Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093339.D
Acq On : 2 Mar 2017 23:45
Operator : SJ/MA
Sample : I2054-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10R

Quant Time: Mar 03 01:17:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143544	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	588936	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	282373	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	534842	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	434818	20.00	ng		-0.05
86) Perylene-d12	15.39	264	295166	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	697052	83.31	ng		-0.06
7) Phenol-d6	6.44	99	586179	54.45	ng		-0.05
23) Nitrobenzene-d5	7.37	82	1009938	95.50	ng		-0.06
41) 2,4,6-Tribromophenol	10.65	330	320179	156.77	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1653656	106.10	ng		-0.05
78) Terphenyl-d14	12.92	244	1446284	78.15	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	23432	3.04	ng		82
19) n-Nitroso-di-n-propylamine	7.37	70	135800	19.82	ng	#	82
25) Isophorone	7.37	82	793156	40.25	ng	#	65
50) 2,6-Dinitrotoluene	9.85	165	35713	8.69	ng	#	31
56) 2,4-Dinitrotoluene	9.85	165	35715	6.53	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.64	198	650	2.86	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	21427	3.83	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093339.D
Acq On : 2 Mar 2017 23:45
Operator : SJ/MA
Sample : I2054-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10R

Quant Time: Mar 03 01:17:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
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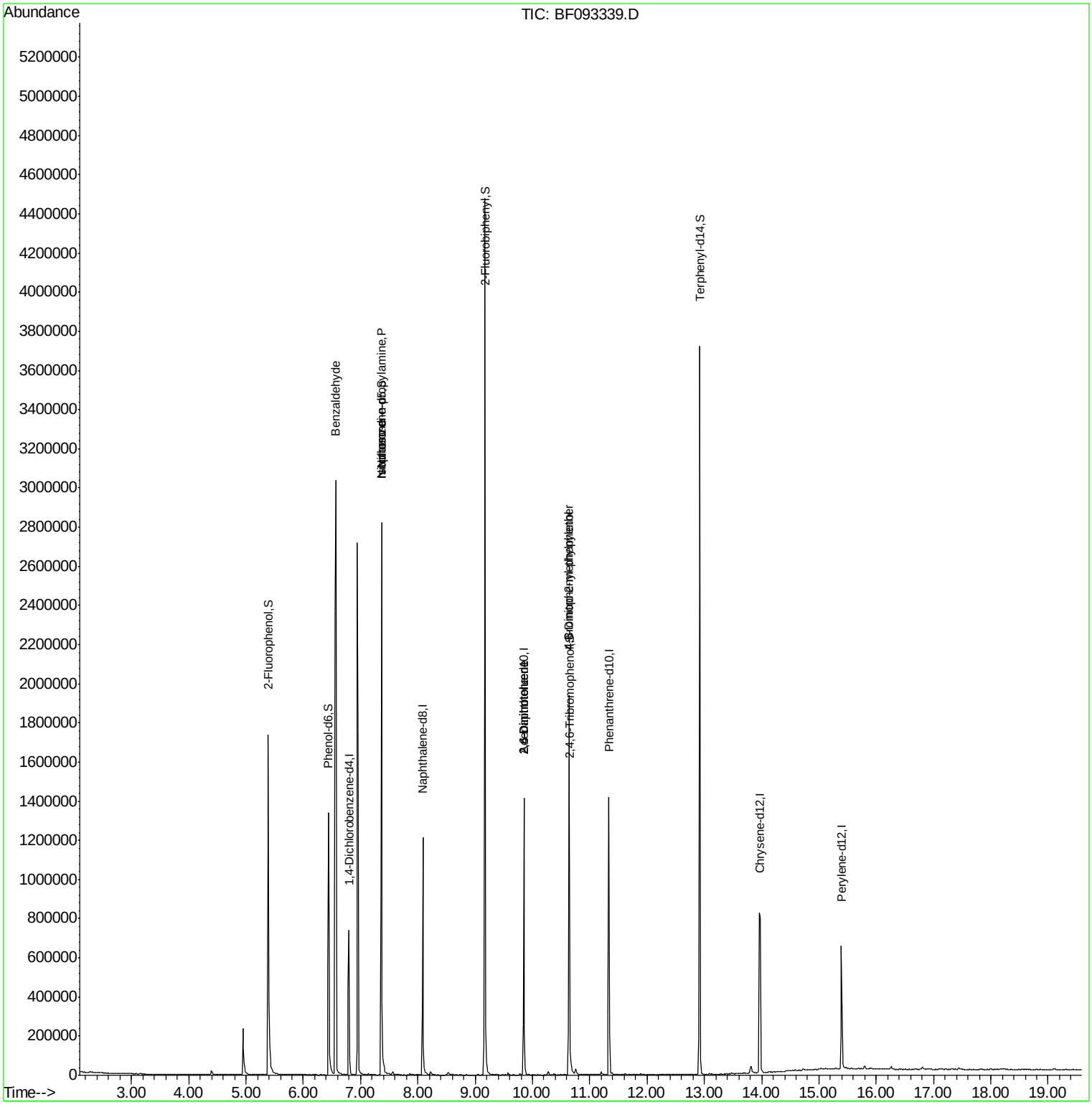
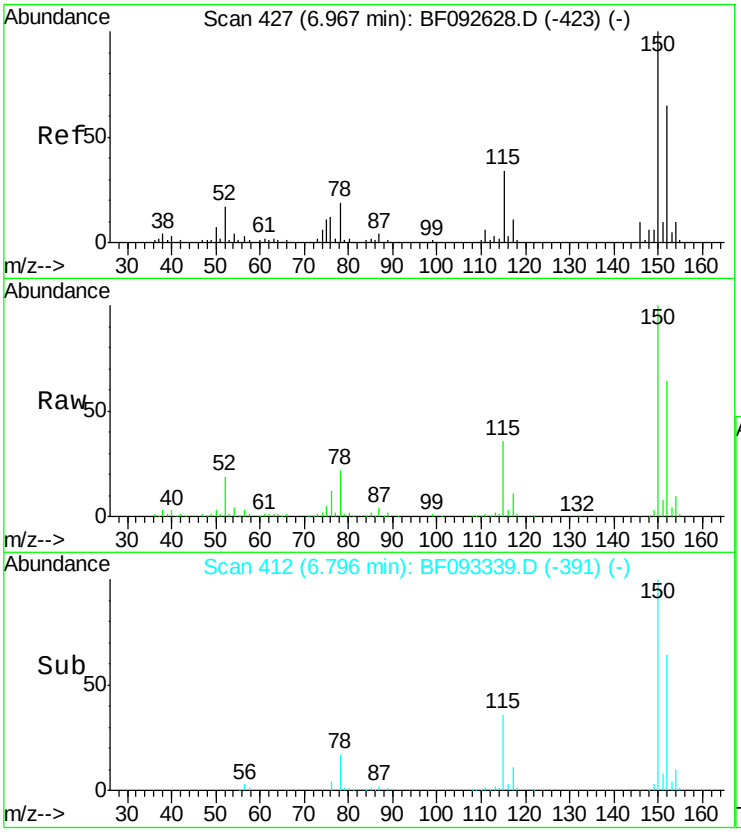


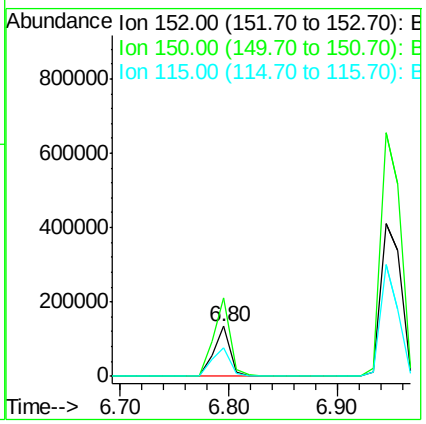


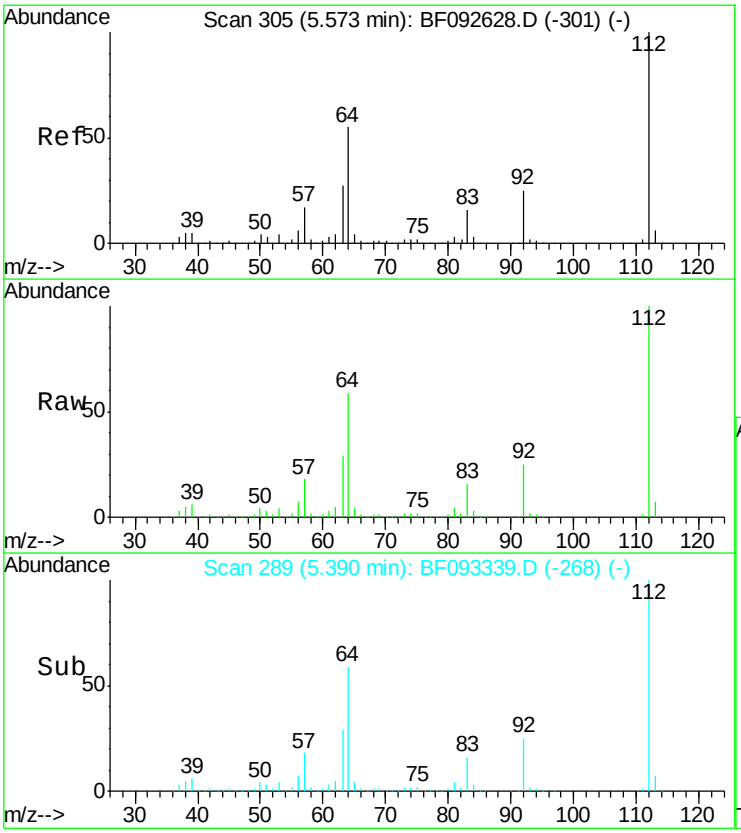
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:152 Resp: 143544

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	55.8	46.0	69.0

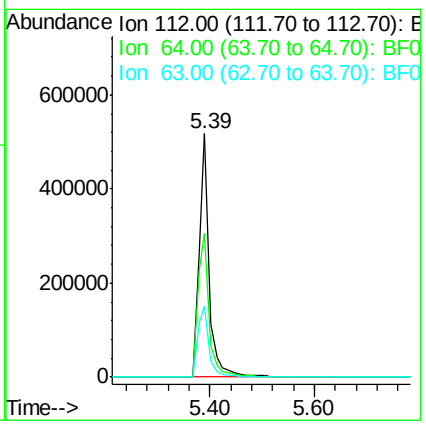


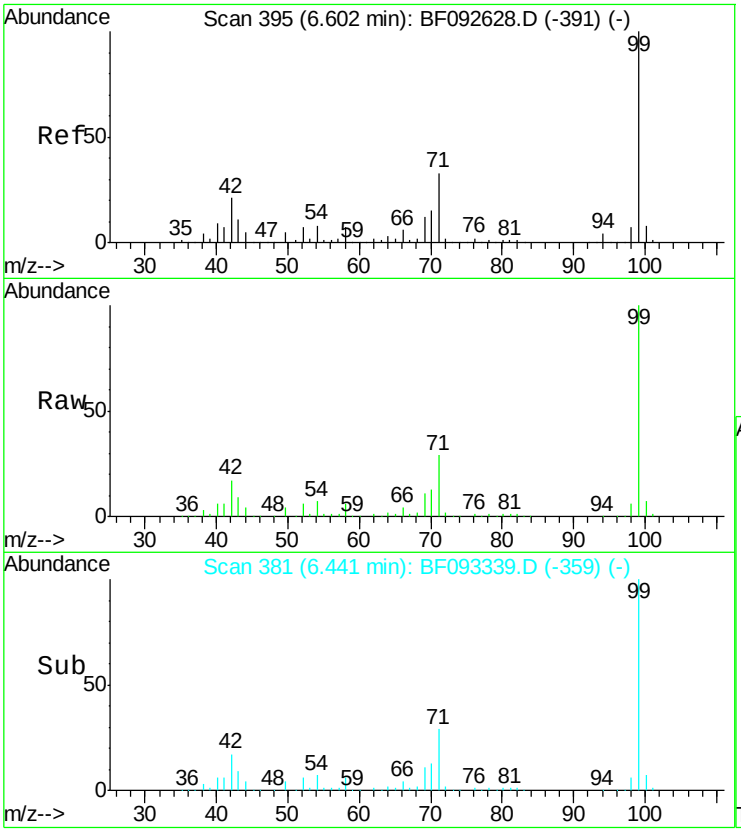


#5
2-Fluorophenol
Concen: 83.31 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:112 Resp: 697052

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.1	69.1
63	28.9	23.8	35.6



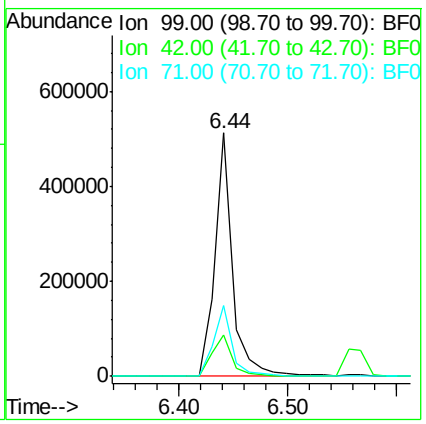


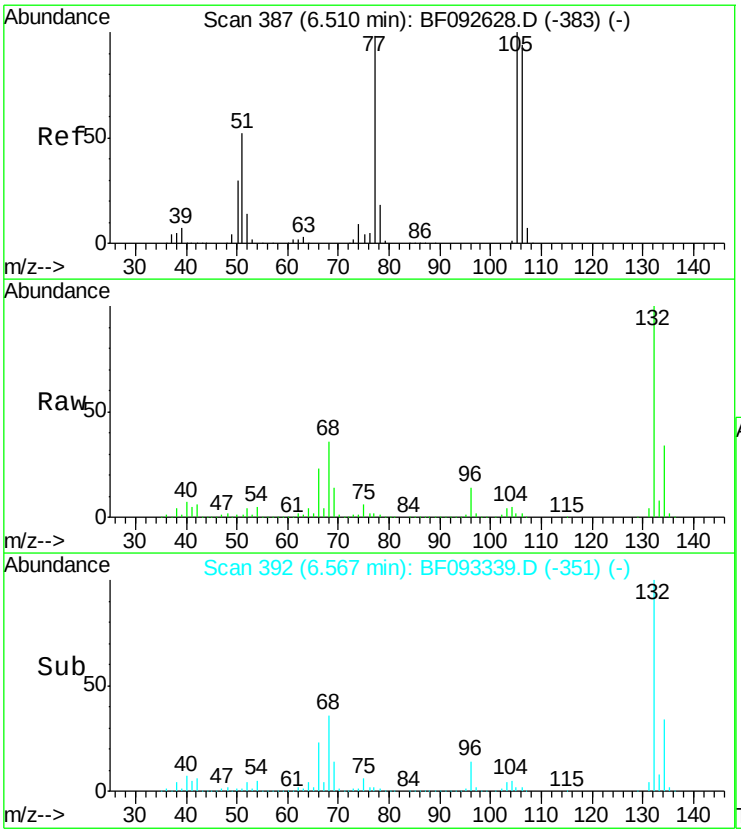
#7
Phenol-d6
Concen: 54.45 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion: 99 Resp: 586179

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	29.3	27.5	41.3

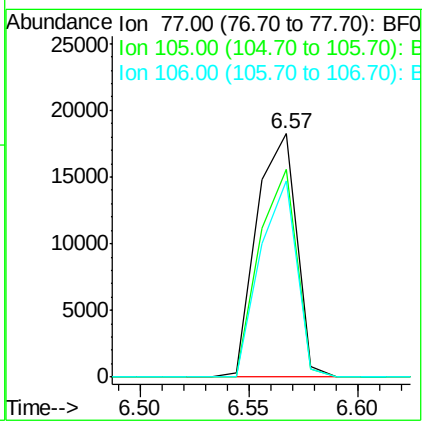


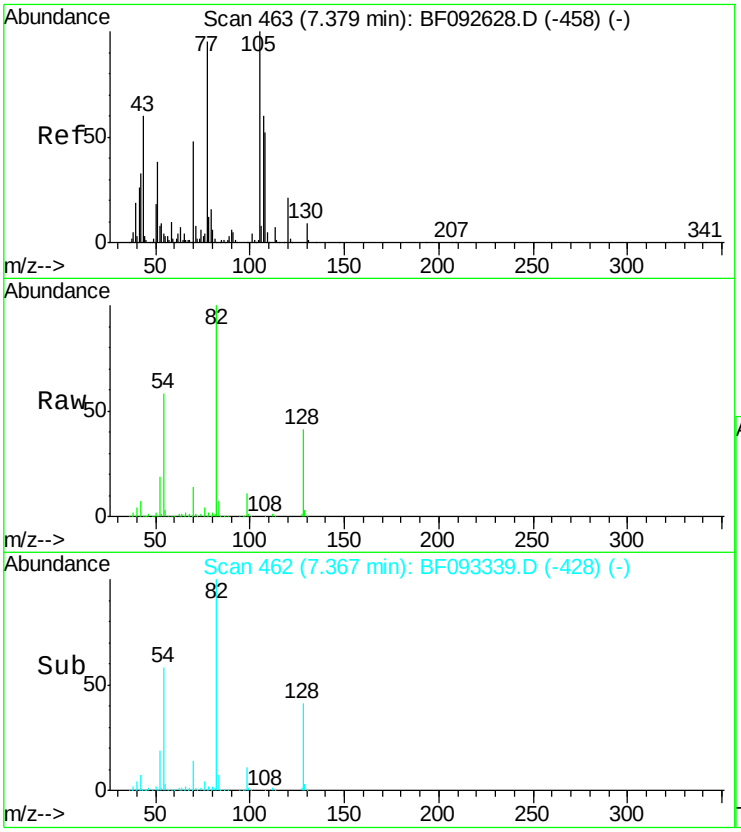


#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.17 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion: 77 Resp: 23432

Ion	Ratio	Lower	Upper
77	100		
105	85.5	83.9	123.9
106	80.6	77.6	117.6



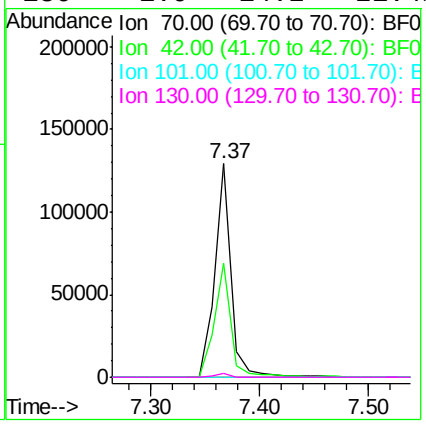


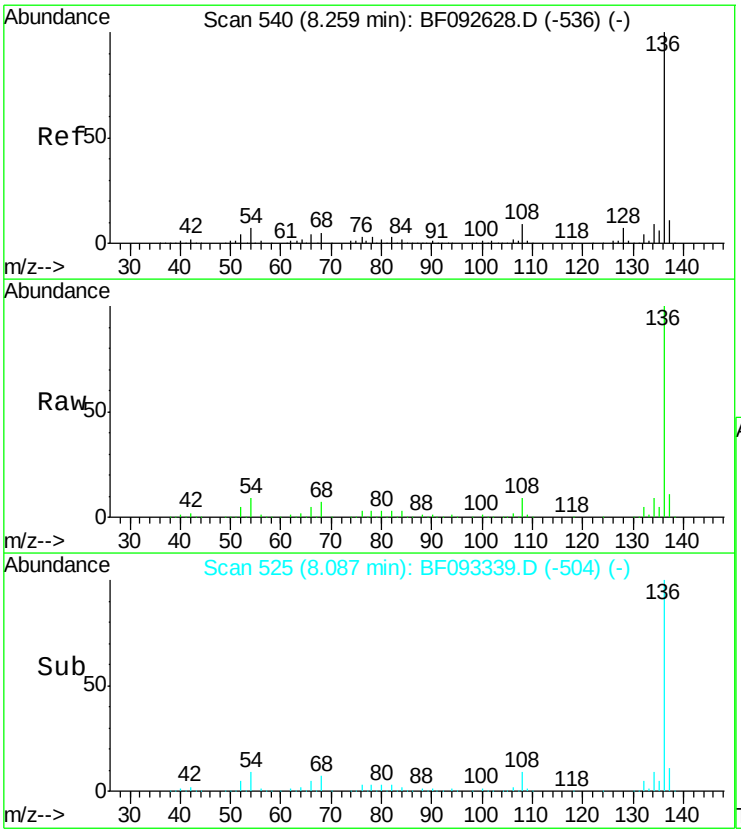
#19
n-Nitroso-di-n-propylamine
Concen: 19.82 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion: 70 Resp: 135800

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

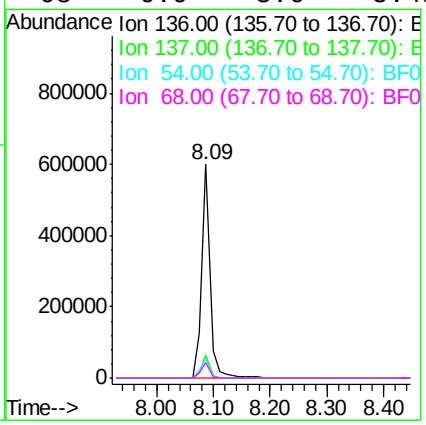


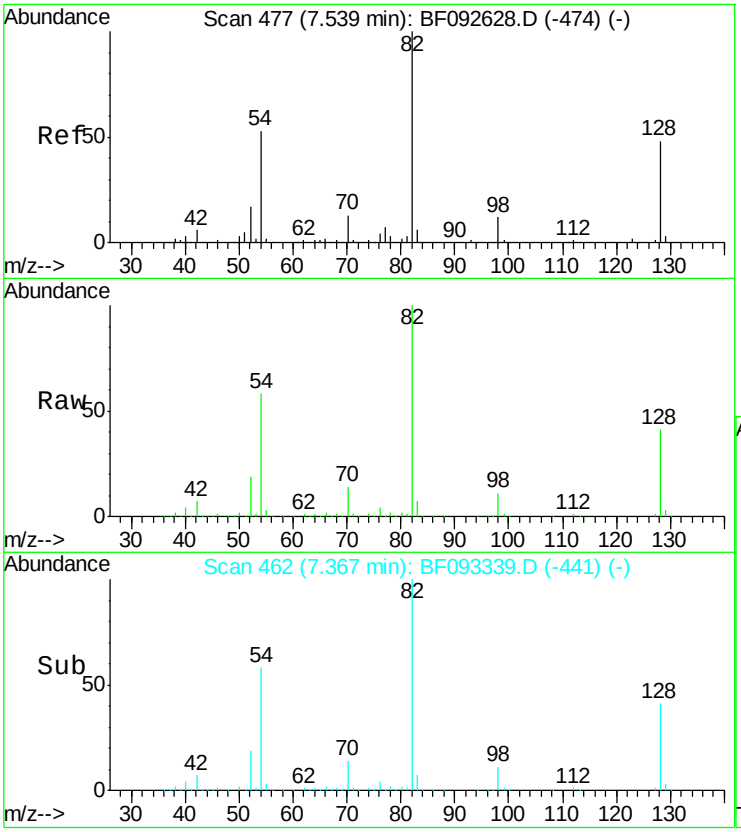


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:136 Resp: 588936

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.1	4.5	6.7#
68	6.9	3.6	5.4#



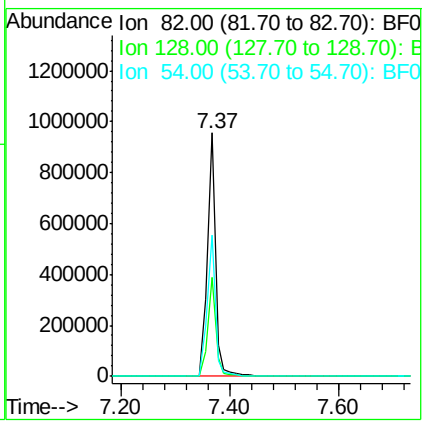


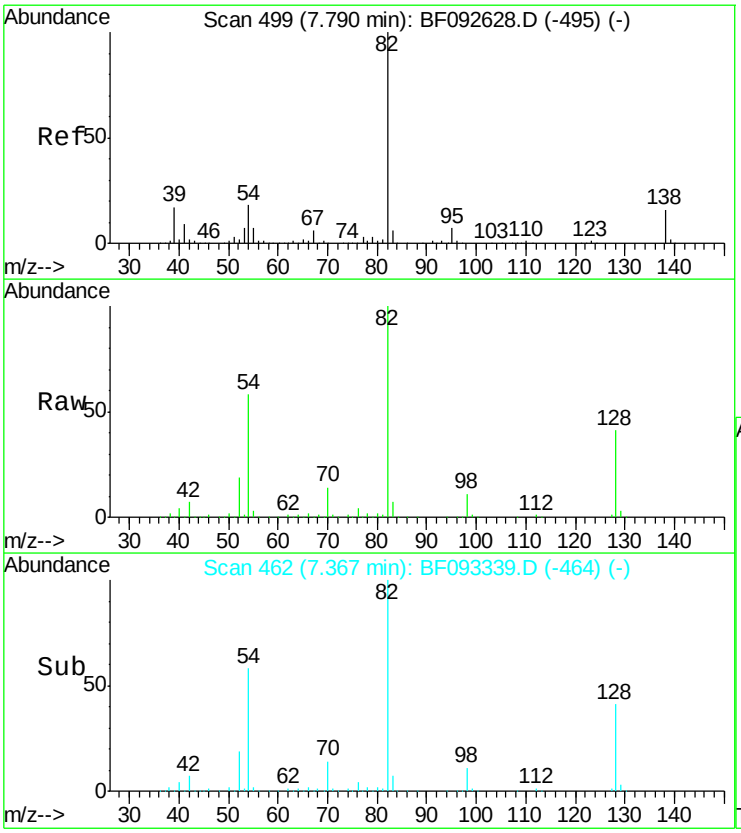
#23
Nitrobenzene-d5
Concen: 95.50 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion: 82 Resp: 1009938

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.0	39.5	59.3

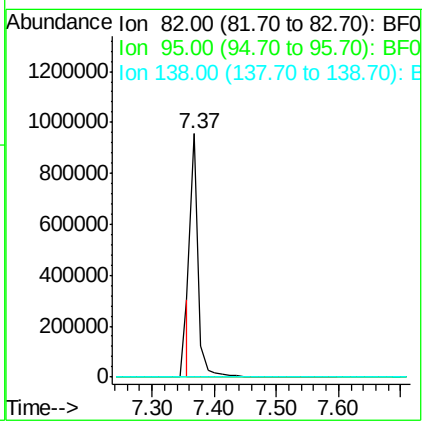


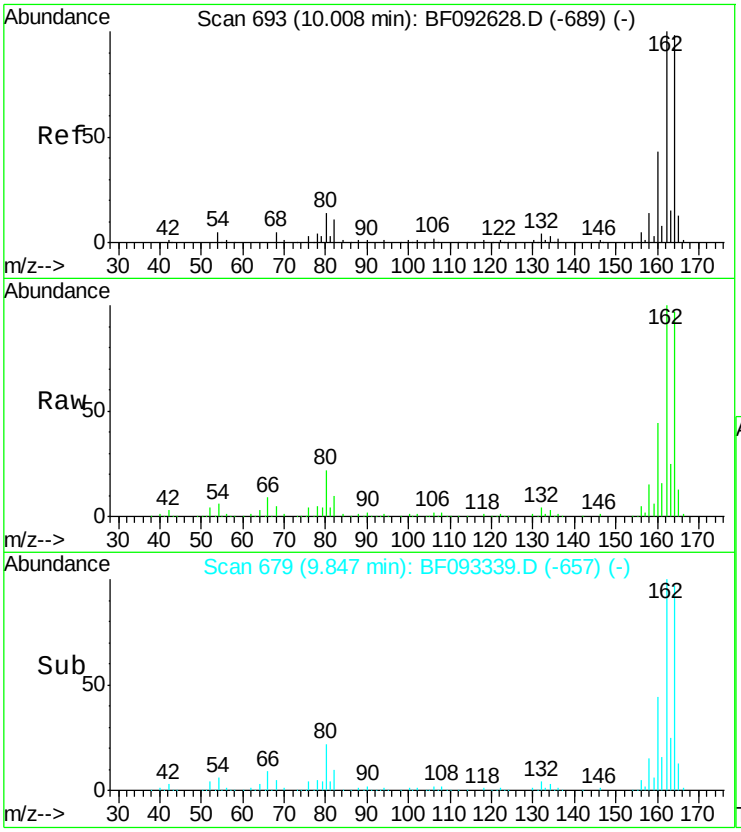


#25
Isophorone
Concen: 40.25 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion: 82 Resp: 793156

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



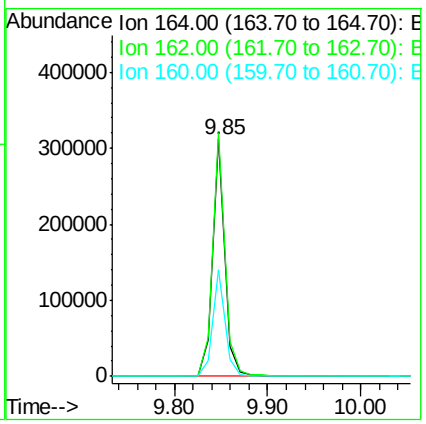


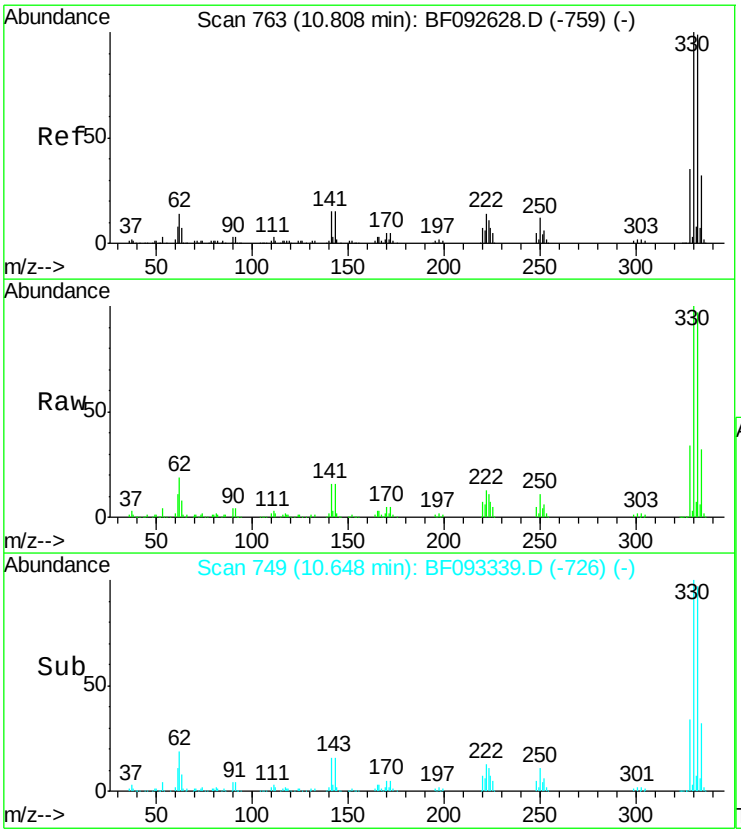
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:164 Resp: 282373

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	44.9	36.9	55.3

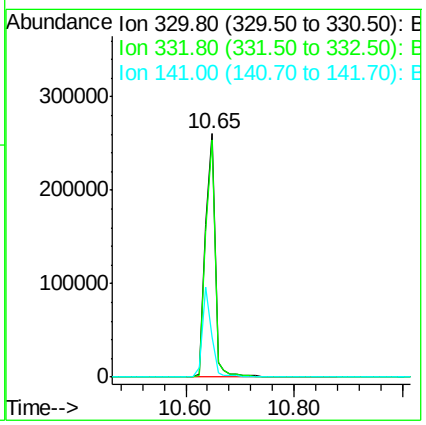


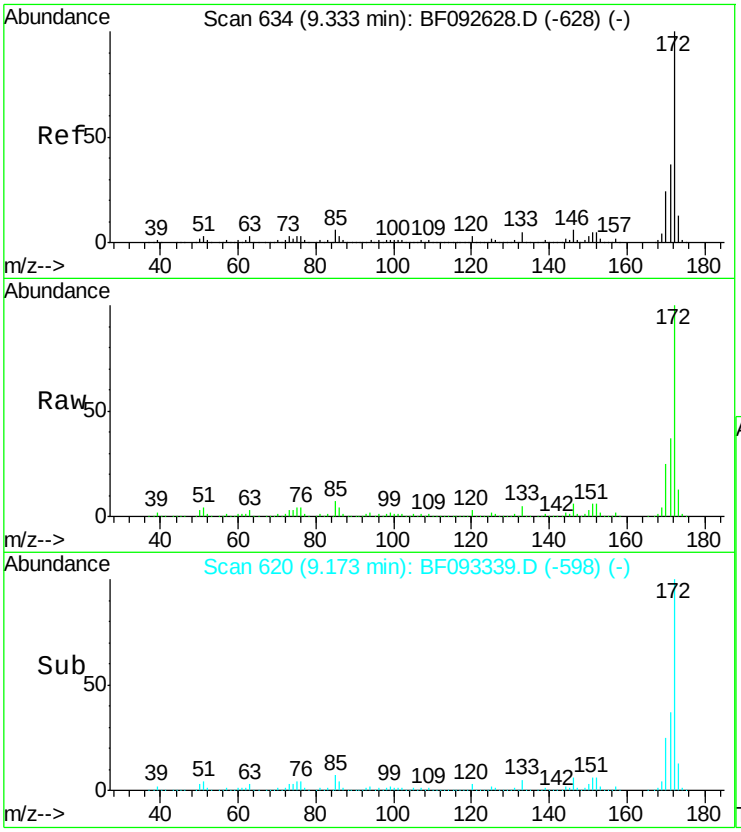


#41
2,4,6-Tribromophenol
Concen: 156.77 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:330 Resp: 320179

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	34.9	34.1	51.1



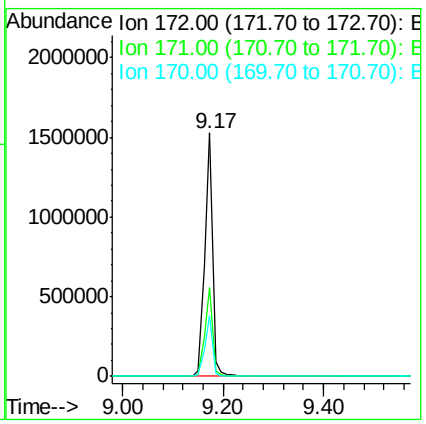


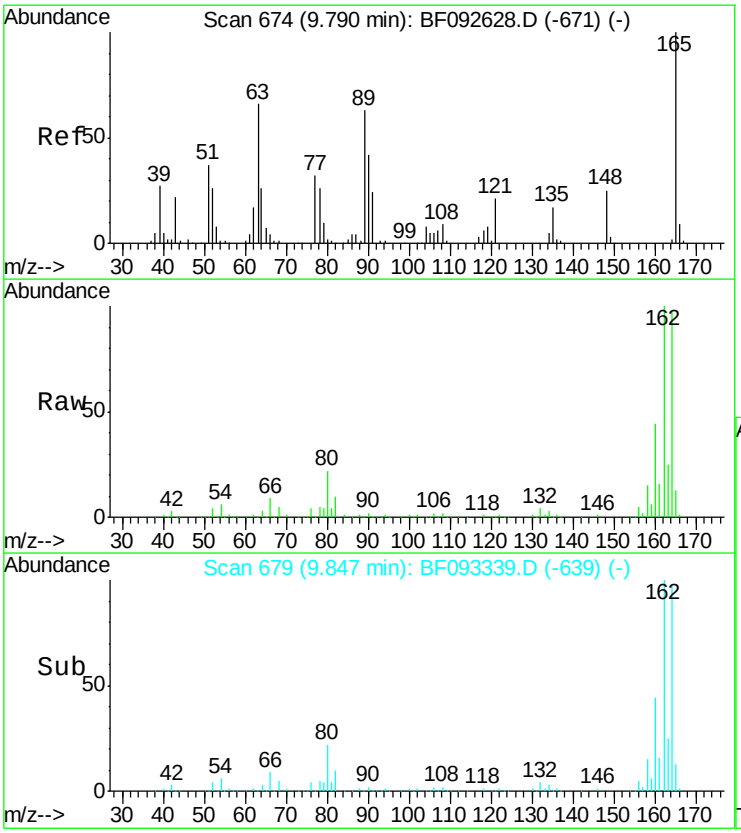
#44
2-Fluorobiphenyl
Concen: 106.10 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:172 Resp: 1653656

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.7	20.2	30.4

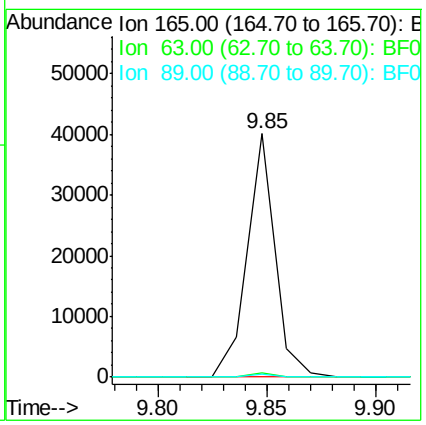


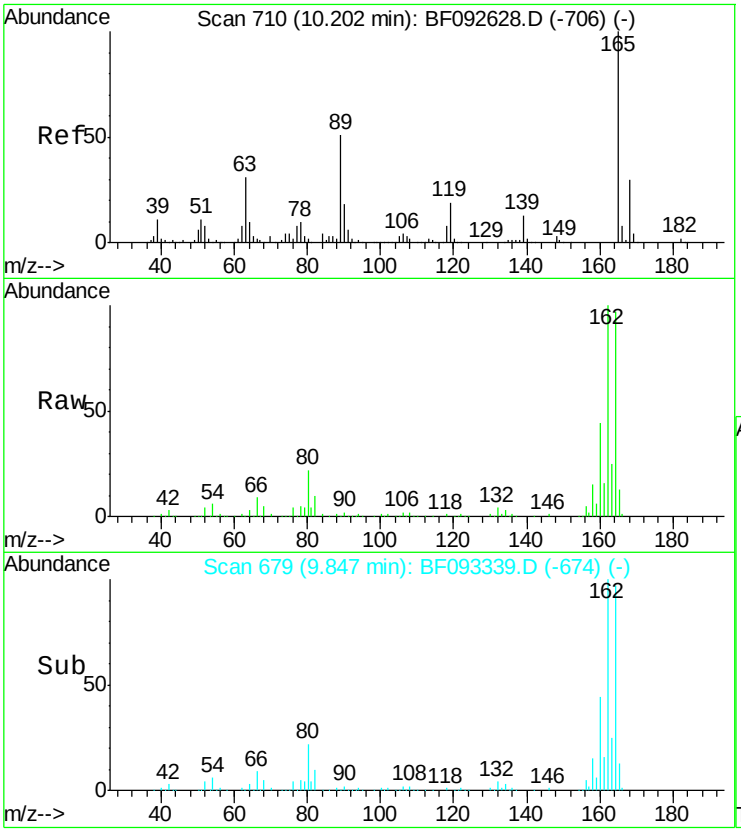


#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:165 Resp: 35713

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.4	40.2	60.4#



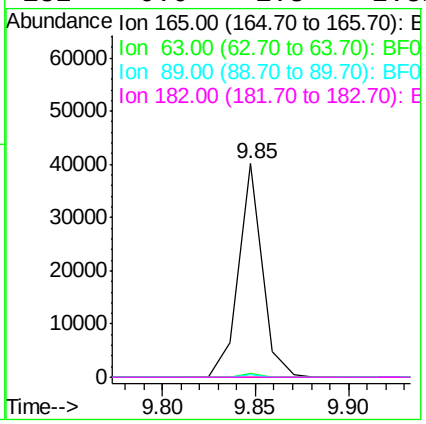


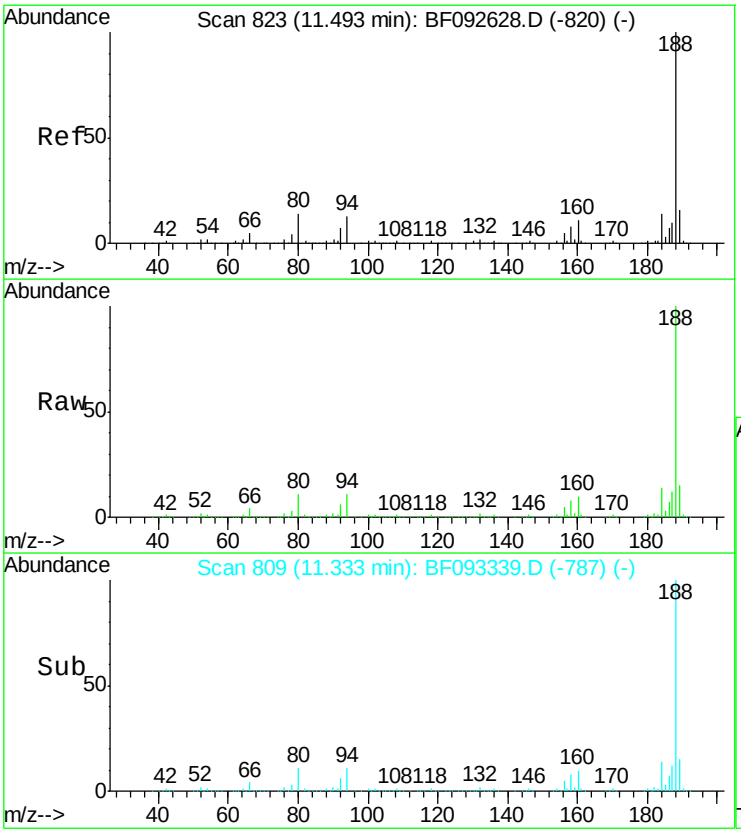
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:165 Resp: 35715

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

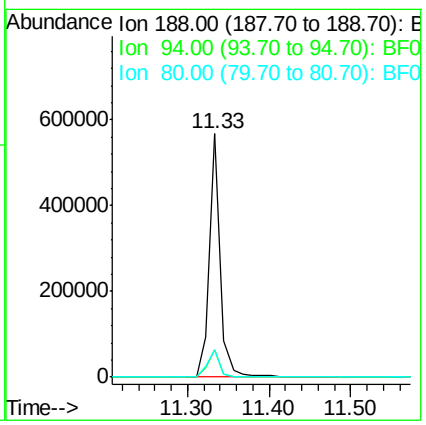


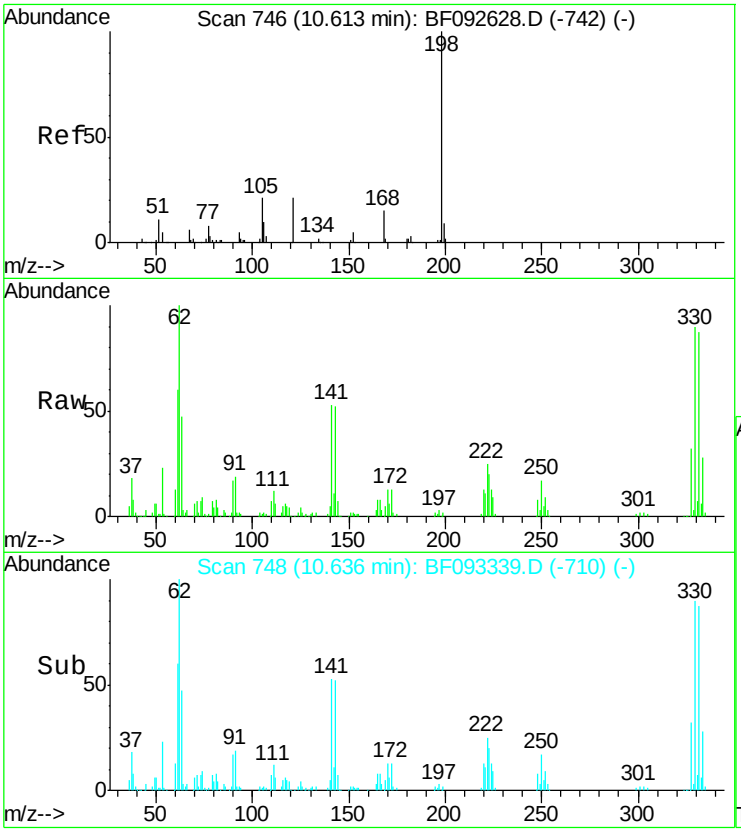


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:188 Resp: 534842

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.3	11.2	16.8



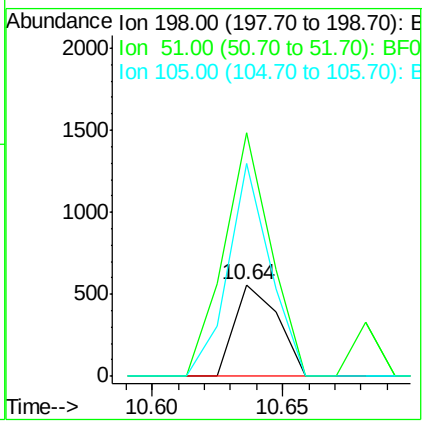


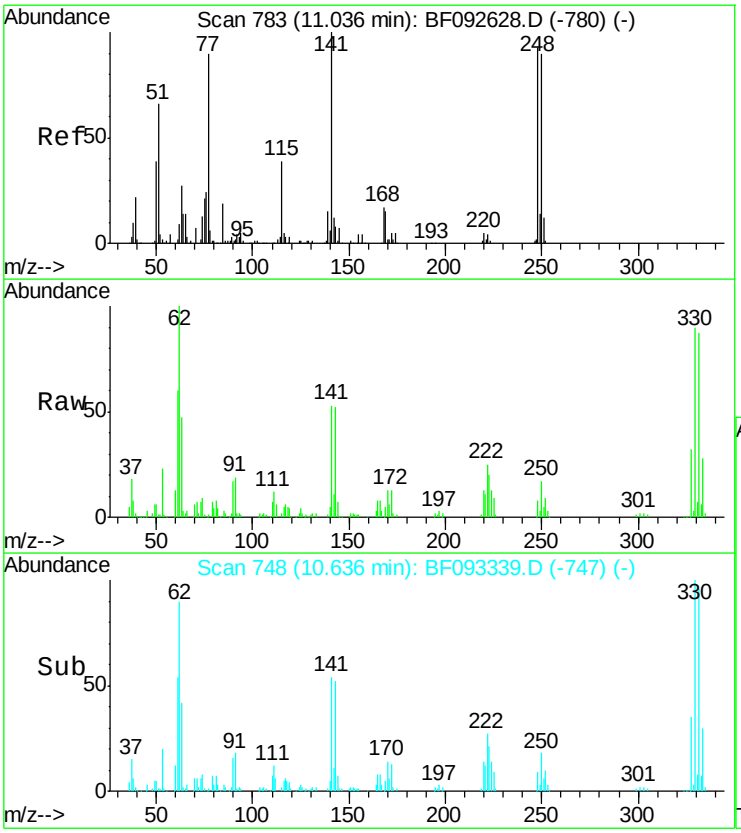
#64
4,6-Dinitro-2-methylphenol
Concen: 2.86 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:198 Resp: 650

Ion	Ratio	Lower	Upper
198	100		
51	265.9	6.7	46.7#
105	232.1	16.6	56.6#

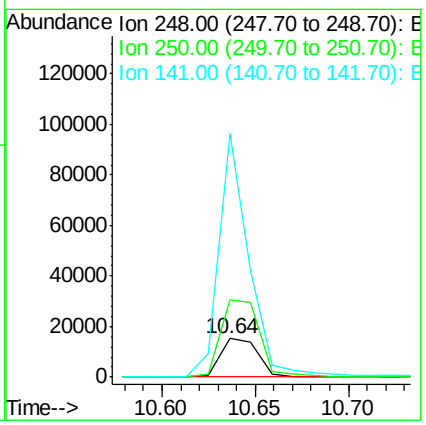


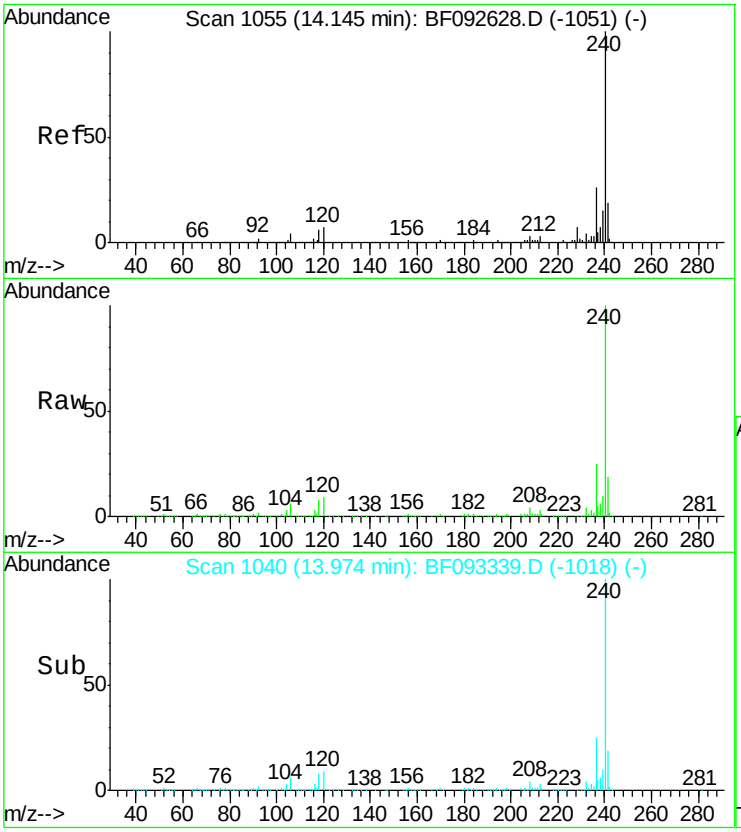


#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:248 Resp: 21427

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.9	115.3#
141	632.7	68.2	102.4#



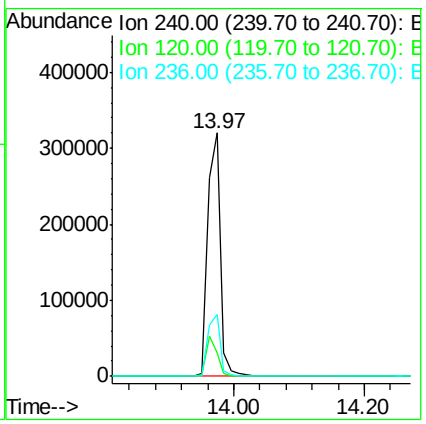


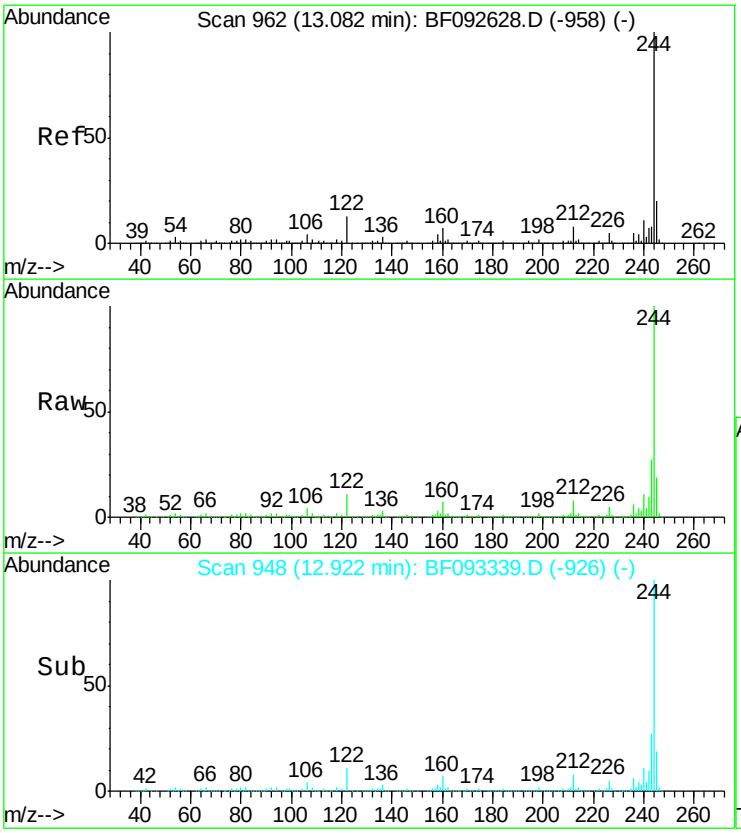
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:240 Resp: 434818

Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	25.3	20.9	31.3

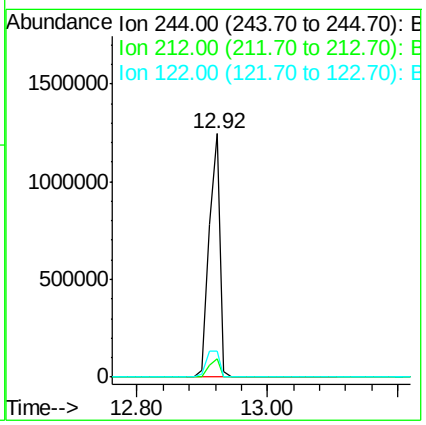


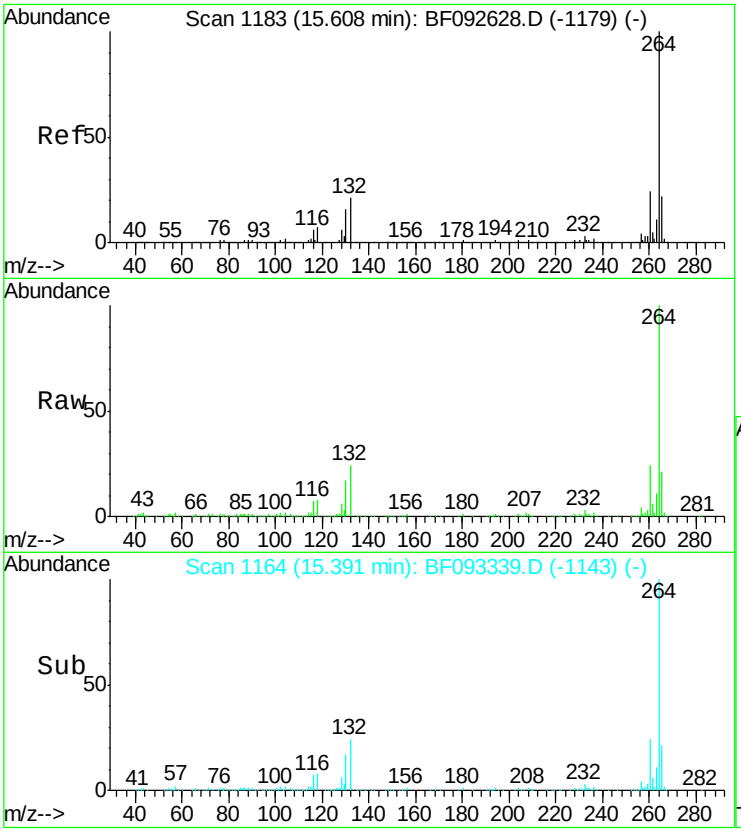


#78
Terphenyl-d14
Concen: 78.15 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion:244 Resp: 1446284

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.9	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion:264 Resp: 295166

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.4	26.0