Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3654-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Time: Sep 28 03:14:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	129988	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	489917	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	224420	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	408363	20.00	ng		0.00
75) Chrysene-d12	14.10	240	311625	20.00	ng		-0.01
86) Perylene-d12	15.58	264	281441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	222400	28.94	ng		-0.01
7) Phenol-d6	6.55	99	166890	17.17	ng		-0.02
23) Nitrobenzene-d5	7.50	82	432942	58.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.77	330	40882	20.98	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	928673	67.93	ng		-0.01
78) Terphenyl-d14	13.05	244	724963	53.14	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	13696	2.38	ng	#	1
18) Hexachloroethane	7.47	117	16055	4.86	ng	#	59
19) n-Nitroso-di-n-propylamine	7.50	70	57442	8.87	ng	#	61
31) Naphthalene	8.25	128	414006	18.32	ng		99
33) 4-Chloroaniline	8.25	127	55016	5.55	ng	#	36
37) 2-Methylnaphthalene	8.94	142	205639	12.77	ng	#	90
48) Acenaphthylene	9.84	152	191749	8.03	ng		96
49) Dimethylphthalate	9.69	163	145117	8.50	ng	#	97
51) Acenaphthene	10.01	154	130476	9.48	ng		89
53) 2,4-Dinitrophenol	10.02	184	349	Below Cal		#	1
56) 2,4-Dinitrotoluene	10.17	165	8516	2.16	ng	#	42
57) Fluorene	10.53	166	95999	6.19	ng	#	88
64) 4,6-Dinitro-2-methylphenol	10.65	198	3572	13.15	ng		82
70) Phenanthrene	11.50	178	508100	21.76	ng		97
71) Anthracene	11.54	178	112176	4.99	ng		99
74) Fluoranthene	12.68	202	106639	4.53	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3654-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
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MW-12B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
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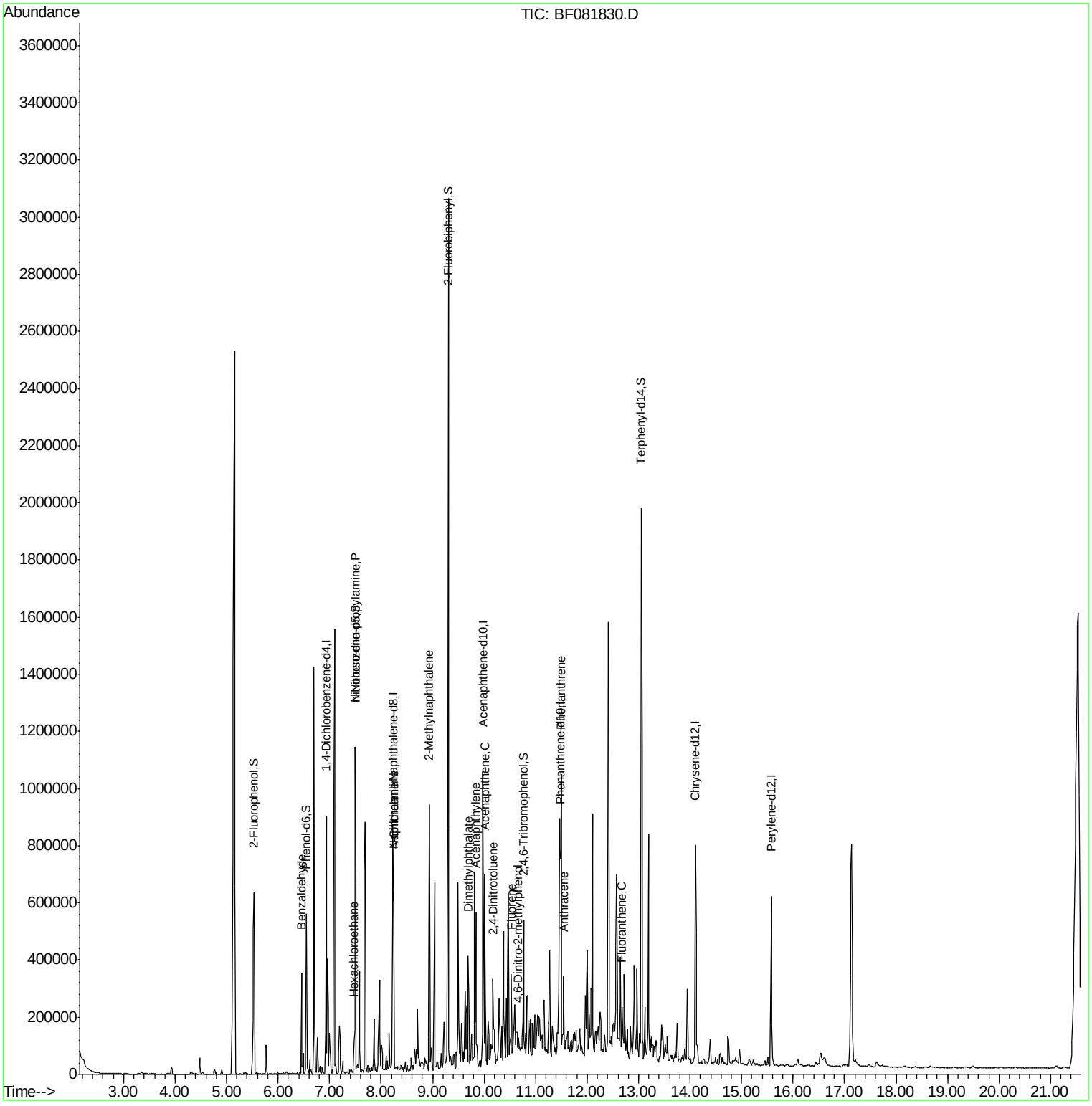
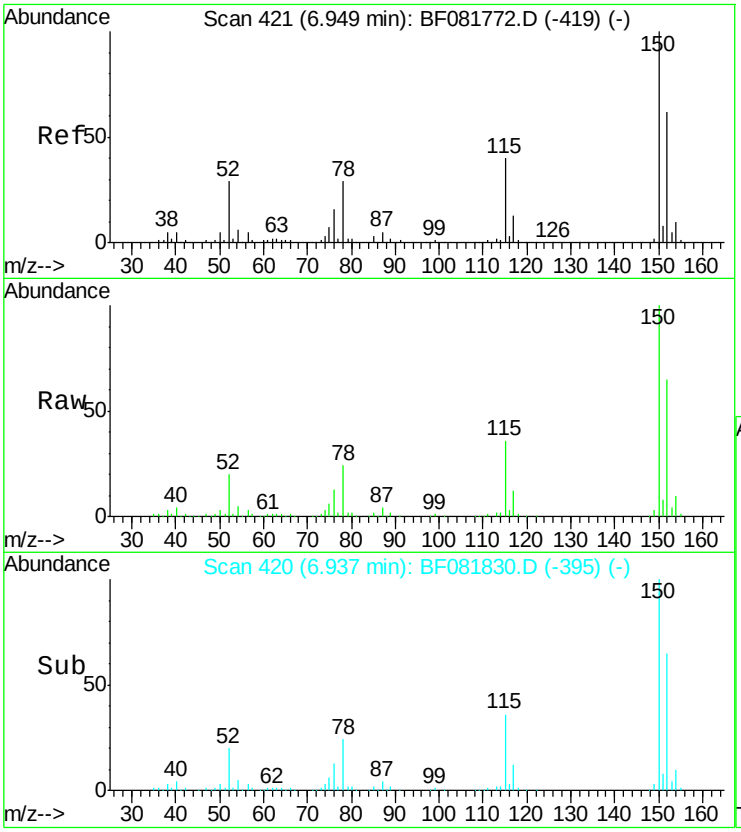


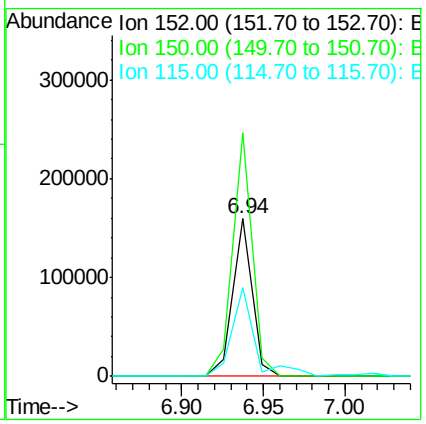


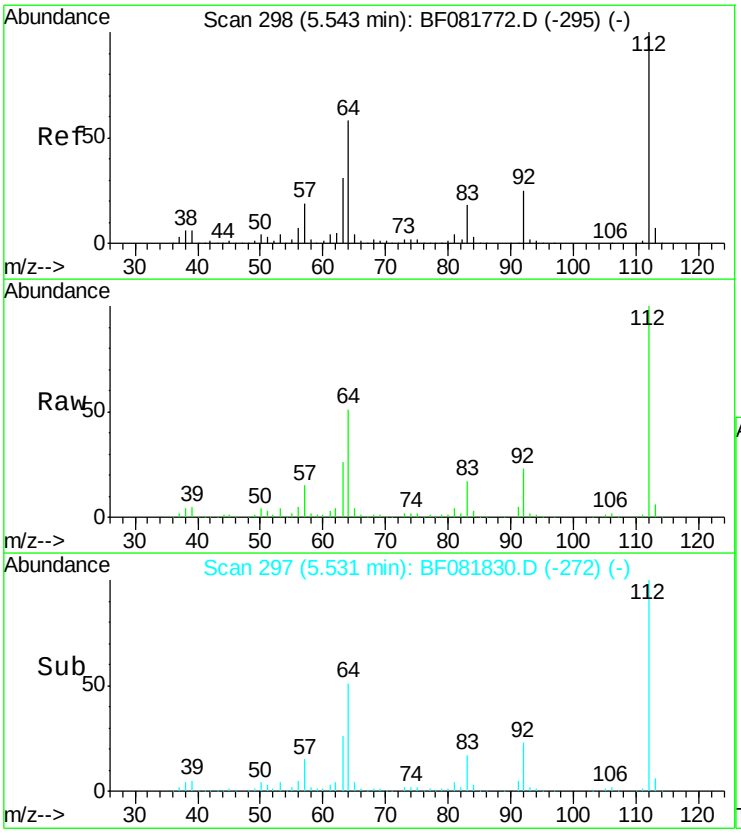
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:152 Resp: 129988

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	56.3	39.0	58.4

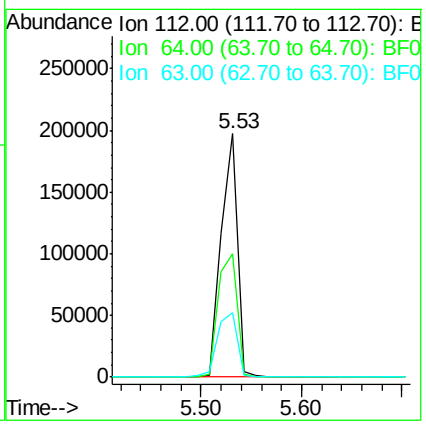


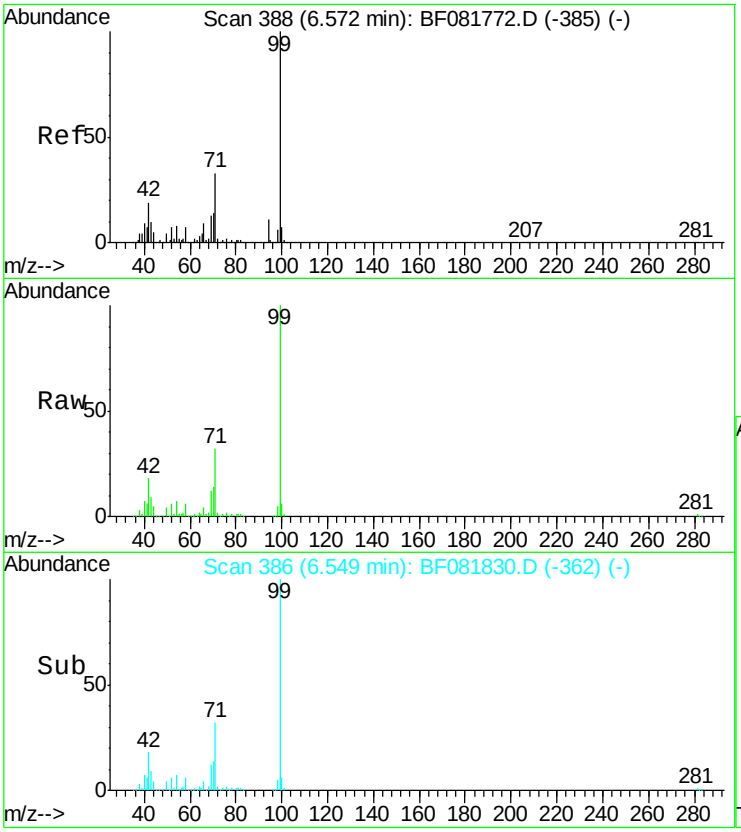


#5
2-Fluorophenol
Concen: 28.94 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:112 Resp: 222400

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.7	59.5
63	26.3	17.4	26.0#



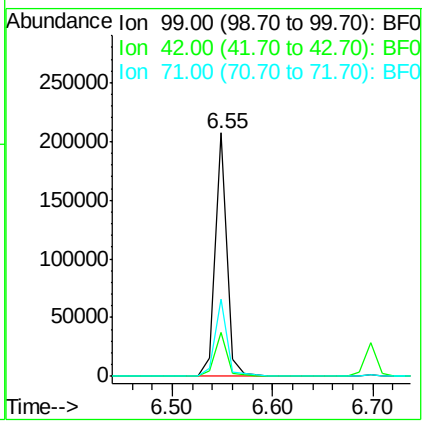


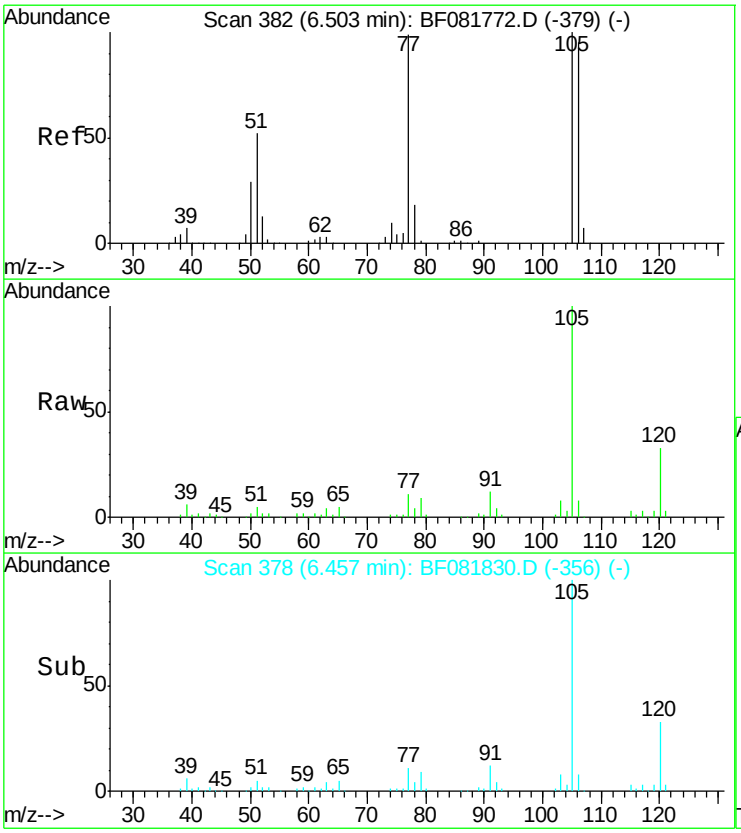
#7
Phenol-d6
Concen: 17.17 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion: 99 Resp: 166890

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	31.7	14.2	21.2#

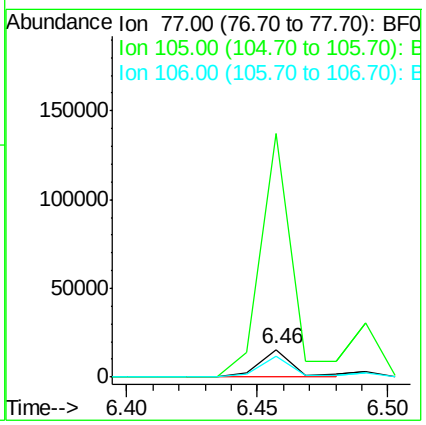


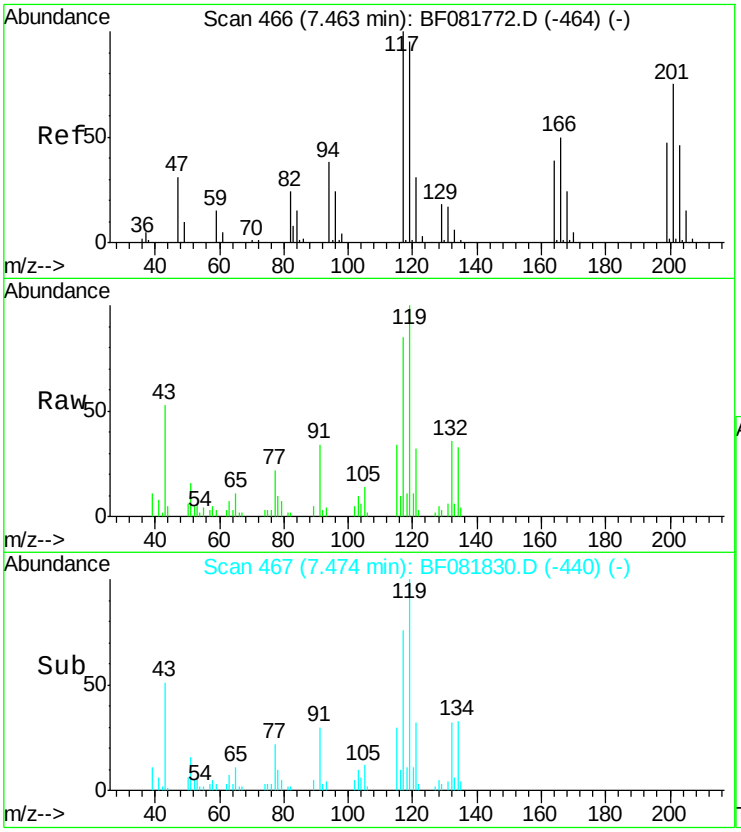


#9
Benzaldehyde
Concen: 2.38 ng
RT: 6.46 min Scan# 378
Delta R.T. -0.05 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion: 77 Resp: 13696

Ion	Ratio	Lower	Upper
77	100		
105	884.0	91.6	131.6#
106	73.8	102.6	142.6#



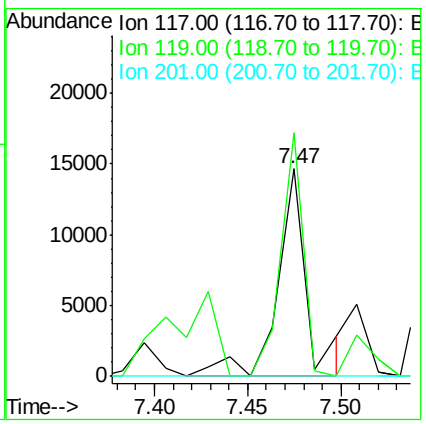


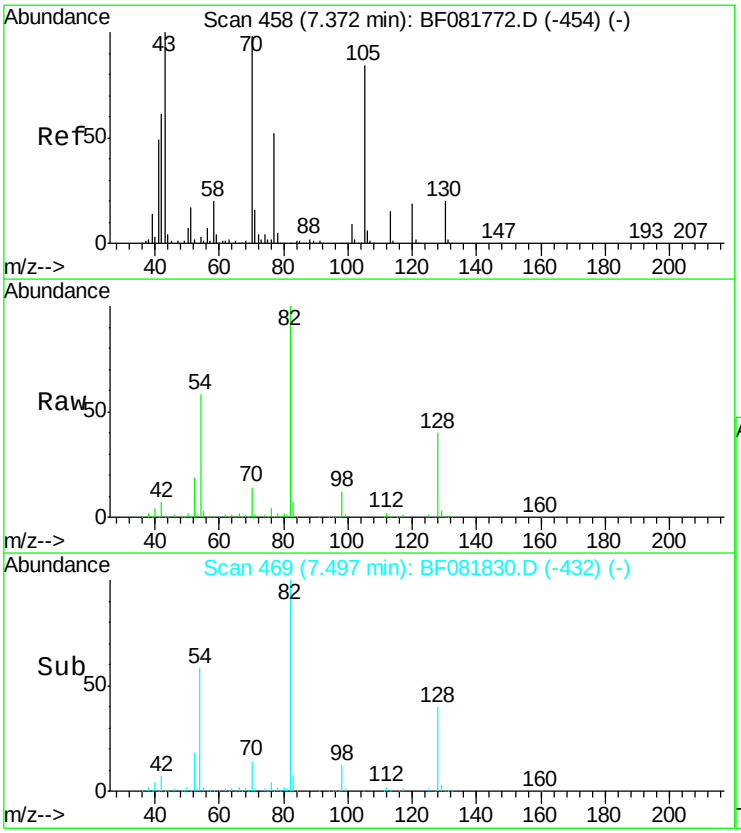
#18
Hexachloroethane
Concen: 4.86 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:117 Resp: 16055

Ion	Ratio	Lower	Upper
117	100		
119	117.2	83.8	125.6
201	0.0	55.1	82.7#

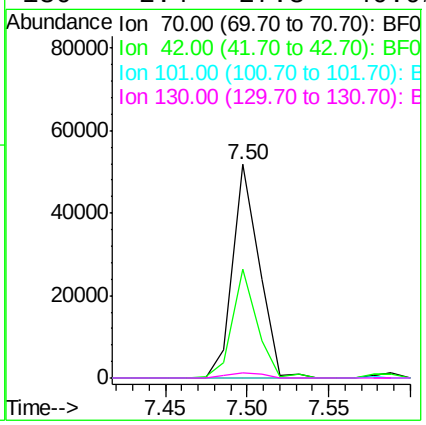


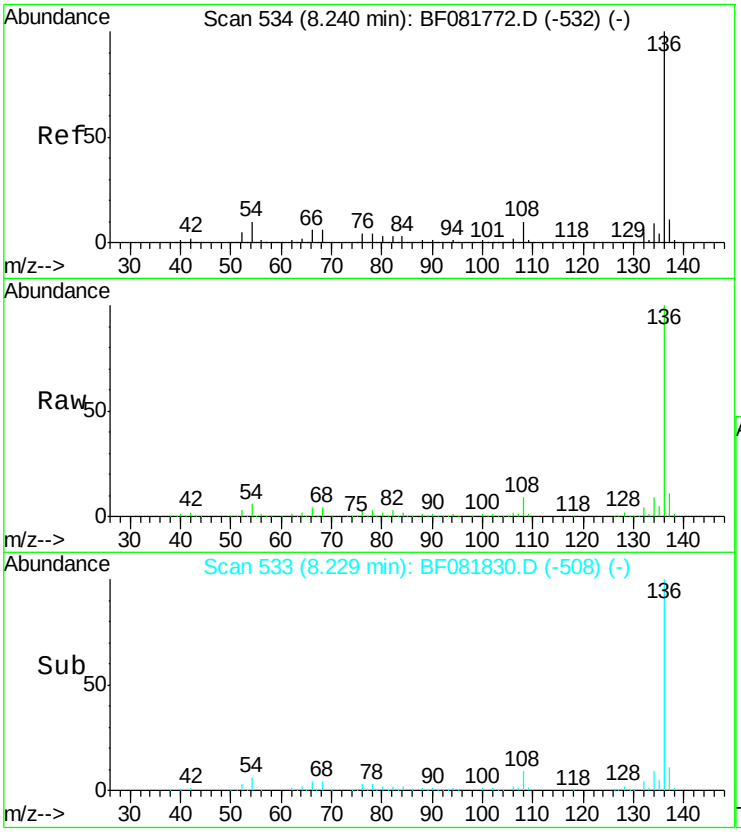


#19
n-Nitroso-di-n-propylamine
Concen: 8.87 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion: 70 Resp: 57442

Ion	Ratio	Lower	Upper
70	100		
42	51.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



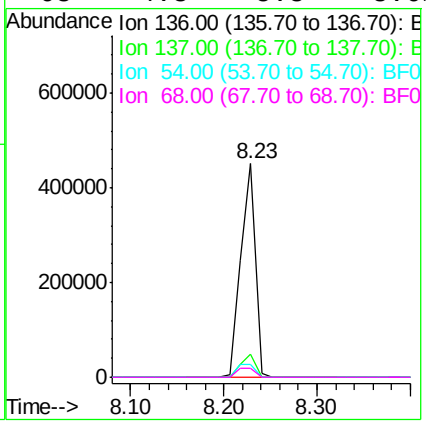


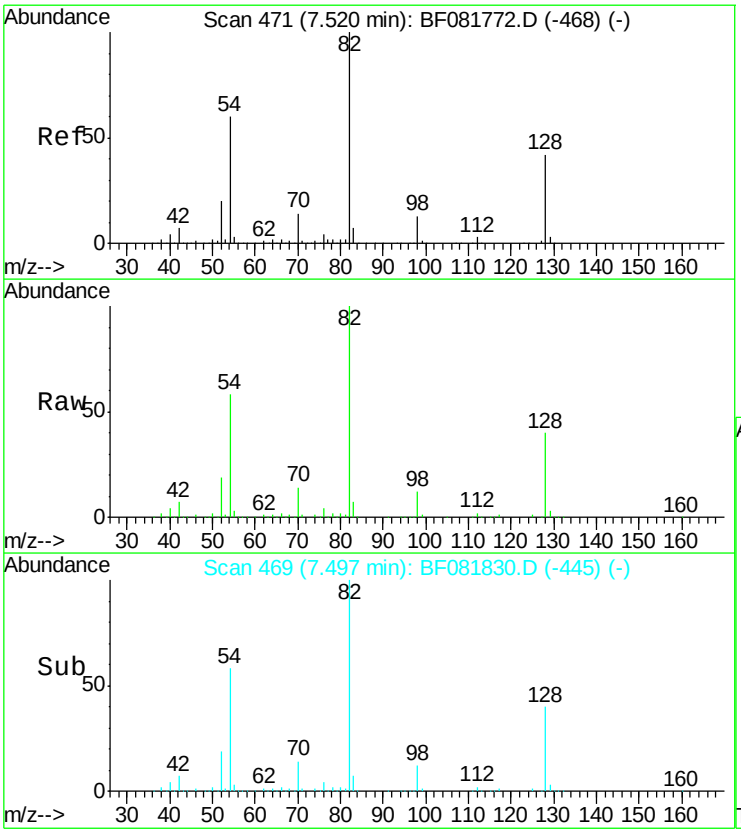
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:136 Resp: 489917

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.3	8.2	12.2#
68	4.3	5.8	8.6#

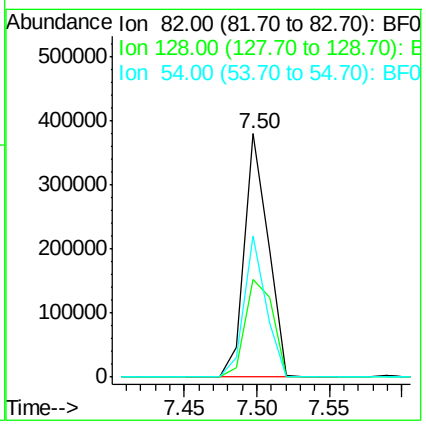


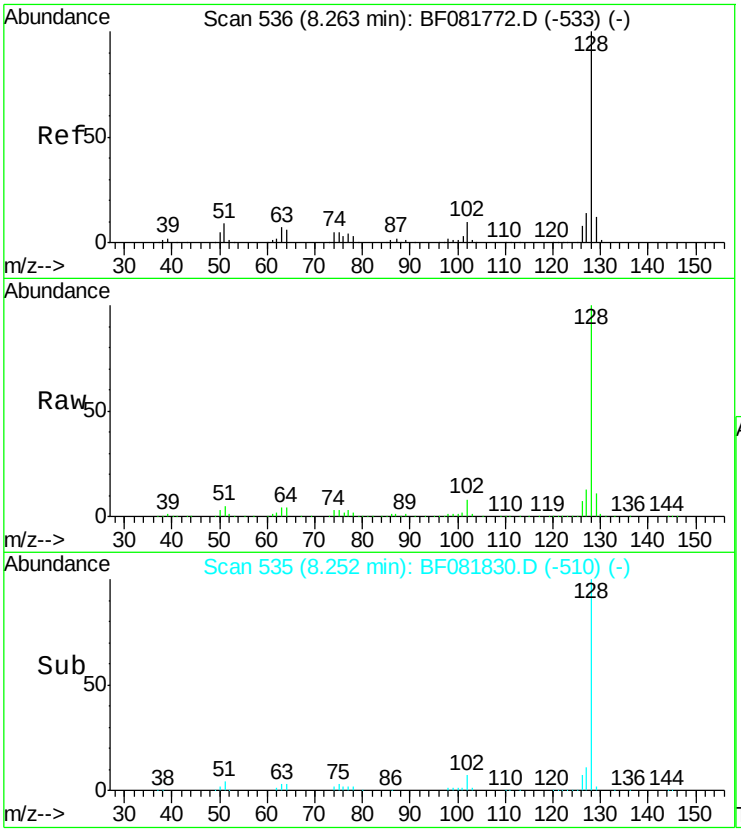


#23
Nitrobenzene-d5
Concen: 58.31 ng
RT: 7.50 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion: 82 Resp: 432942

Ion	Ratio	Lower	Upper
82	100		
128	40.0	51.0	76.6#
54	57.9	47.5	71.3



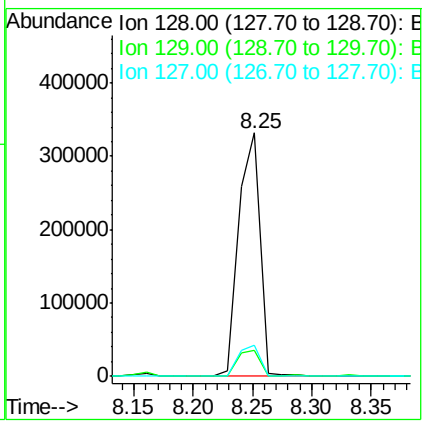


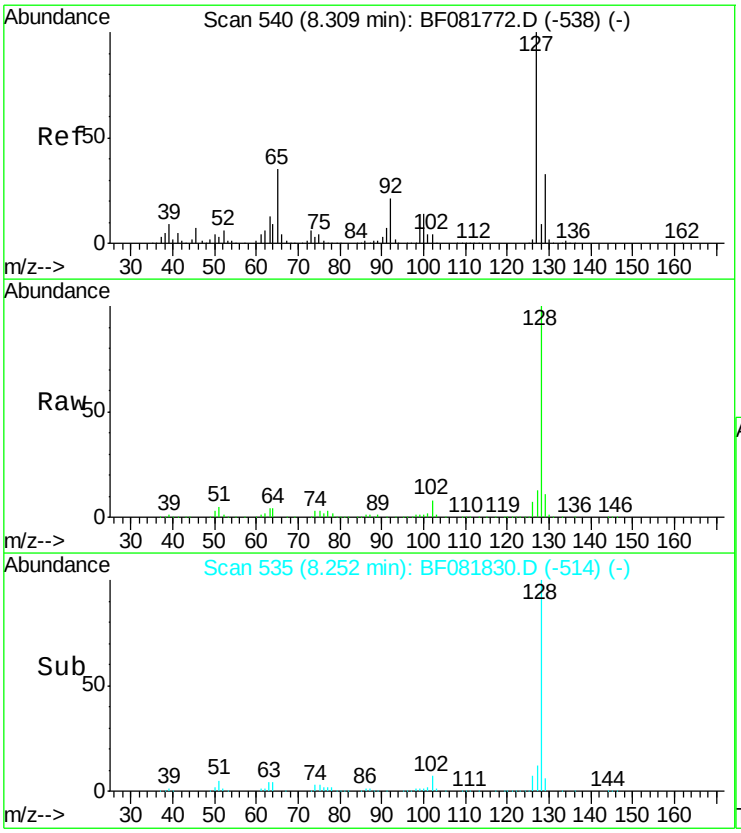
#31
Naphthalene
Concen: 18.32 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:128 Resp: 414006

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	12.9	9.9	14.9

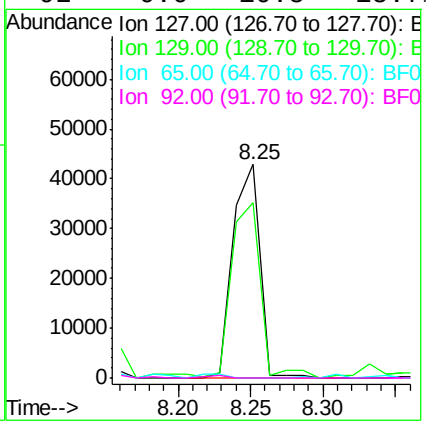


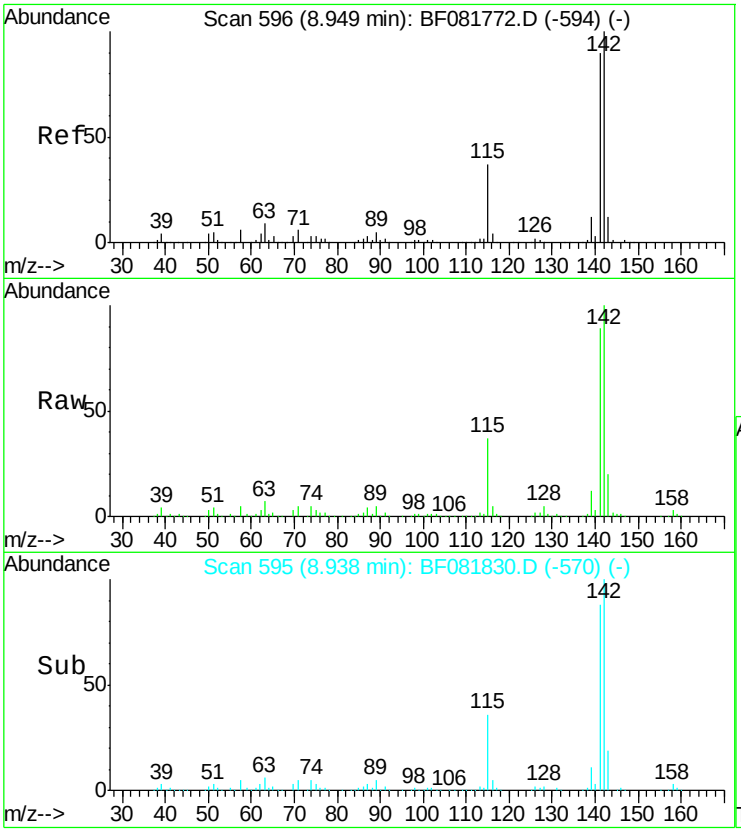


#33
4-Chloroaniline
Concen: 5.55 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:127 Resp: 55016

Ion	Ratio	Lower	Upper
127	100		
129	82.1	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



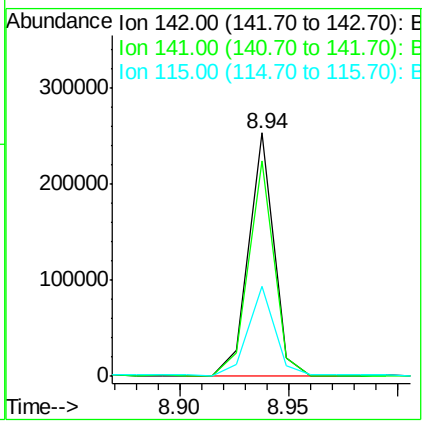


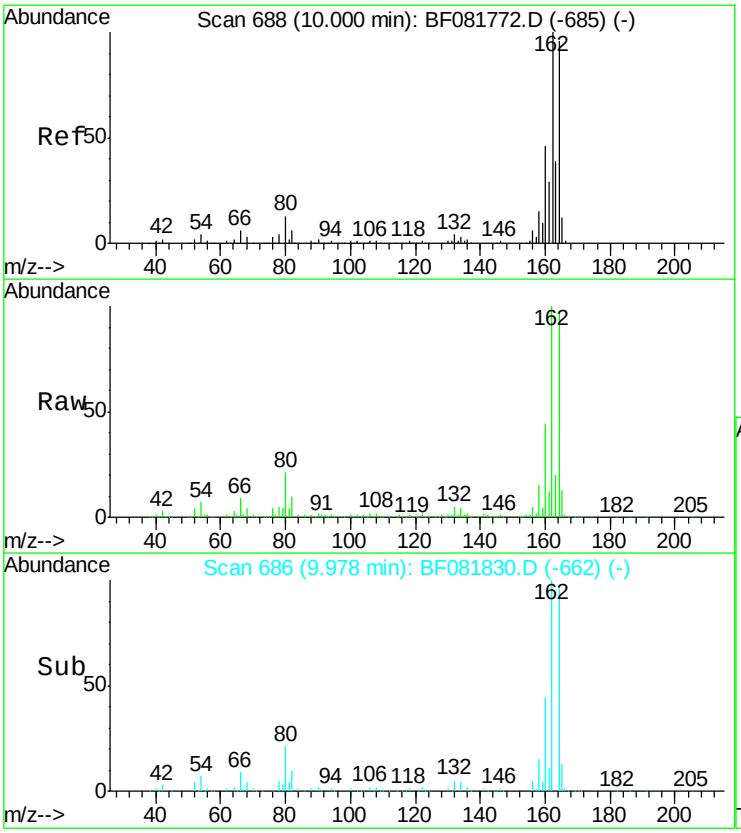
#37
2-Methylnaphthalene
Concen: 12.77 ng
RT: 8.94 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:142 Resp: 205639

Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.5	101.3
115	36.7	18.2	27.2#

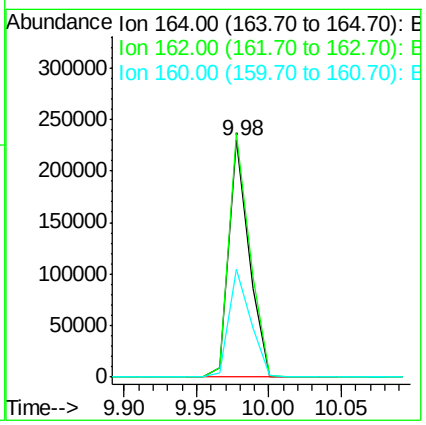


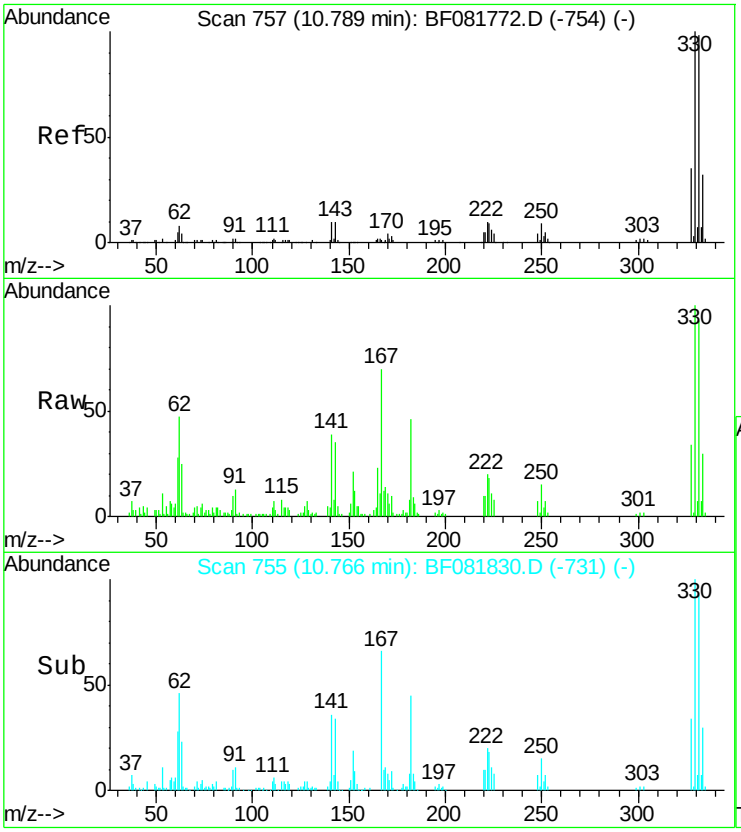


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:164 Resp: 224420

Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	45.5	31.5	47.3



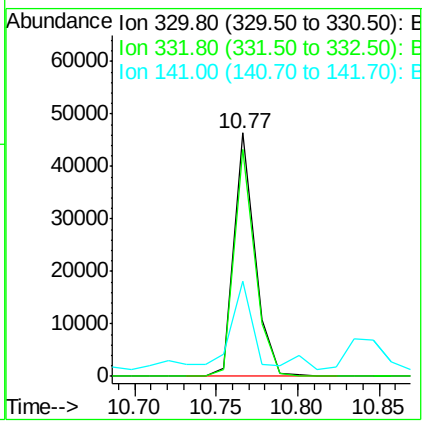


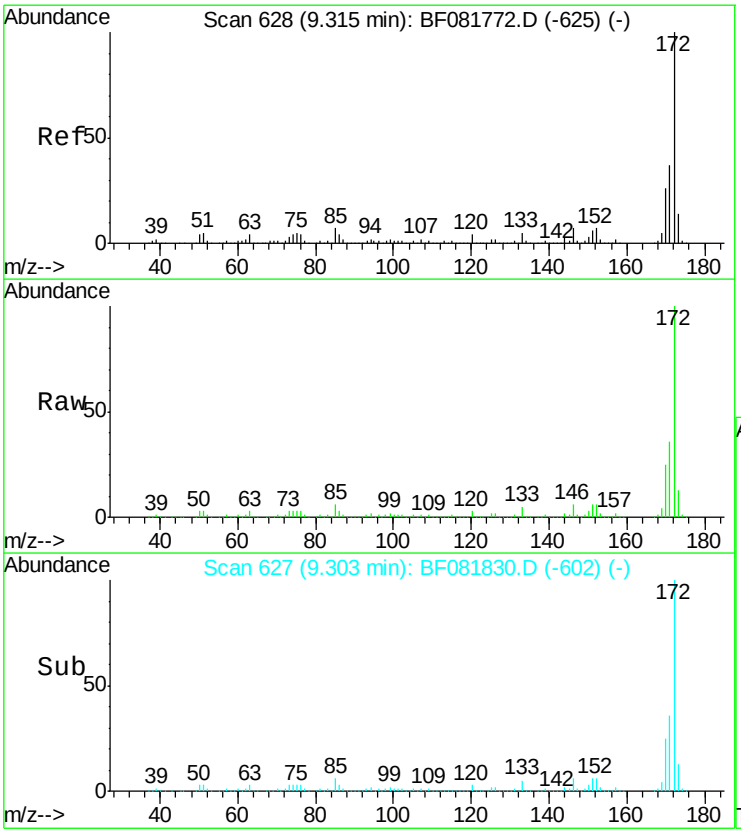
#41
2,4,6-Tribromophenol
Concen: 20.98 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:330 Resp: 40882

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	114.8
141	42.5	29.7	44.5

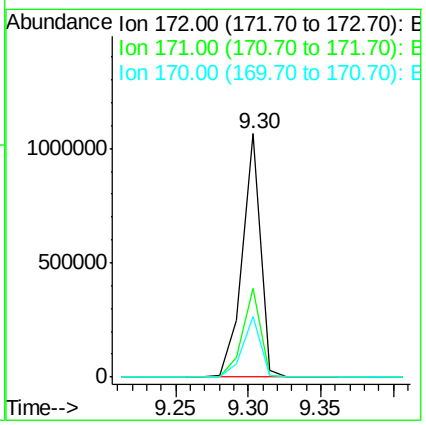


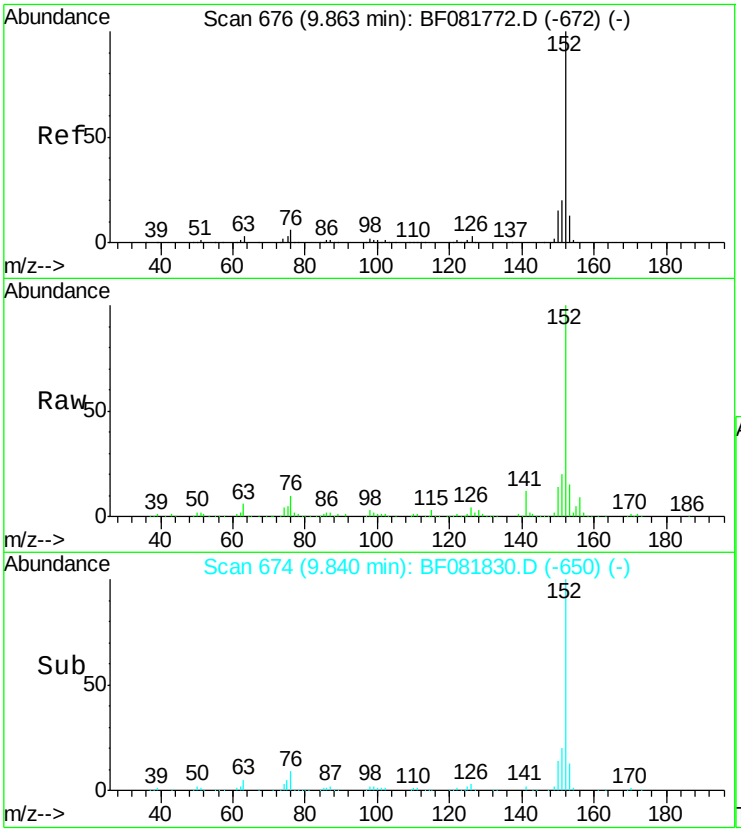


#44
2-Fluorobiphenyl
Concen: 67.93 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:172 Resp: 928673

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.7	17.4	26.2



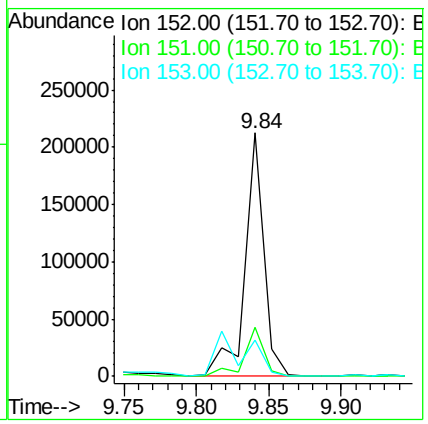


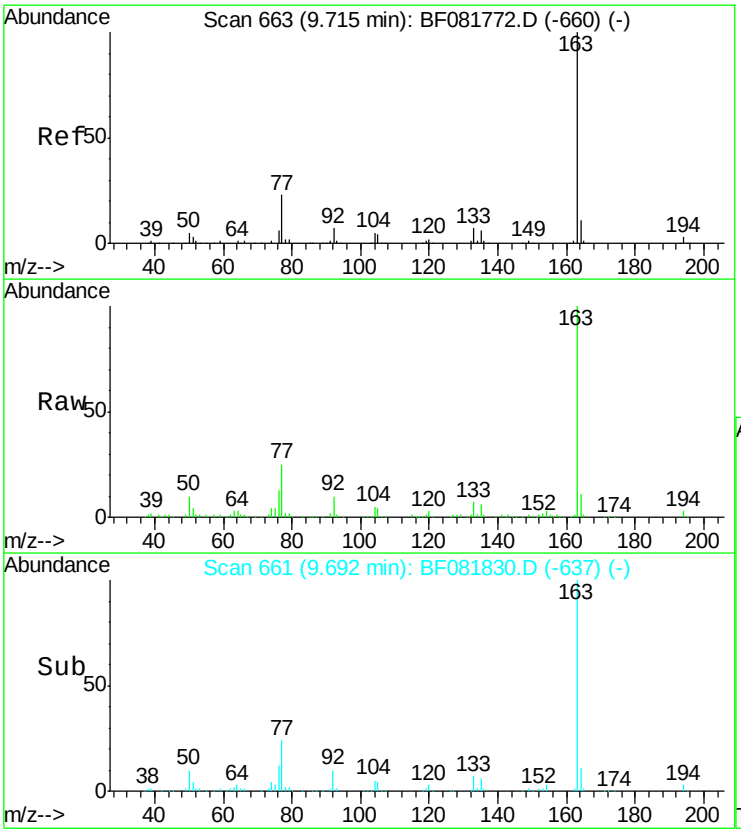
#48
Acenaphthylene
Concen: 8.03 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:152 Resp: 191749

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.6	22.0
153	15.0	10.3	15.5

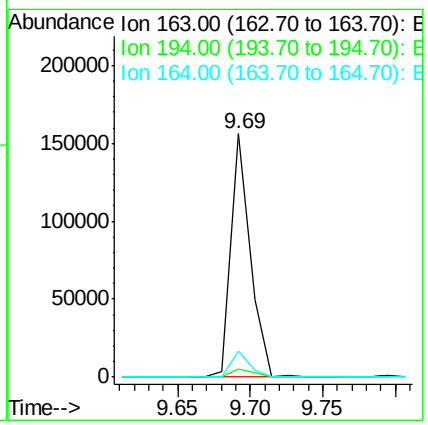


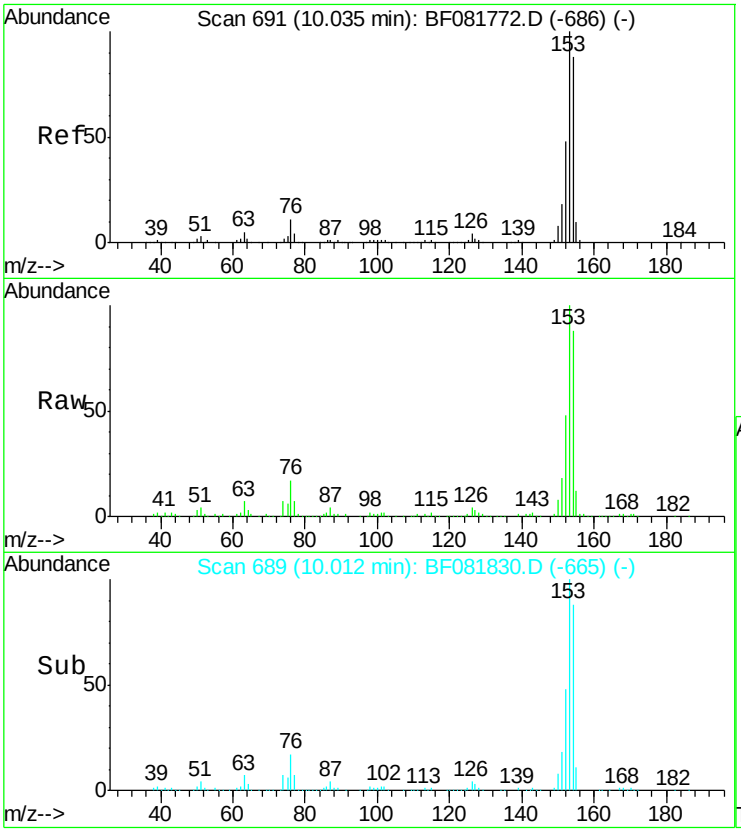


#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:163 Resp: 145117

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.6	8.3	12.5



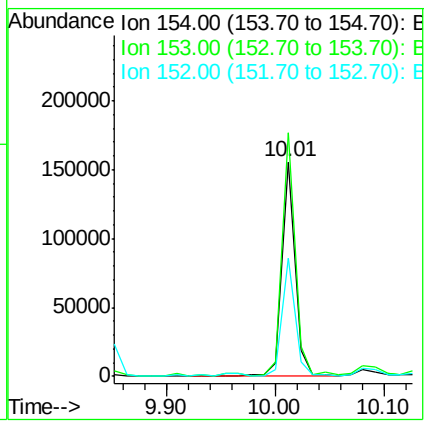


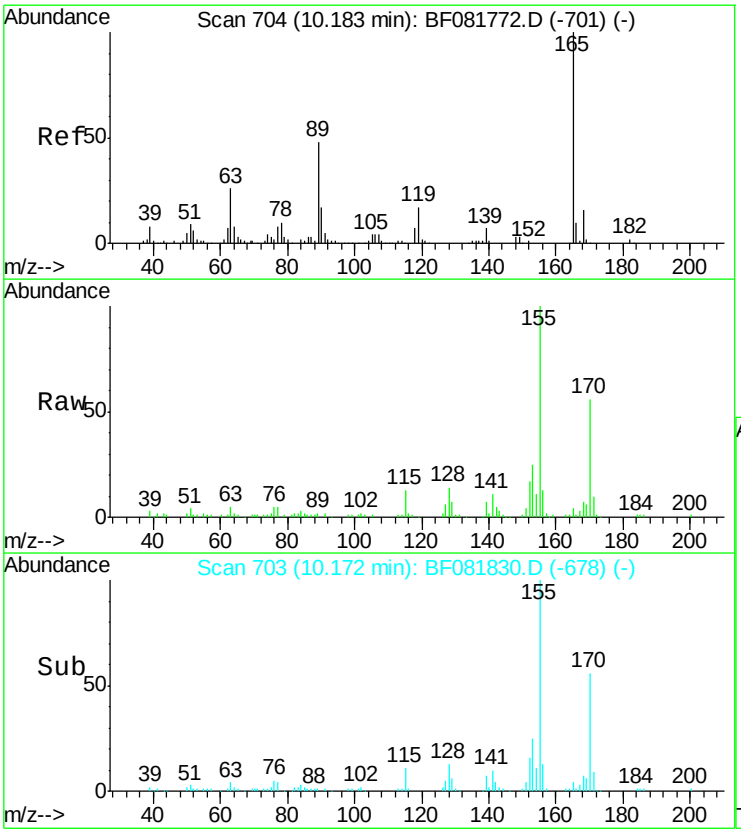
#51
Acenaphthene
Concen: 9.48 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:154 Resp: 130476

Ion	Ratio	Lower	Upper
154	100		
153	113.3	82.1	123.1
152	54.9	37.9	56.9

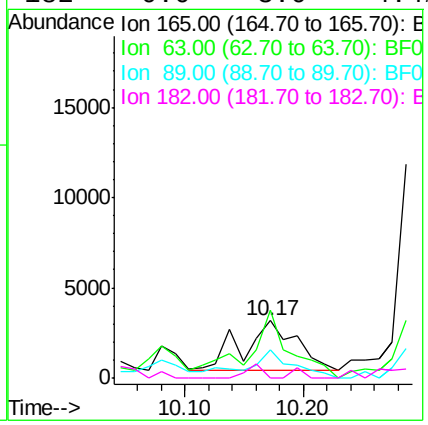


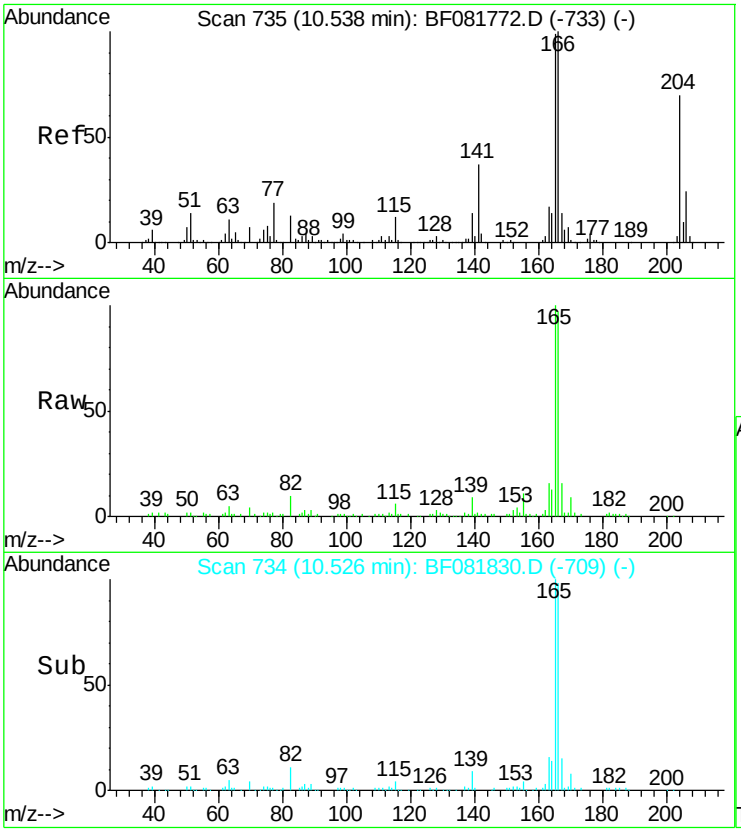


#56
2,4-Dinitrotoluene
Concen: 2.16 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:165 Resp: 8516

Ion	Ratio	Lower	Upper
165	100		
63	119.7	29.8	44.6#
89	49.6	44.5	66.7
182	0.0	3.0	4.4#



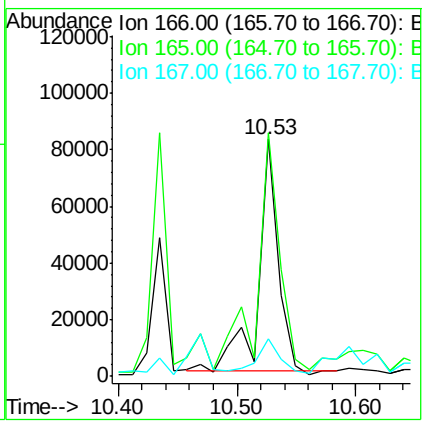


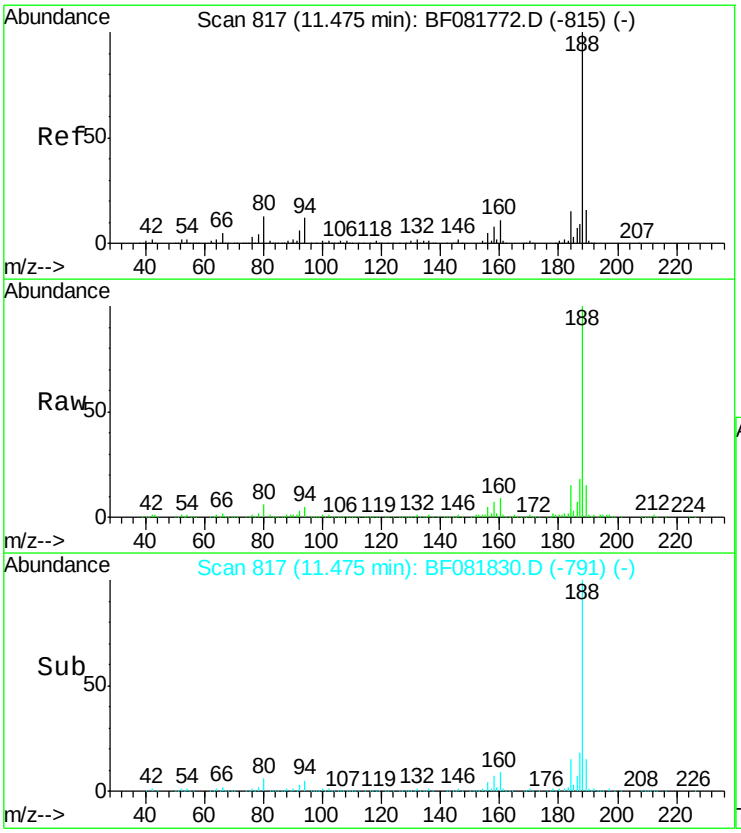
#57
Fluorene
Concen: 6.19 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:166 Resp: 95999

Ion	Ratio	Lower	Upper
166	100		
165	102.8	72.6	109.0
167	16.0	10.6	16.0#

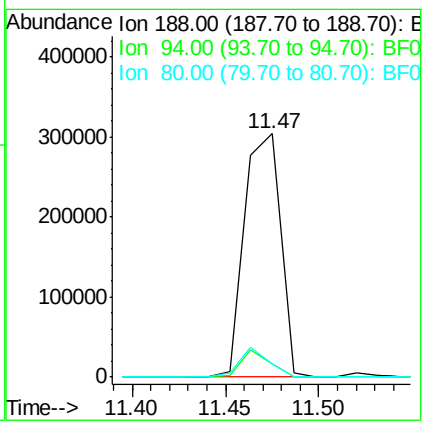


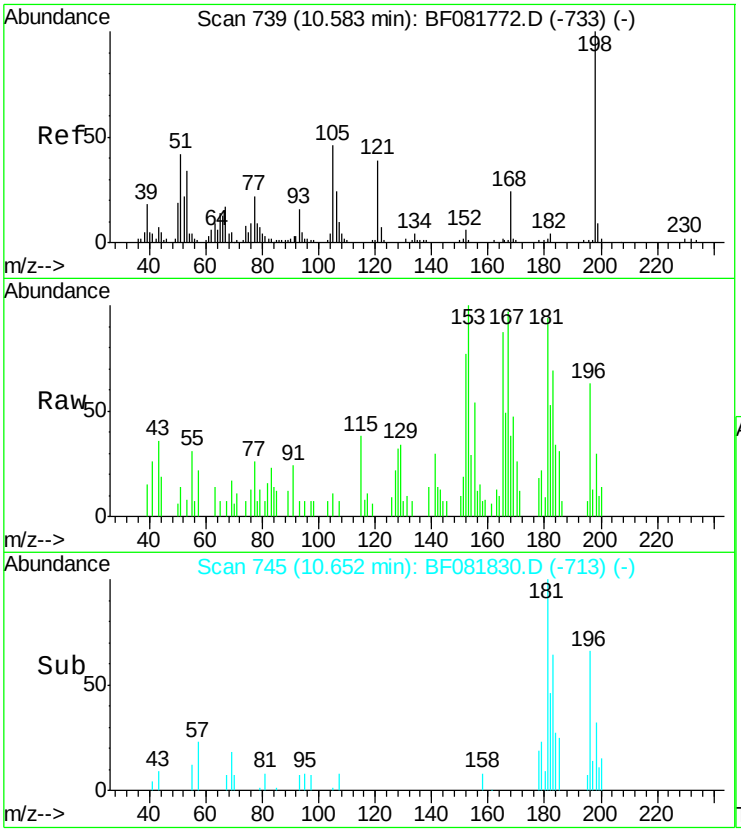


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:188 Resp: 408363

Ion	Ratio	Lower	Upper
188	100		
94	5.4	11.1	16.7#
80	5.6	11.0	16.4#



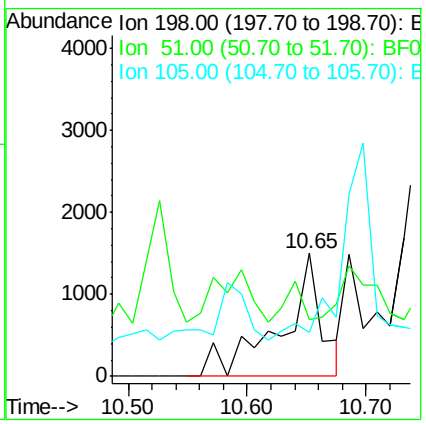


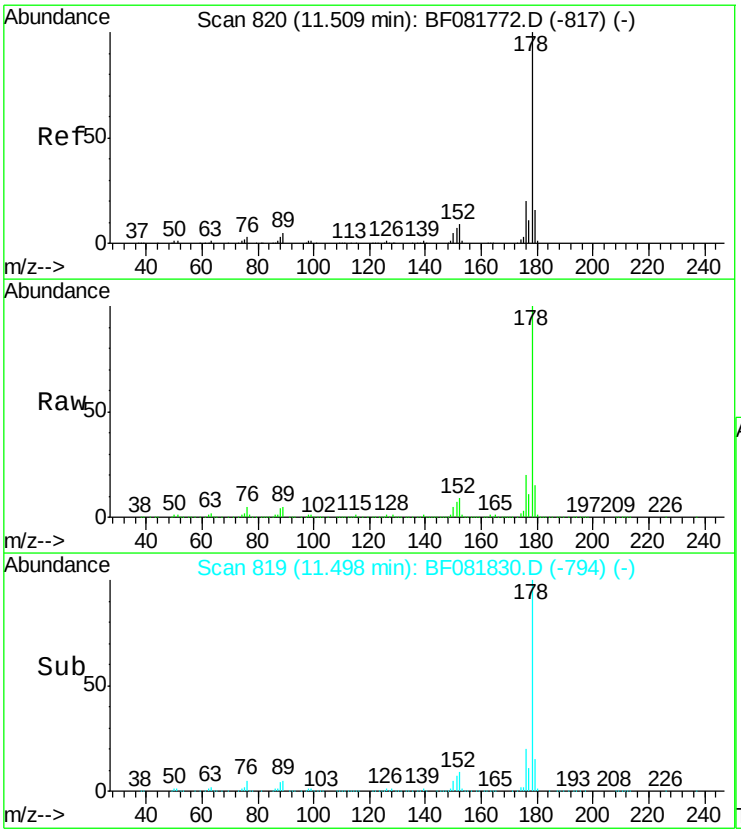
#64
4,6-Dinitro-2-methylphenol
Concen: 13.15 ng
RT: 10.65 min Scan# 745
Delta R.T. 0.07 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:198 Resp: 3572

Ion	Ratio	Lower	Upper
198	100		
51	45.8	39.6	79.6
105	36.0	28.5	68.5

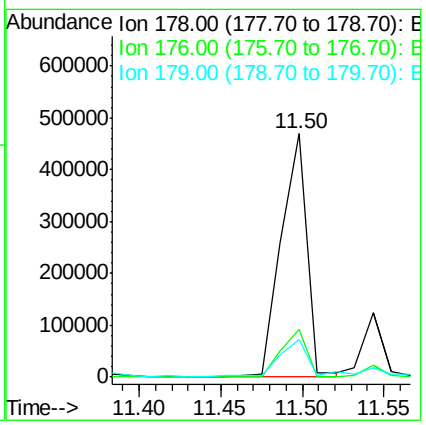


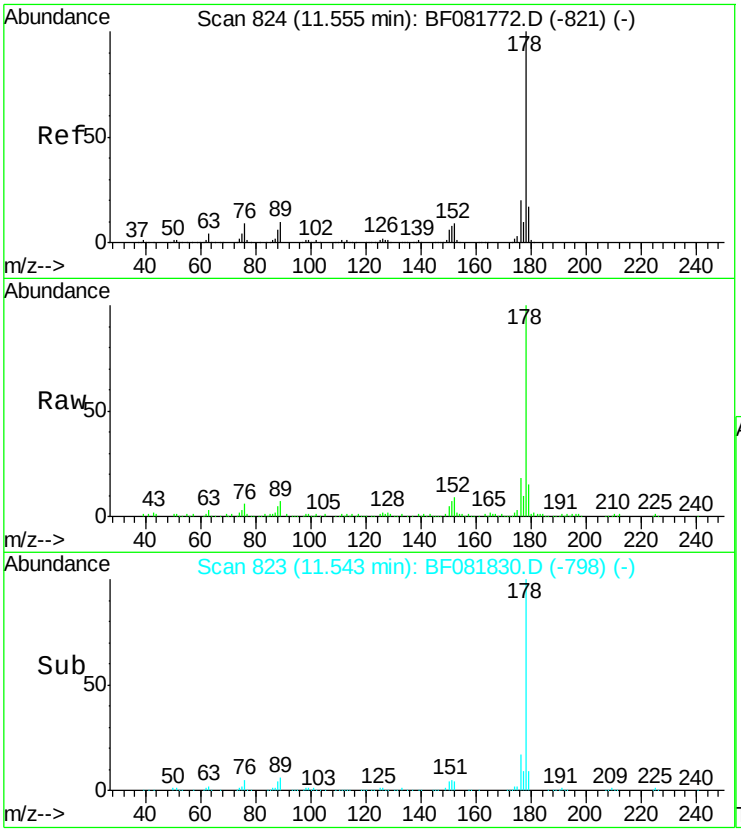


#70
Phenanthrene
Concen: 21.76 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:178 Resp: 508100

Ion	Ratio	Lower	Upper
178	100		
176	19.8	13.8	20.8
179	15.5	12.2	18.2



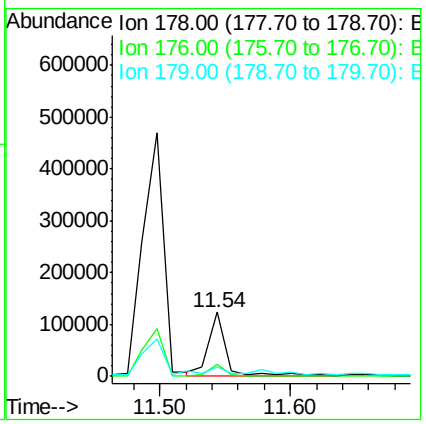


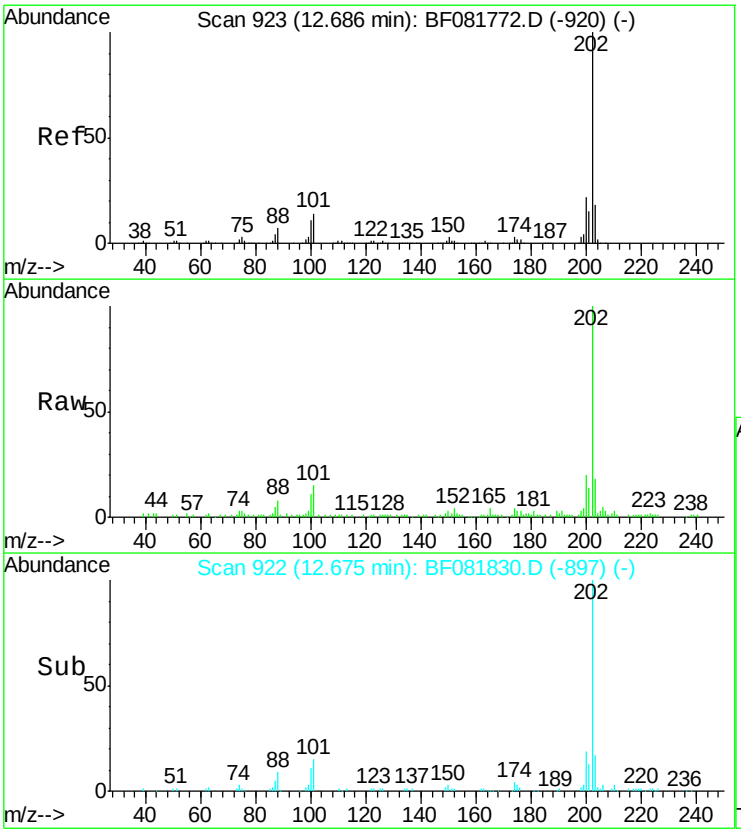
#71
Anthracene
Concen: 4.99 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:178 Resp: 112176

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	15.5	12.2	18.2

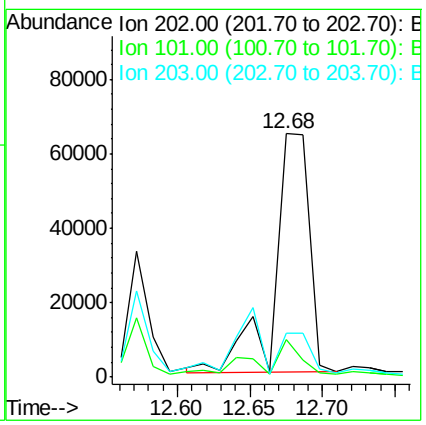


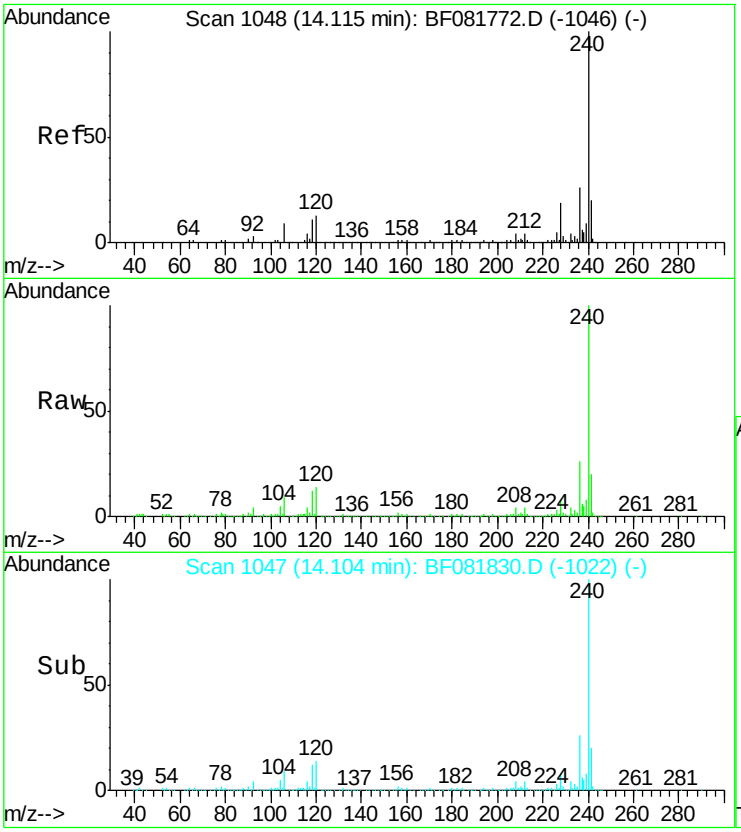


#74
Fluoranthene
Concen: 4.53 ng
RT: 12.68 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:202 Resp: 106639

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	38.3
203	18.0	0.0	37.3



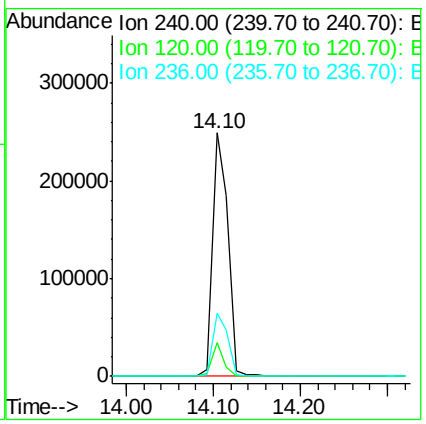


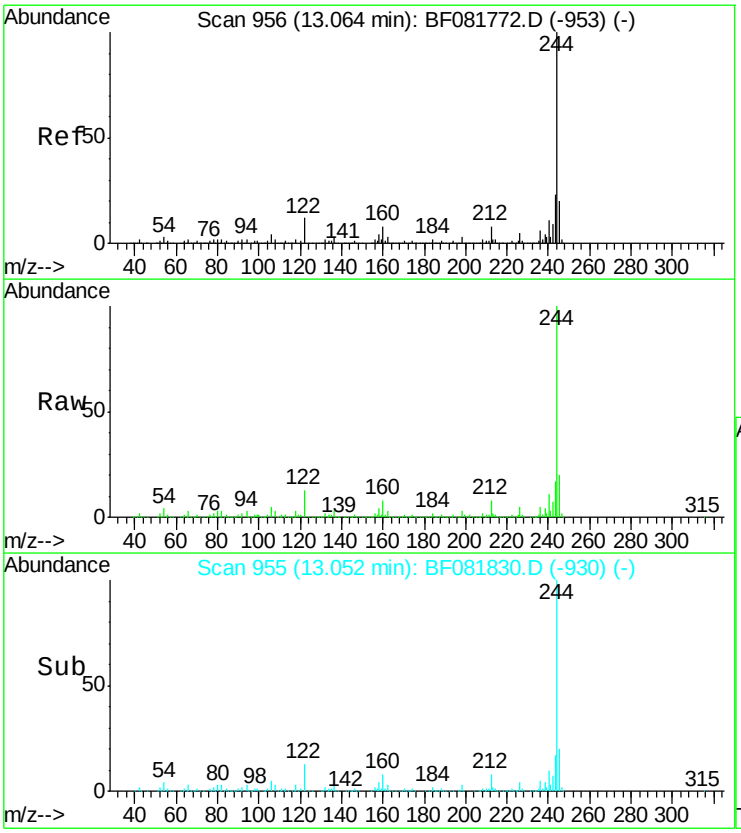
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:240 Resp: 311625

Ion	Ratio	Lower	Upper
240	100		
120	13.7	16.2	24.2#
236	25.9	18.4	27.6

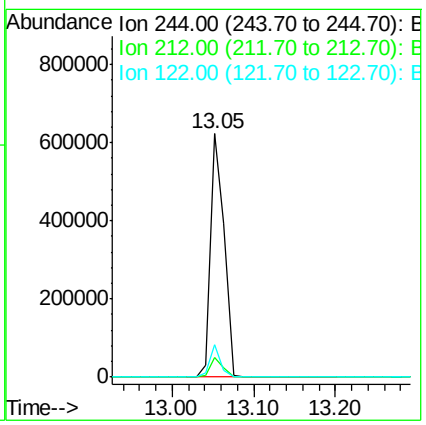


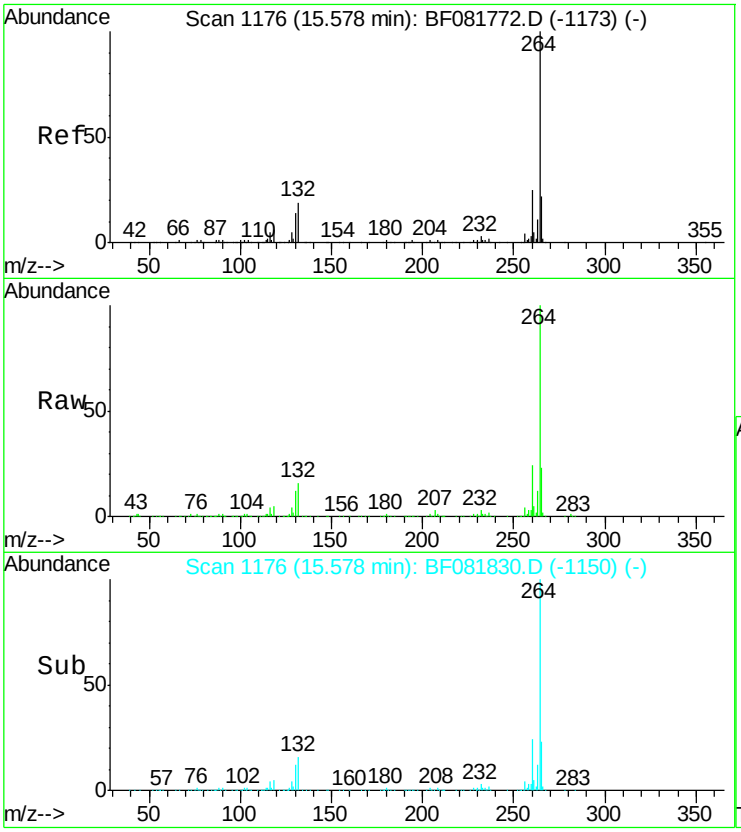


#78
Terphenyl-d14
Concen: 53.14 ng
RT: 13.05 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:244 Resp: 724963

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	13.5	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:264 Resp: 281441

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.6	17.2	25.8