Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF042716\
Data File : BF086468.D
Acq On : 28 Apr 2016 12:20
Operator : UM/SJ
Sample : H2660-02DL2 1000X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10DL

Quant Time: Apr 28 14:09:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97659	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	436190	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	153973	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	280994	20.00	ng	0.00
75) Chrysene-d12	13.95	240	307248	20.00	ng	-0.01
86) Perylene-d12	15.37	264	211434	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.91	244	242	0.02	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.84	165	19105	7.98	ng	# 18
56) 2,4-Dinitrotoluene	9.84	165	19106	6.26	ng	# 14
57) Fluorene	10.50	166	32489	3.05	ng	# 1
62) Azobenzene	10.50	77	84914	7.06	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	603322	68.70	ng	100
72) Carbazole	11.56	167	72343	5.19	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF042716\
Data File : BF086468.D
Acq On : 28 Apr 2016 12:20
Operator : UM/SJ
Sample : H2660-02DL2 1000X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Quant Time: Apr 28 14:09:15 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
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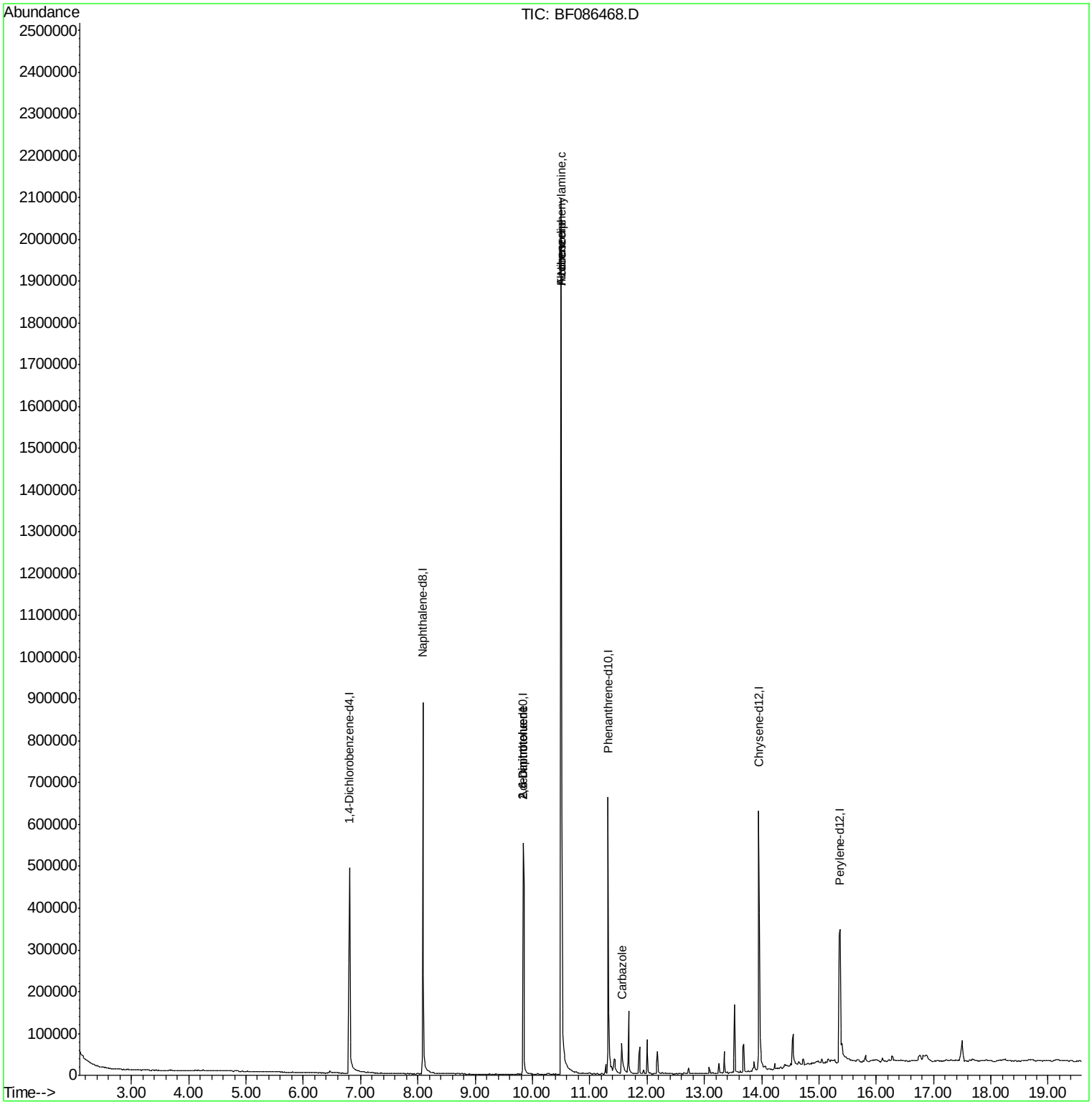
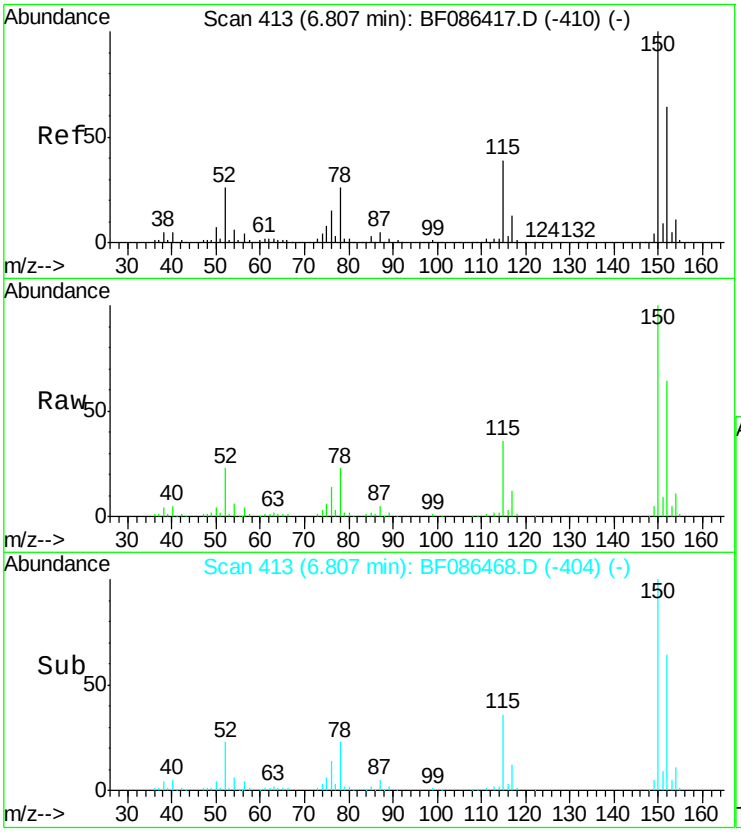


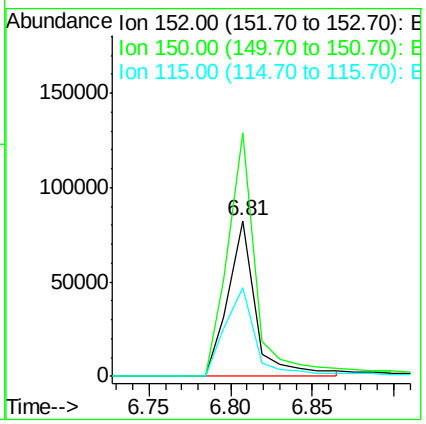


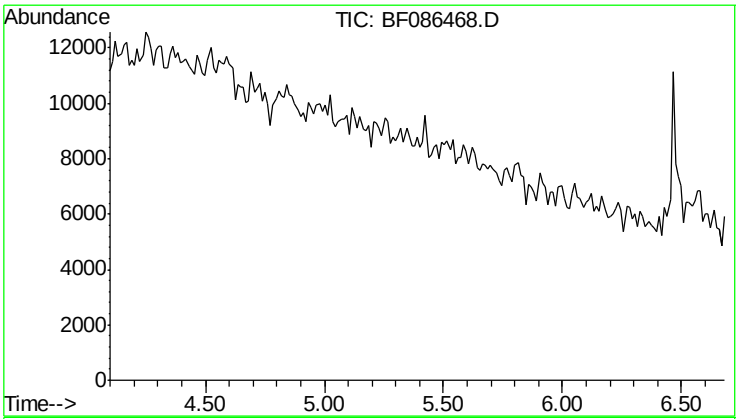
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:152 Resp: 97659

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.6
115	56.9	51.5	77.3



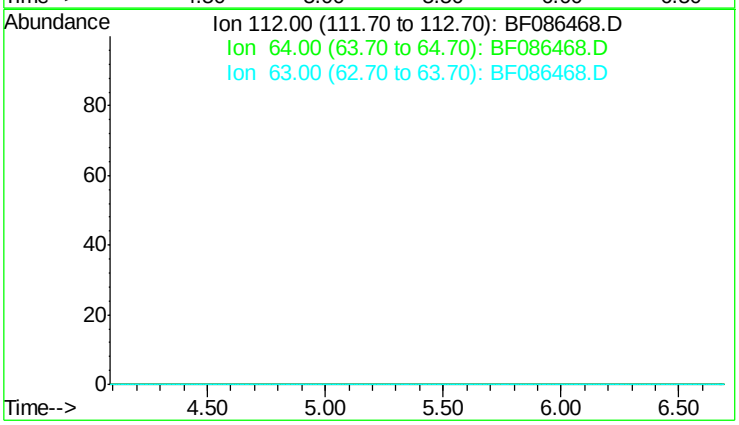


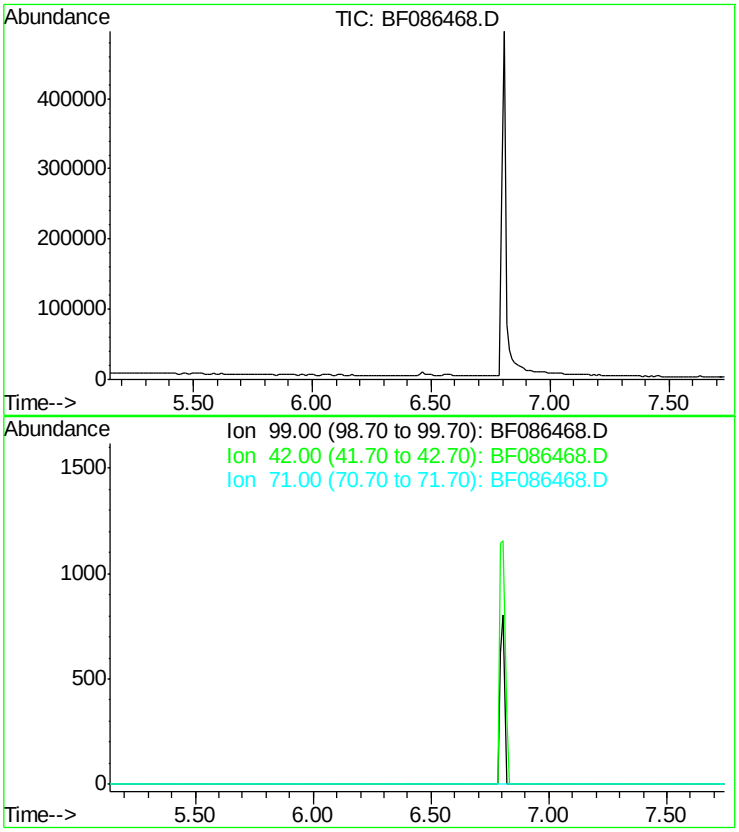
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.39 min

Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	65.1
63	32.1





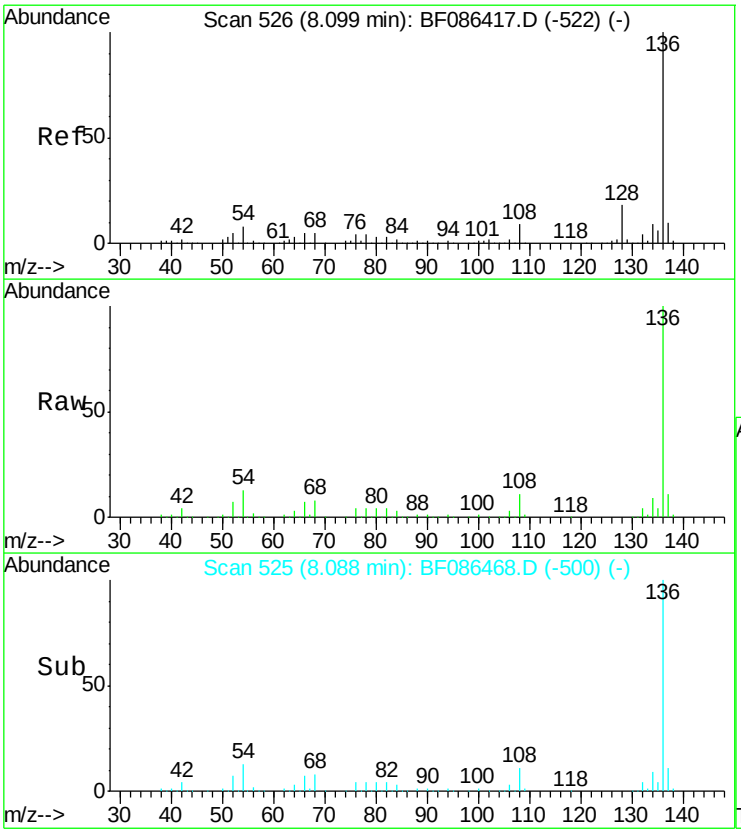
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.44 min

Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	17.0
71	30.7

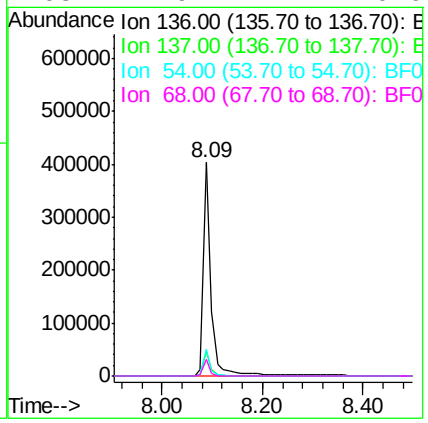
Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

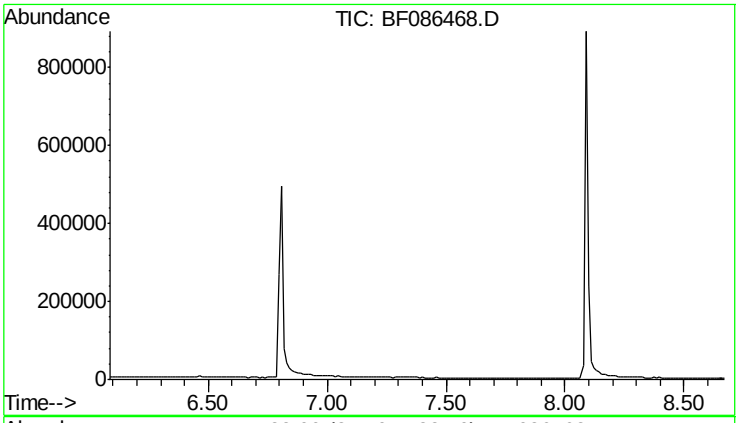


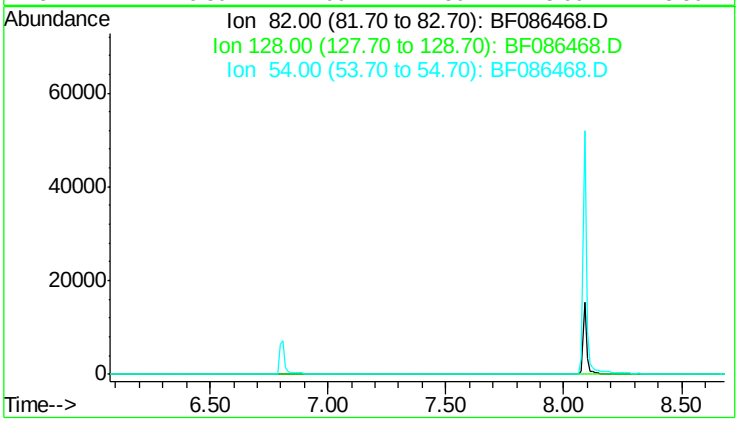
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:136 Resp: 436190

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.9	5.0	7.4#
68	7.9	4.4	6.6#







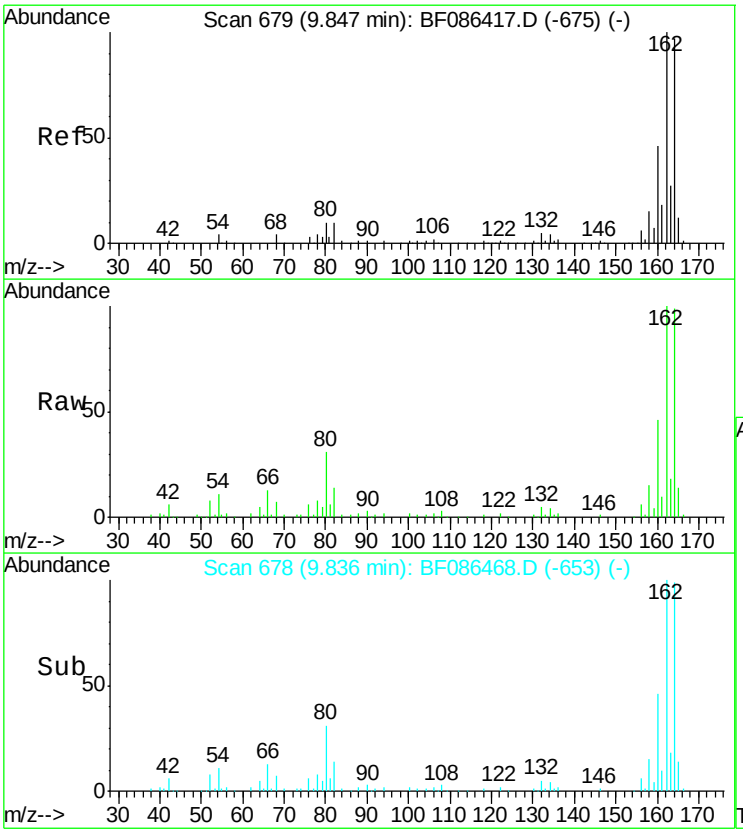
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.38 min

Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	50.8
54	47.6

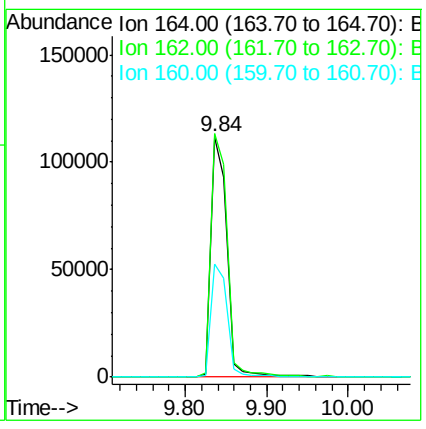
Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

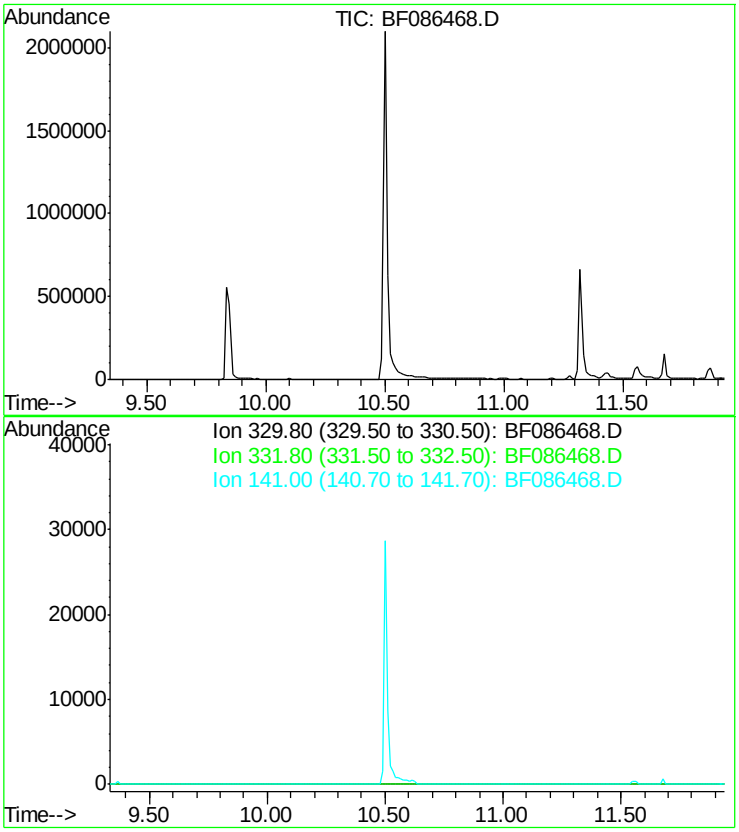


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:164 Resp: 153973

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	47.0	36.9	55.3





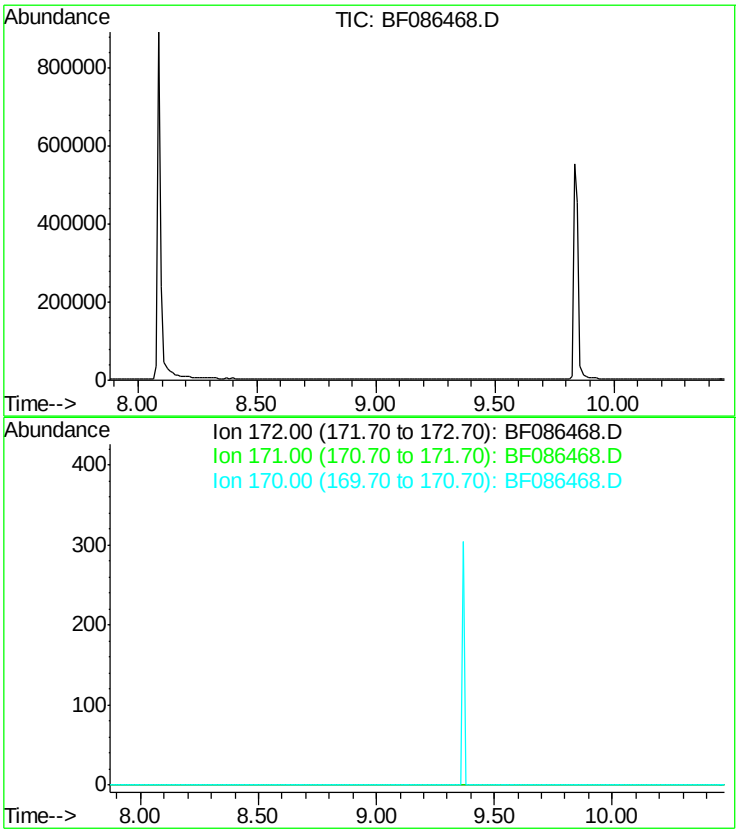
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.64 min

Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.7
141	39.0

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

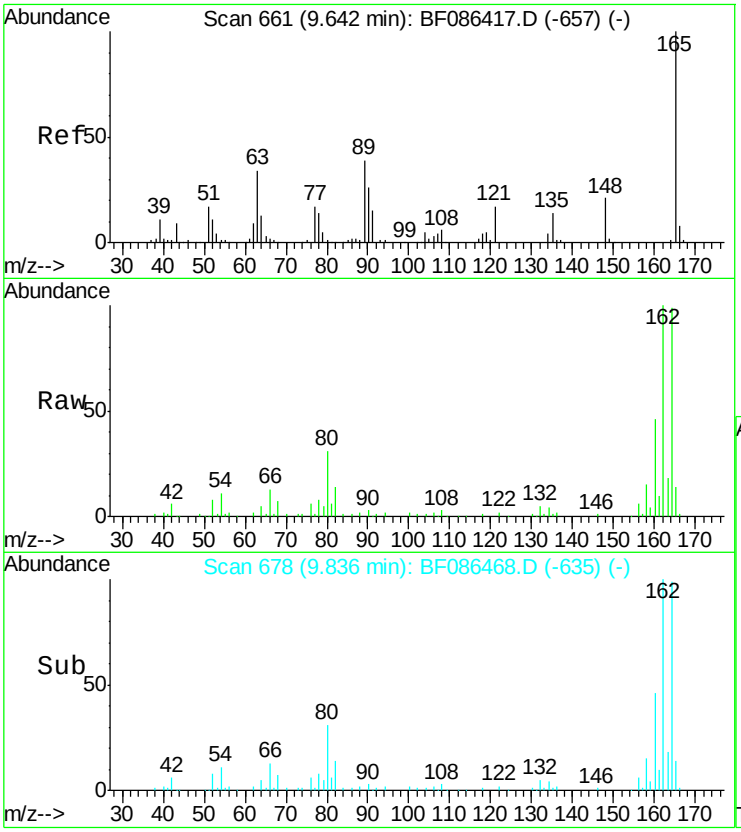


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.17 min

Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.3
170	24.8

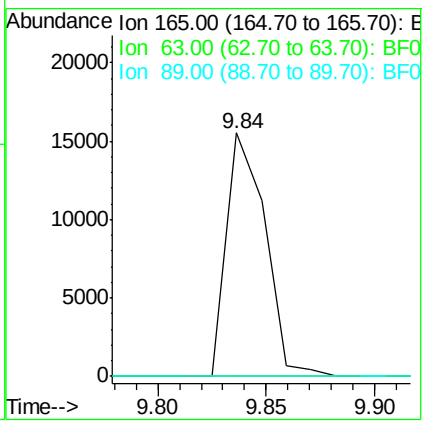


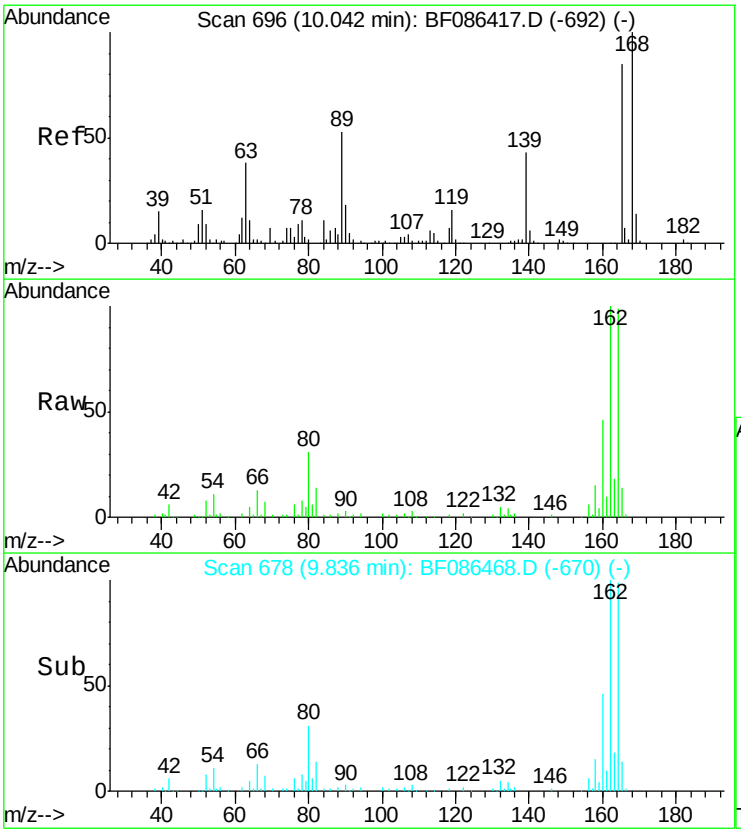
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.19 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:165 Resp: 19105

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	0.0	50.7	76.1#

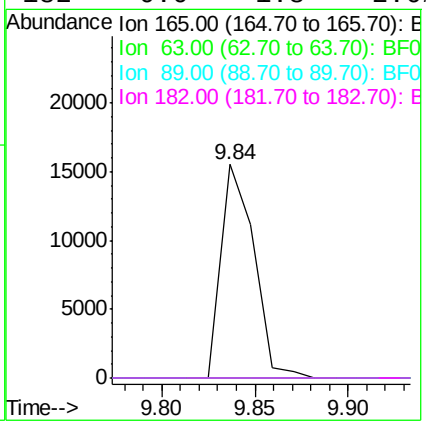


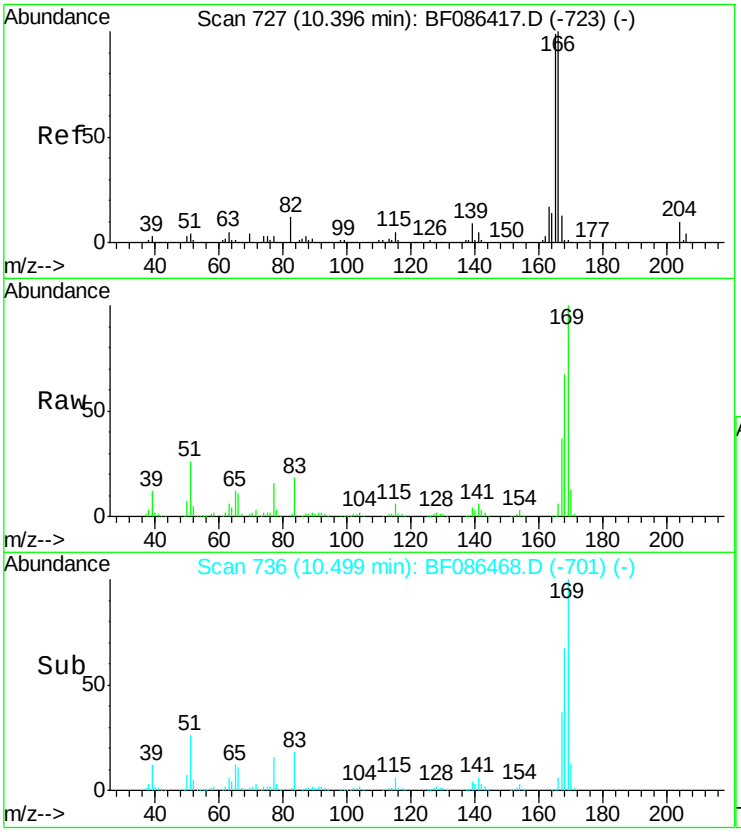


#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.21 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:165 Resp: 19106

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.3	66.5#
89	0.0	70.0	105.0#
182	0.0	1.8	2.6#



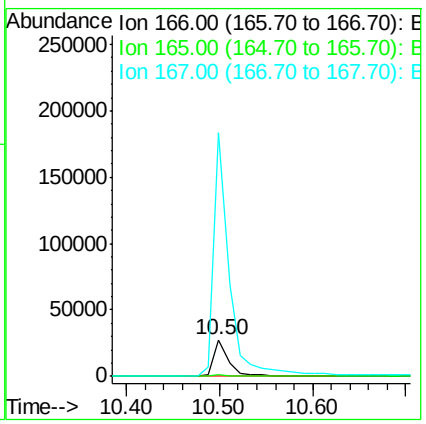


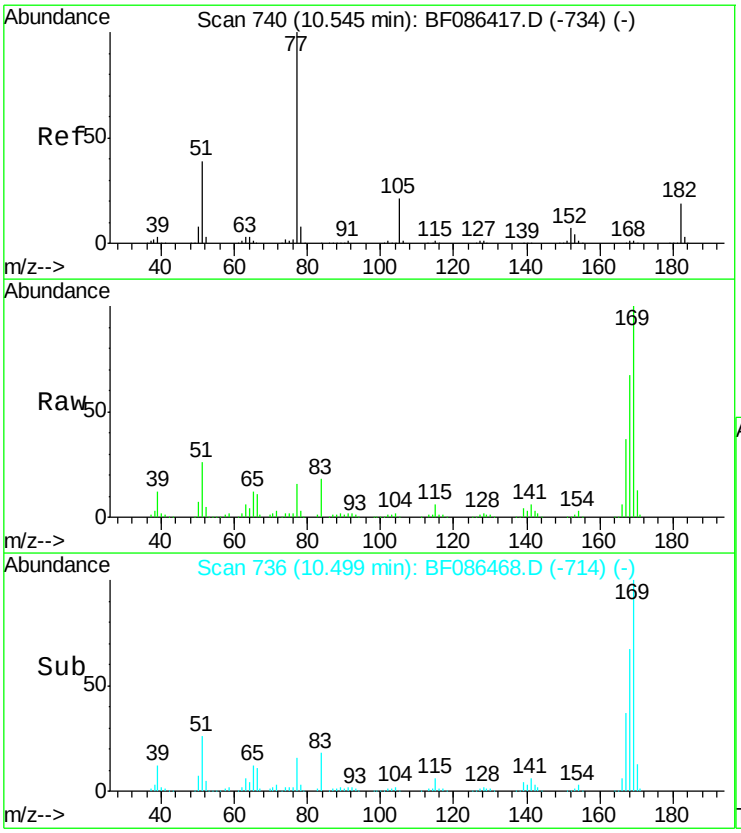
#57
Fluorene
Concen: 3.05 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.10 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:166 Resp: 32489

Ion	Ratio	Lower	Upper
166	100		
165	5.0	79.0	118.6#
167	660.2	10.6	15.8#

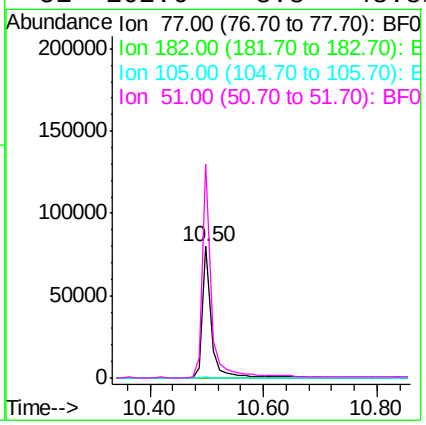


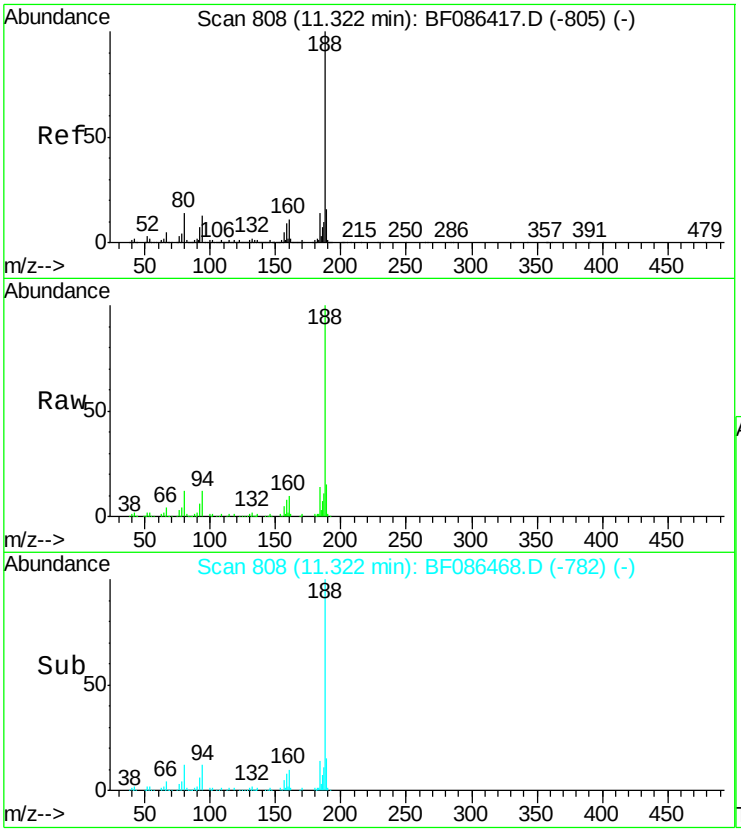


#62
Azobenzene
Concen: 7.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion: 77 Resp: 84914

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	38.8
105	1.1	3.2	43.2#
51	162.6	8.8	48.8#



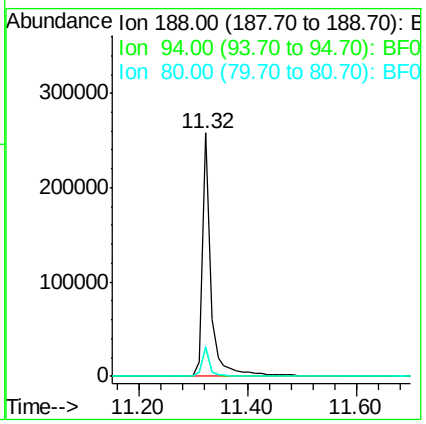


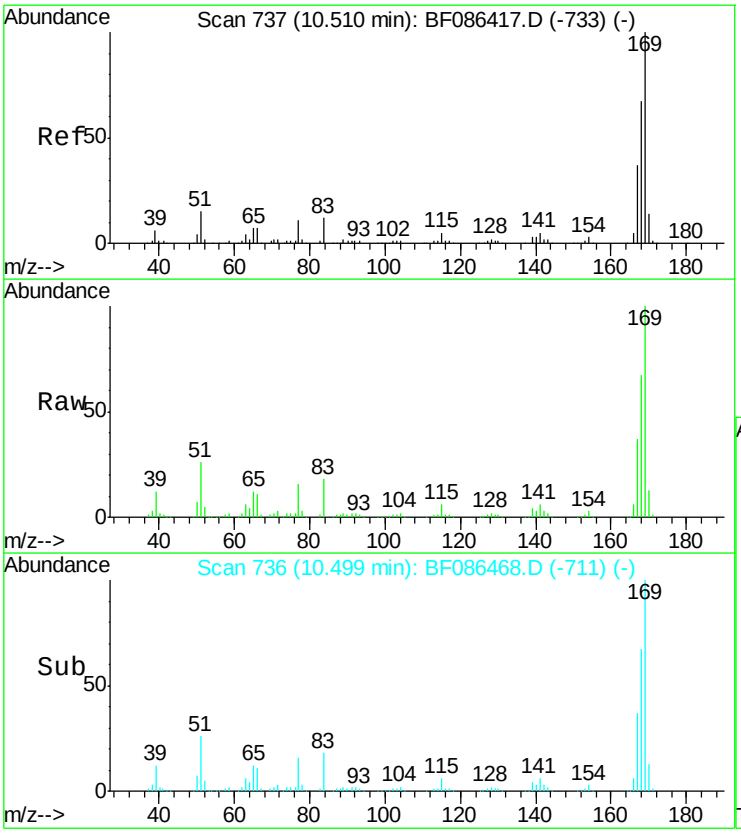
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:188 Resp: 280994

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.8	10.2#
80	12.3	7.1	10.7#

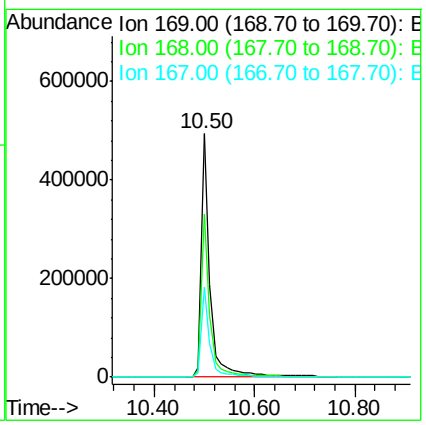


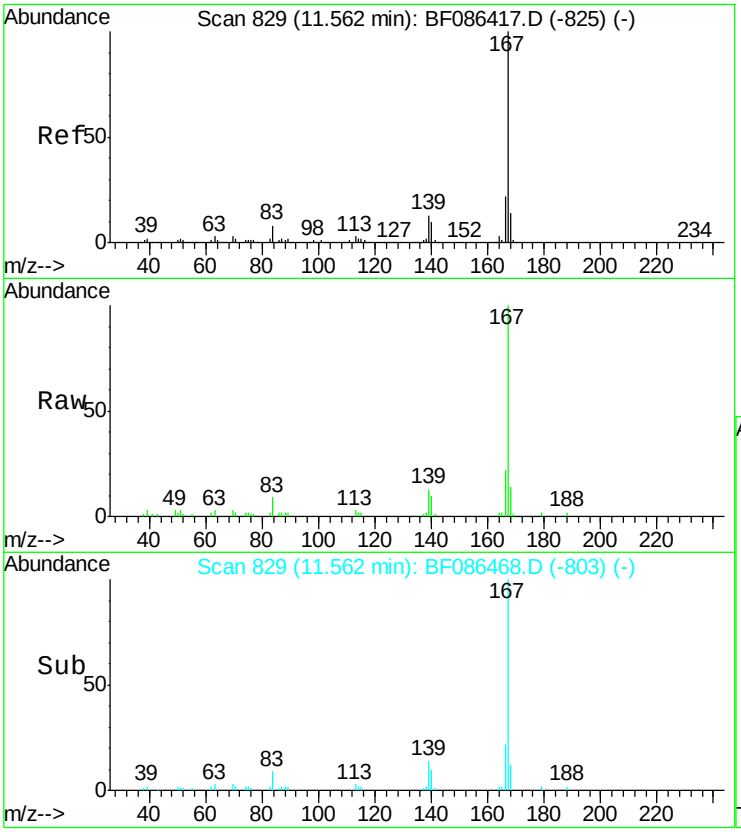


#65
n-Nitrosodiphenylamine
Concen: 68.70 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:169 Resp: 603322

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.6
167	37.1	29.5	44.3



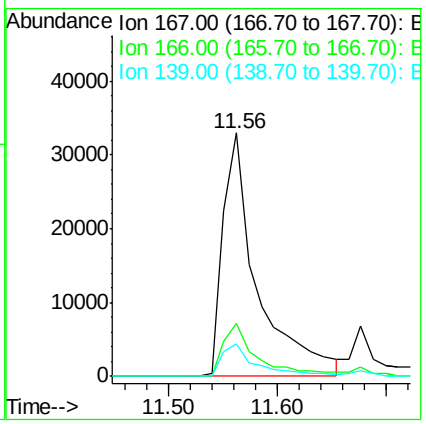


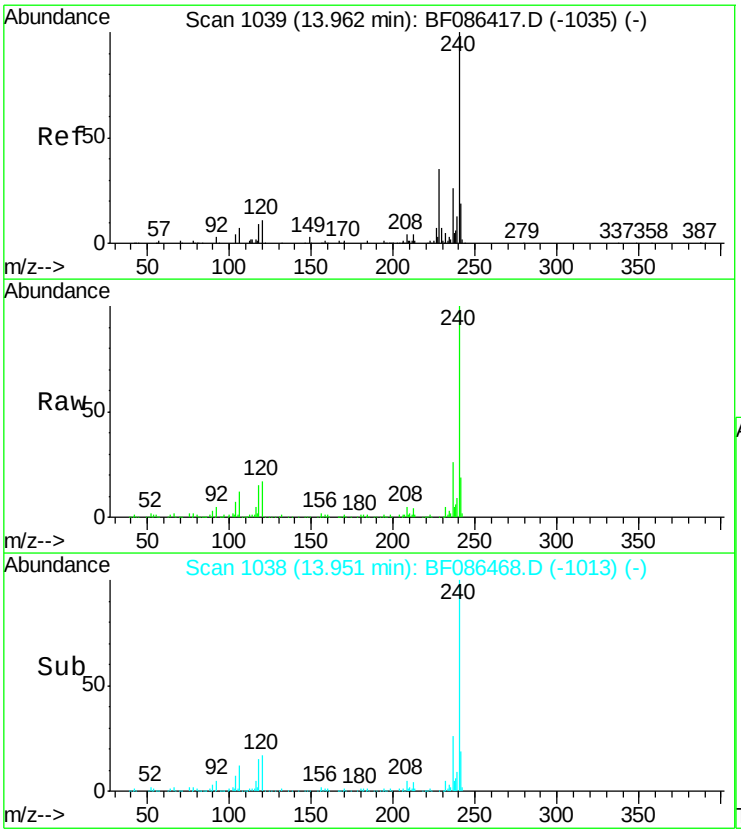
#72
Carbazole
Concen: 5.19 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:167 Resp: 72343

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	13.5	10.8	16.2

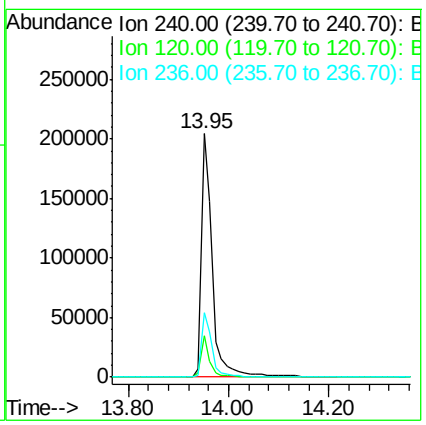


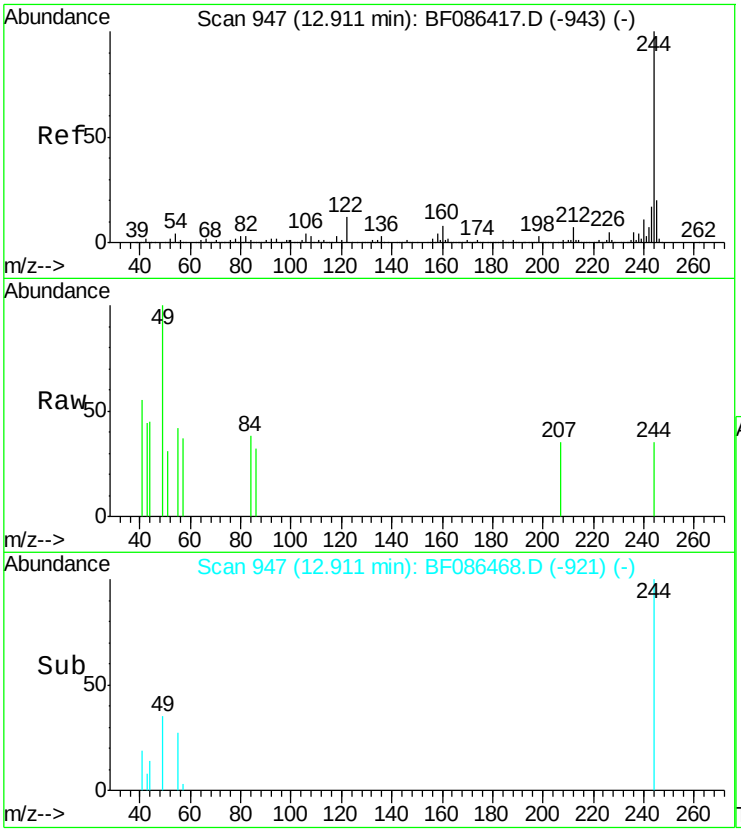


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:240 Resp: 307248

Ion	Ratio	Lower	Upper
240	100		
120	16.9	11.2	16.8#
236	26.3	21.2	31.8



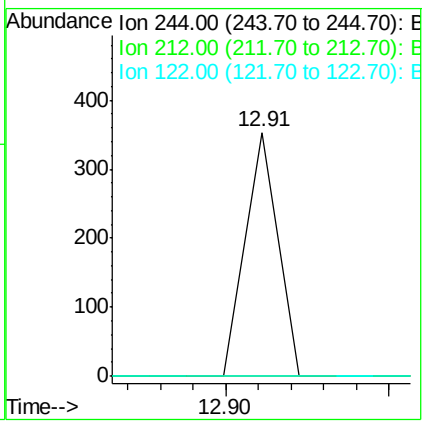


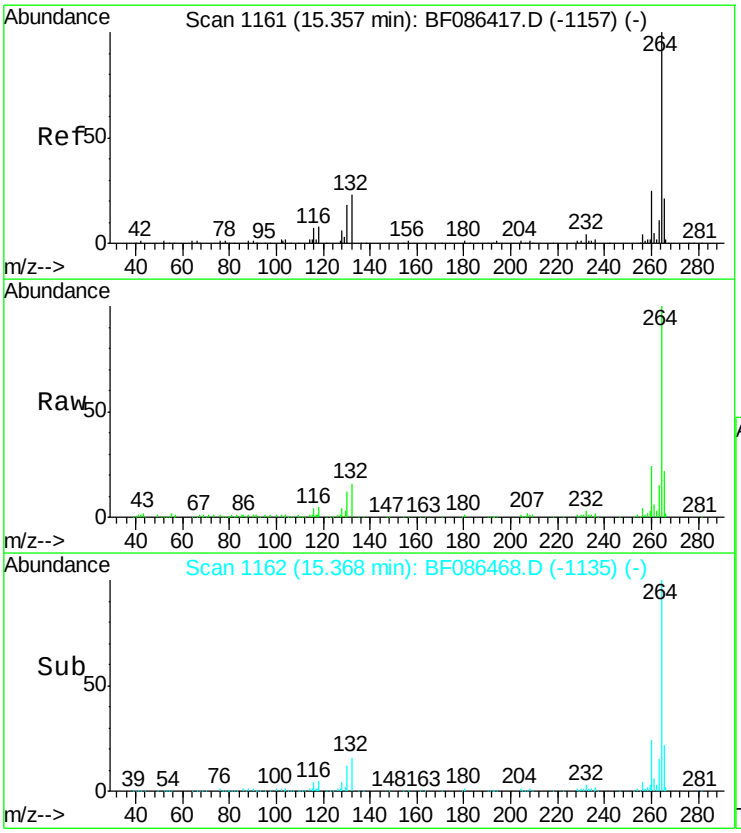
#78
Terphenyl-d14
Concen: 0.02 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Instrument :
BNA_F
ClientSampleId :
DPA2-PRE-B10DL

Tgt Ion:244 Resp: 242

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.2	9.2#
122	0.0	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086468.D
Acq: 28 Apr 2016 12:20

Tgt Ion:264 Resp: 211434

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.3	25.9