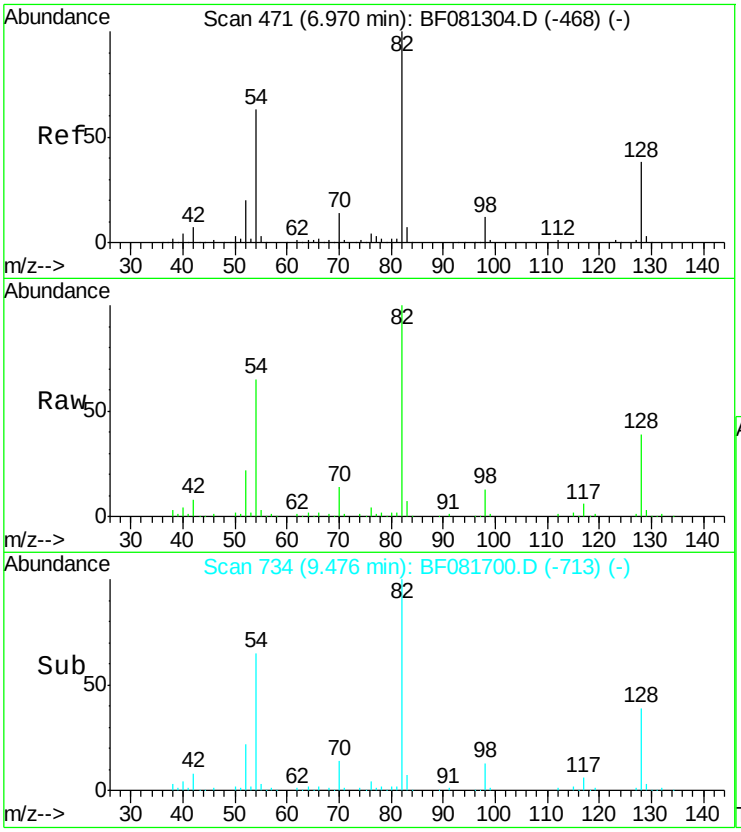


#22
Acetophenone
Concen: 10.17 ng
RT: 9.11 min Scan# 702
Delta R.T. -0.10 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:105 Resp: 42108

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	4.7	22.0	33.0#
120	0.0	30.1	45.1#



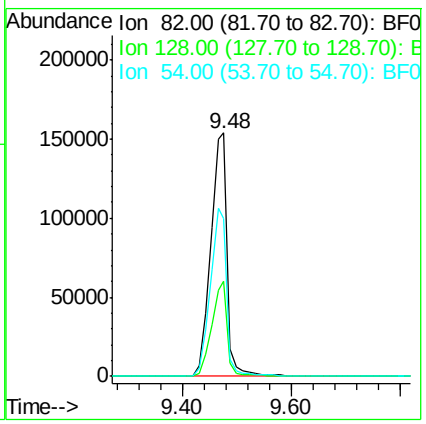


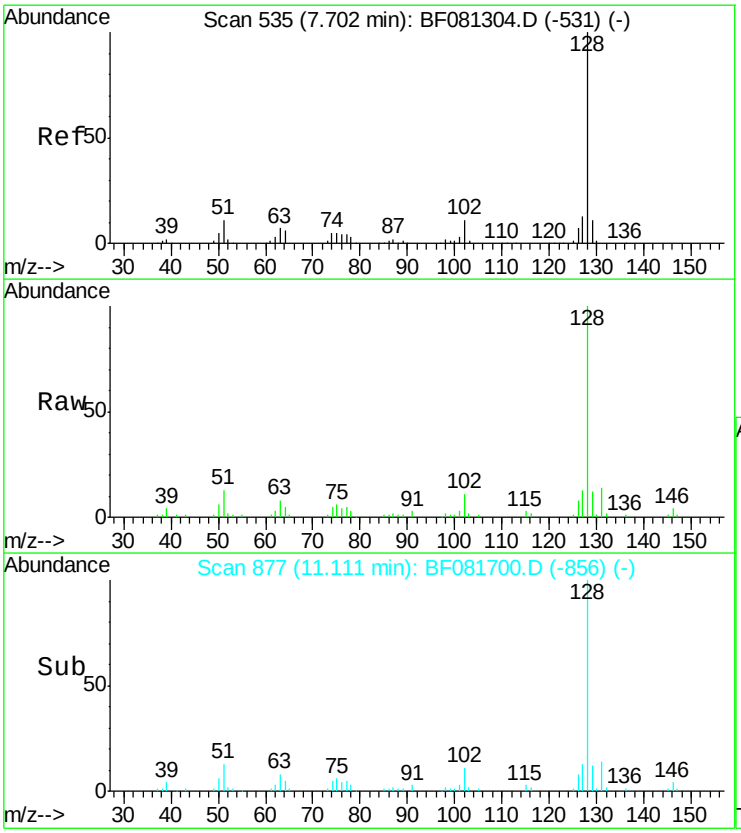
#23
Nitrobenzene-d5
Concen: 105.27 ng
RT: 9.48 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion: 82 Resp: 330731

Ion	Ratio	Lower	Upper
82	100		
128	39.2	51.0	76.6#
54	65.1	47.5	71.3

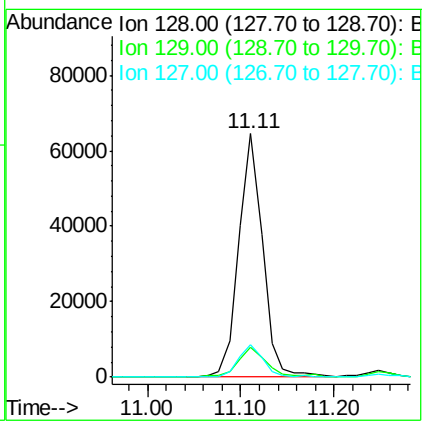


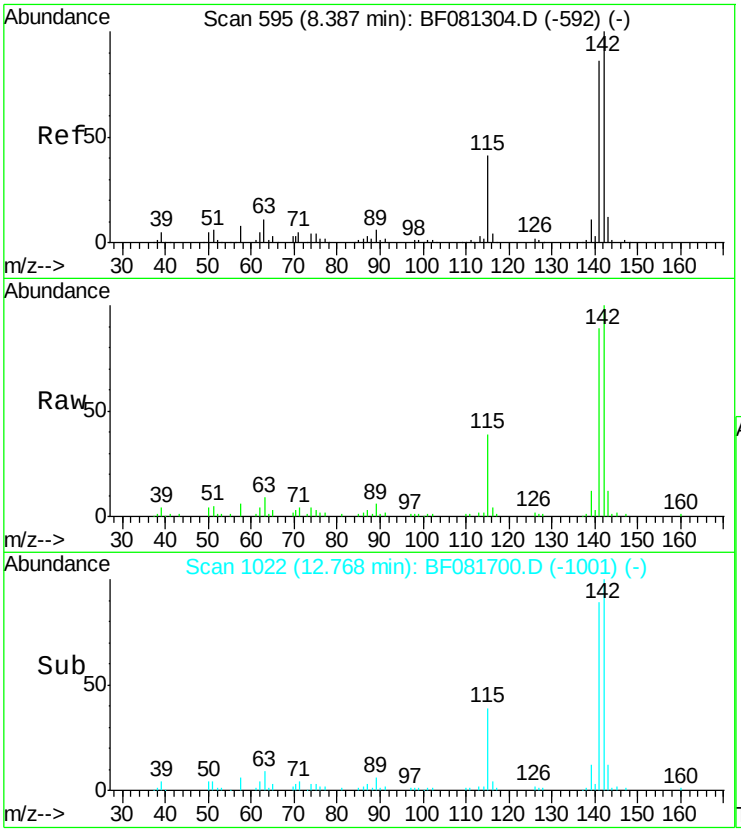


#31
Naphthalene
Concen: 14.30 ng
RT: 11.11 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:128 Resp: 115621

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.4	12.6
127	13.1	9.9	14.9



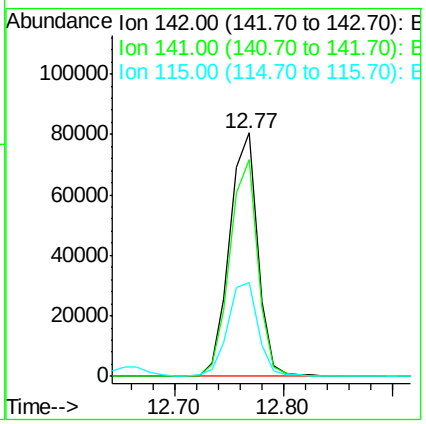


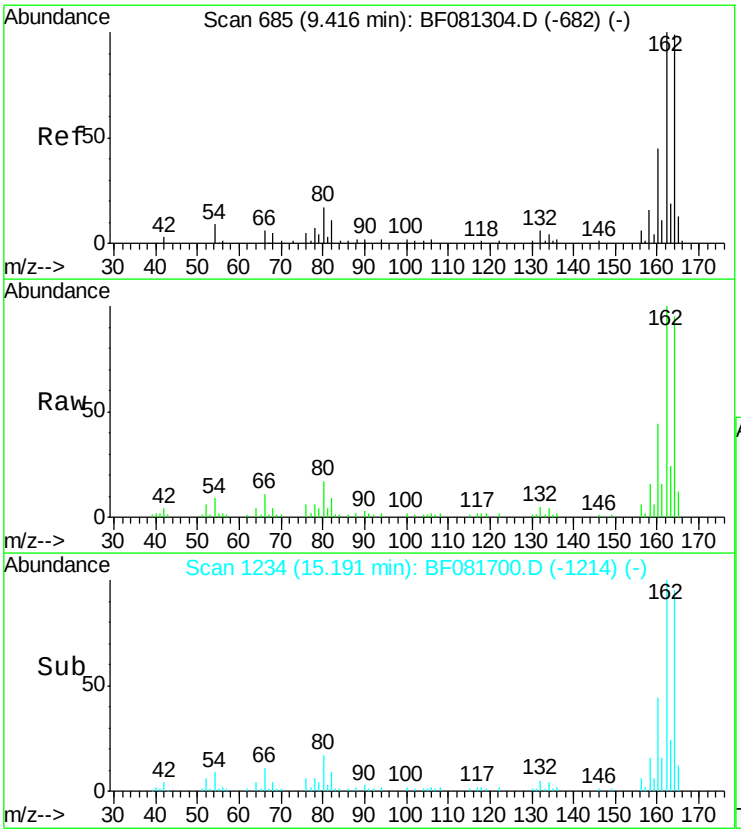
#37
2-Methylnaphthalene
Concen: 27.29 ng
RT: 12.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:142 Resp: 143560

Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.5	101.3
115	38.6	18.2	27.2#

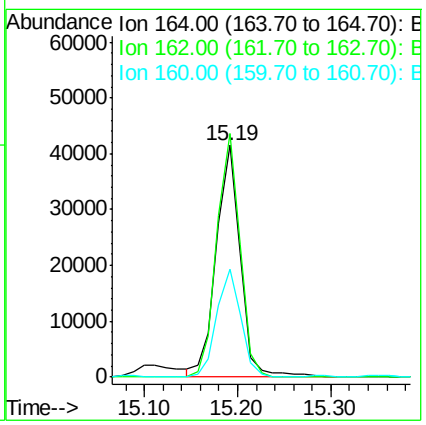


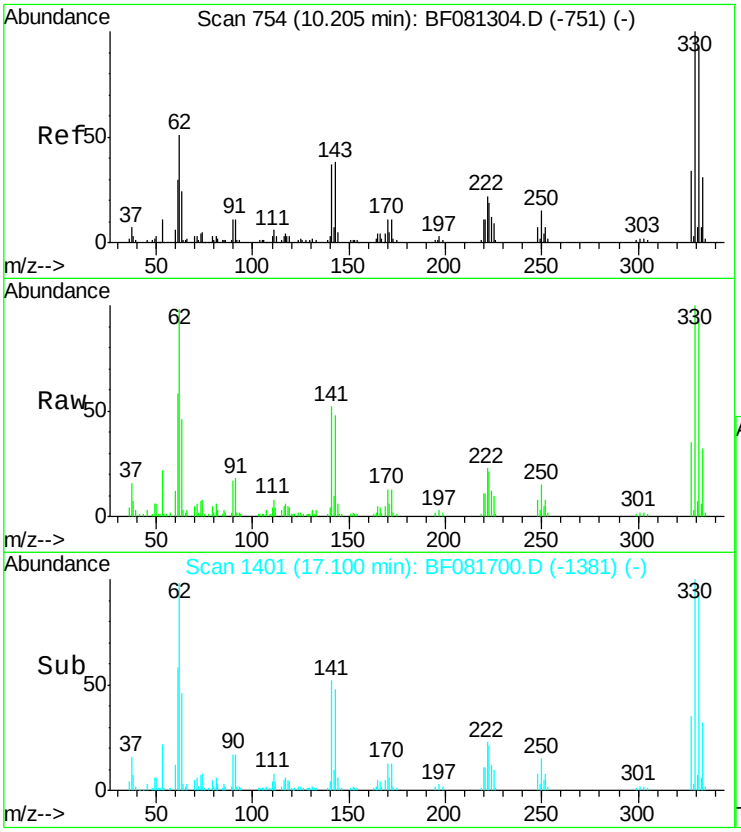


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:164 Resp: 74585

Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	46.6	31.5	47.3



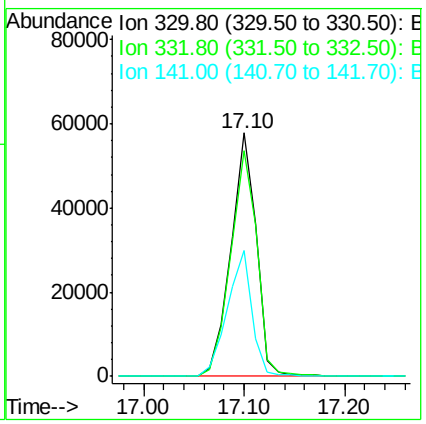


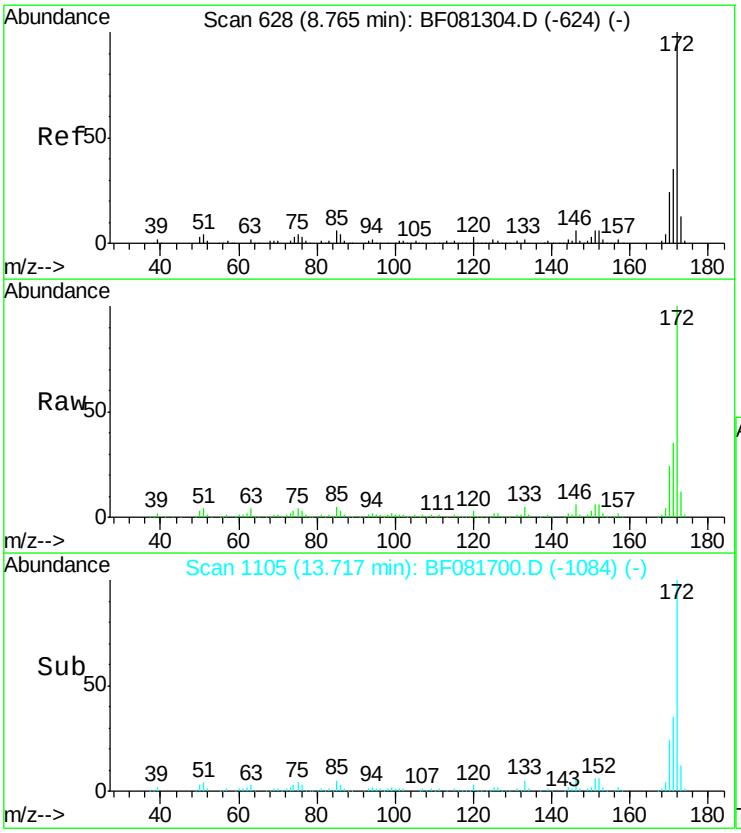
#41
2,4,6-Tribromophenol
Concen: 152.31 ng
RT: 17.10 min Scan# 1401
Delta R.T. -0.07 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:330 Resp: 101149

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	50.4	29.7	44.5#

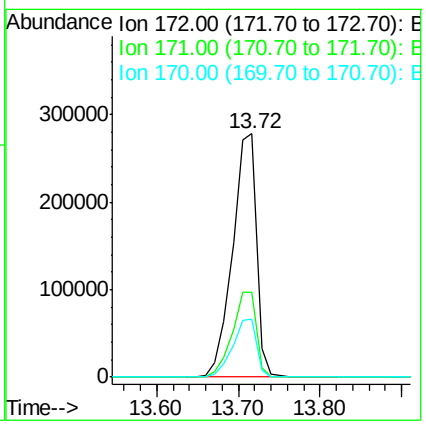


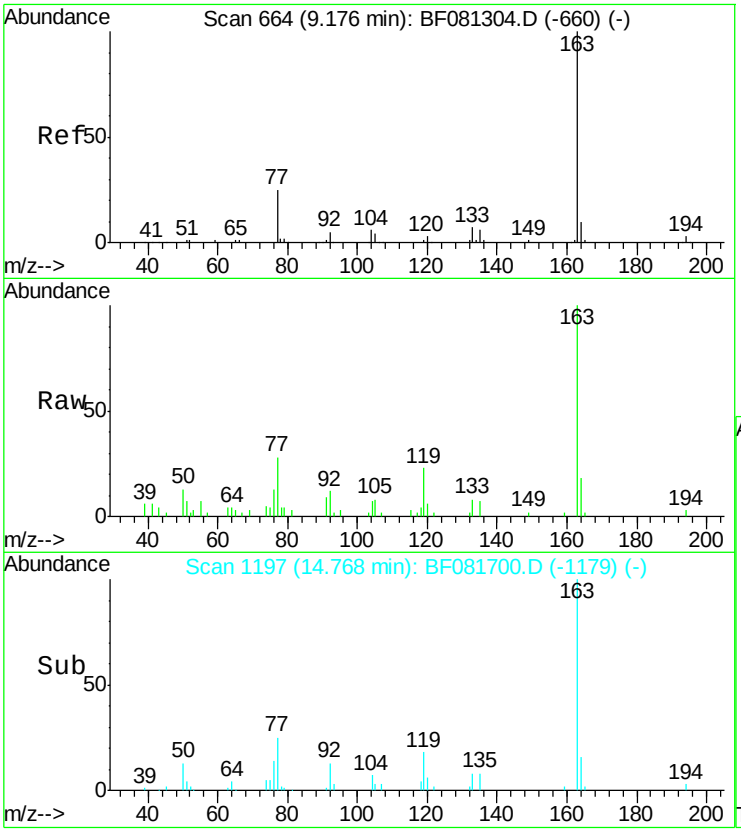


#44
2-Fluorobiphenyl
Concen: 97.05 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:172 Resp: 564844

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	23.7	17.4	26.2



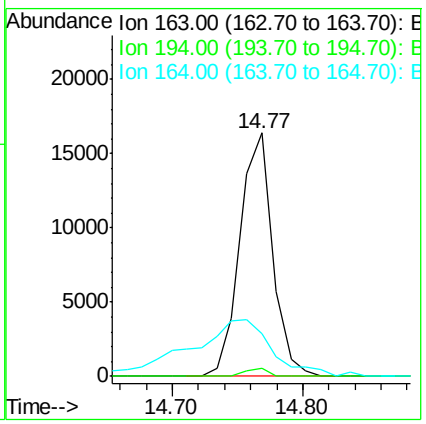


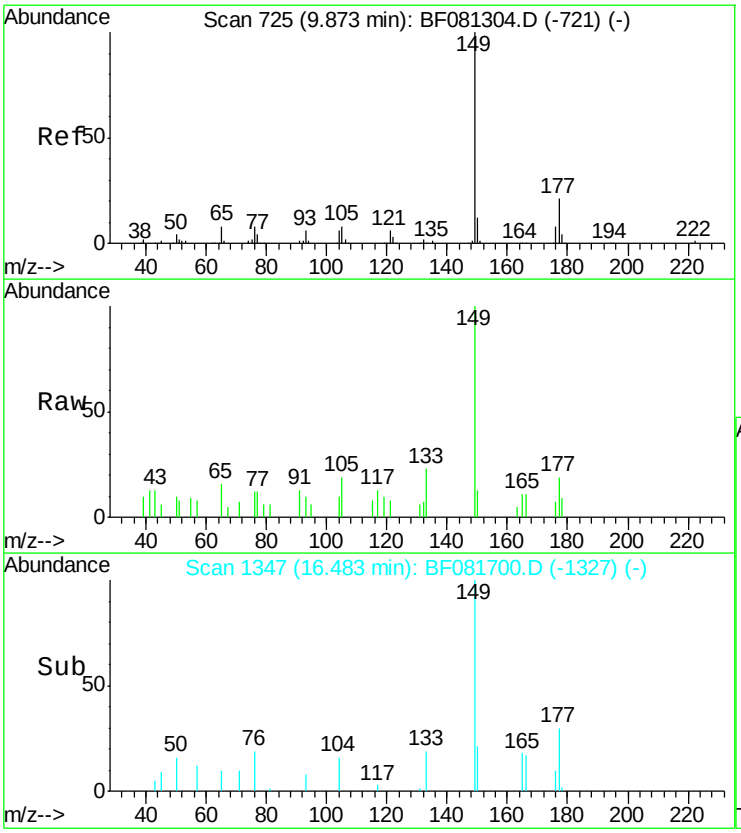
#49
Dimethylphthalate
Concen: 4.94 ng
RT: 14.77 min Scan# 1197
Delta R.T. -0.09 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:163 Resp: 28640

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	17.6	8.3	12.5#

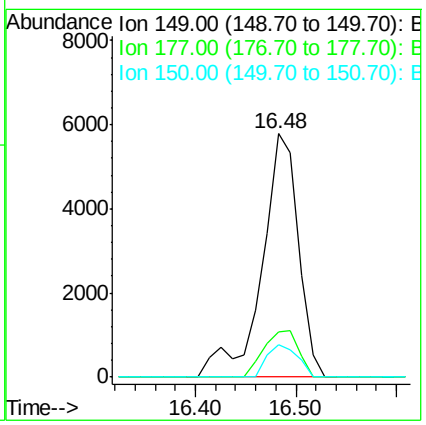


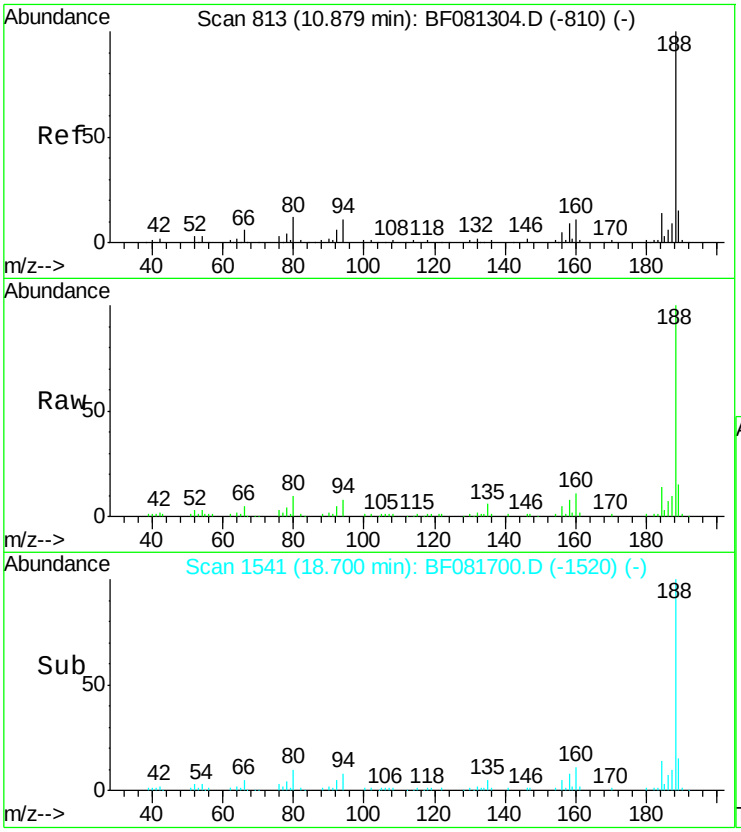


#59
Diethylphthalate
Concen: 2.39 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.07 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:149 Resp: 14549

Ion	Ratio	Lower	Upper
149	100		
177	18.7	17.5	26.3
150	13.1	9.4	14.2



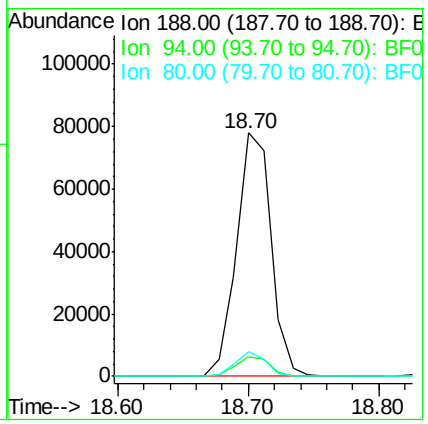


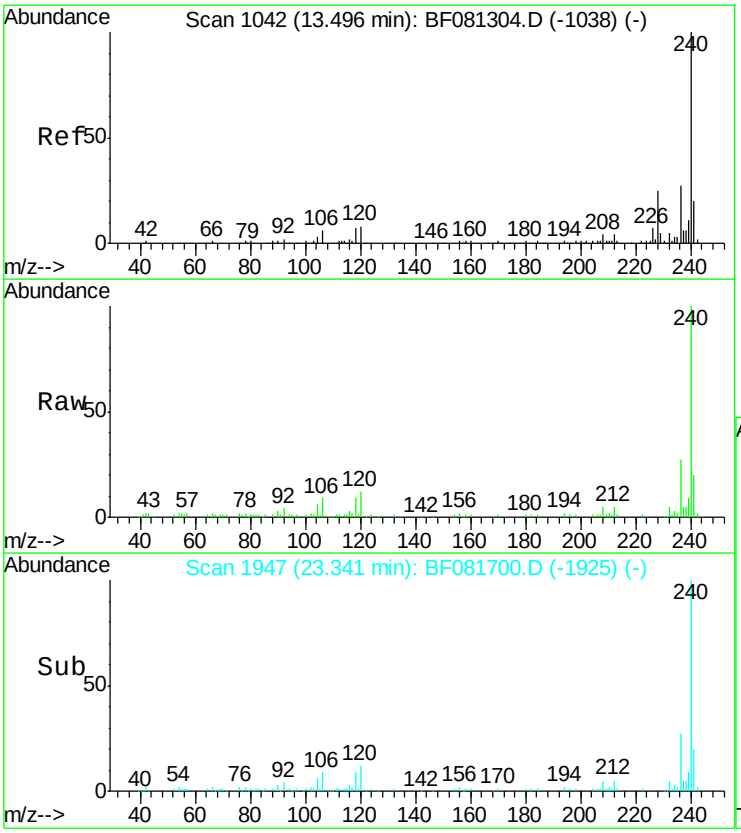
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:188 Resp: 143109

Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	10.0	11.0	16.4#

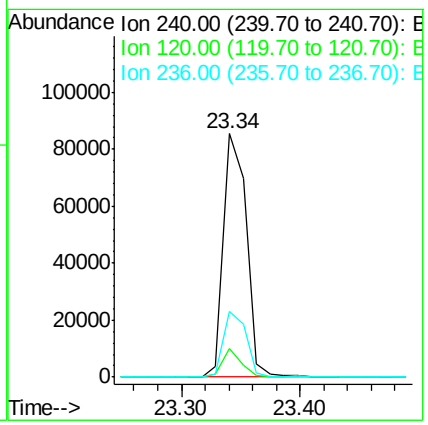


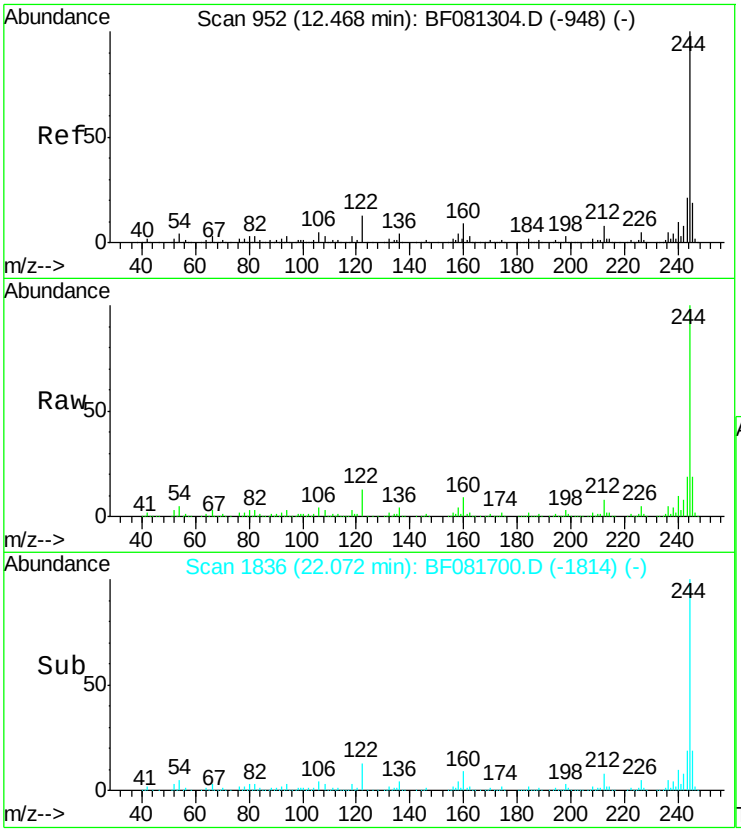


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:240 Resp: 113877

Ion	Ratio	Lower	Upper
240	100		
120	11.5	16.2	24.2#
236	26.9	18.4	27.6



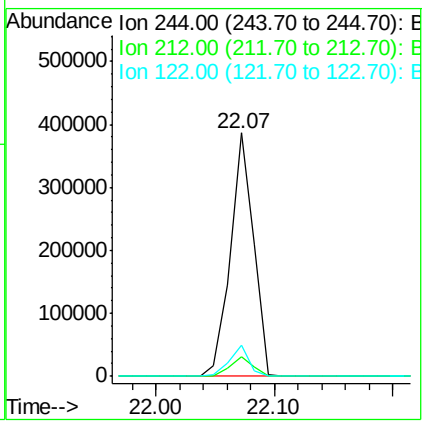


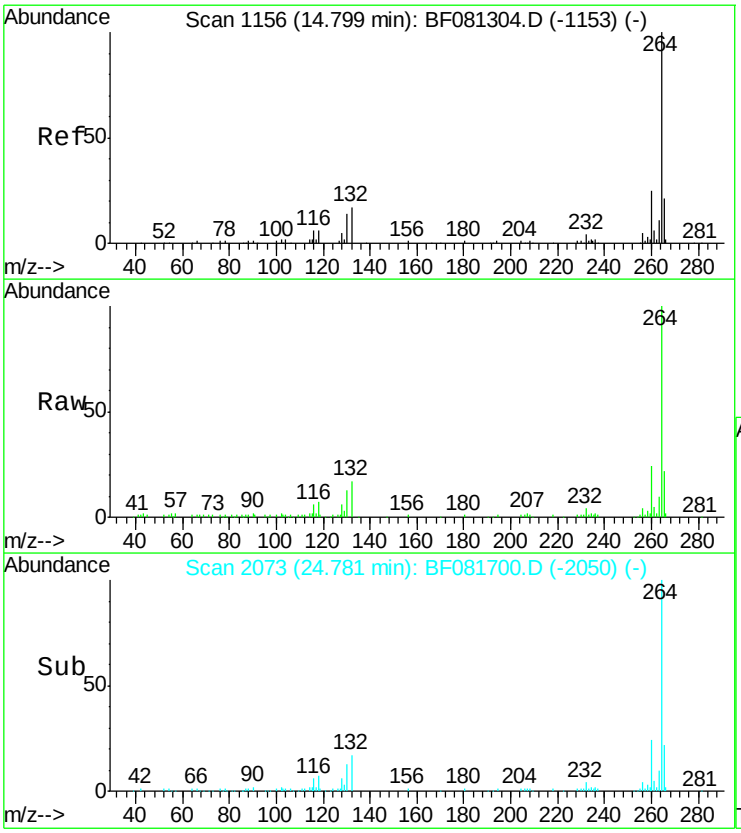
#78
Terphenyl-d14
Concen: 106.76 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:244 Resp: 522262

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	12.6	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:264 Resp: 77778

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.7	17.2	25.8