Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083059.D
Acq On : 20 Nov 2015 3:25
Operator : UM/IZ
Sample : G4436-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-1350

Quant Time: Nov 20 07:04:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120498	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	454703	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	241649	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	500577	20.00	ng		0.00
75) Chrysene-d12	13.85	240	489458	20.00	ng		-0.01
86) Perylene-d12	15.23	264	418809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	922983	118.97	ng		0.02
7) Phenol-d6	6.35	99	988656	96.76	ng		0.00
23) Nitrobenzene-d5	7.26	82	785175	79.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	360451	140.49	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1364068	76.02	ng		-0.01
78) Terphenyl-d14	12.81	244	1439375	69.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	26981	3.55	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	105822	14.17	ng	#	76
25) Isophorone	7.26	82	625769	33.40	ng	#	69
50) 2,6-Dinitrotoluene	9.73	165	30084	7.02	ng	#	27
56) 2,4-Dinitrotoluene	9.73	165	30084	5.24	ng	#	18
66) 4-Bromophenyl-phenylether	10.53	248	23703	4.09	ng	#	1

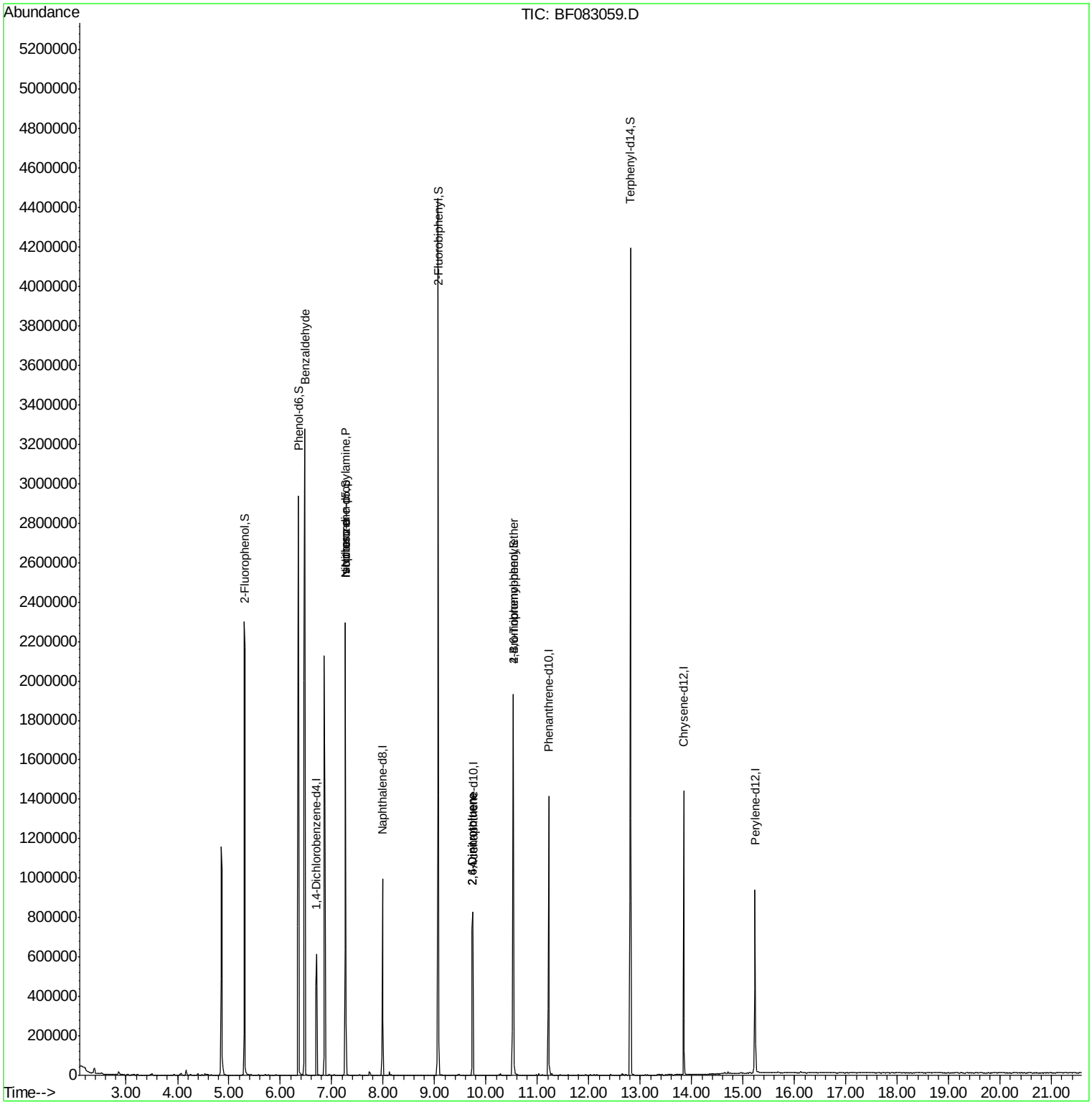
(#) = qualifier out of range (m) = manual integration (+) = signals summed

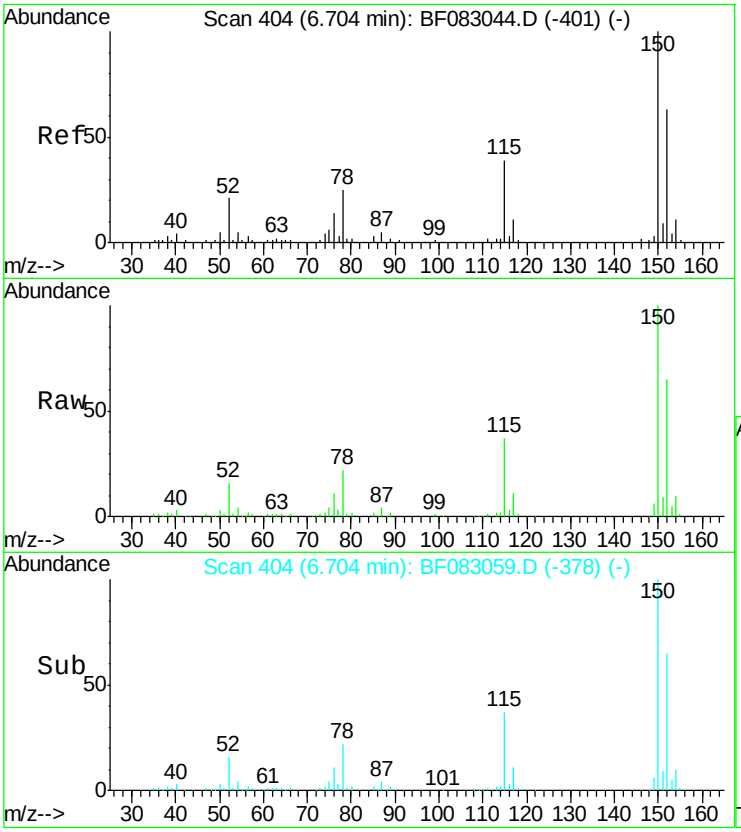
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083059.D
Acq On : 20 Nov 2015 3:25
Operator : UM/IZ
Sample : G4436-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-1350

Quant Time: Nov 20 07:04:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration



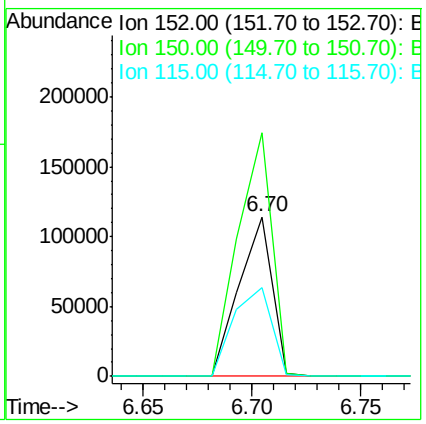


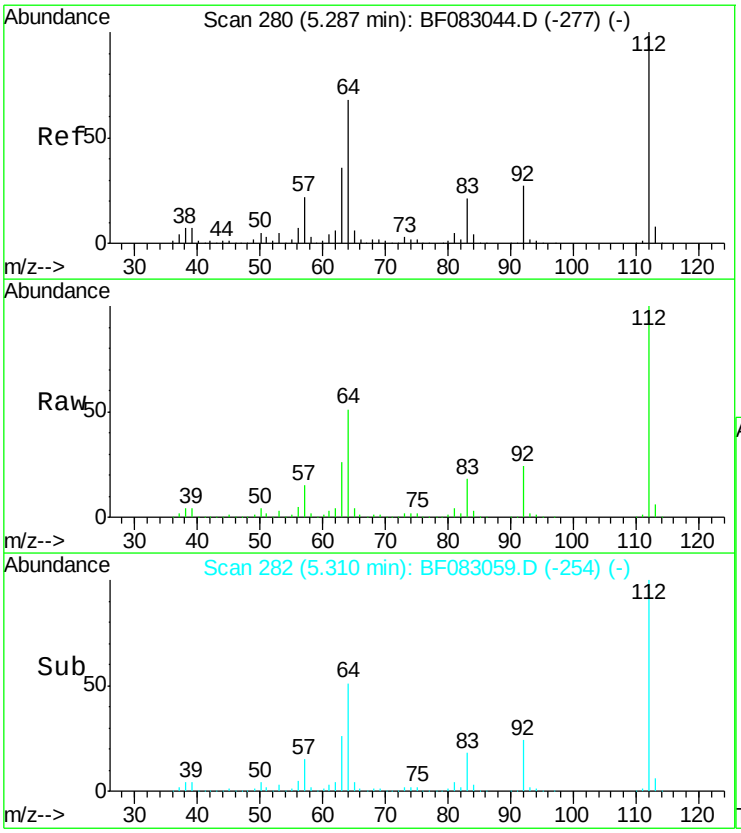
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:152 Resp: 120498

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.4	189.6
115	56.0	49.0	73.6

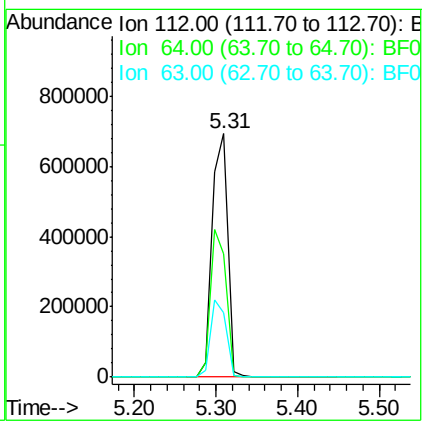


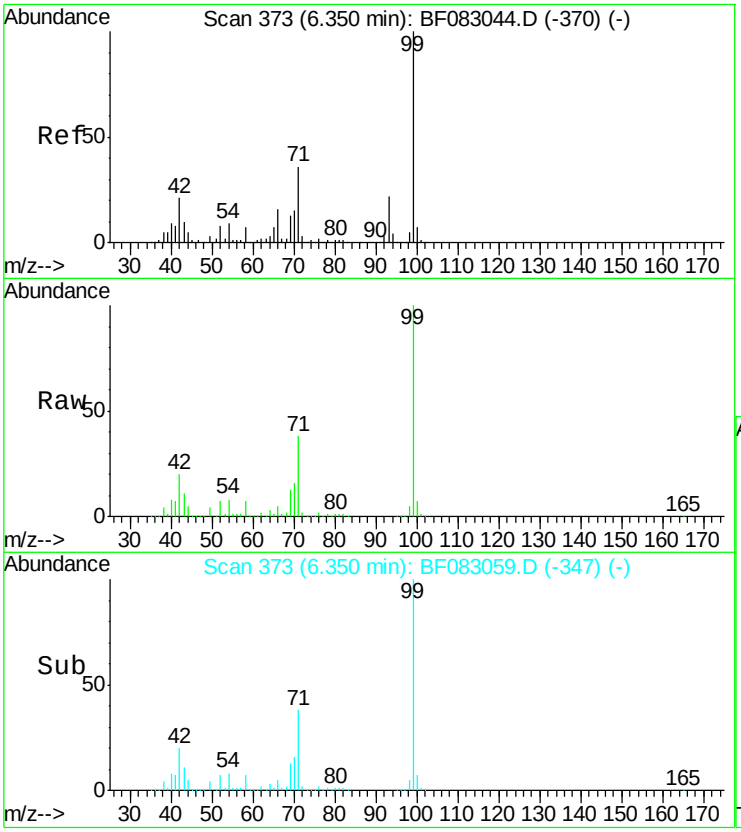


#5
2-Fluorophenol
Concen: 118.97 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:112 Resp: 922983

Ion	Ratio	Lower	Upper
112	100		
64	50.9	54.8	82.2#
63	26.3	29.0	43.4#



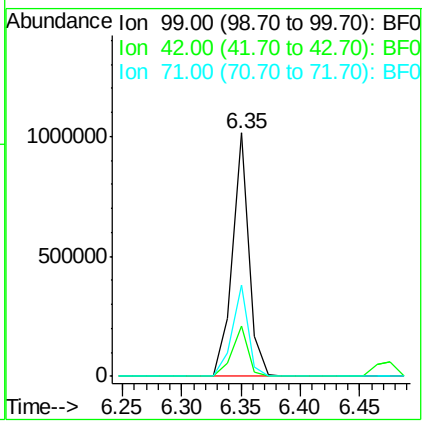


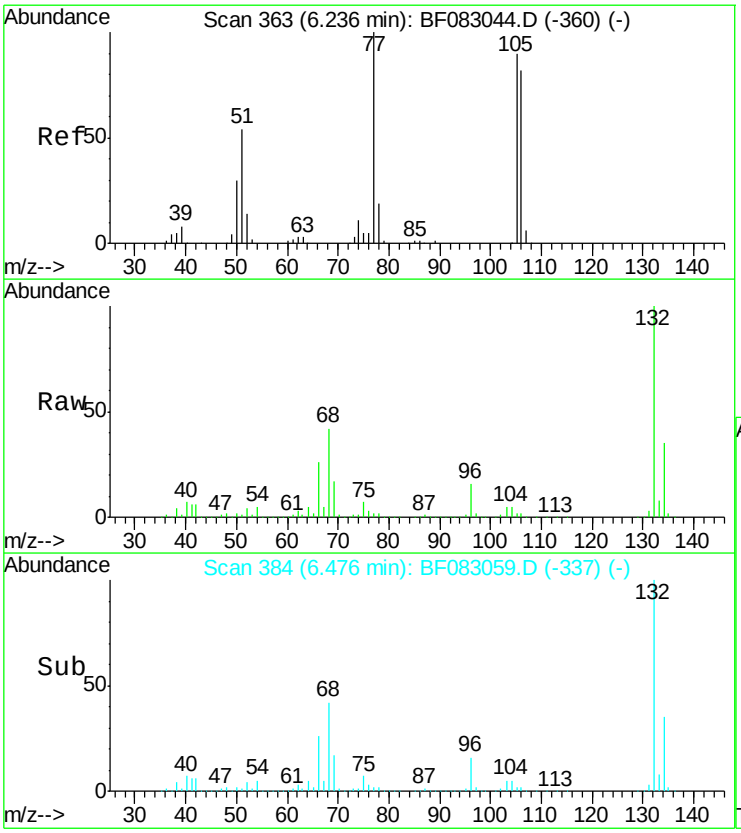
#7
Phenol-d6
Concen: 96.76 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion: 99 Resp: 988656

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	25.0
71	37.7	29.2	43.8

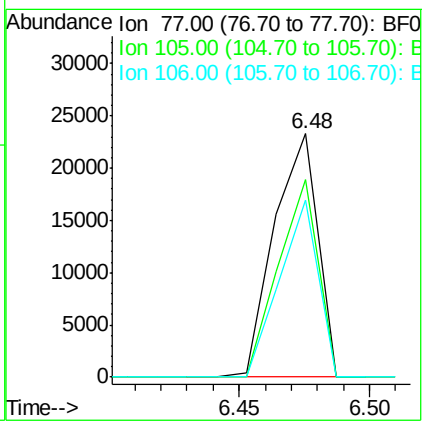


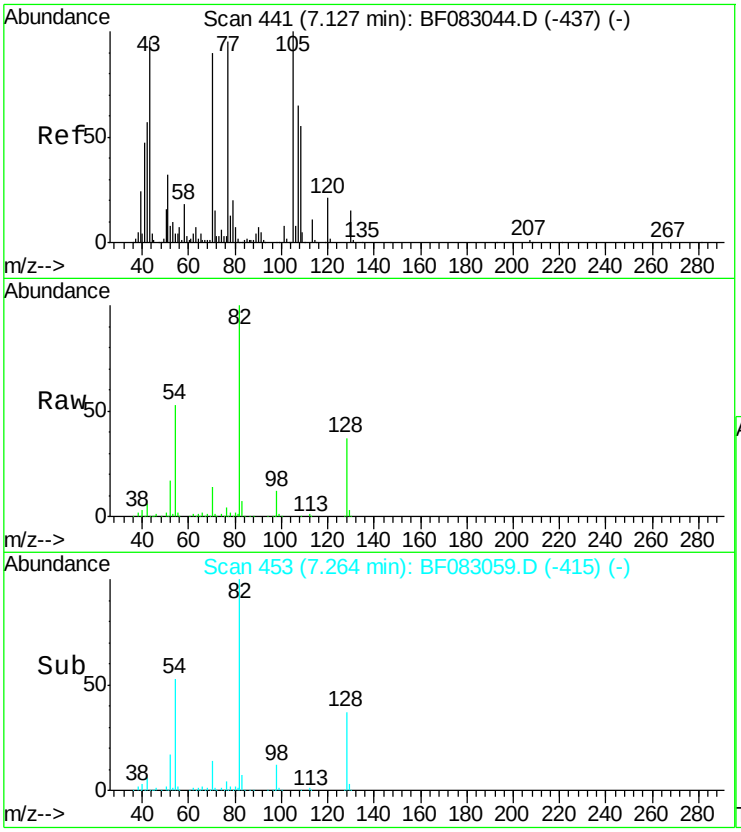


#9
Benzaldehyde
Concen: 3.55 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.24 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion: 77 Resp: 26981

Ion	Ratio	Lower	Upper
77	100		
105	81.0	69.6	109.6
106	72.9	62.0	102.0



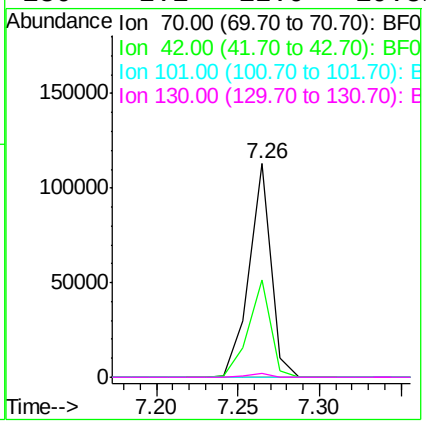


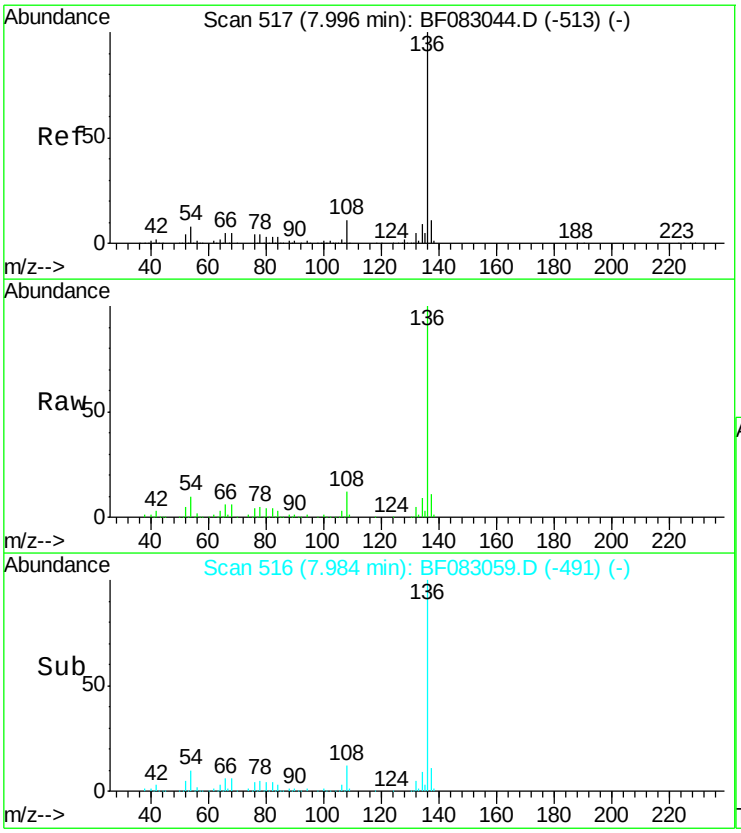
#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion: 70 Resp: 105822

Ion	Ratio	Lower	Upper
70	100		
42	45.7	50.2	75.2#
101	0.0	6.8	10.2#
130	2.1	12.9	19.3#

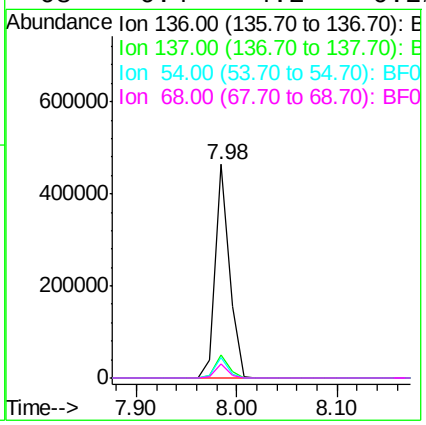


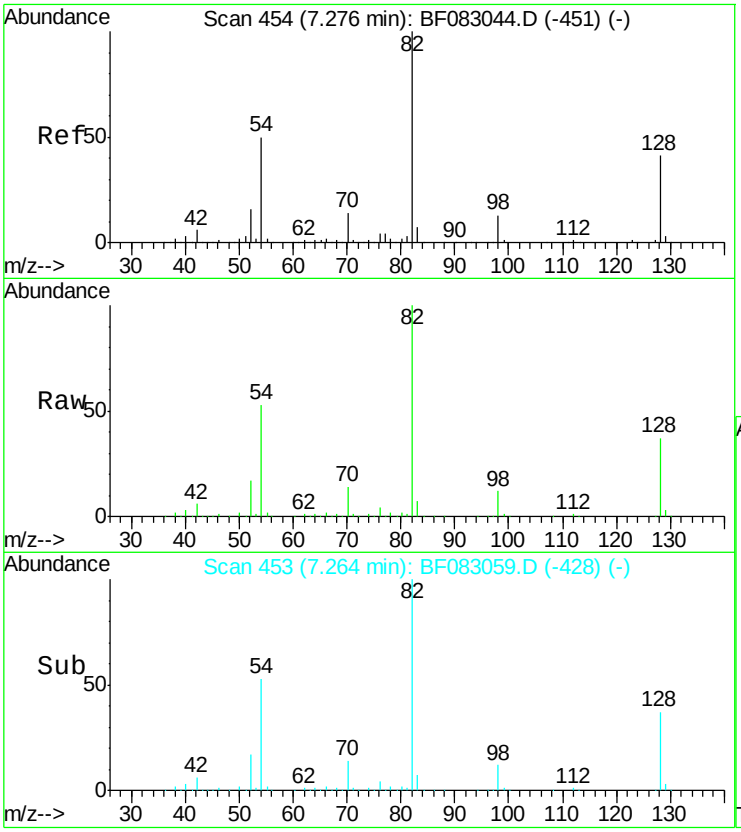


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:136 Resp: 454703

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	6.2	9.2#
68	6.4	4.2	6.2#



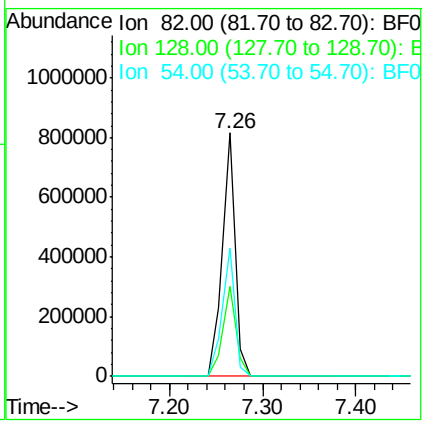


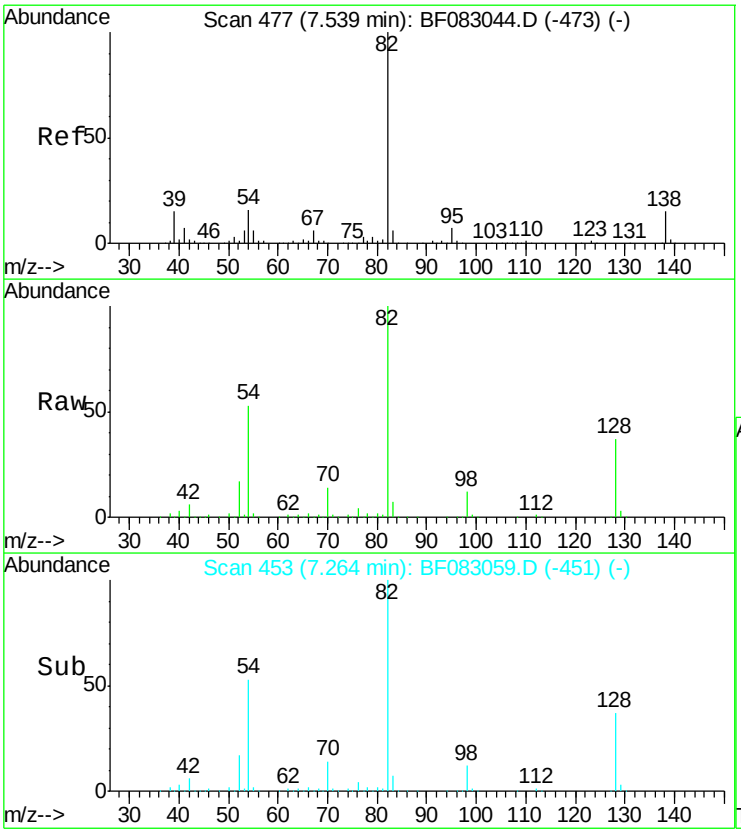
#23
Nitrobenzene-d5
Concen: 79.05 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion: 82 Resp: 785175

Ion	Ratio	Lower	Upper
82	100		
128	37.1	33.1	49.7
54	52.9	39.8	59.6

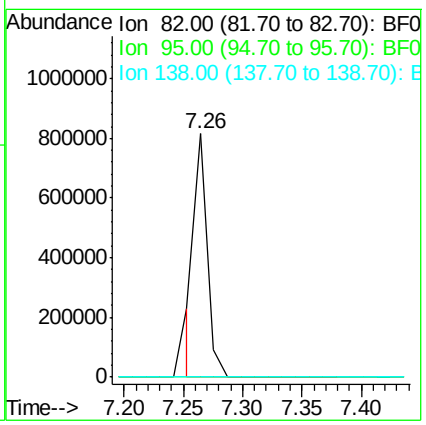


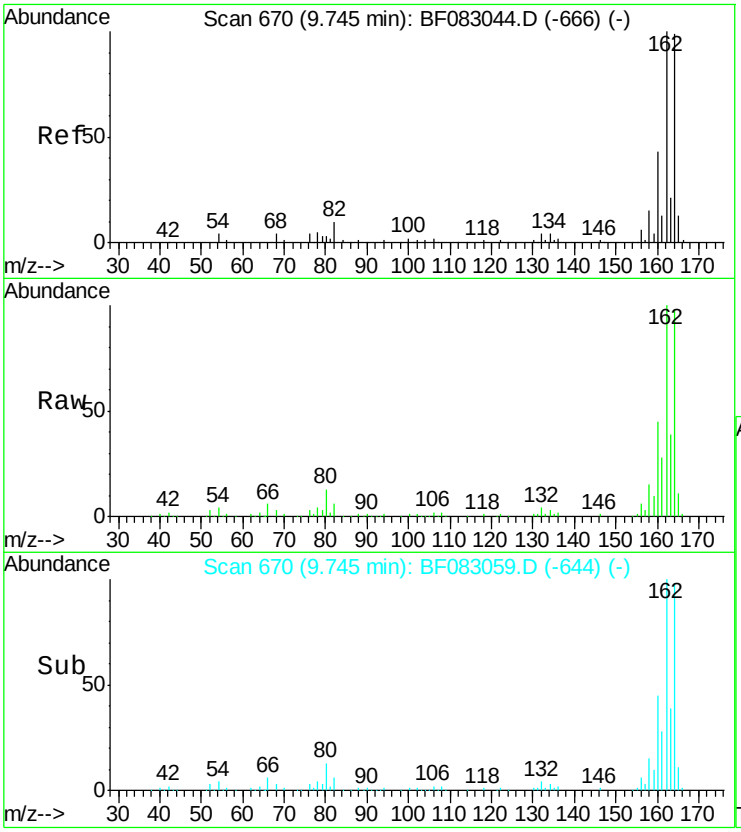


#25
Isophorone
Concen: 33.40 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion: 82 Resp: 625769

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#



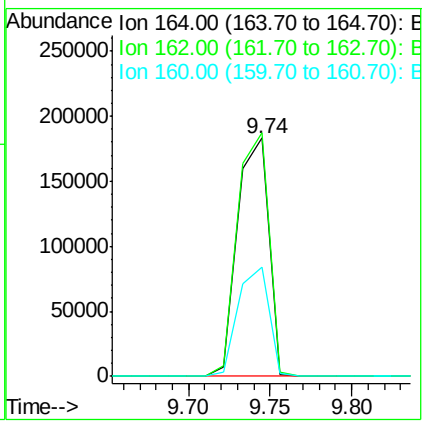


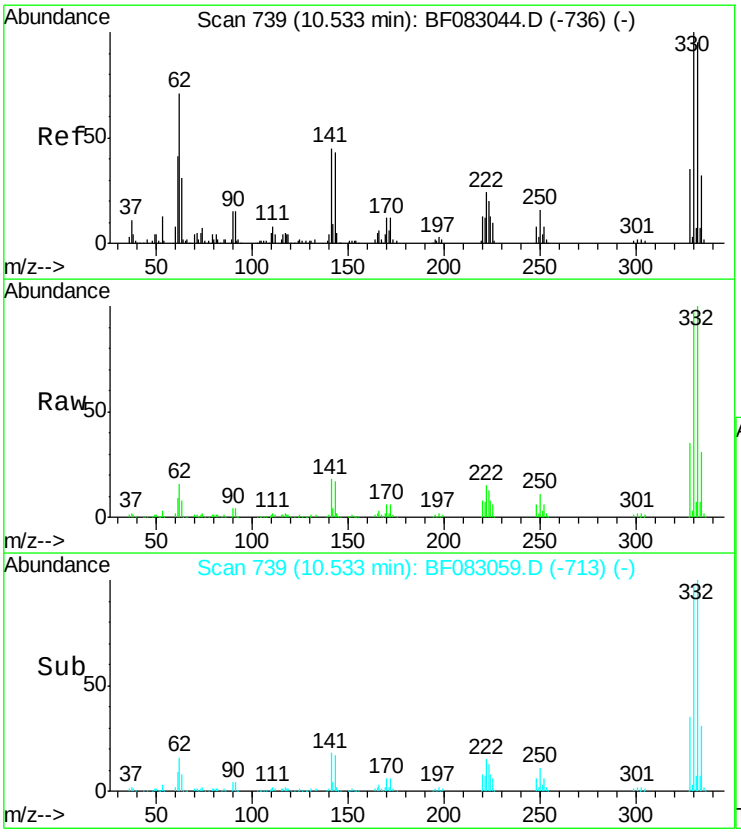
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:164 Resp: 241649

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.5	120.7
160	45.8	35.0	52.4

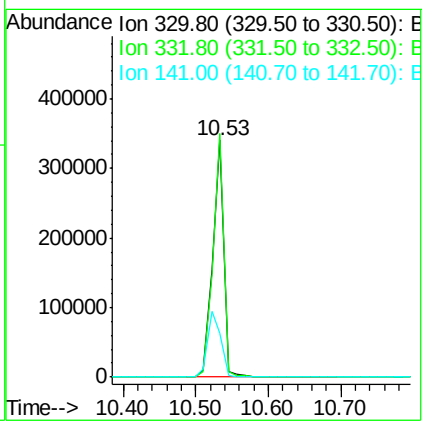


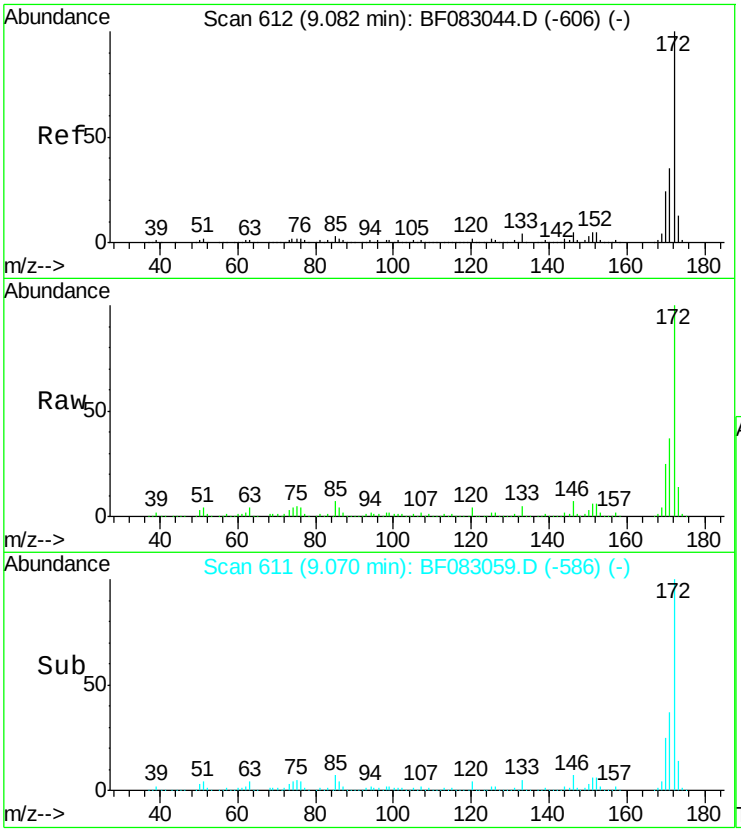


#41
2,4,6-Tribromophenol
Concen: 140.49 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:330 Resp: 360451

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.6	116.4
141	33.3	34.6	52.0#



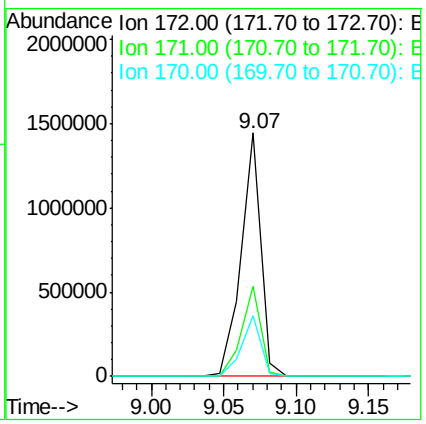


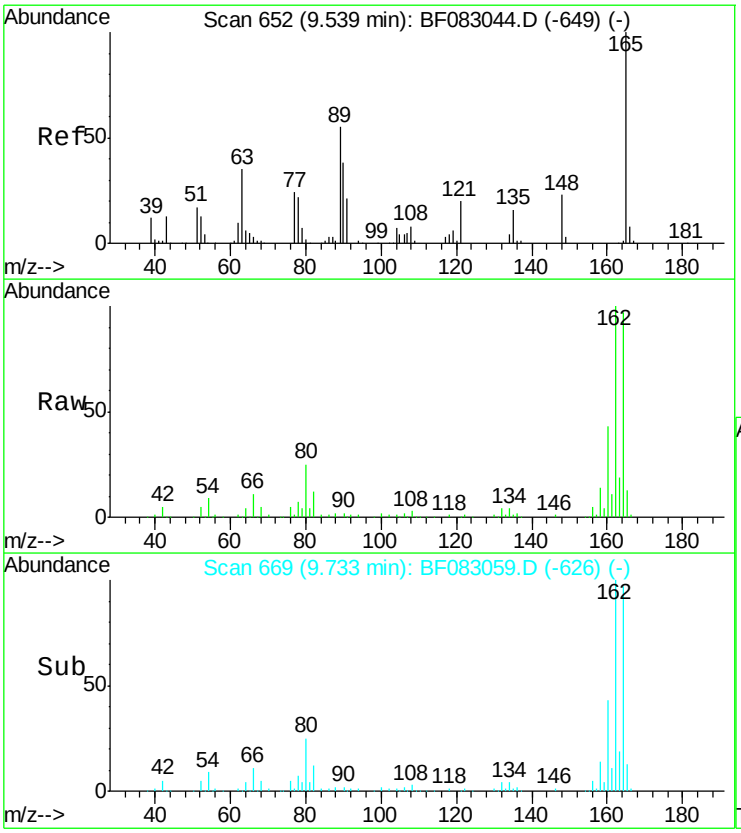
#44
2-Fluorobiphenyl
Concen: 76.02 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:172 Resp: 1364068

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.4
170	25.1	19.4	29.0

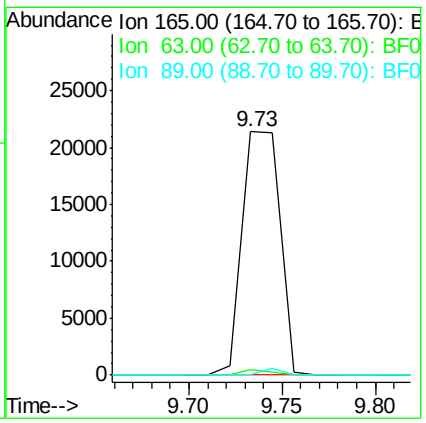


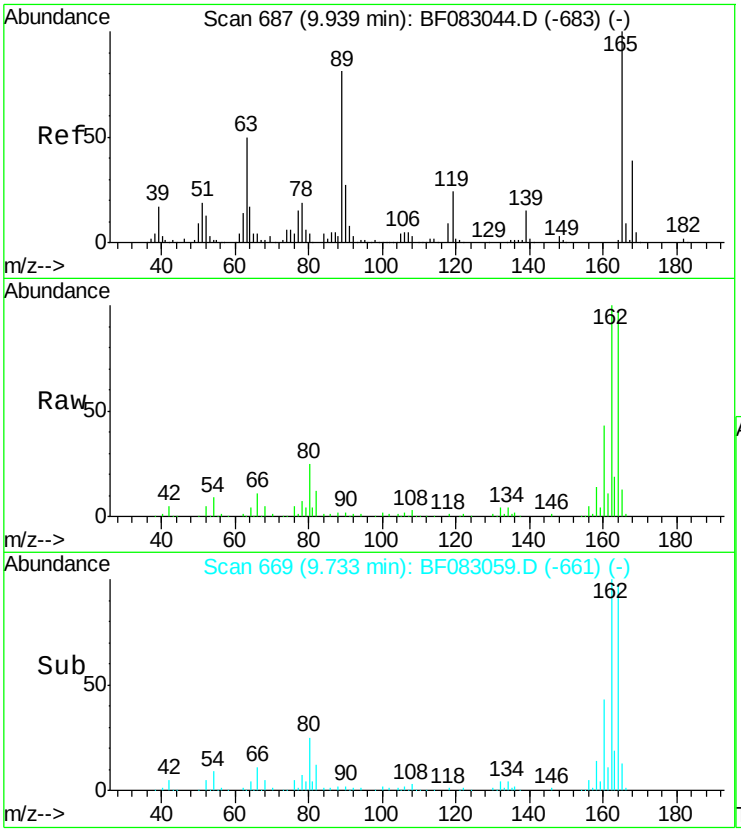


#50
2,6-Dinitrotoluene
Concen: 7.02 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.19 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:165 Resp: 30084

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.6	61.0#
89	0.0	44.5	66.7#



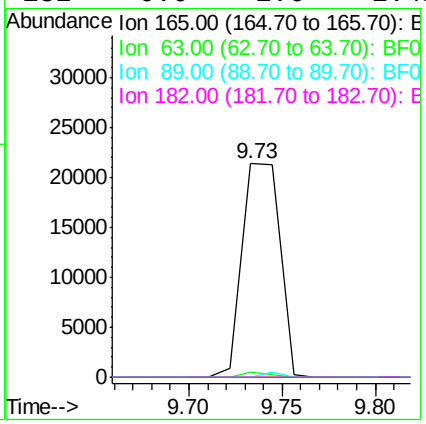


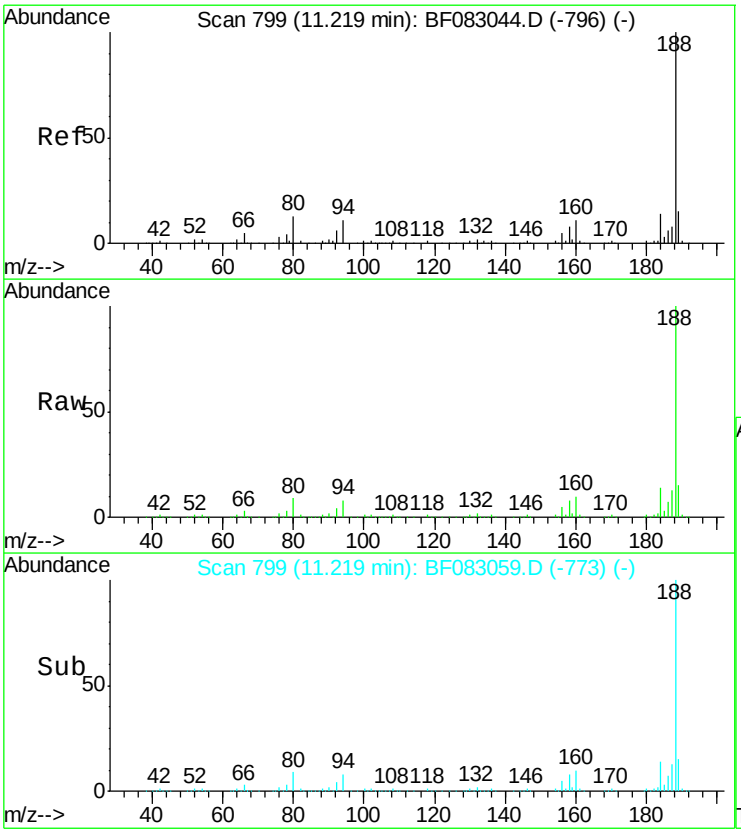
#56
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.21 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:165 Resp: 30084

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.6	61.0#
89	0.0	64.4	96.6#
182	0.0	1.6	2.4#

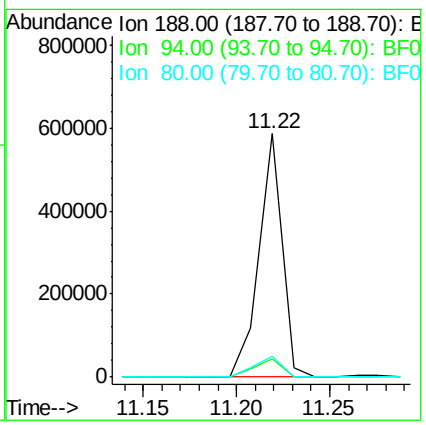


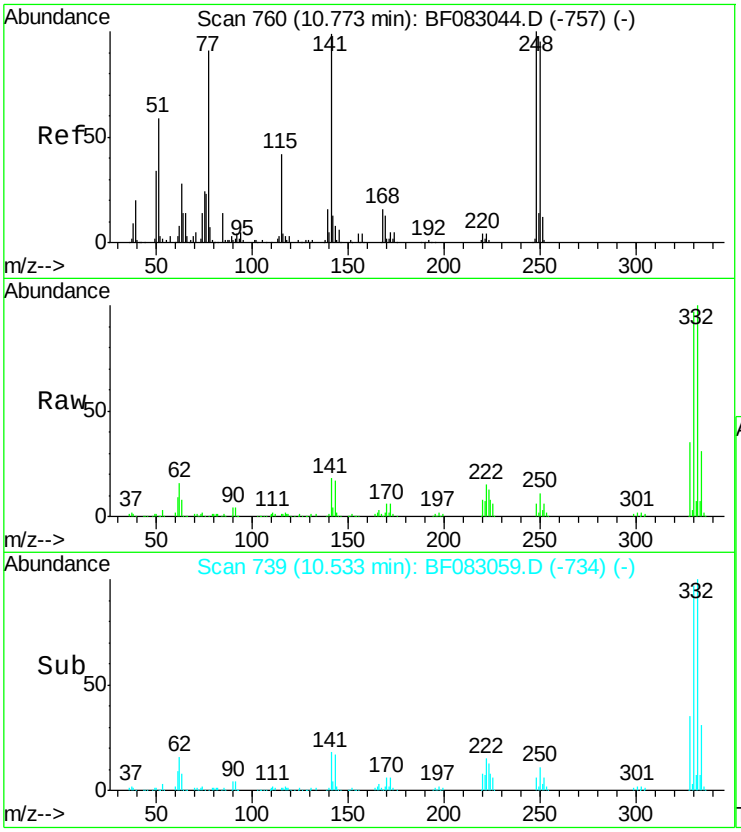


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:188 Resp: 500577

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.4#
80	8.8	10.2	15.4#



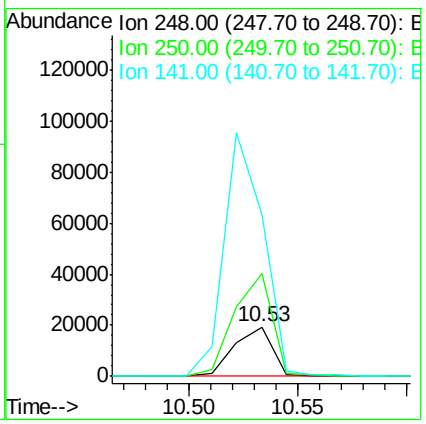


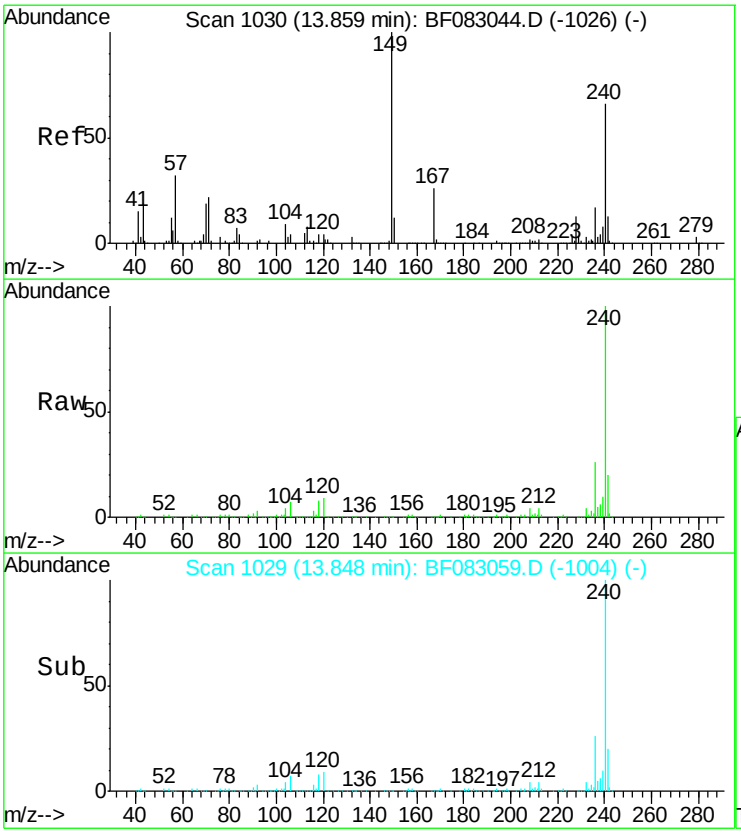
#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:248 Resp: 23703

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.1	114.1#
141	326.8	79.2	118.8#

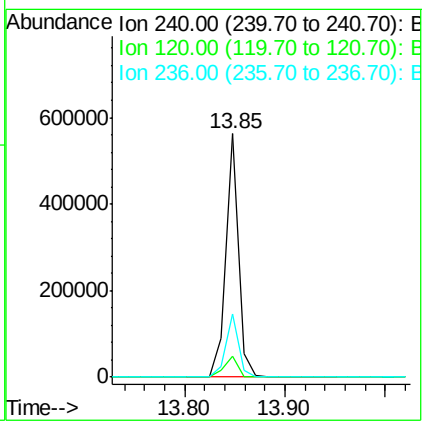


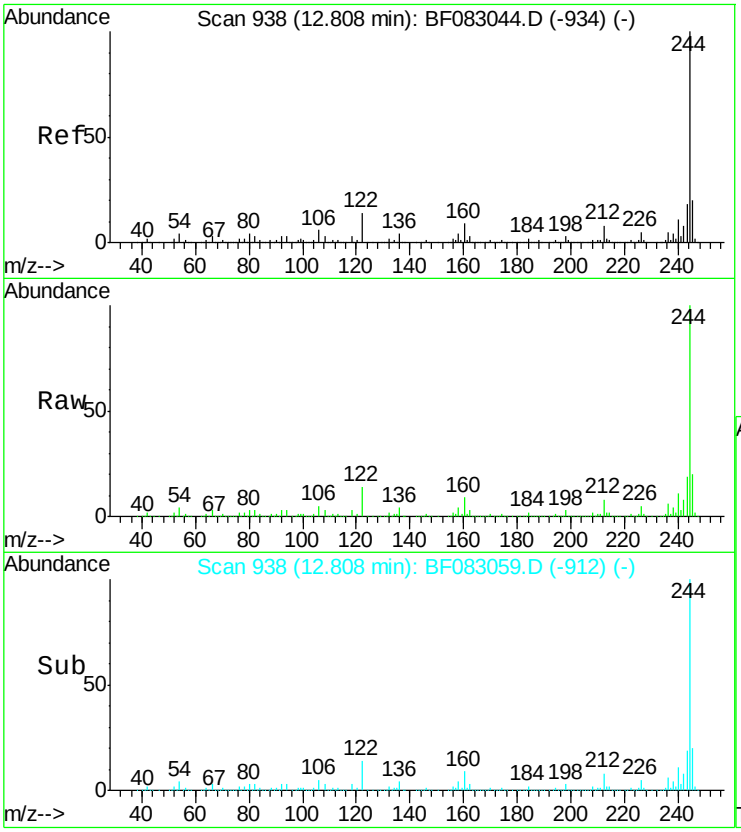


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:240 Resp: 489458

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.3	7.9#
236	25.9	20.4	30.6



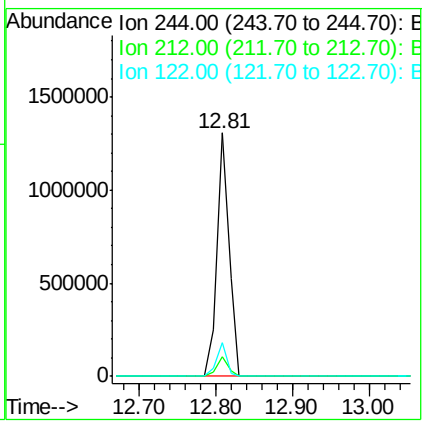


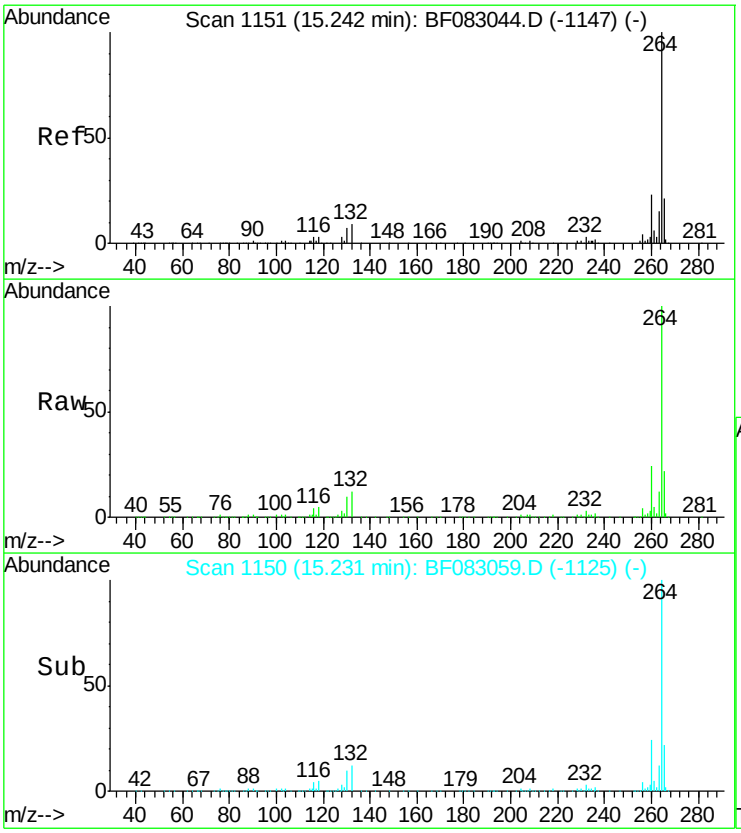
#78
Terphenyl-d14
Concen: 69.42 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:244 Resp: 1439375

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	14.1	10.9	16.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF083059.D
Acq: 20 Nov 2015 3:25

Tgt Ion:264 Resp: 418809

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.9	17.0	25.6