Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083398.D
Acq On : 2 Dec 2015 4:05
Operator : UM/IZ
Sample : G4587-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Time: Dec 02 04:41:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	167450	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	659074	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	347122	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	651640	20.00	ng	0.00
75) Chrysene-d12	14.75	240	525755	20.00	ng	-0.01
86) Perylene-d12	16.81	264	428287	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	672142	60.23	ng	0.00
7) Phenol-d6	6.21	99	546905	35.81	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1263440	84.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	404727	116.15	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2146950	88.14	ng	0.00
78) Terphenyl-d14	13.22	244	2112102	95.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	27979	2.03	ng	# 74
19) n-Nitroso-di-n-propylamine	7.12	70	166160	15.22	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	44736	7.43	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	44729	5.85	ng	# 7
66) 4-Bromophenyl-phenylether	10.37	248	23900	3.35	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083398.D
Acq On : 2 Dec 2015 4:05
Operator : UM/IZ
Sample : G4587-07
Misc :
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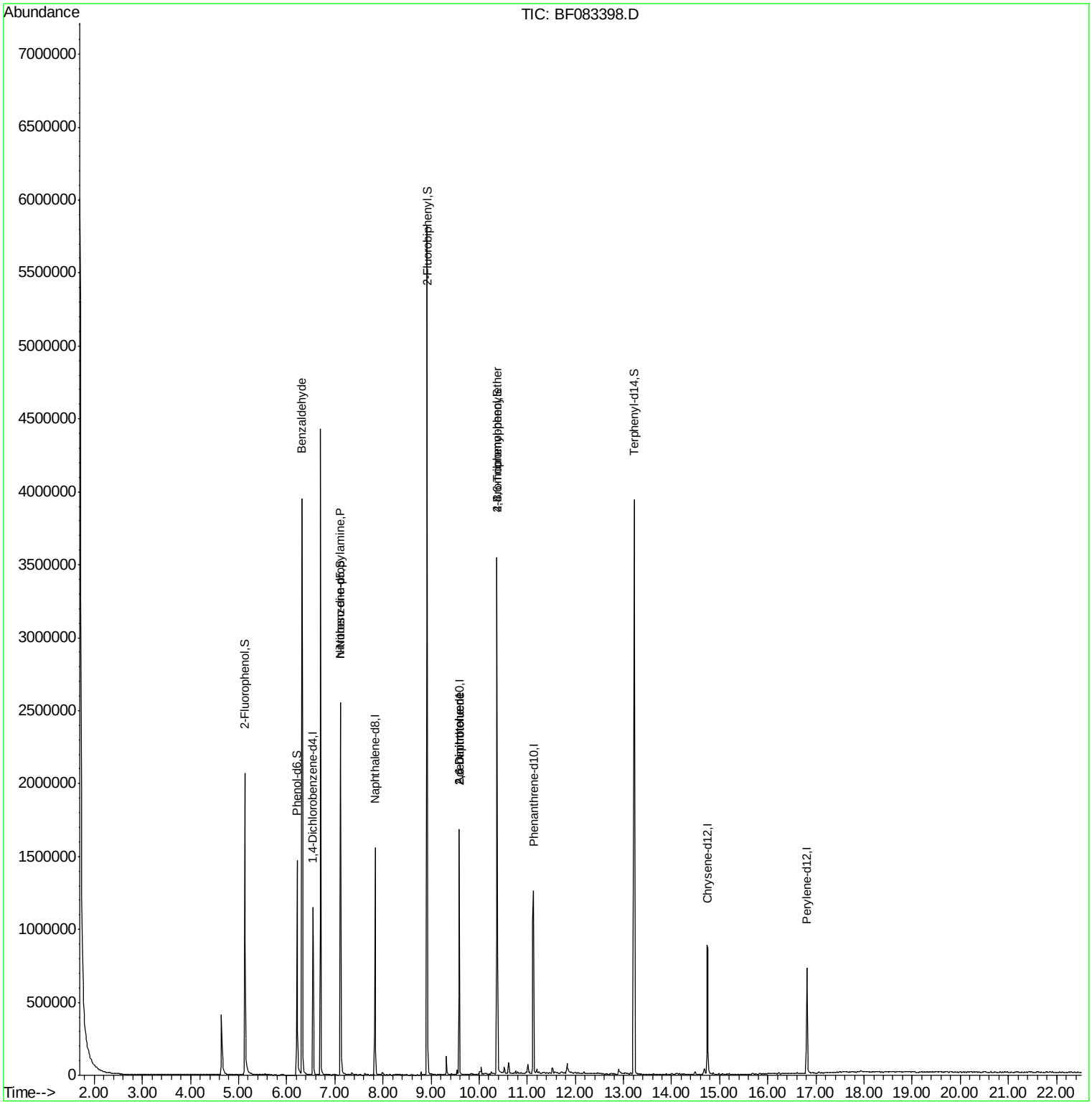
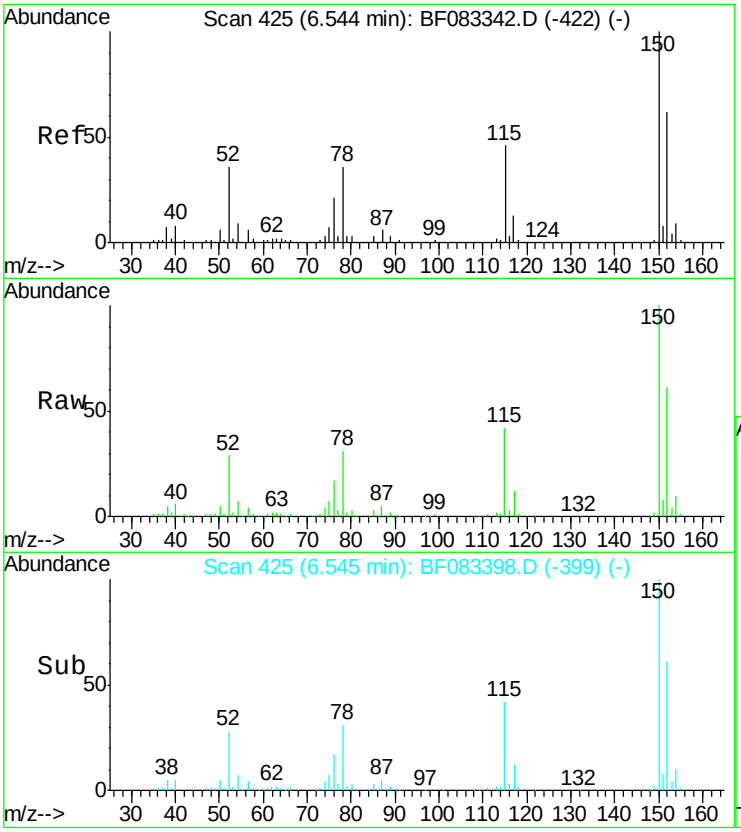


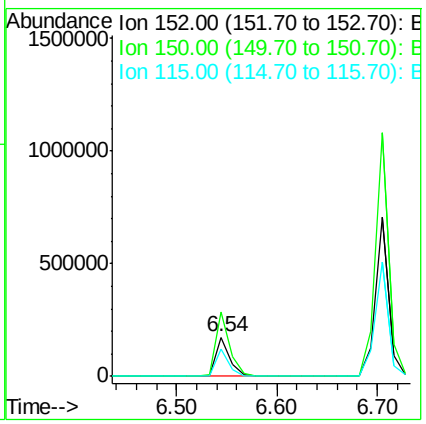


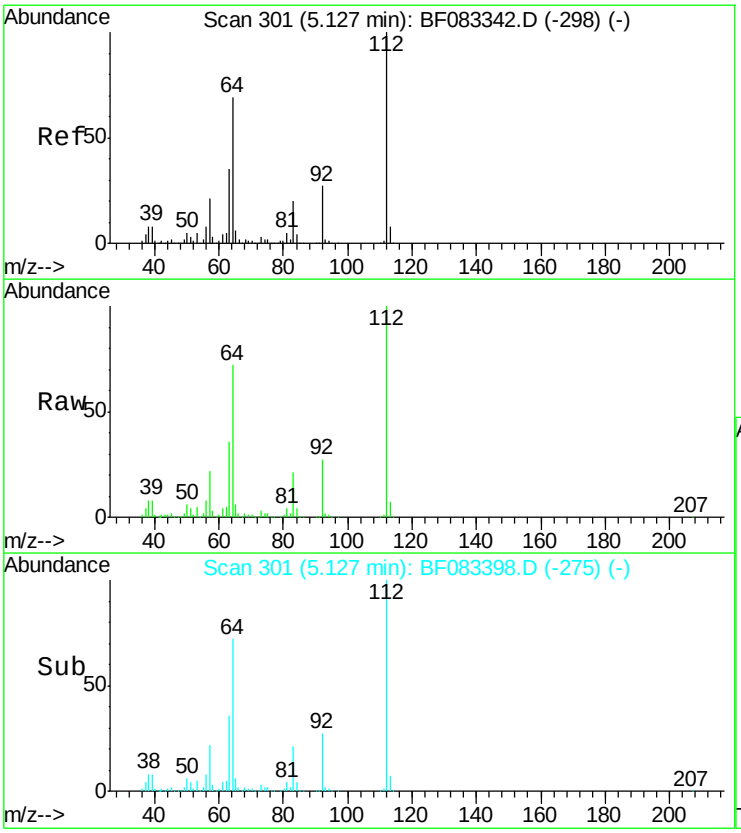
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 167450

Ion	Ratio	Lower	Upper
152	100		
150	165.0	129.8	194.8
115	69.7	59.2	88.8

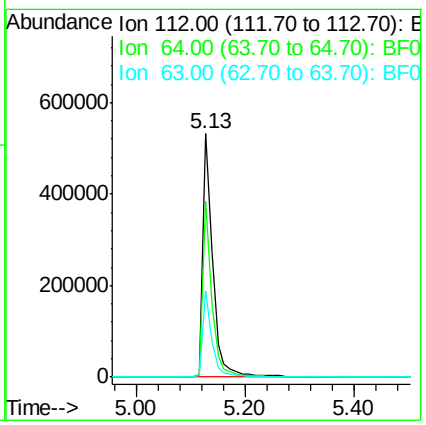


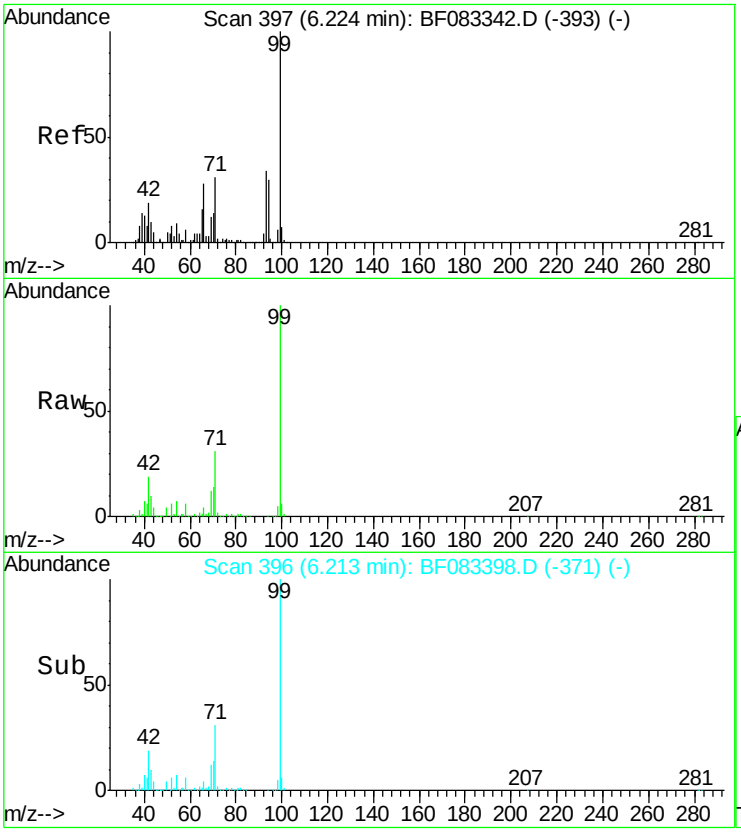


#5
2-Fluorophenol
Concen: 60.23 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:112 Resp: 672142

Ion	Ratio	Lower	Upper
112	100		
64	71.9	55.6	83.4
63	35.6	28.2	42.2



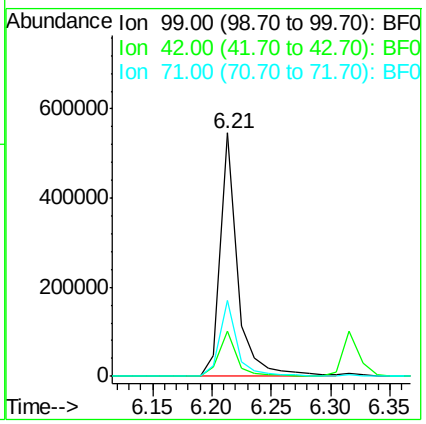


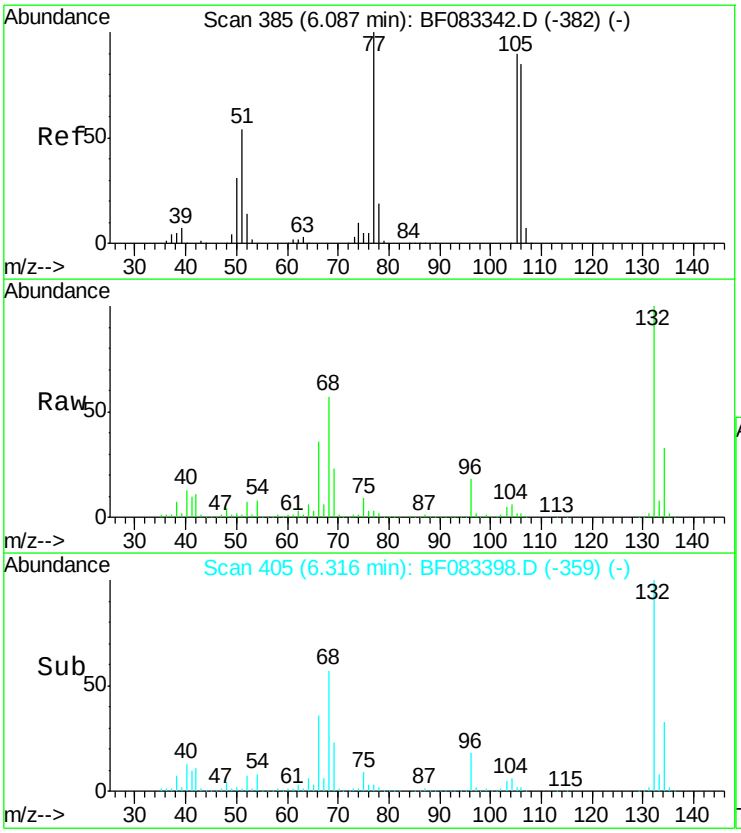
#7
Phenol-d6
Concen: 35.81 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion: 99 Resp: 546905

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	31.0	24.7	37.1

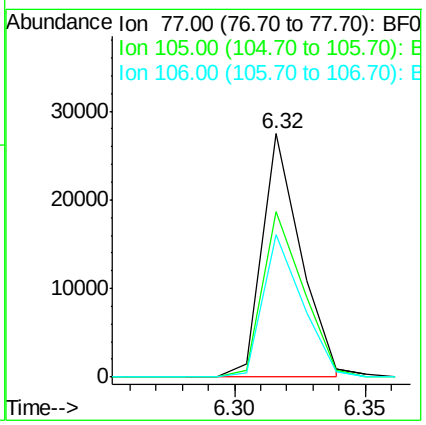


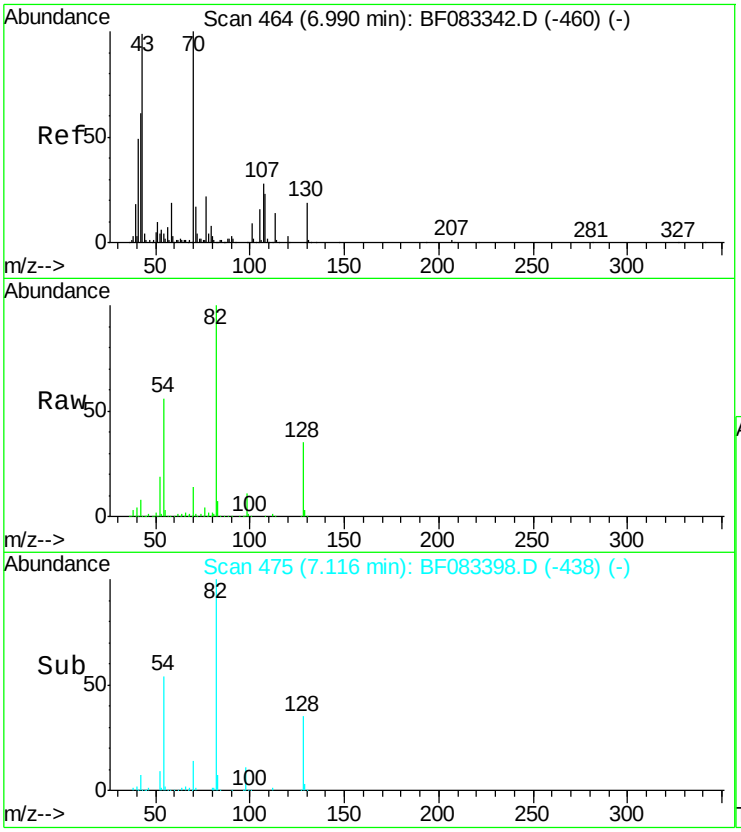


#9
Benzaldehyde
Concen: 2.03 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.23 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion: 77 Resp: 27979

Ion	Ratio	Lower	Upper
77	100		
105	68.2	70.0	110.0#
106	58.3	65.0	105.0#



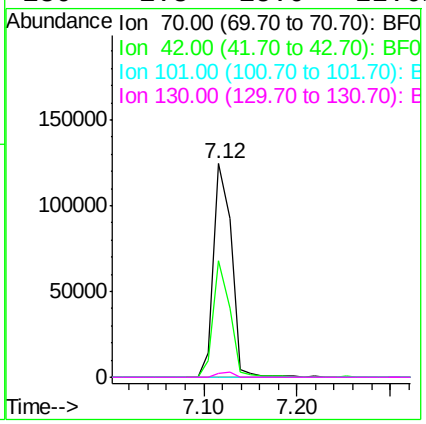


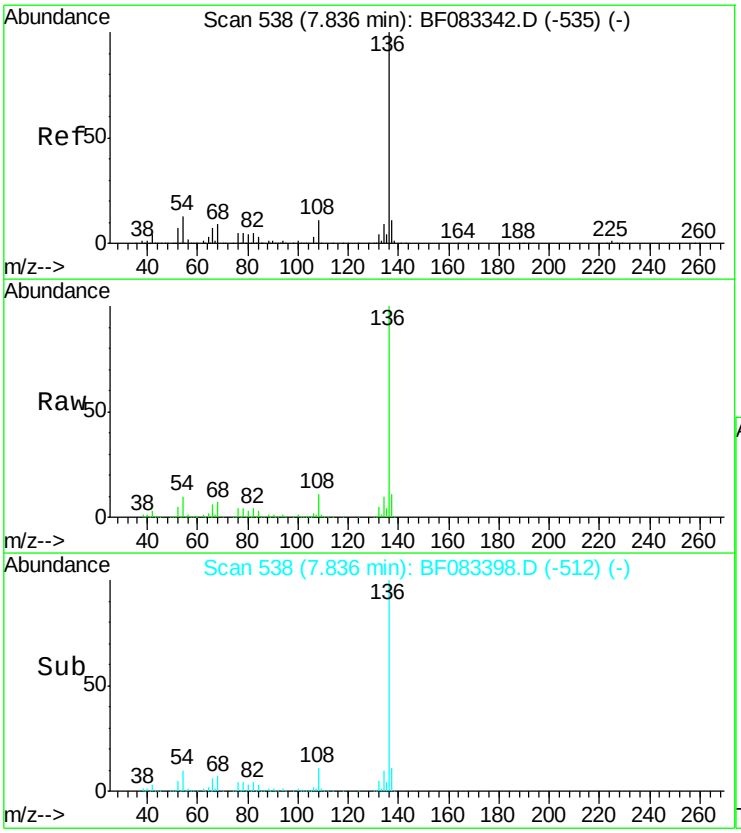
#19
n-Nitroso-di-n-propylamine
Concen: 15.22 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion: 70 Resp: 166160

Ion	Ratio	Lower	Upper
70	100		
42	54.6	48.8	73.2
101	0.0	7.1	10.7#
130	1.8	15.0	22.6#

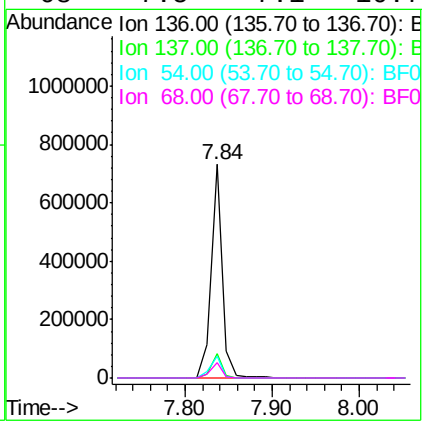


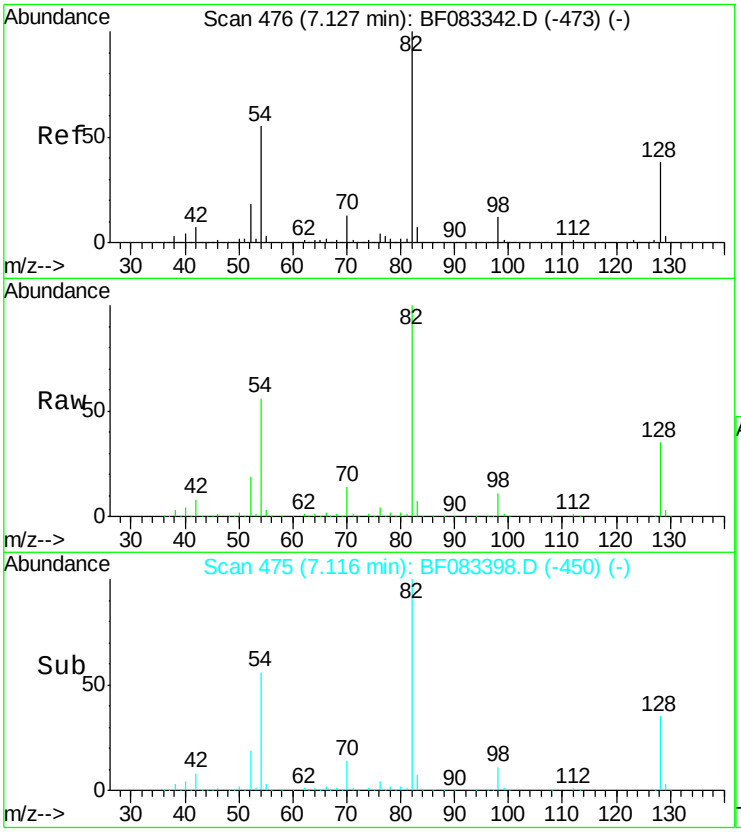


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:136 Resp: 659074

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.4	10.1	15.1
68	7.5	7.1	10.7



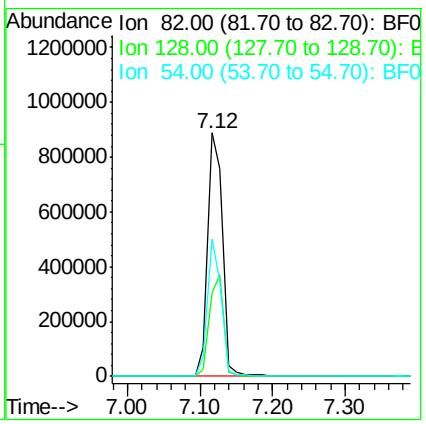


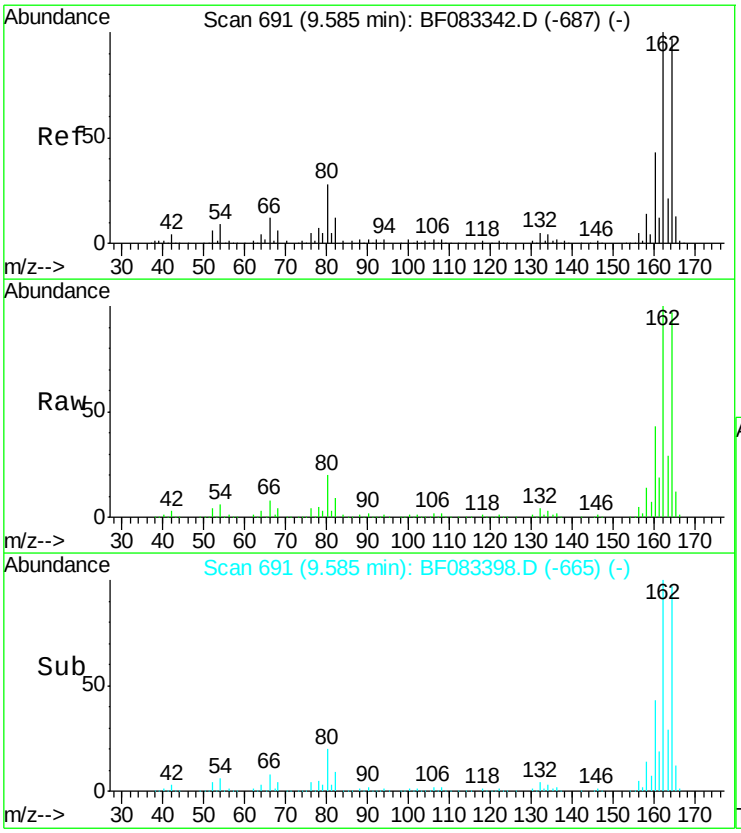
#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion: 82 Resp: 1263440

Ion	Ratio	Lower	Upper
82	100		
128	34.6	30.6	46.0
54	56.4	43.8	65.6

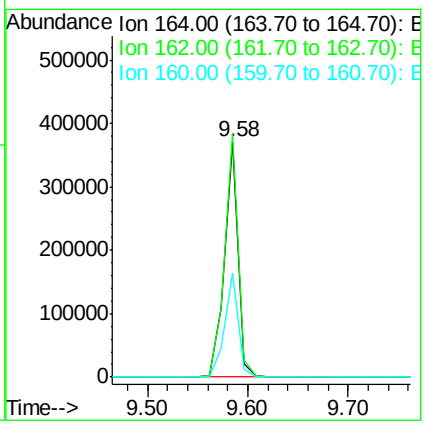


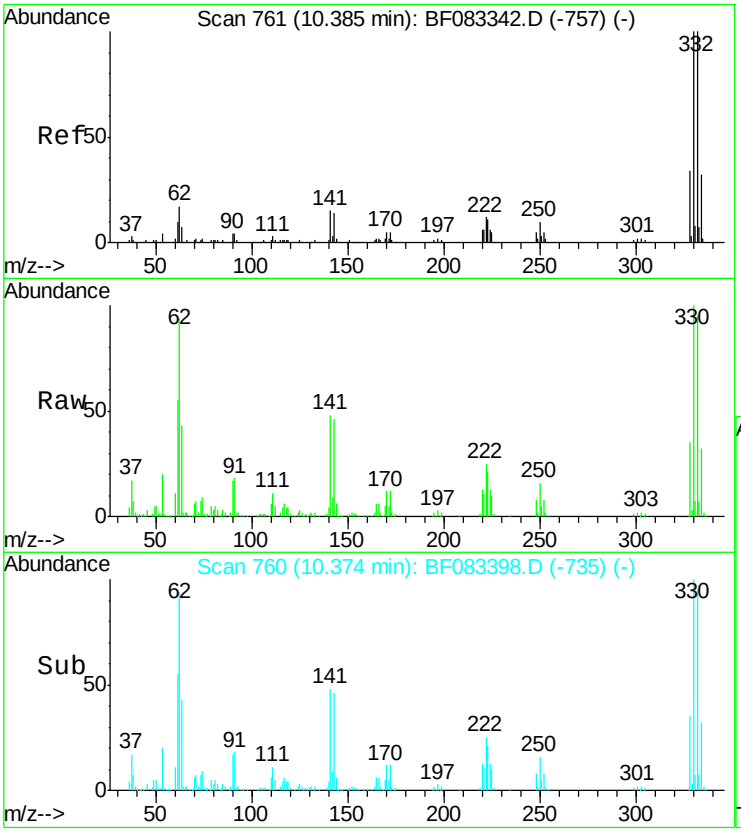


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:164 Resp: 347122

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.3	35.3	52.9



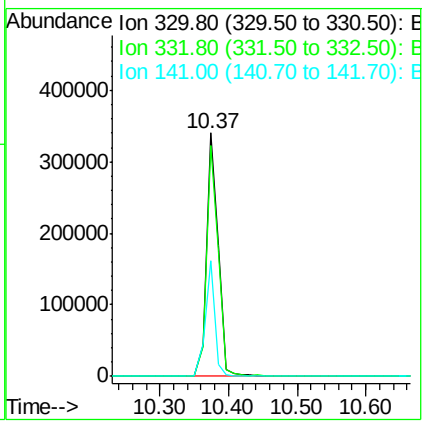


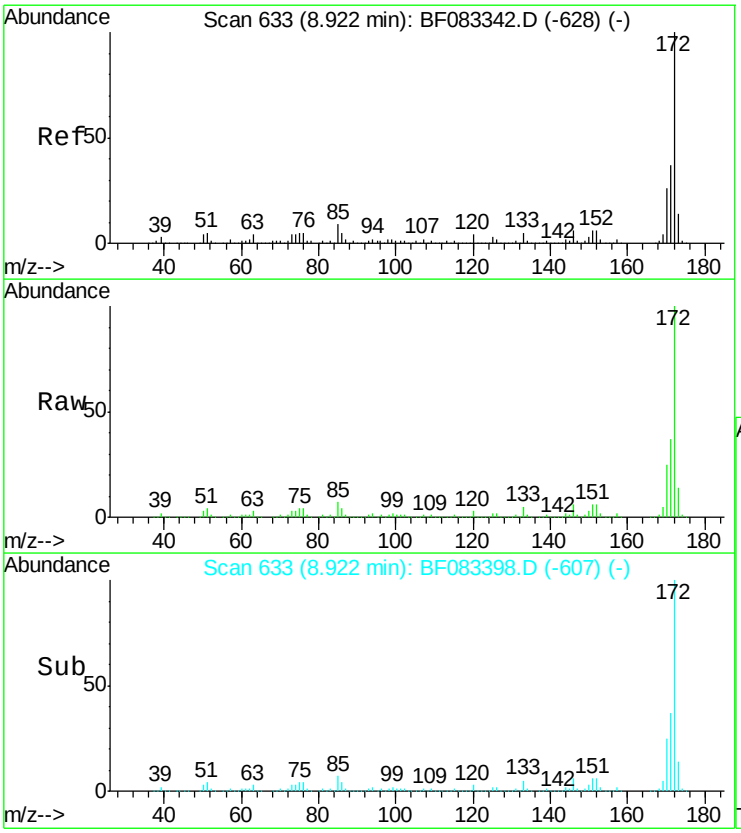
#41
2,4,6-Tribromophenol
Concen: 116.15 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:330 Resp: 404727

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	39.5	29.4	44.0

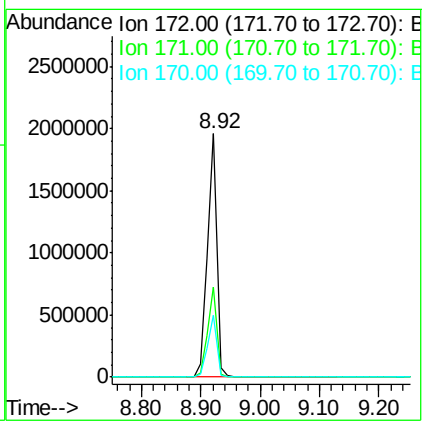


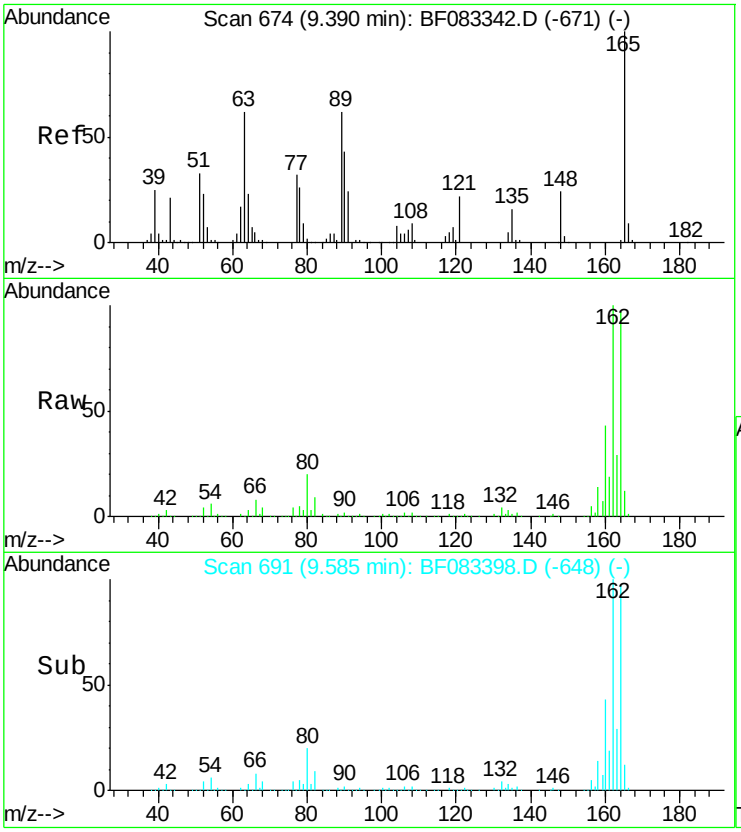


#44
2-Fluorobiphenyl
Concen: 88.14 ng
RT: 8.92 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:172 Resp: 2146950

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	25.4	20.4	30.6



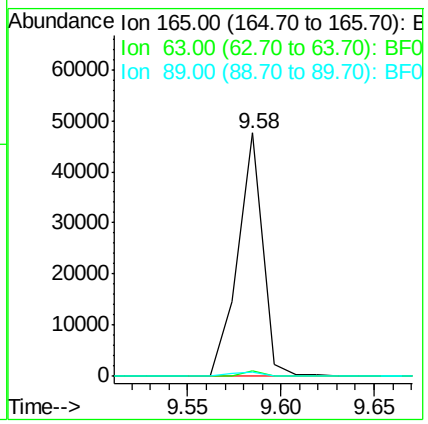


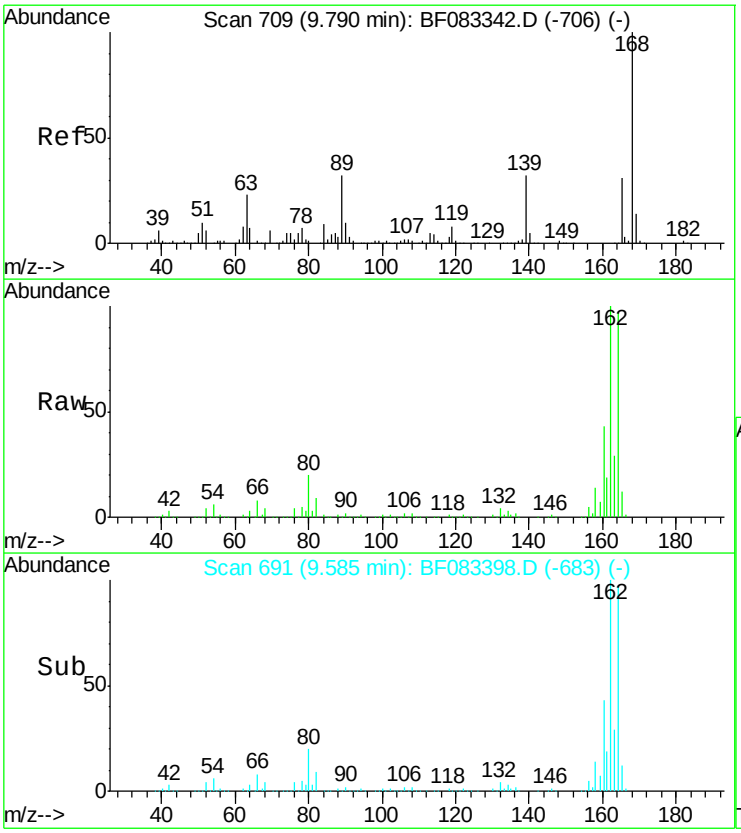
#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.19 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:165 Resp: 44736

Ion	Ratio	Lower	Upper
165	100		
63	2.2	56.0	84.0#
89	1.8	49.8	74.8#

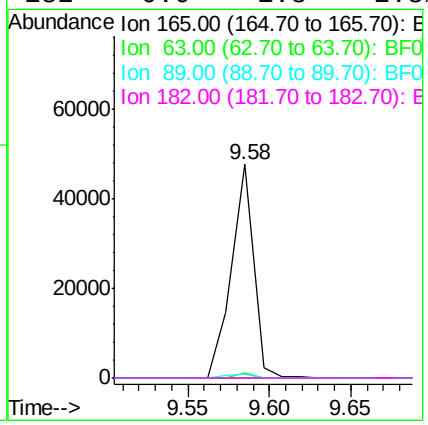


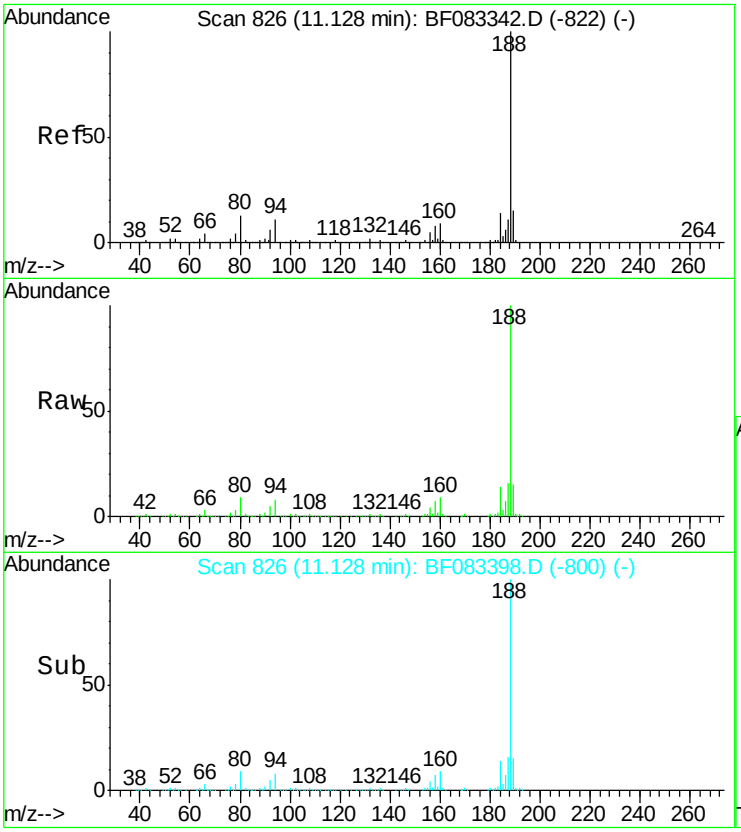


#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:165 Resp: 44729

Ion	Ratio	Lower	Upper
165	100		
63	2.2	65.4	98.0#
89	1.8	81.2	121.8#
182	0.0	1.8	2.8#



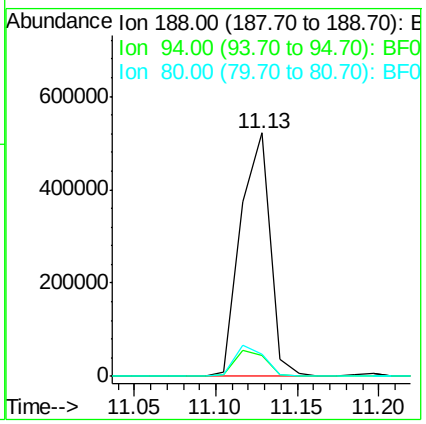


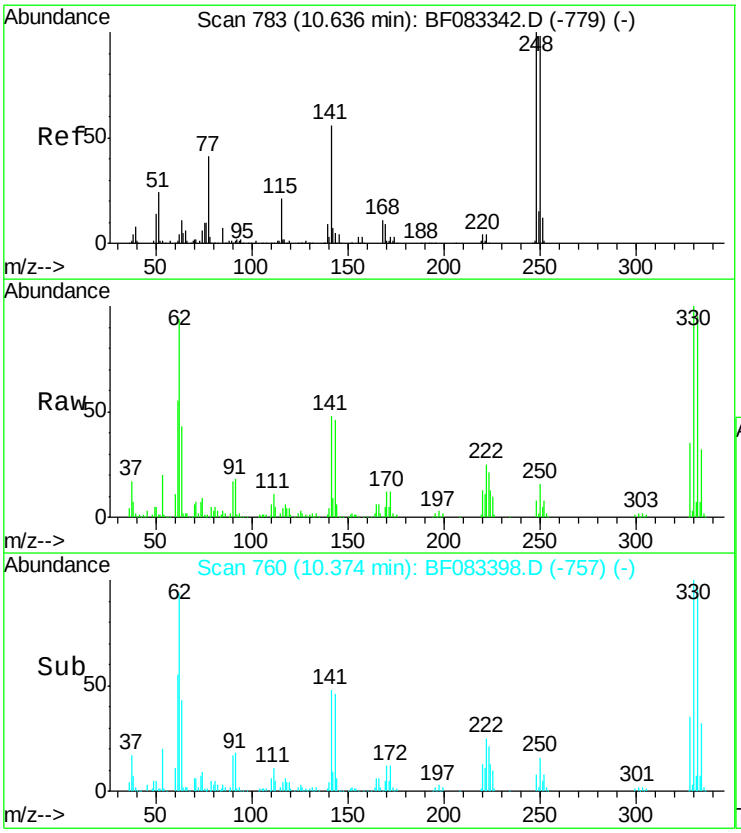
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:188 Resp: 651640

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.7	13.1#
80	9.1	10.3	15.5#

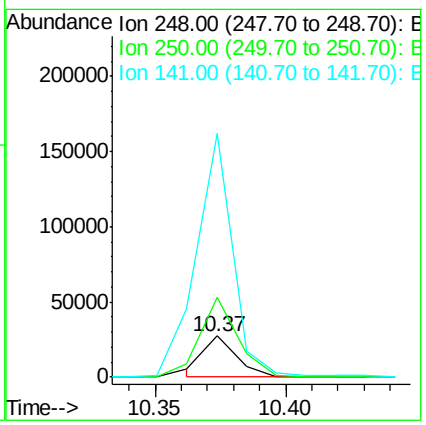


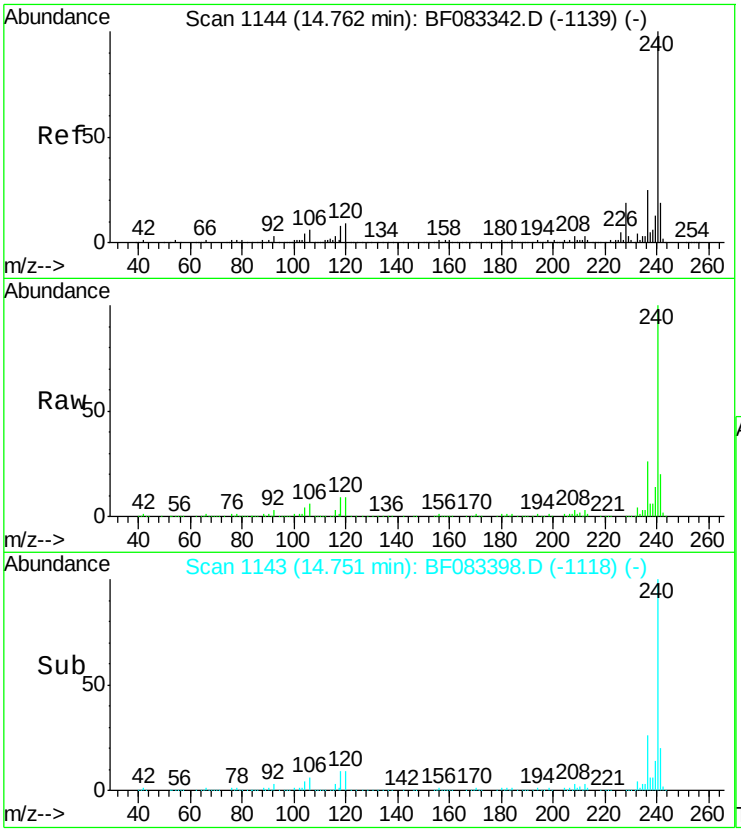


#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:248 Resp: 23900

Ion	Ratio	Lower	Upper
248	100		
250	196.2	78.6	118.0#
141	596.3	44.4	66.6#



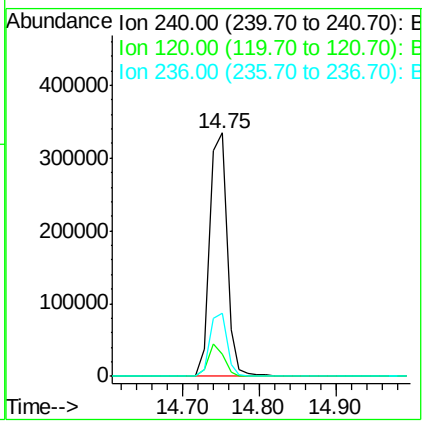


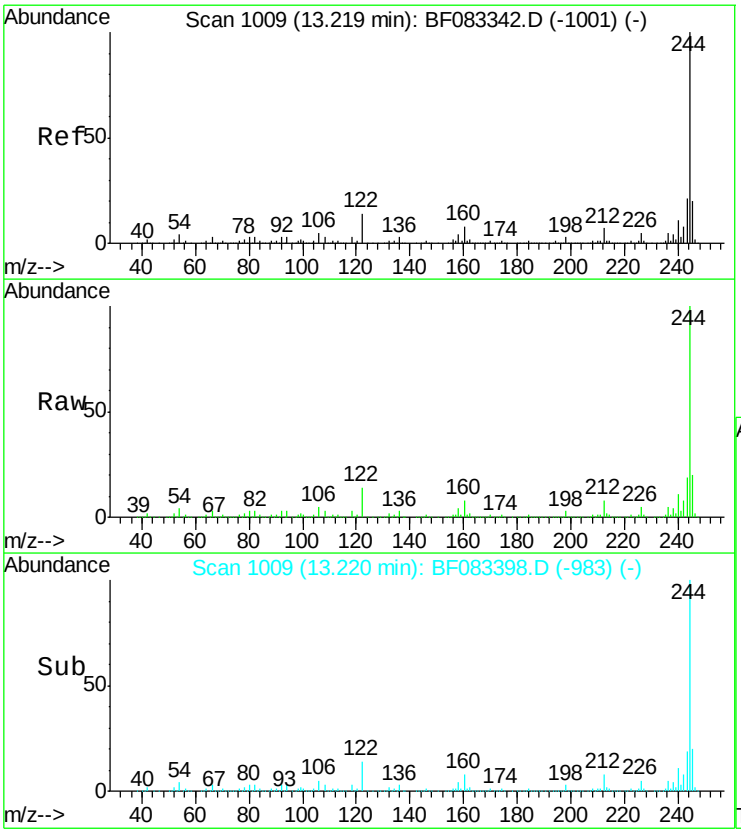
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:240 Resp: 525755

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.7	19.8	29.6

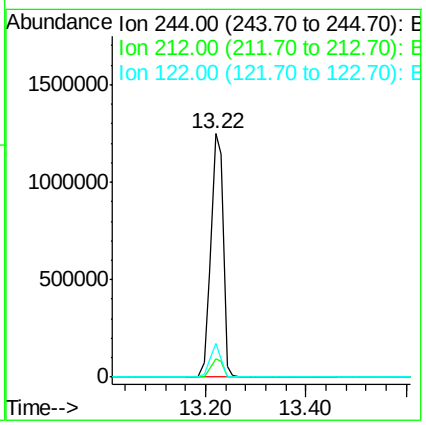


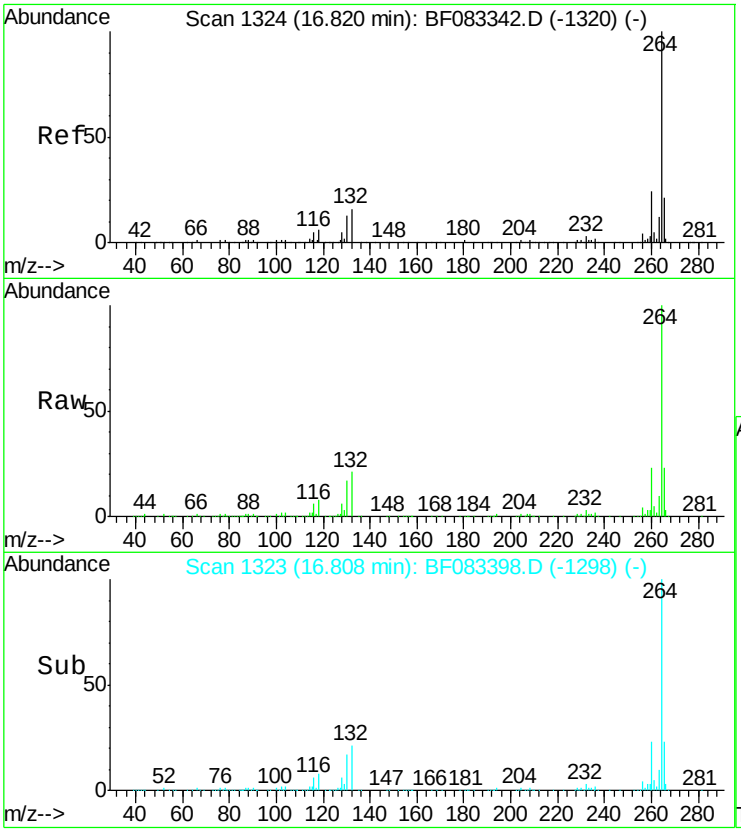


#78
Terphenyl-d14
Concen: 95.81 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:244 Resp: 2112102

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:264 Resp: 428287

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.8	16.8	25.2