Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091090.D
Acq On : 8 Nov 2016 19:01
Operator : UM/SJ
Sample : H5581-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW25

Quant Time: Nov 09 00:44:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174440	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	744830	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	385373	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	662060	20.00	ng	0.00
75) Chrysene-d12	13.80	240	483137	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	736459	69.73	ng	0.01
7) Phenol-d6	6.30	99	596949	41.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1298483	95.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	505580	145.11	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2044727	91.35	ng	-0.01
78) Terphenyl-d14	12.76	244	2078741	107.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	32198	4.05	ng	87
15) Benzyl Alcohol	6.82	79	23935	2.37	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	183563	18.48	ng	# 79
25) Isophorone	7.23	82	1059186	40.26	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	48498	8.96	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	48731	7.07	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	35571	5.17	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
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Acq On : 8 Nov 2016 19:01
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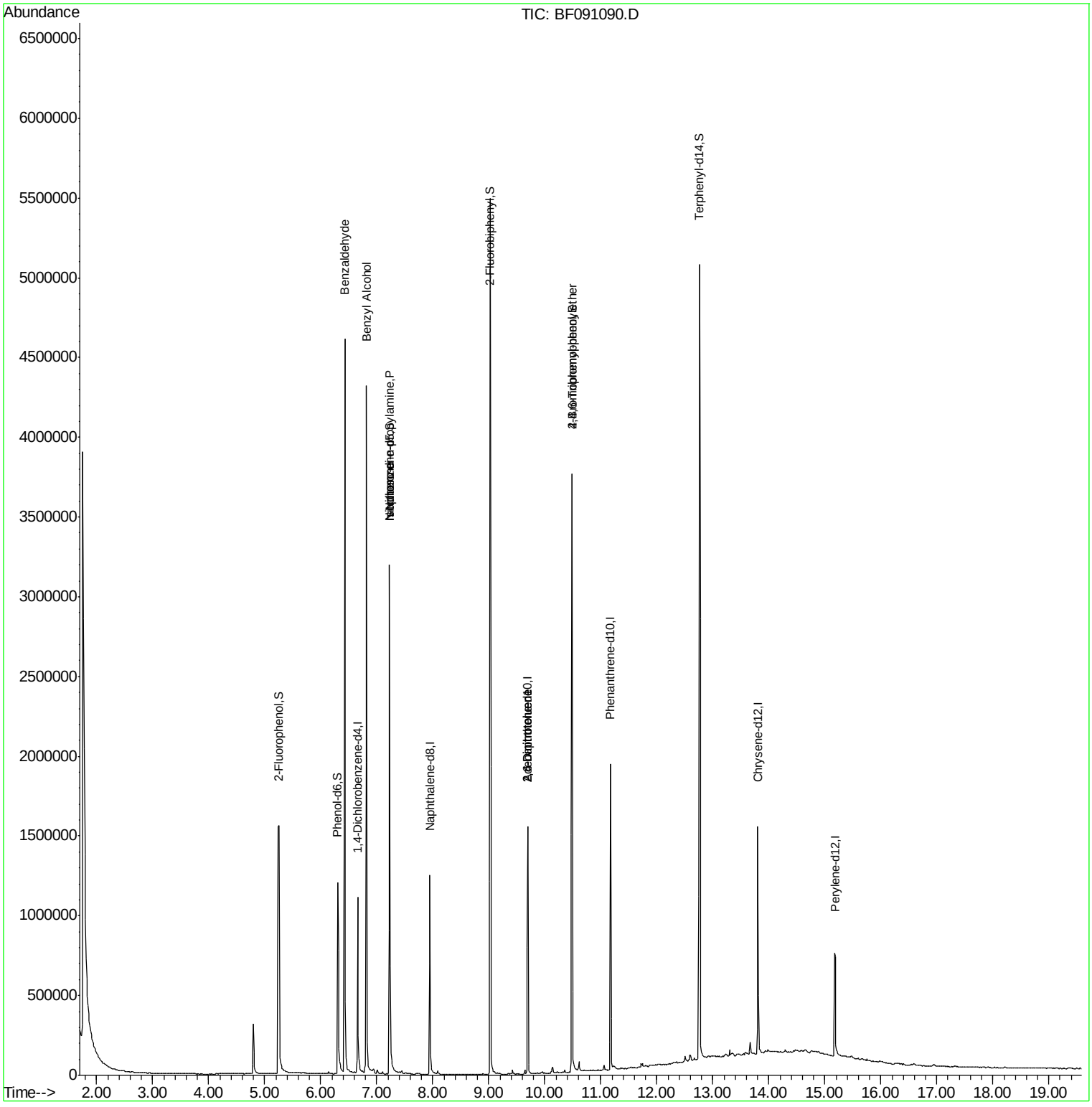
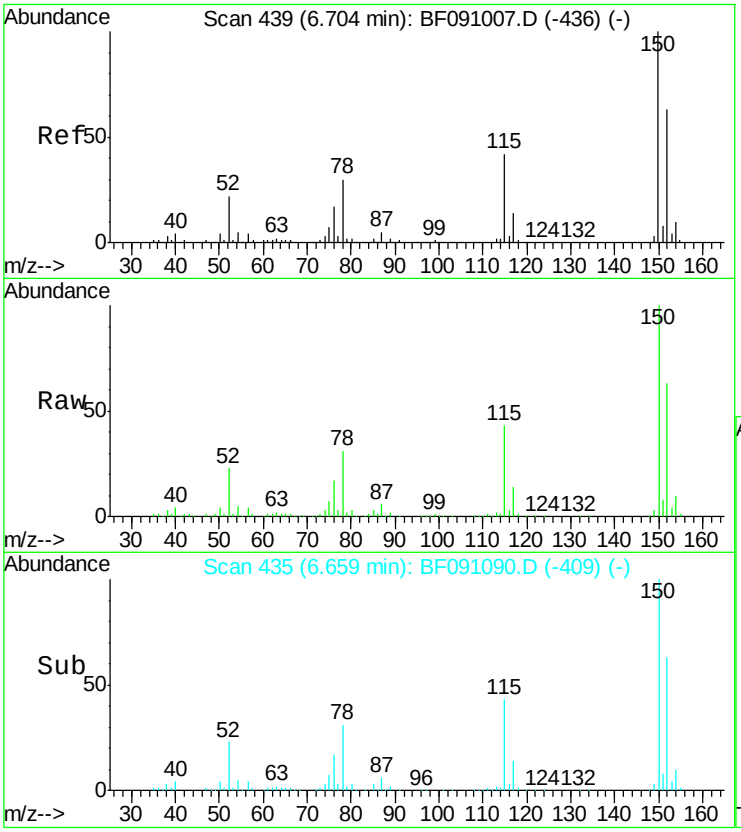


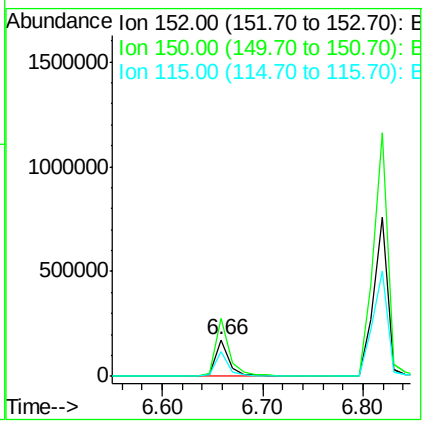


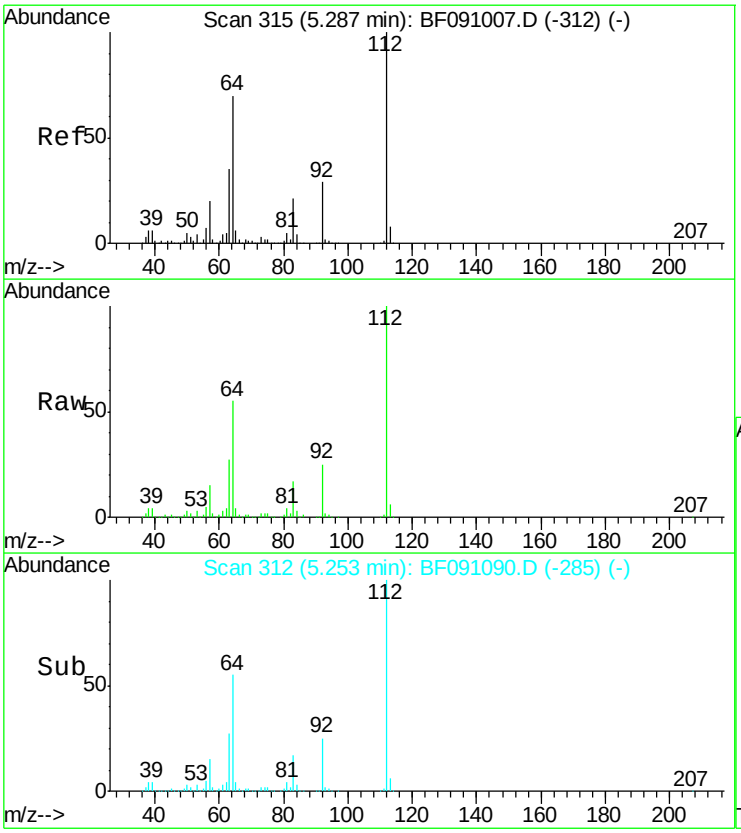
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:152 Resp: 174440

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.8	190.2
115	67.7	53.3	79.9

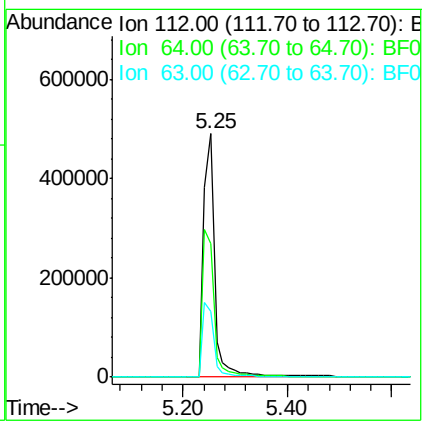


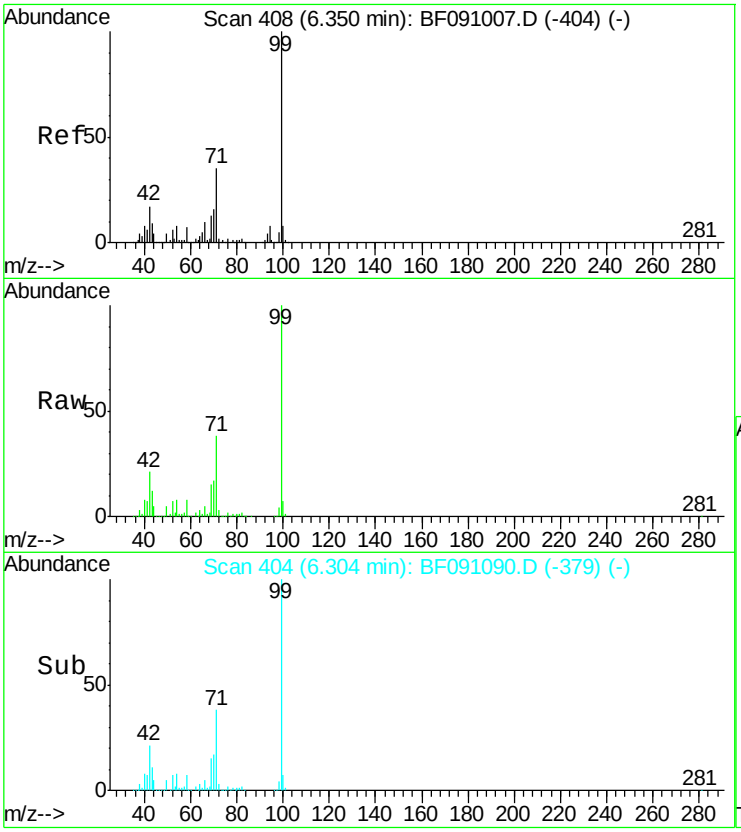


#5
2-Fluorophenol
Concen: 69.73 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:112 Resp: 736459

Ion	Ratio	Lower	Upper
112	100		
64	54.6	55.8	83.6#
63	27.1	28.0	42.0#



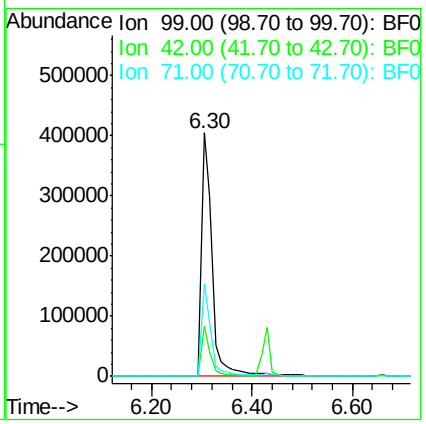


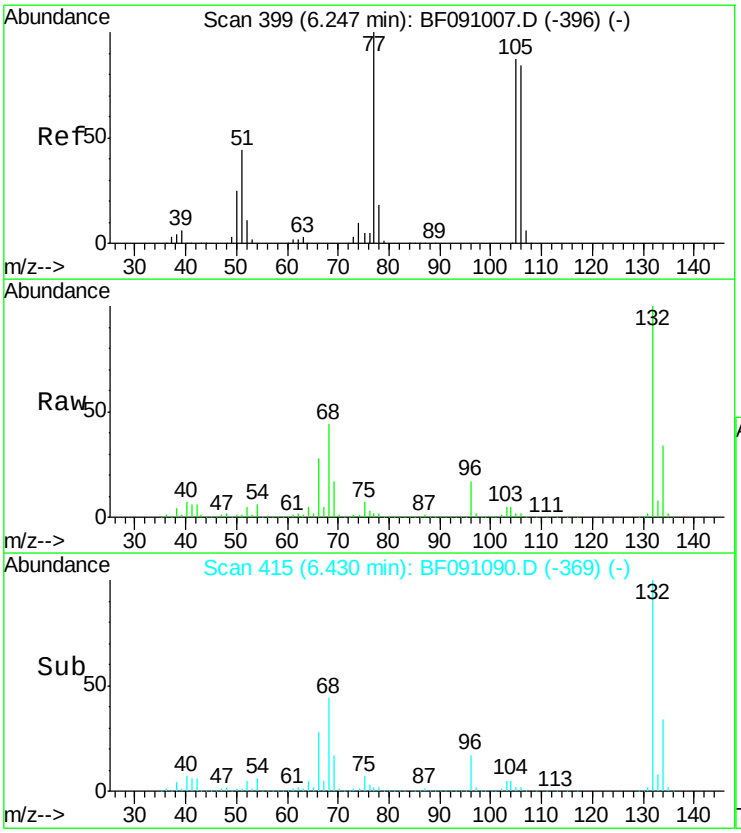
#7
Phenol-d6
Concen: 41.64 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 99 Resp: 596949

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.9	20.9
71	38.3	27.8	41.8

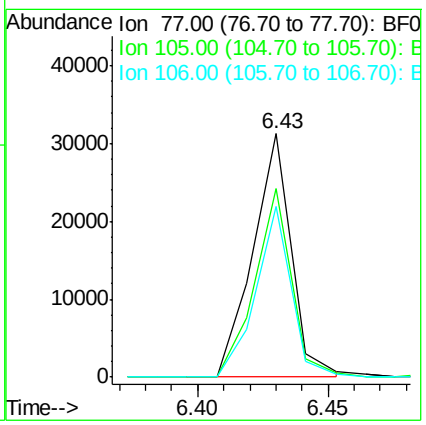


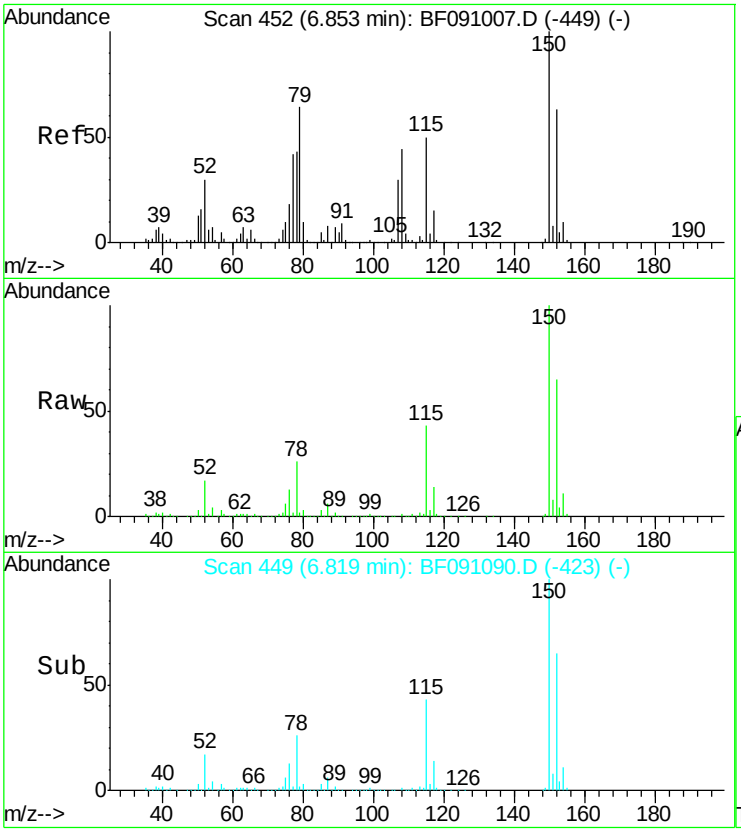


#9
Benzaldehyde
Concen: 4.05 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion: 77 Resp: 32198

Ion	Ratio	Lower	Upper
77	100		
105	77.3	66.8	106.8
106	70.1	64.0	104.0



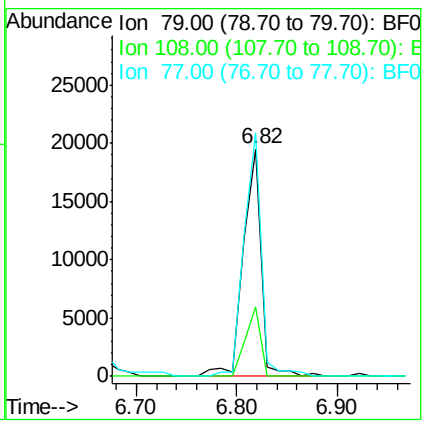


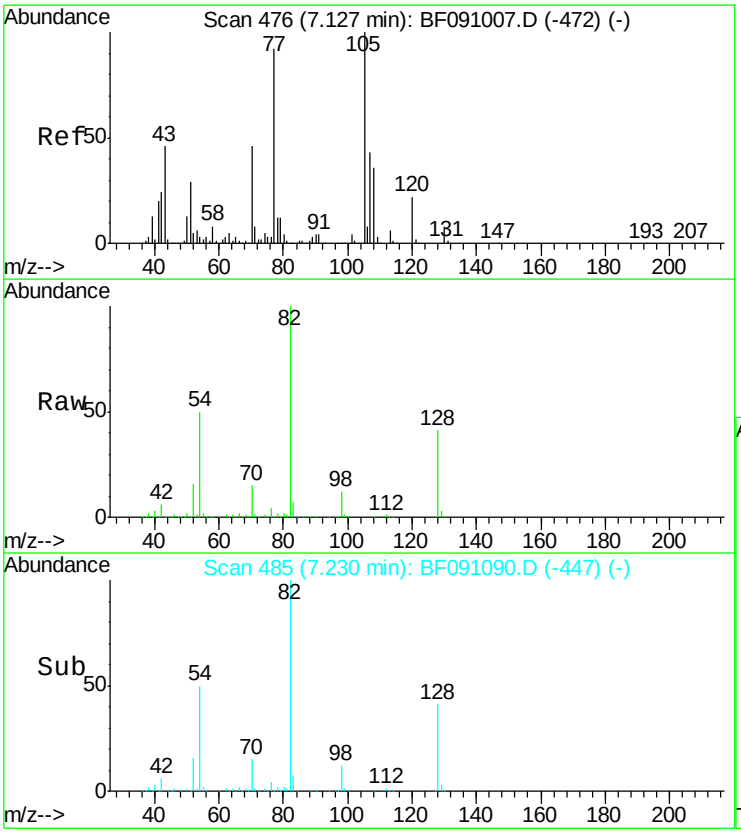
#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 79 Resp: 23935

Ion	Ratio	Lower	Upper
79	100		
108	30.3	55.7	83.5#
77	107.0	52.6	79.0#

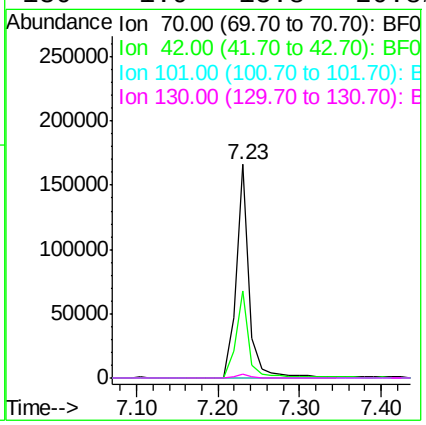


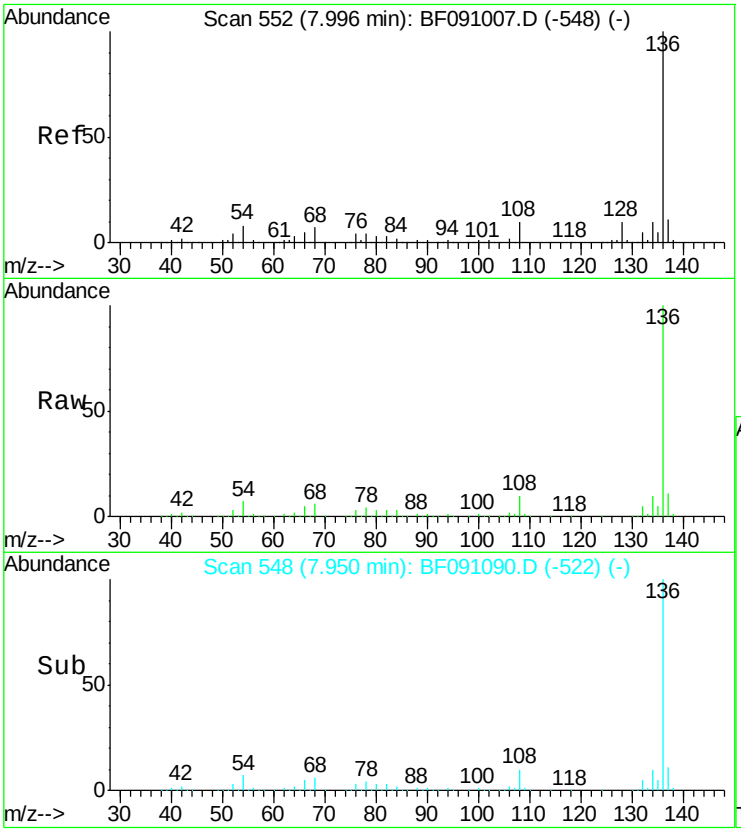


#19
n-Nitroso-di-n-propylamine
Concen: 18.48 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion: 70 Resp: 183563

Ion	Ratio	Lower	Upper
70	100		
42	40.7	41.7	62.5#
101	0.0	6.7	10.1#
130	1.9	13.8	20.8#



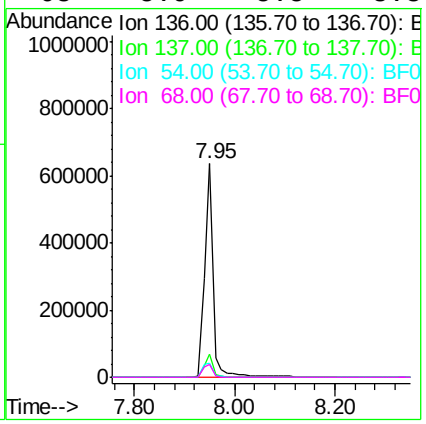


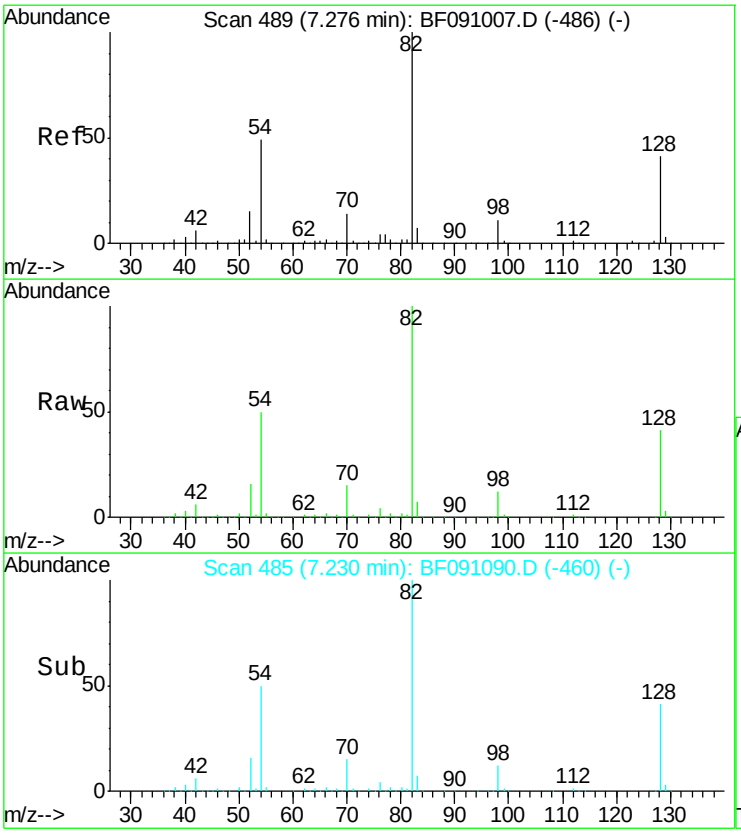
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:136 Resp: 744830

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.2	9.2
68	5.9	5.5	8.3

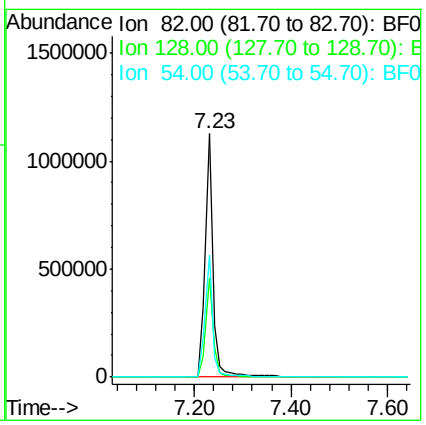


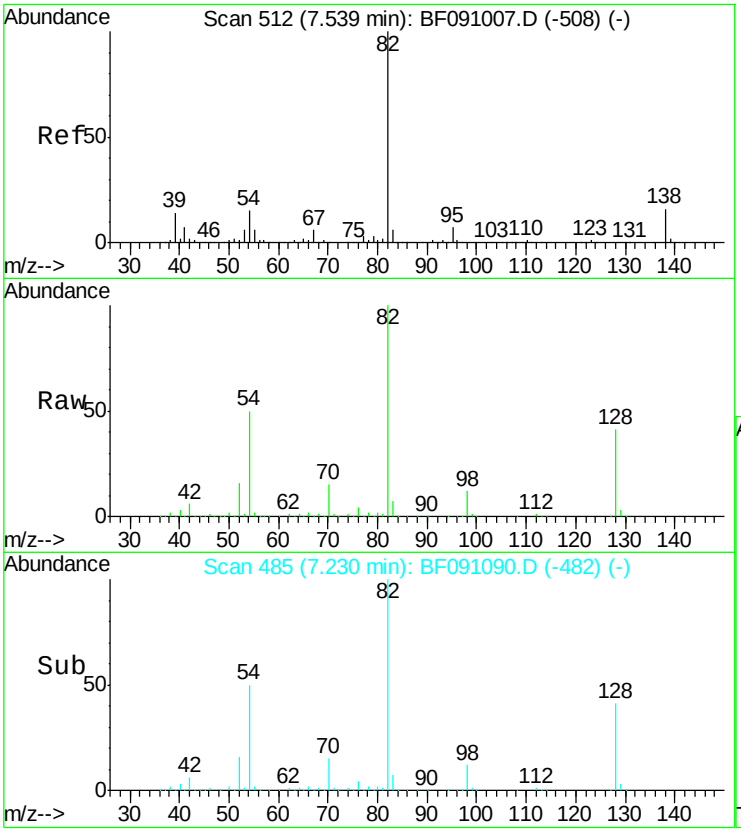


#23
Nitrobenzene-d5
Concen: 95.10 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion: 82 Resp: 1298483

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	50.3	39.2	58.8



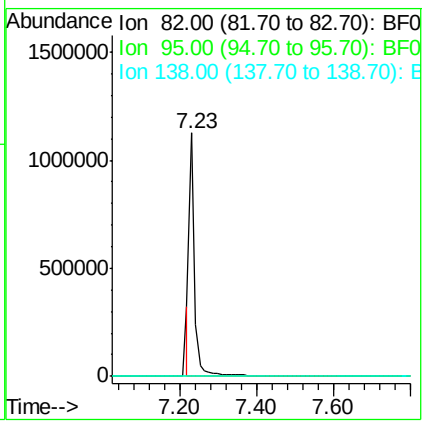


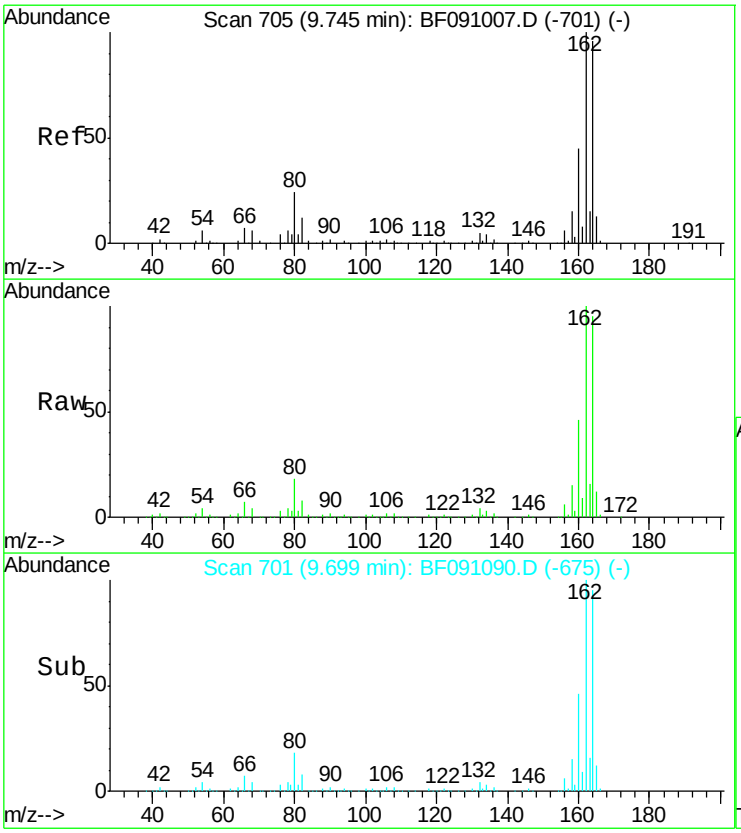
#25
Isophorone
Concen: 40.26 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 82 Resp: 1059186

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

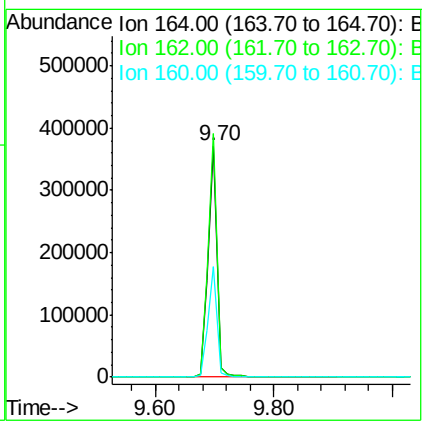


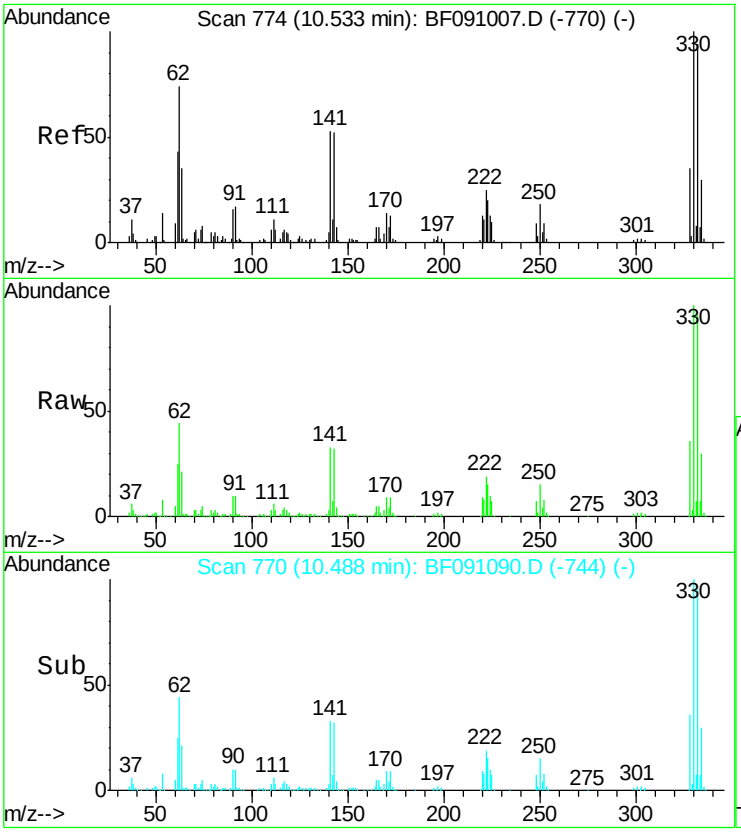


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:164 Resp: 385373

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.6	125.4
160	48.1	37.9	56.9



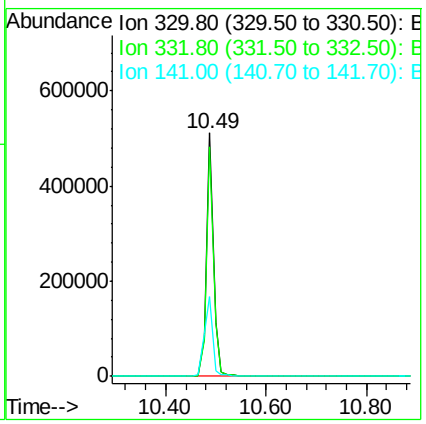


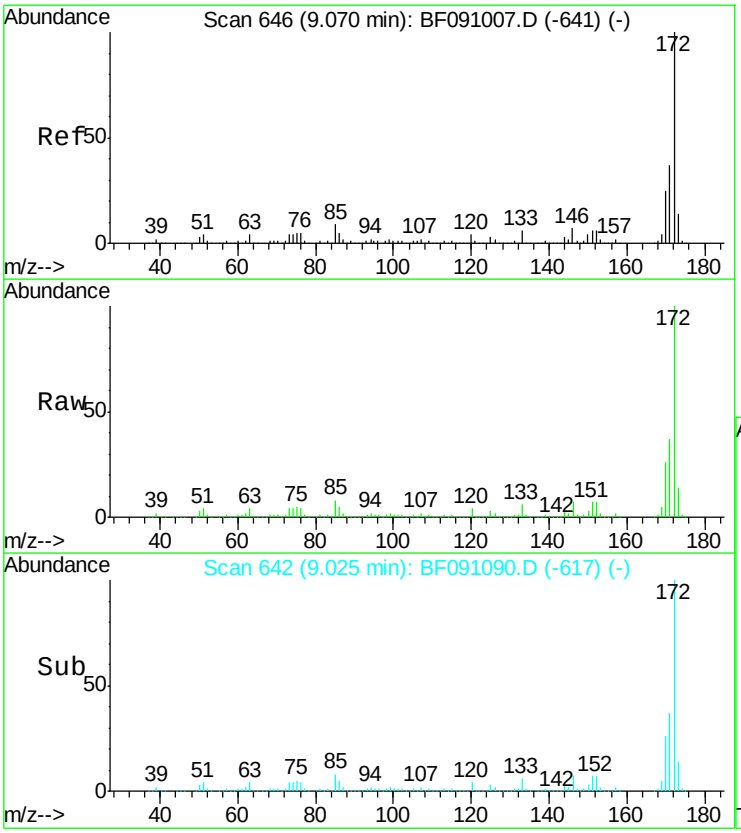
#41
2,4,6-Tribromophenol
Concen: 145.11 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:330 Resp: 505580

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	39.2	36.1	54.1

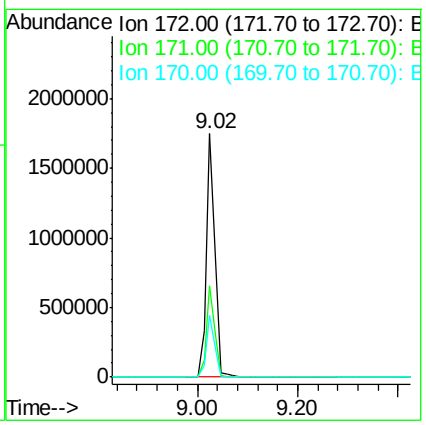


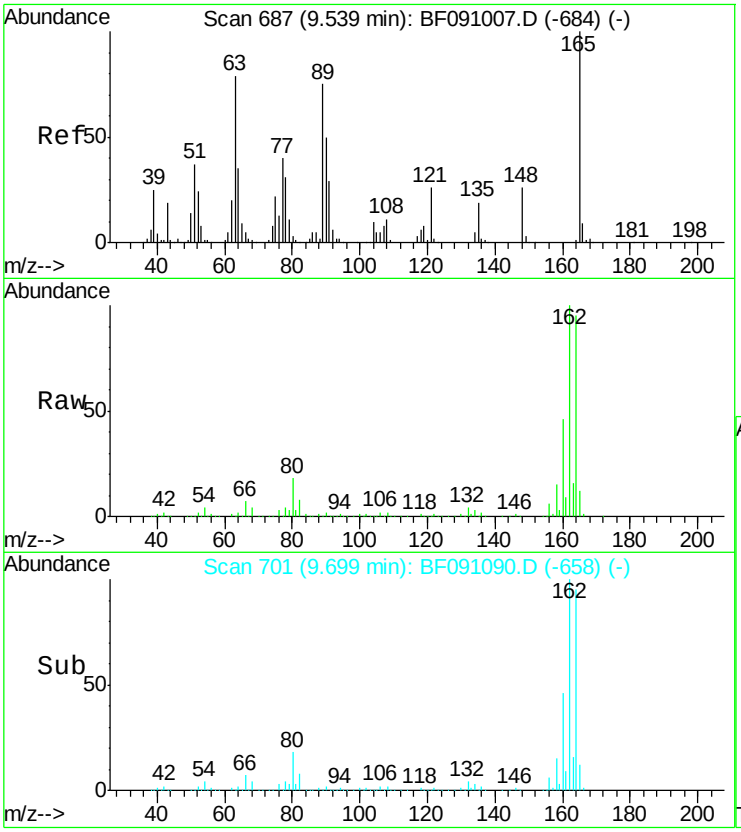


#44
2-Fluorobiphenyl
Concen: 91.35 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:172 Resp: 2044727

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.6	20.3	30.5



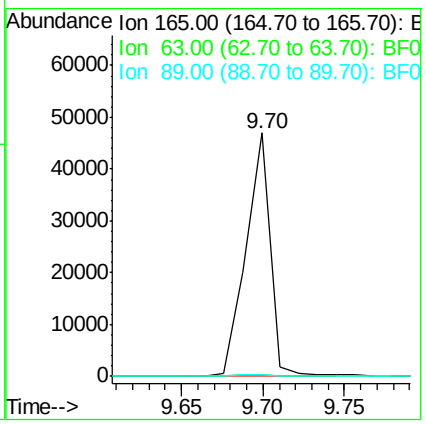


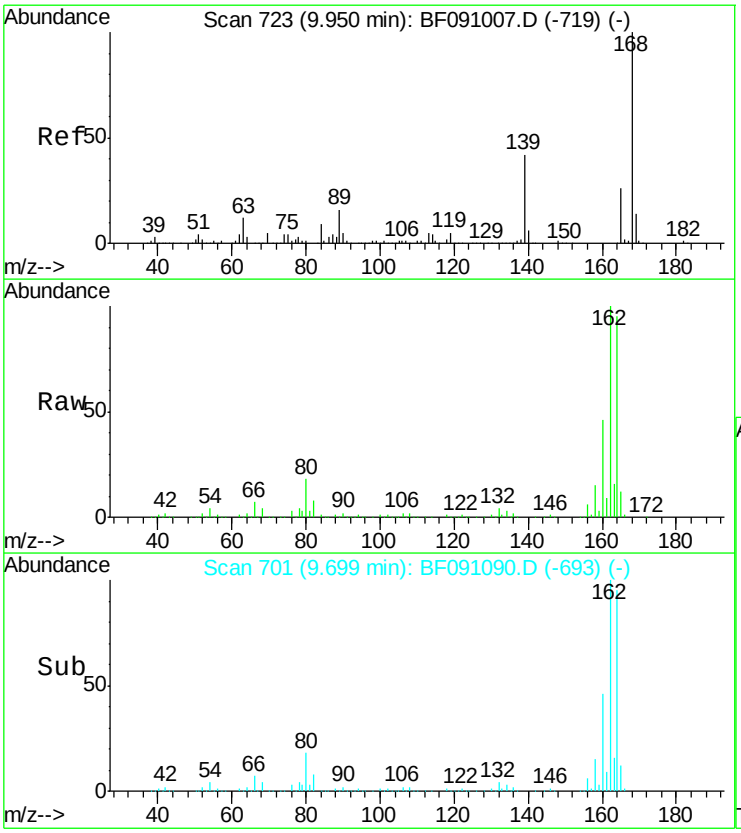
#50
2,6-Dinitrotoluene
Concen: 8.96 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:165 Resp: 48498

Ion	Ratio	Lower	Upper
165	100		
63	0.9	65.6	98.4#
89	0.9	59.8	89.6#

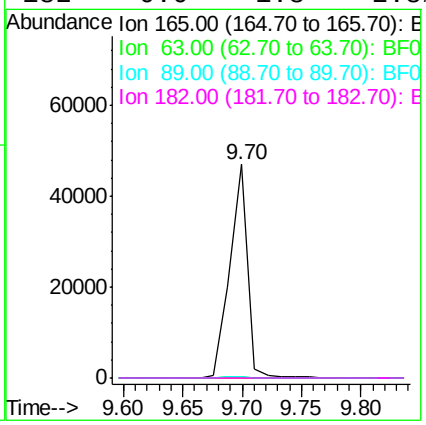


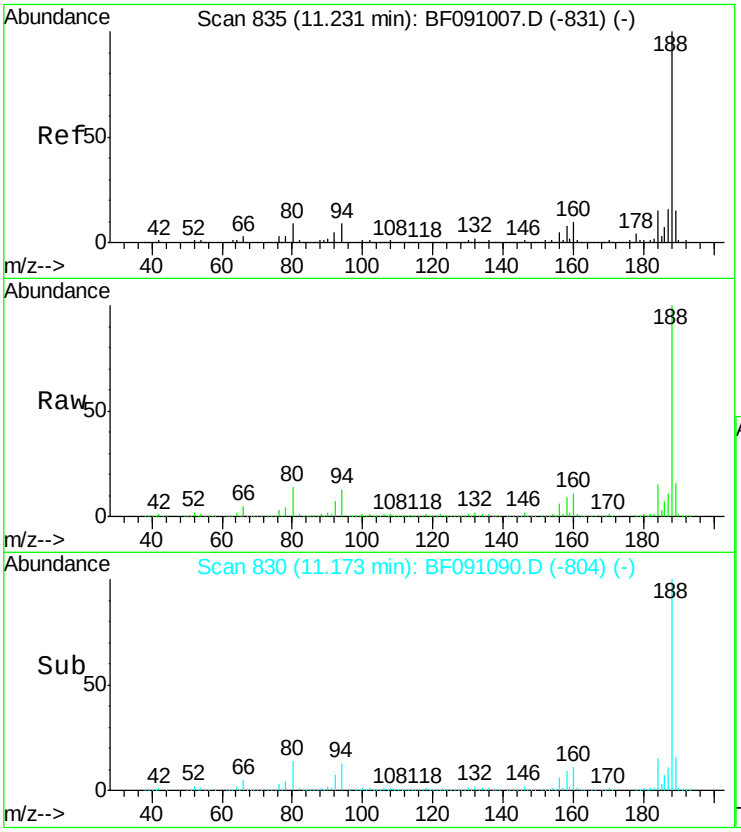


#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:165 Resp: 48731

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	0.9	50.6	76.0#
182	0.0	1.8	2.8#



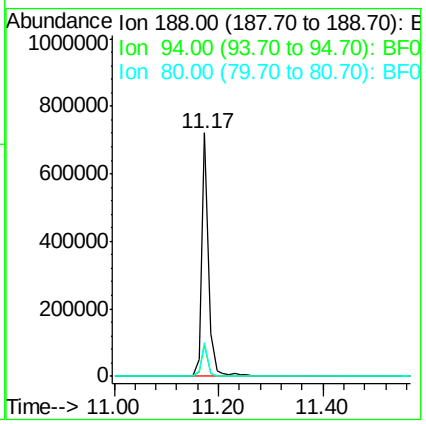


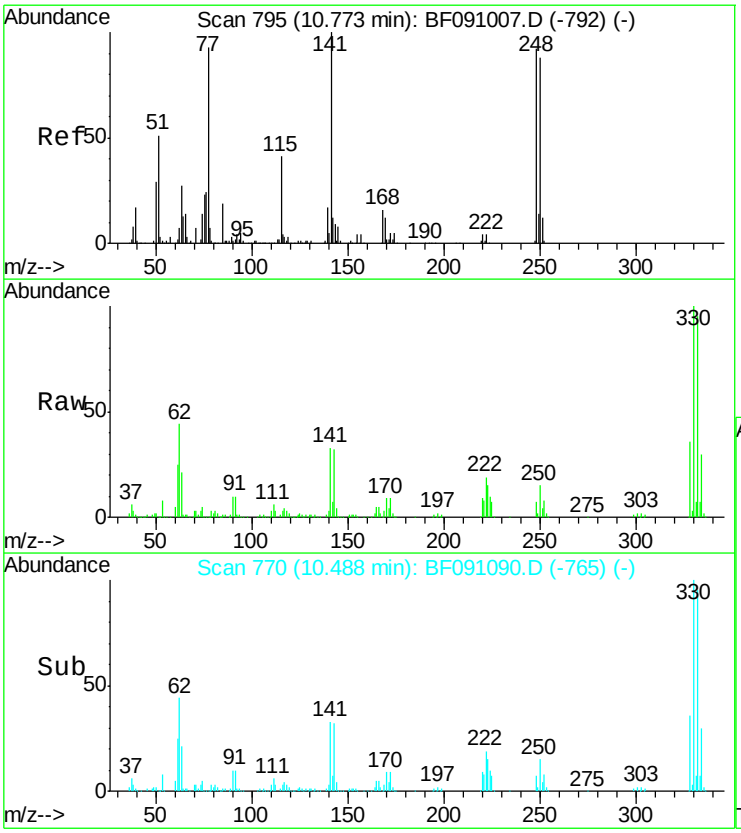
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:188 Resp: 662060

Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.0	10.4#
80	14.1	7.5	11.3#

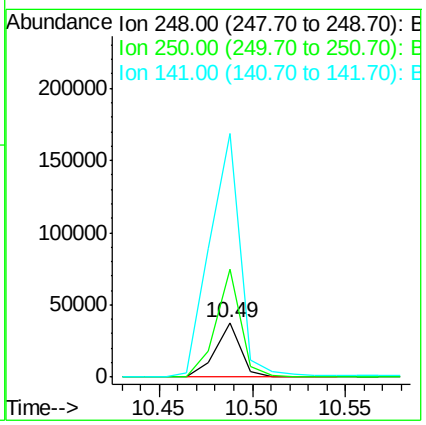


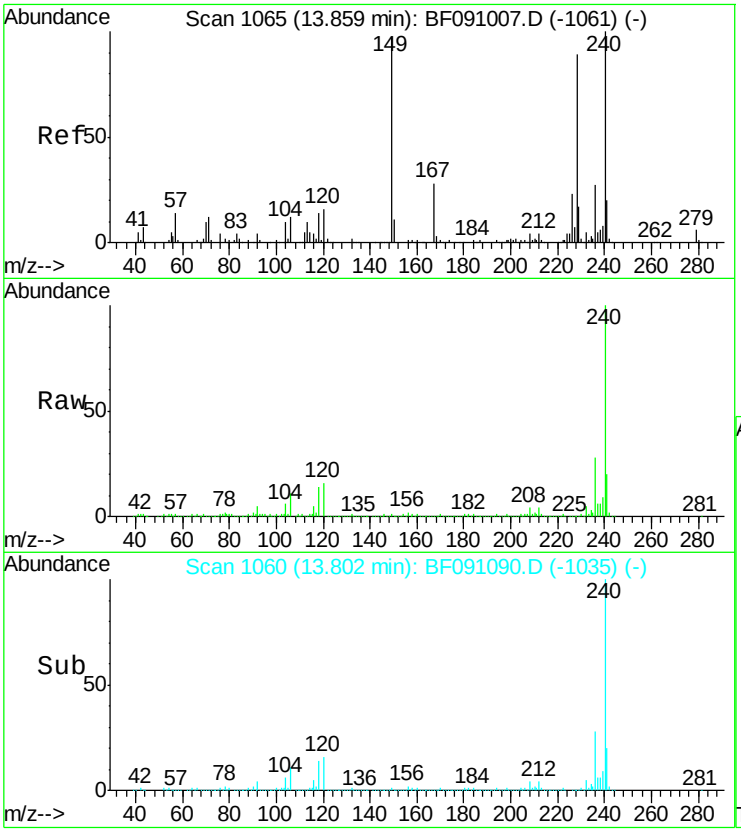


#66
4-Bromophenyl-phenylether
Concen: 5.17 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:248 Resp: 35571

Ion	Ratio	Lower	Upper
248	100		
250	198.6	76.3	114.5#
141	449.1	86.8	130.2#



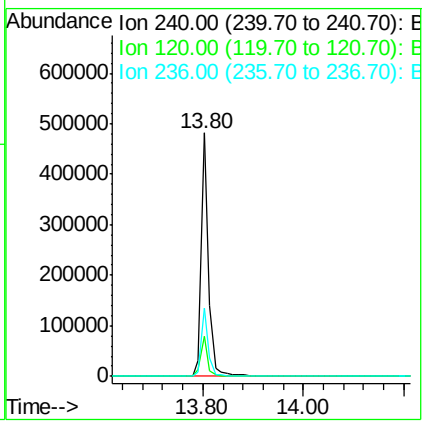


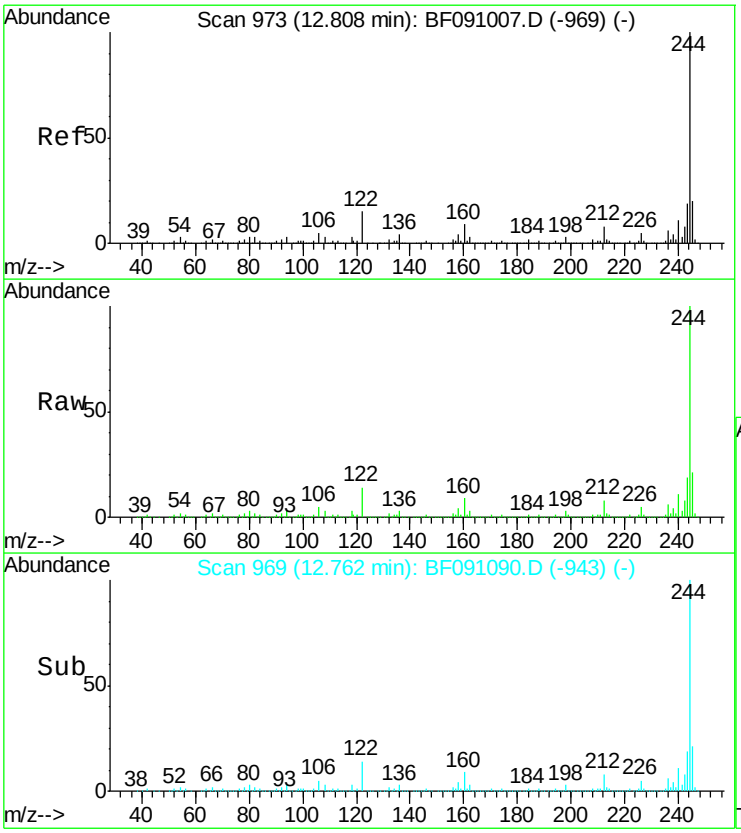
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:240 Resp: 483137

Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.9	19.3
236	27.8	21.9	32.9

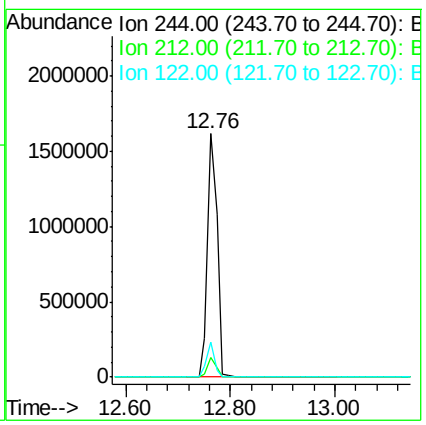


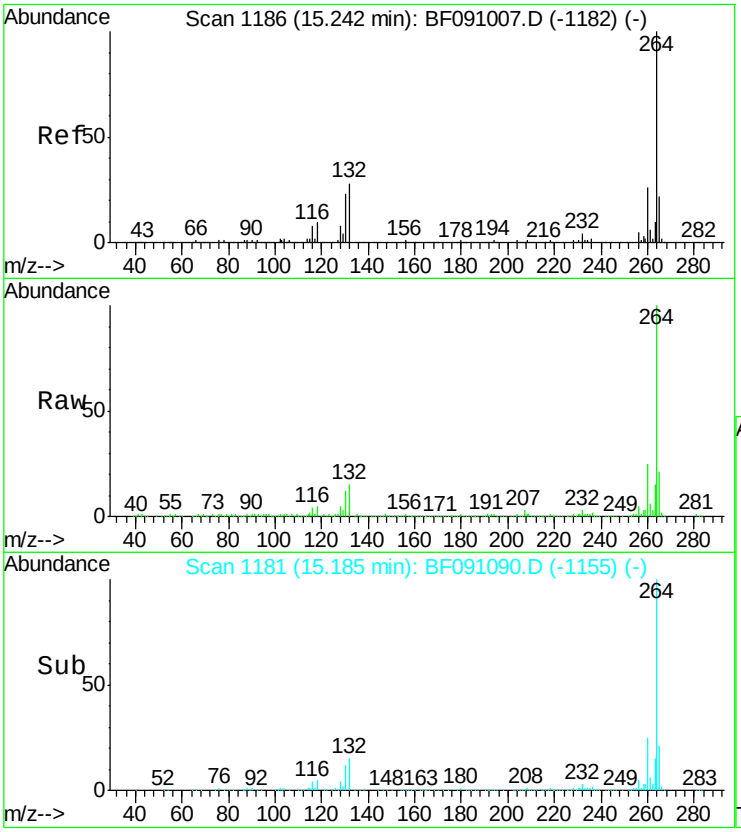


#78
Terphenyl-d14
Concen: 107.37 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:244 Resp: 2078741

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	14.2	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:264 Resp: 346606

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.4	17.8	26.8