Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
Data File : BF081453.D
Acq On : 5 Sep 2015 8:40
Operator : UM/IZ
Sample : G3558-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 07 01:59:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57342	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	220890	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96020	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	190462	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	134658	20.00	ng	-0.01
86) Perylene-d12	14.77	264	102054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	212497	57.50	ng	0.00
7) Phenol-d6	6.02	99	188521	38.54	ng	-0.01
23) Nitrobenzene-d5	6.94	82	402833	87.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	115199	134.74	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	654702	87.38	ng	0.00
78) Terphenyl-d14	12.43	244	549146	94.93	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.12	77	10886	3.55	ng	# 56
18) Hexachloroethane	6.94	117	6058	3.51	ng	# 5
19) n-Nitroso-di-n-propylamine	6.94	70	56251	16.89	ng	# 62
25) Isophorone	6.94	82	295131	34.66	ng	# 58
49) Dimethylphthalate	9.13	163	21635	2.90	ng	# 97
50) 2,6-Dinitrotoluene	9.38	165	12248	7.23	ng	# 37
51) Acenaphthene	9.42	154	20239	3.14	ng	88
56) 2,4-Dinitrotoluene	9.38	165	12248	5.68	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9428	4.90	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
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Acq On : 5 Sep 2015 8:40
Operator : UM/IZ
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:54:57 2015
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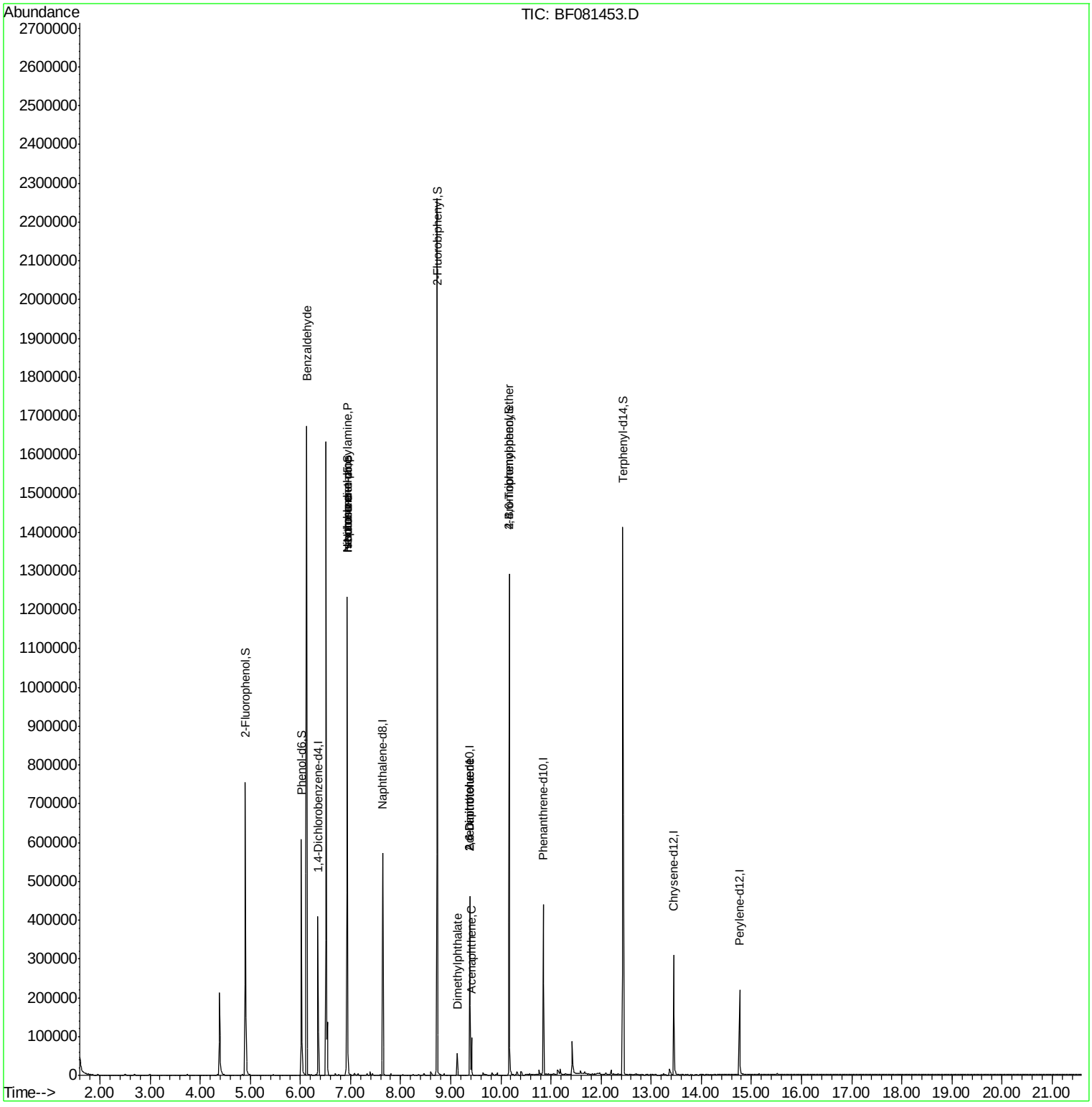
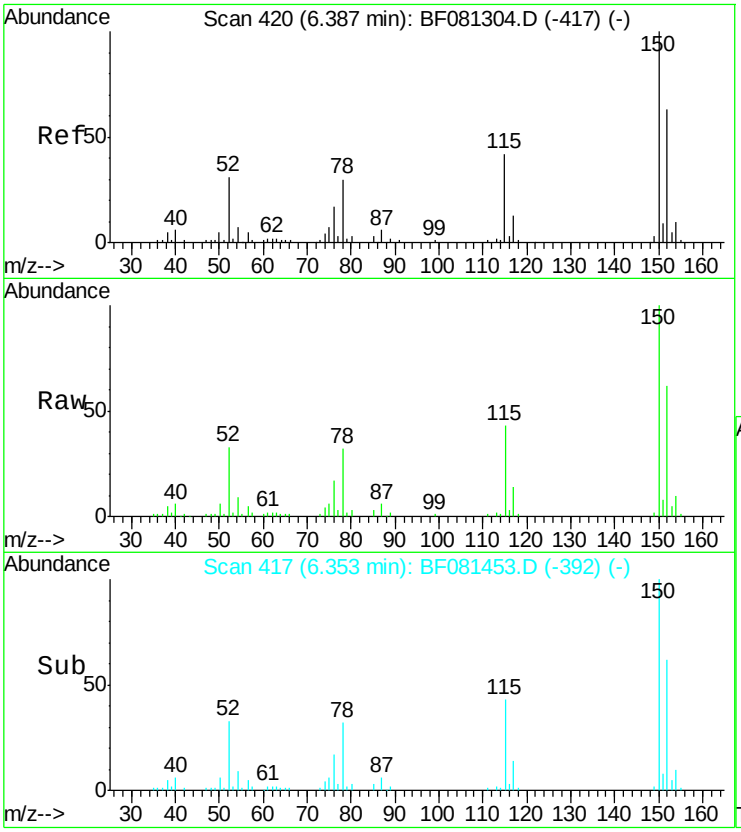


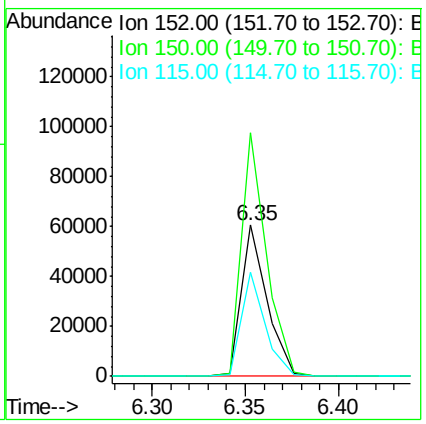


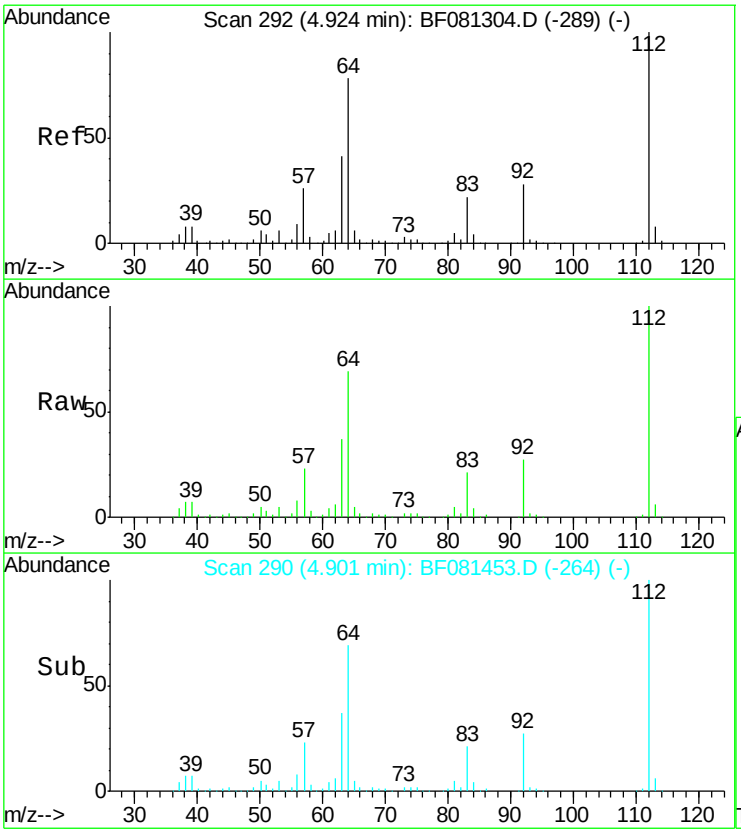
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57342

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.7	187.1
115	69.1	39.0	58.4#

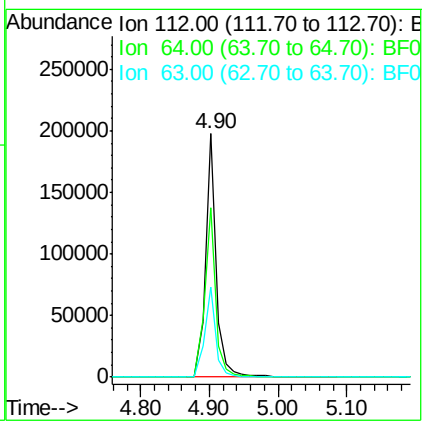


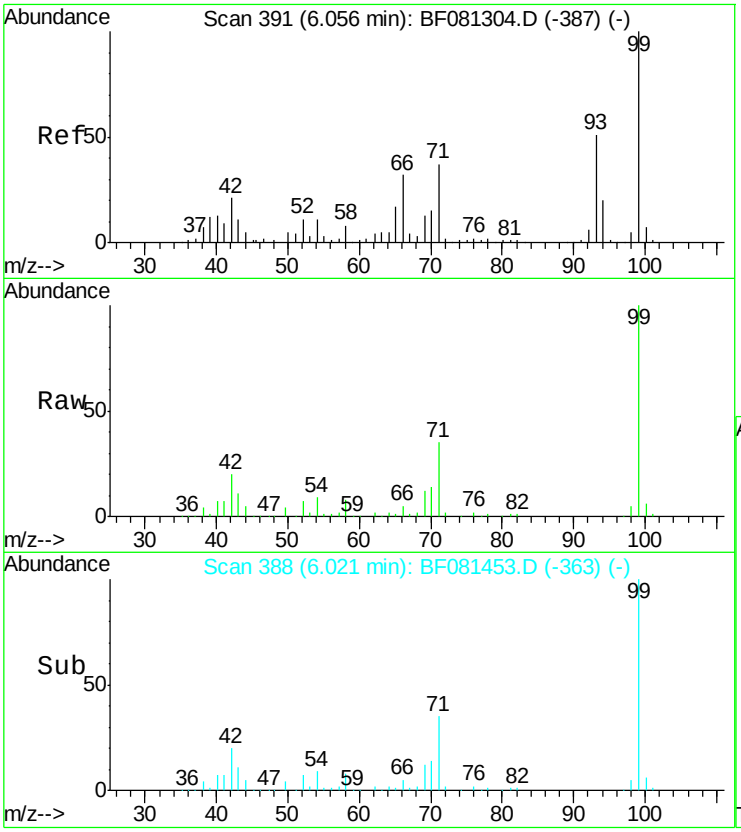


#5
2-Fluorophenol
Concen: 57.50 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:112 Resp: 212497

Ion	Ratio	Lower	Upper
112	100		
64	69.4	39.7	59.5#
63	36.8	17.4	26.0#



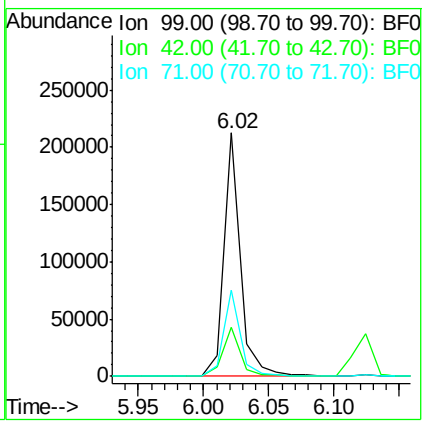


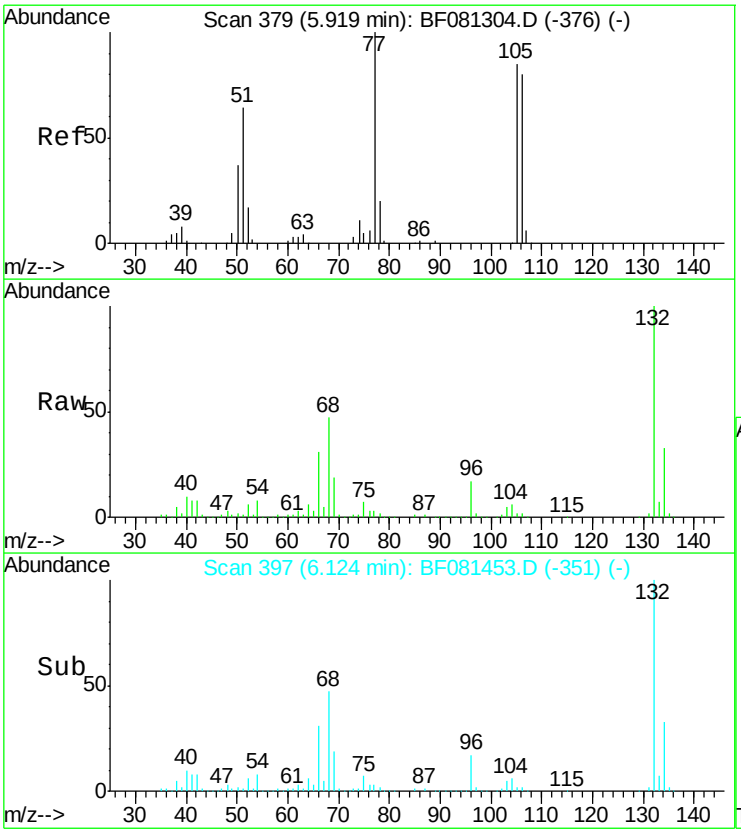
#7
Phenol-d6
Concen: 38.54 ng
RT: 6.02 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 188521

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.7	20.5
71	35.4	14.2	21.2#

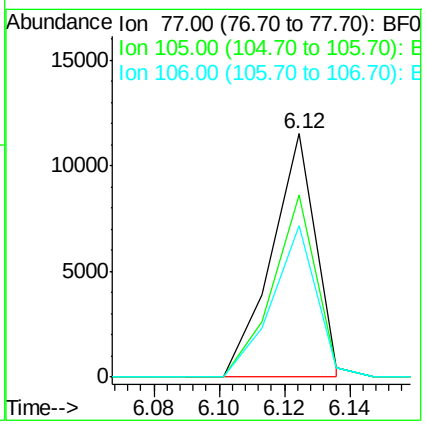


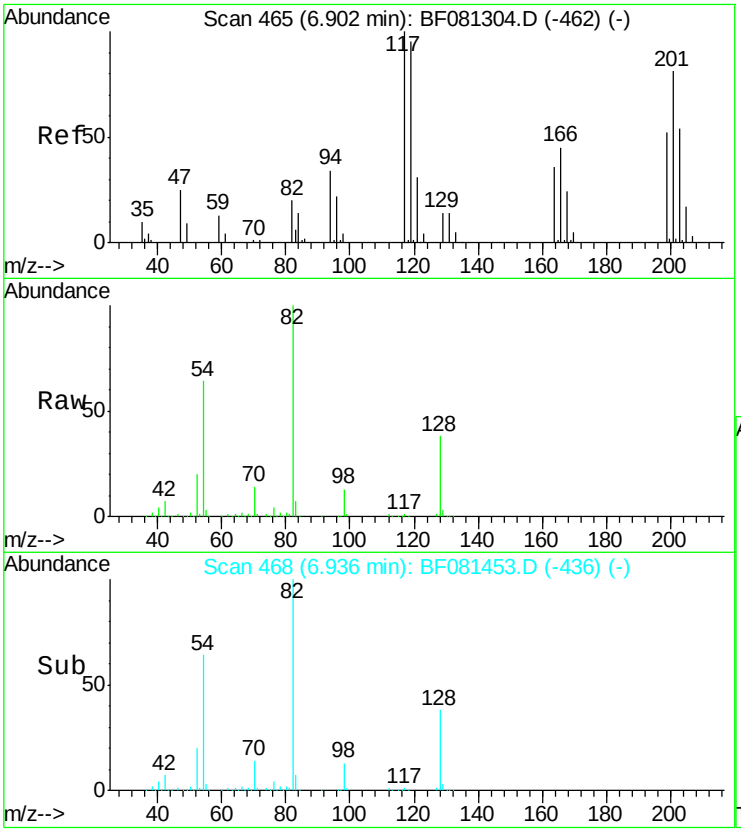


#9
Benzaldehyde
Concen: 3.55 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.23 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion: 77 Resp: 10886

Ion	Ratio	Lower	Upper
77	100		
105	75.1	91.6	131.6#
106	62.4	102.6	142.6#



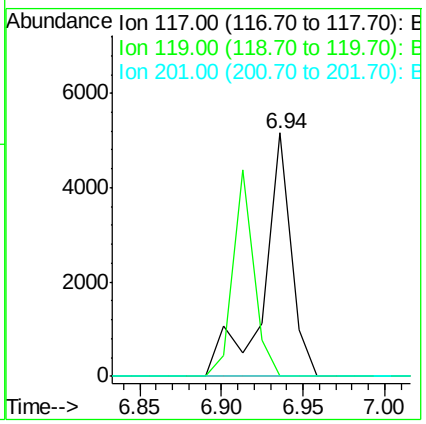


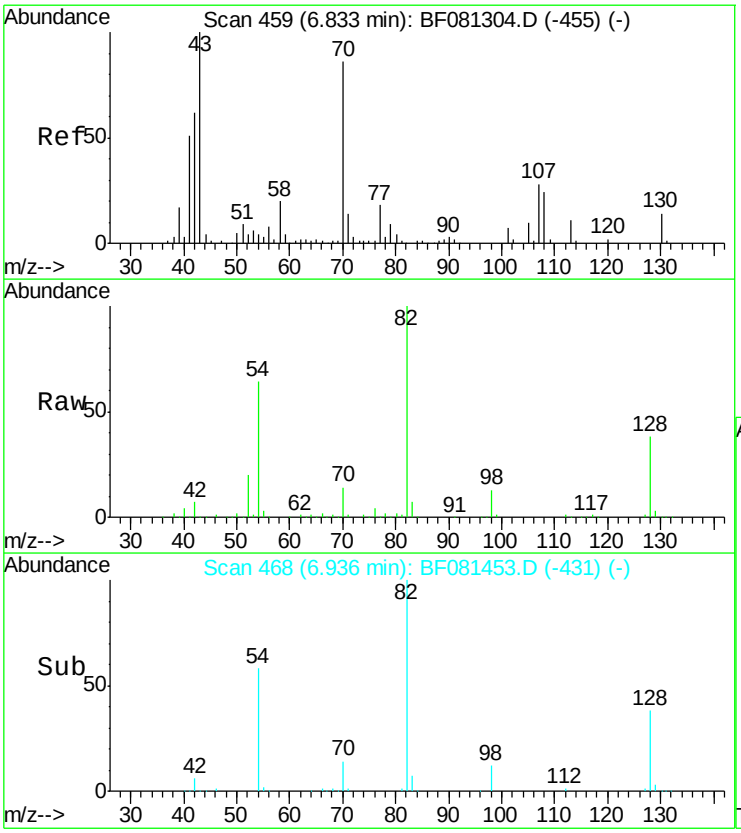
#18
Hexachloroethane
Concen: 3.51 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.07 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 6058

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

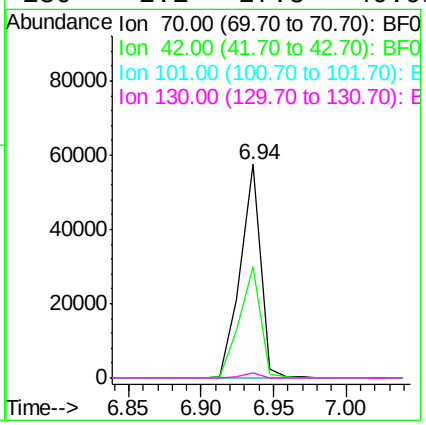


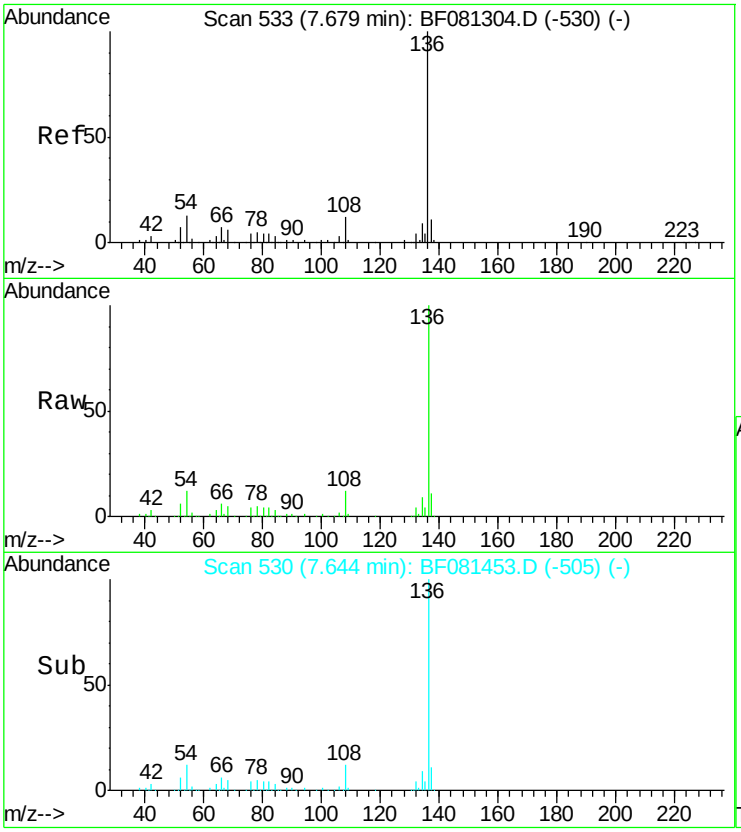


#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion: 70 Resp: 56251

Ion	Ratio	Lower	Upper
70	100		
42	51.9	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



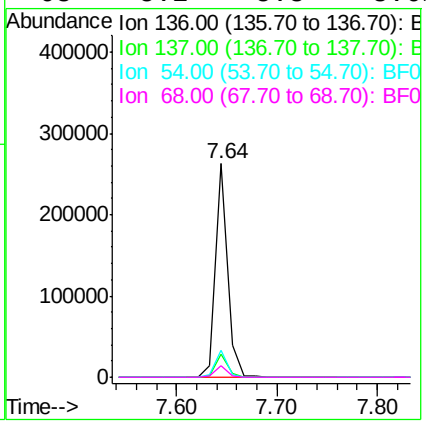


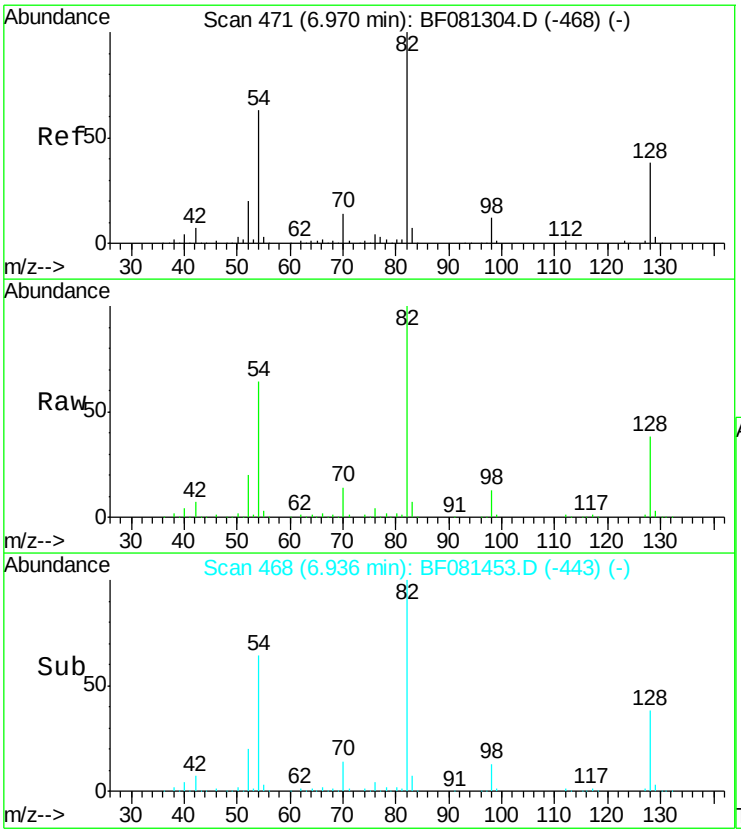
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 220890

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.5	8.2	12.2#
68	5.2	5.8	8.6#

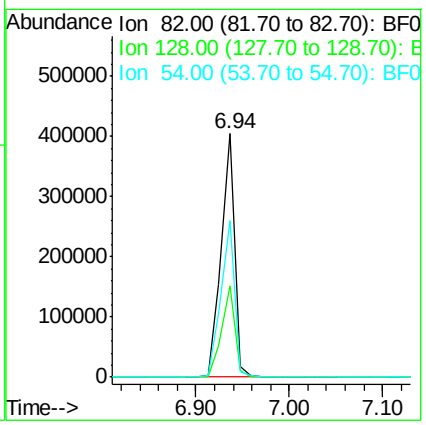


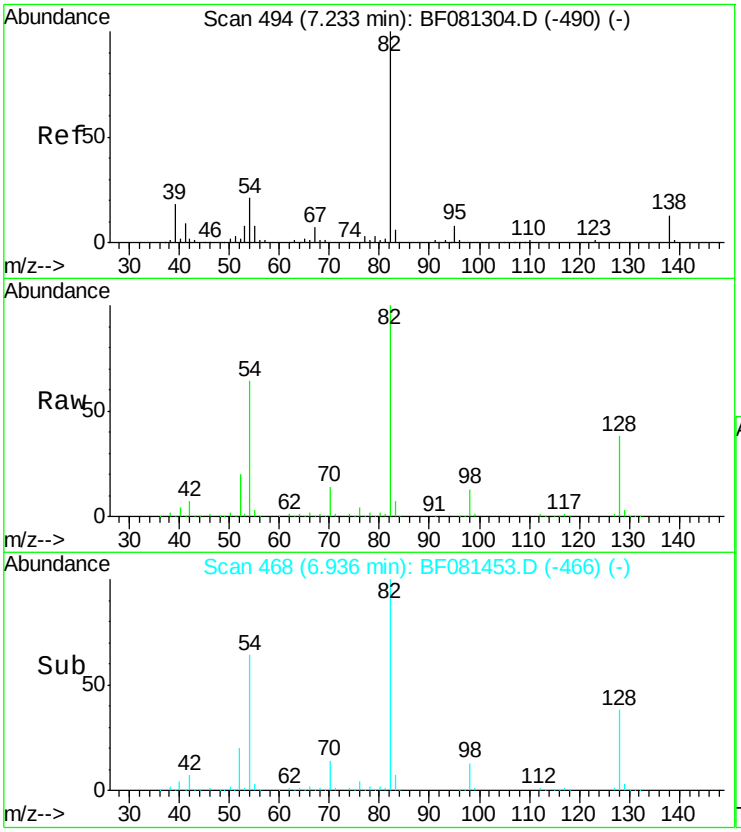


#23
Nitrobenzene-d5
Concen: 87.99 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion: 82 Resp: 402833

Ion	Ratio	Lower	Upper
82	100		
128	37.6	51.0	76.6#
54	64.1	47.5	71.3



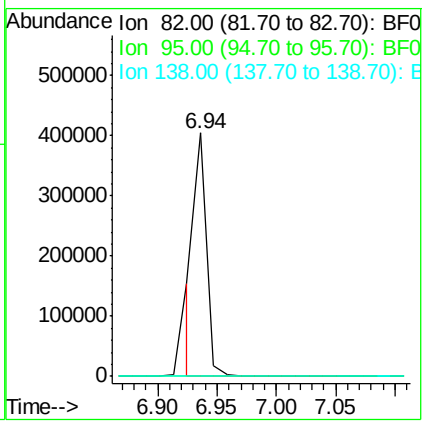


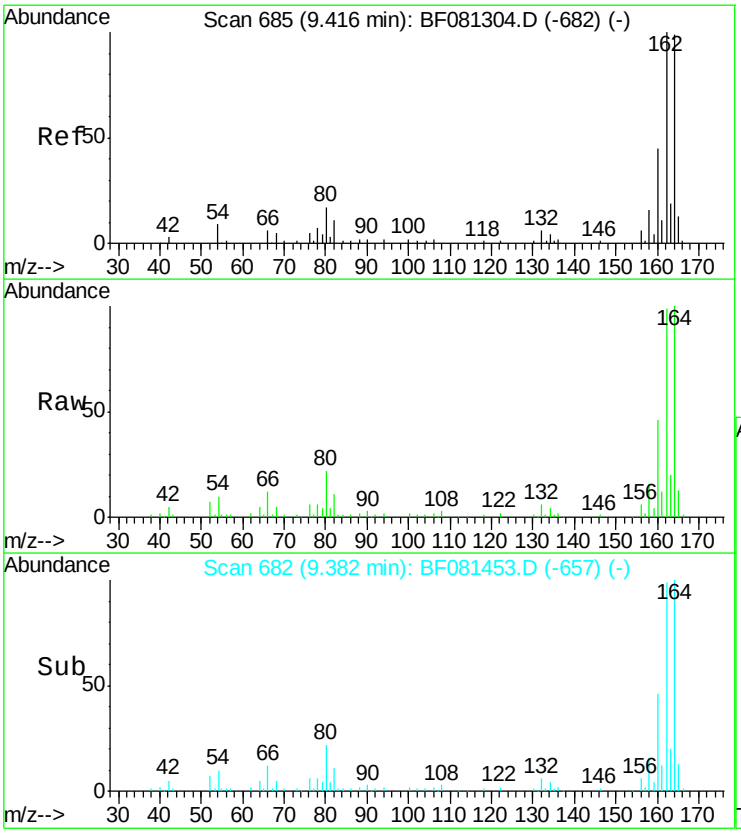
#25
Isophorone
Concen: 34.66 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 295131

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

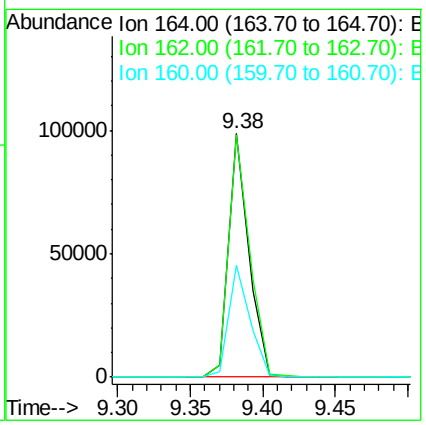


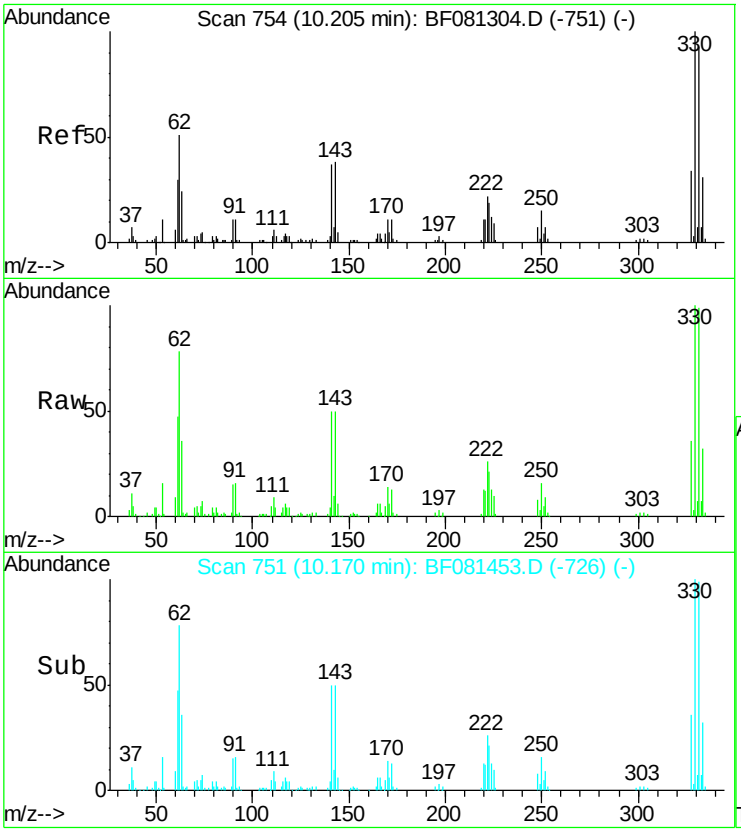


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:164 Resp: 96020

Ion	Ratio	Lower	Upper
164	100		
162	99.4	75.2	112.8
160	45.9	31.5	47.3

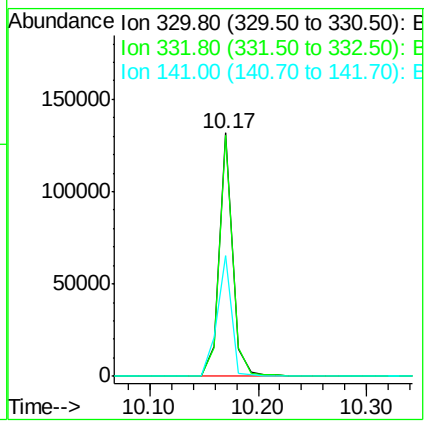




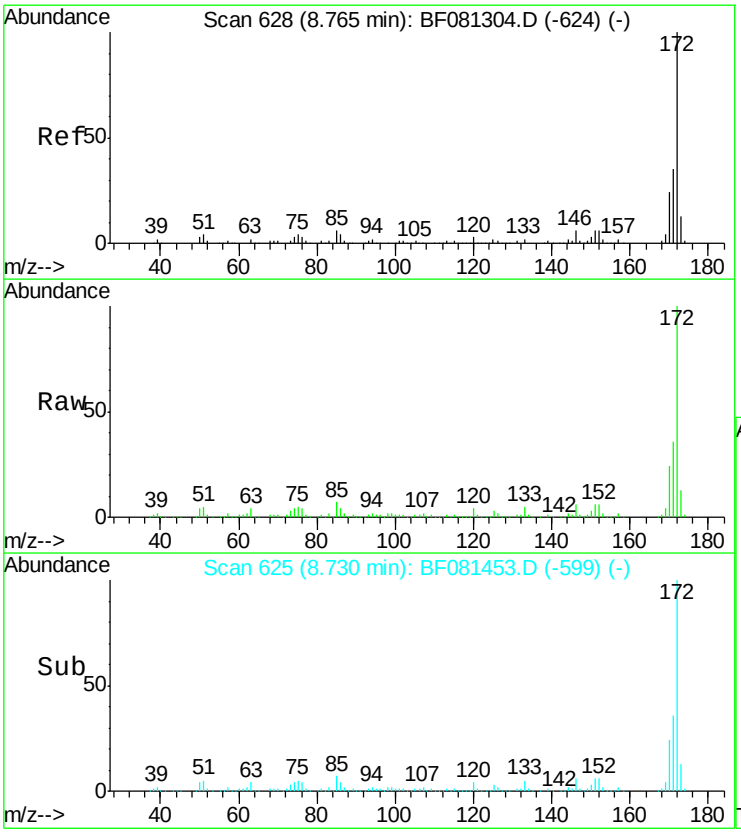
#41
2,4,6-Tribromophenol
Concen: 134.74 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:330 Resp: 115199

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	114.8
141	53.9	29.7	44.5#



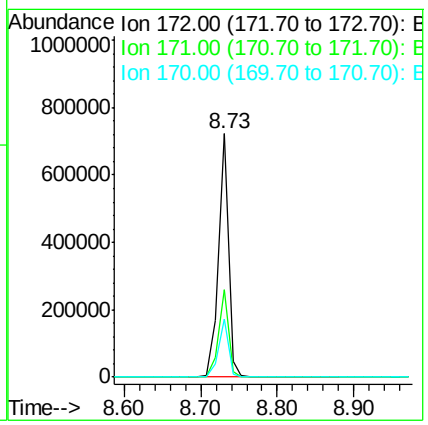
Instrument :
BNA_F
ClientSampleId :

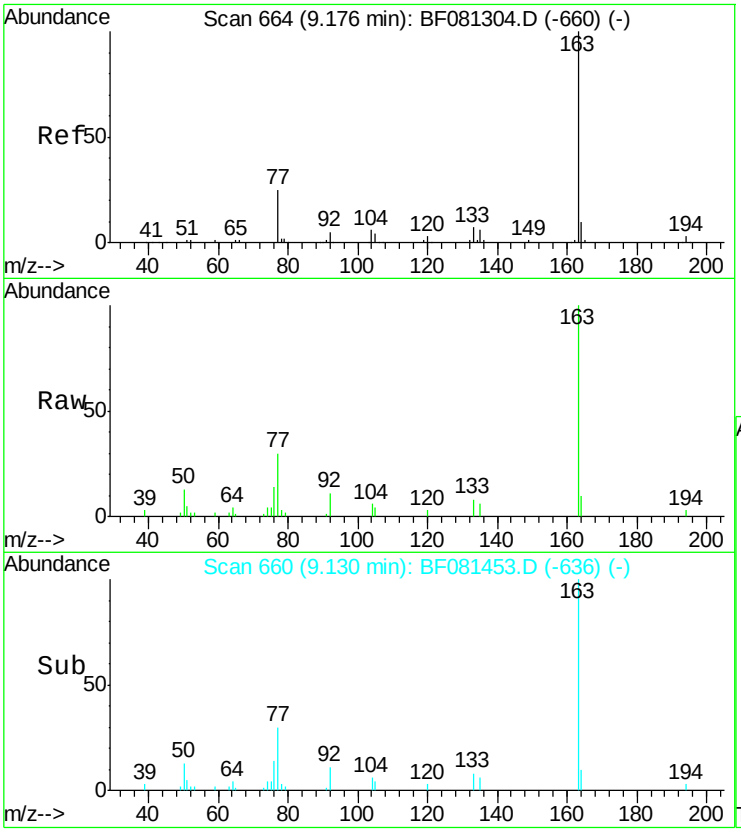


#44
2-Fluorobiphenyl
Concen: 87.38 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:172 Resp: 654702

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.0	17.4	26.2



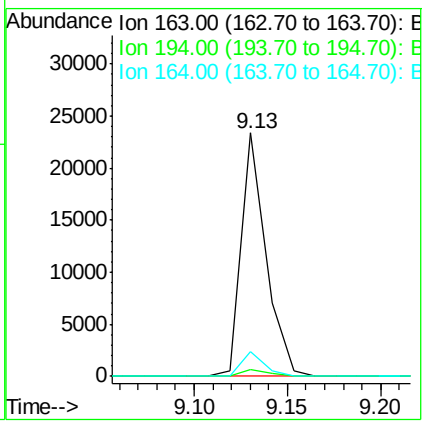


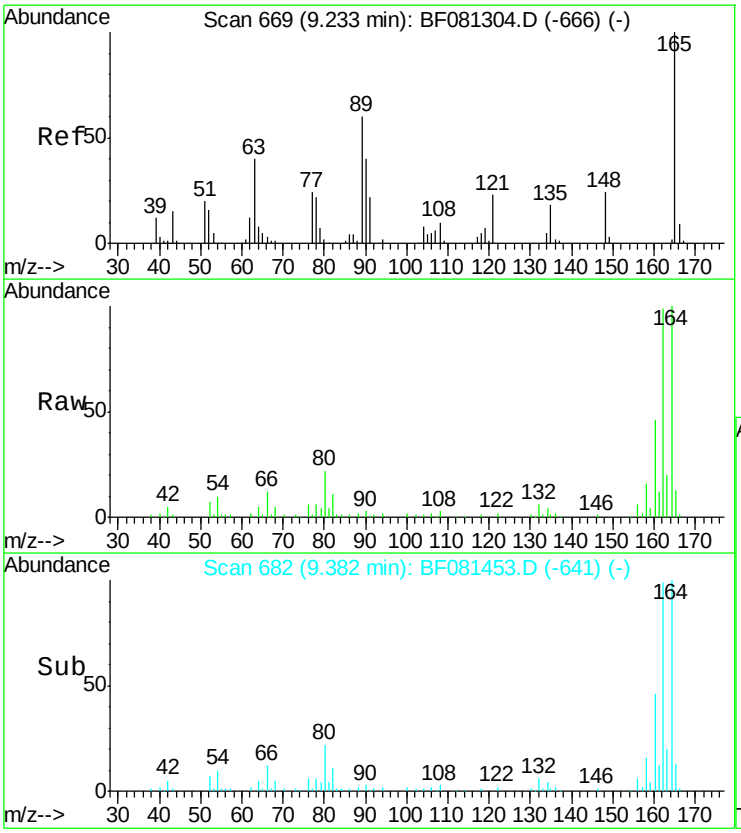
#49
Dimethylphthalate
Concen: 2.90 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 21635

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.0	8.3	12.5

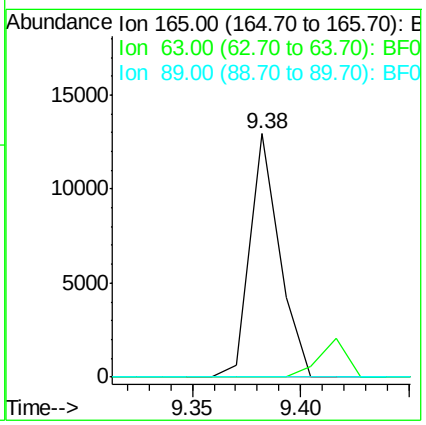


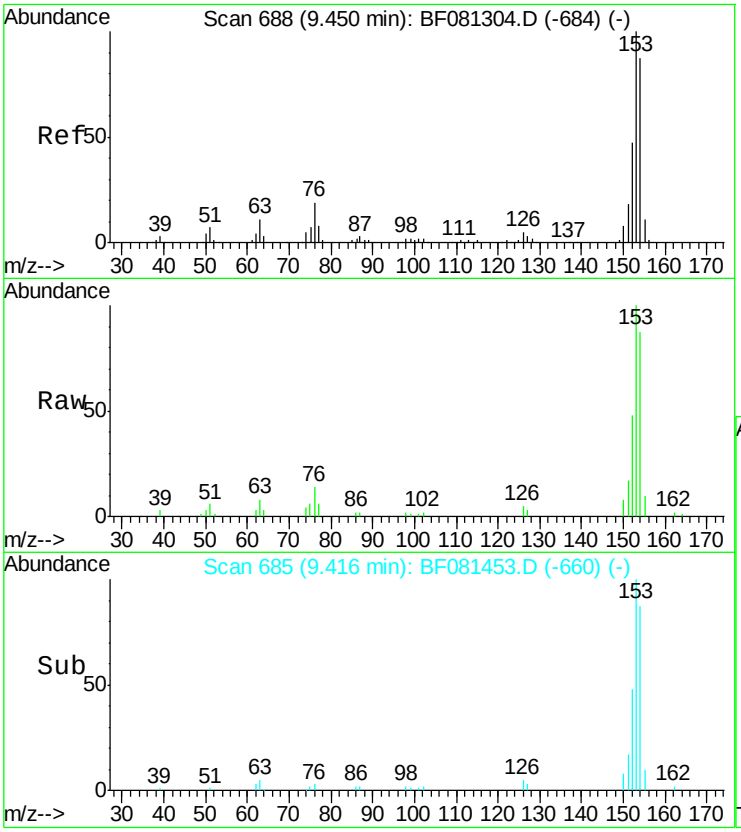


#50
2,6-Dinitrotoluene
Concen: 7.23 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:165 Resp: 12248

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



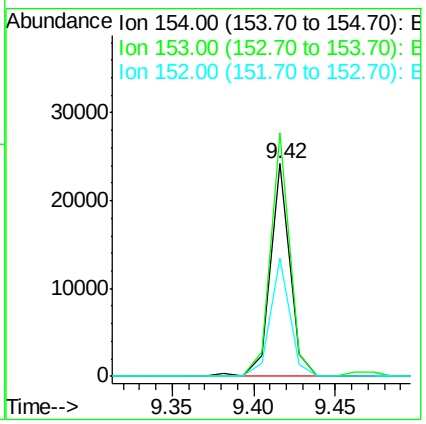


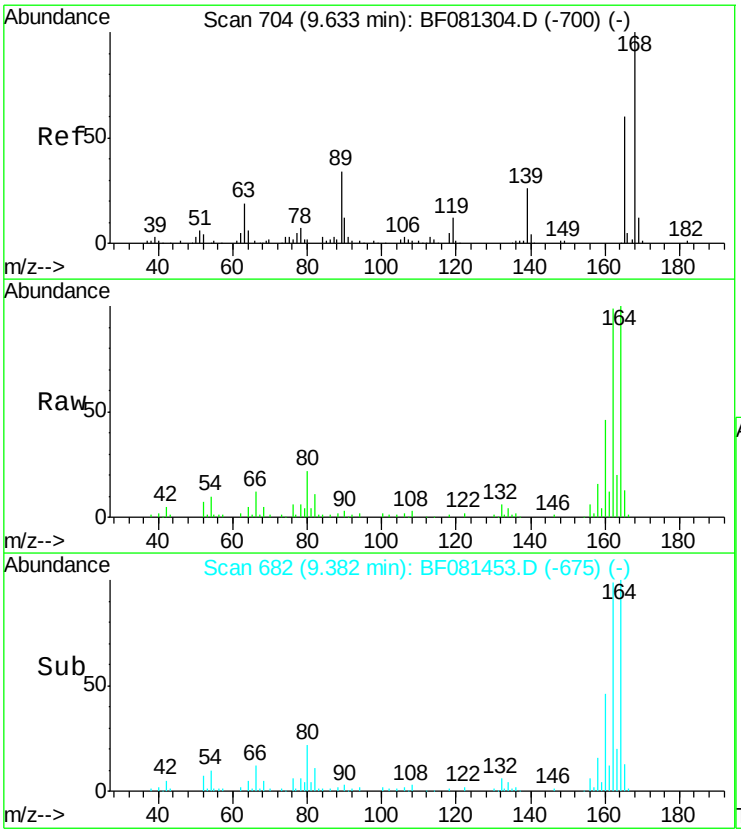
#51
Acenaphthene
Concen: 3.14 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 20239

Ion	Ratio	Lower	Upper
154	100		
153	114.7	82.1	123.1
152	55.5	37.9	56.9

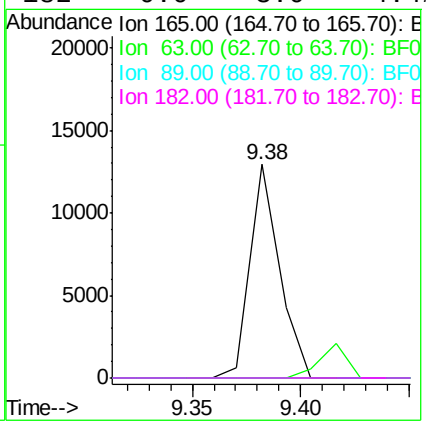


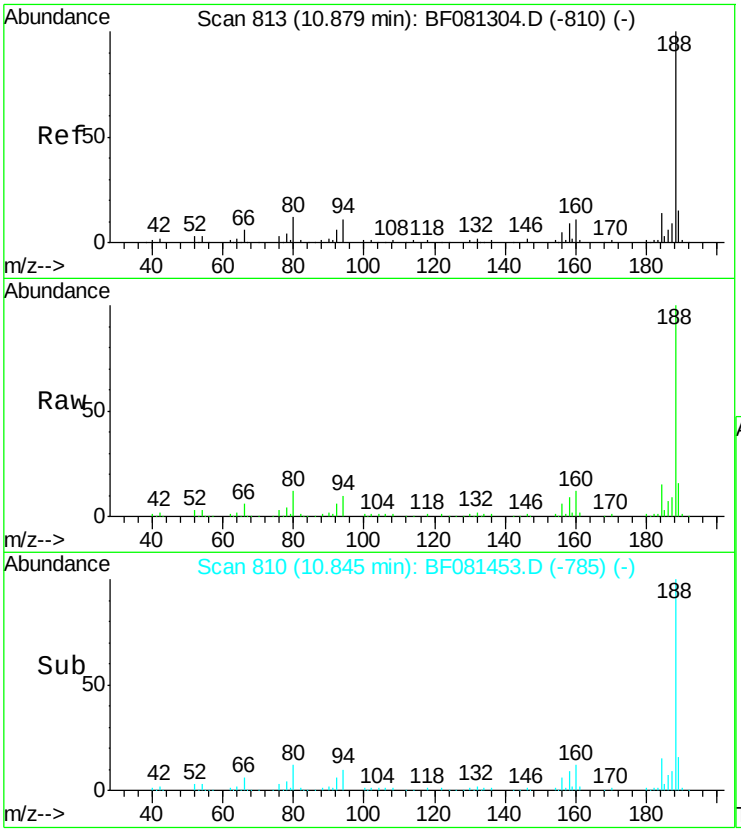


#56
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:165 Resp: 12248

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



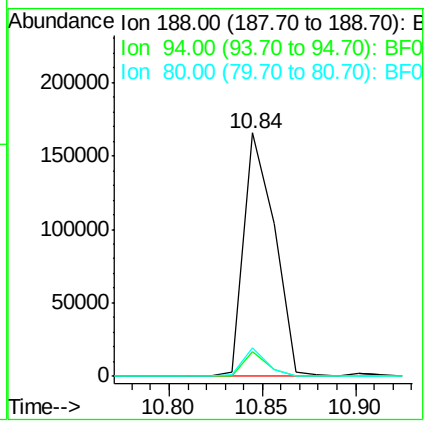


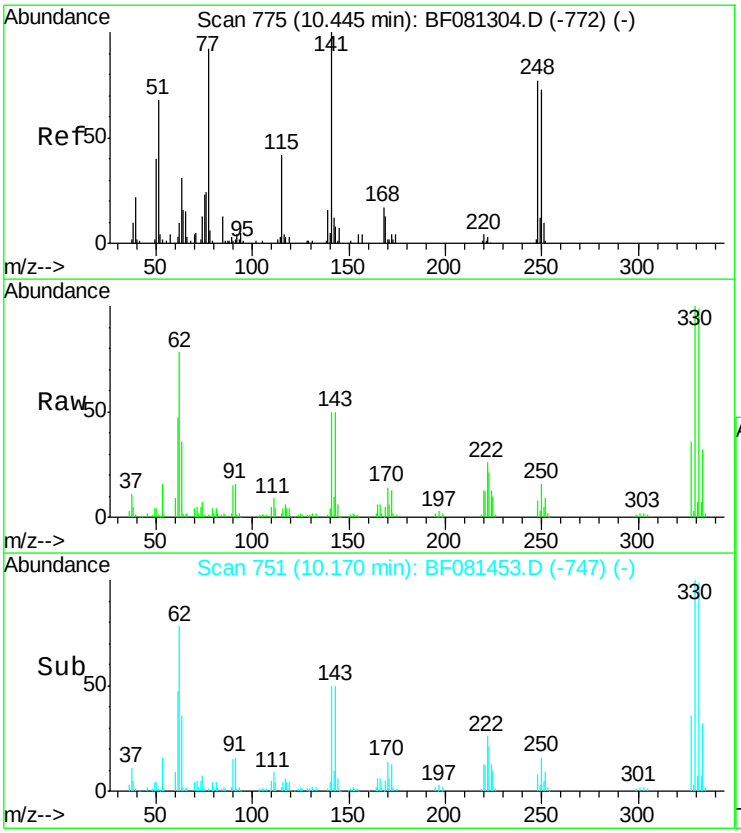
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 190462

Ion	Ratio	Lower	Upper
188	100		
94	10.3	11.1	16.7#
80	11.9	11.0	16.4

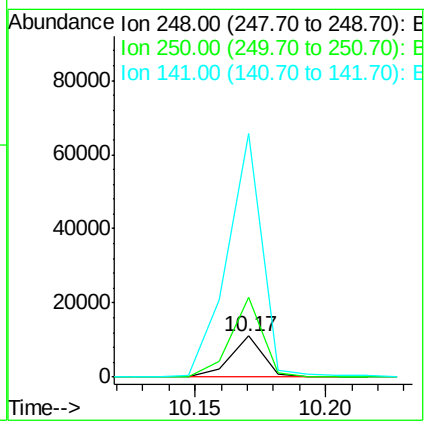


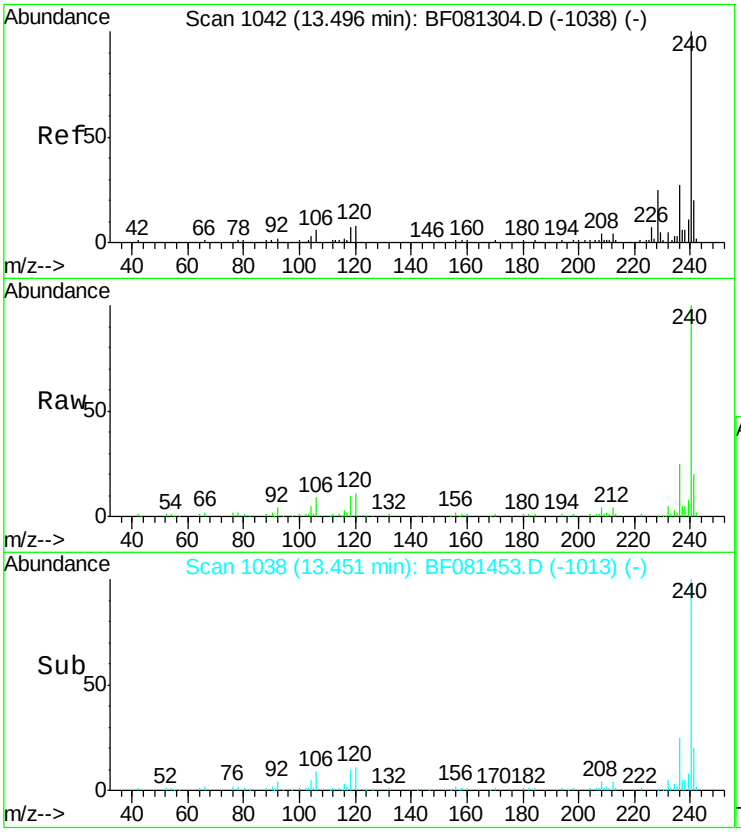


#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:248 Resp: 9428

Ion	Ratio	Lower	Upper
248	100		
250	194.5	78.5	117.7#
141	597.2	59.0	88.6#



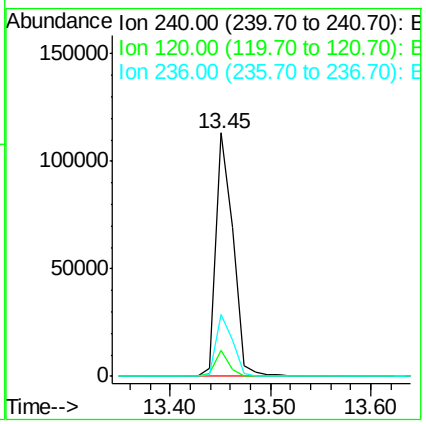


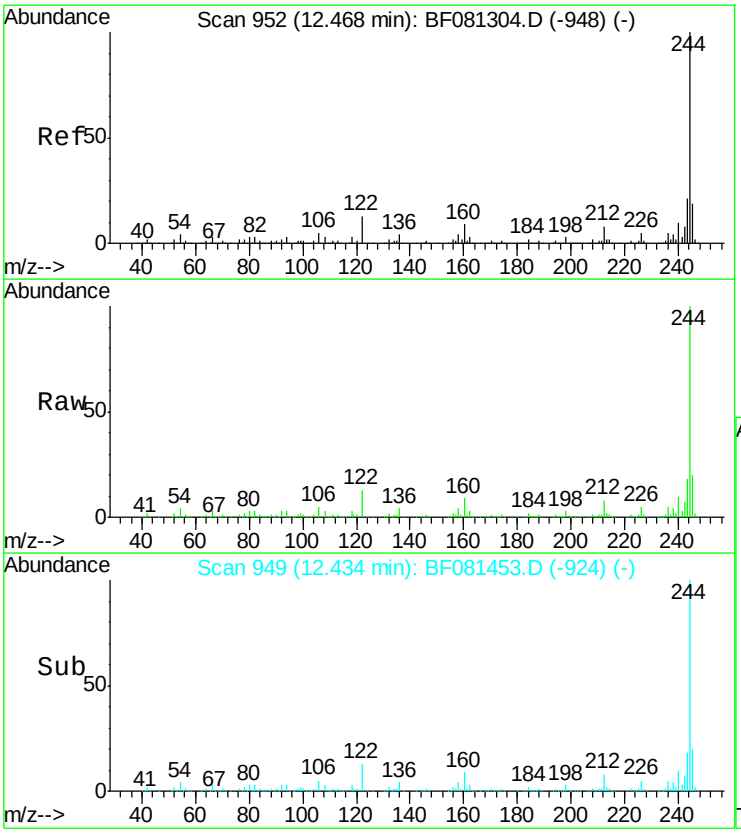
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 134658

Ion	Ratio	Lower	Upper
240	100		
120	10.9	16.2	24.2#
236	25.3	18.4	27.6

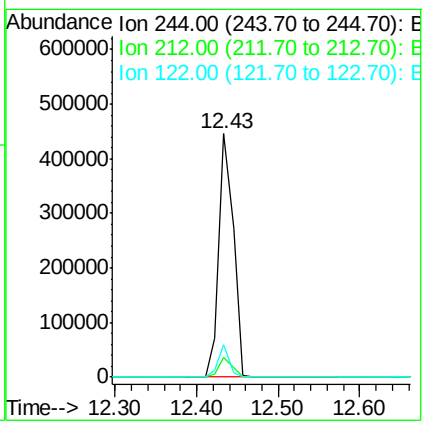


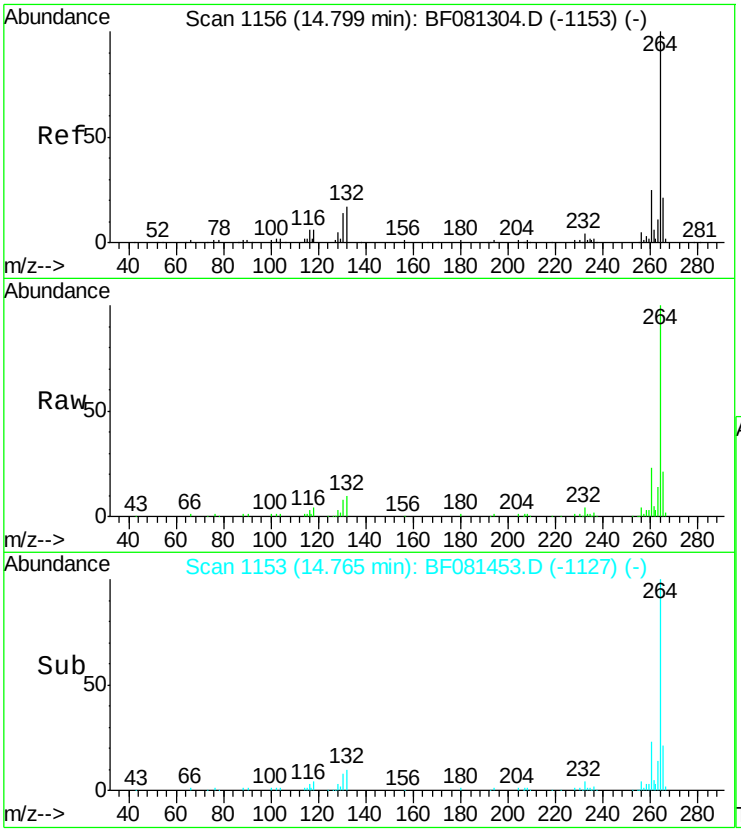


#78
Terphenyl-d14
Concen: 94.93 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Tgt Ion:244 Resp: 549146

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	13.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081453.D
Acq: 5 Sep 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 102054

Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.1	17.2	25.8