Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083102.D
Acq On : 21 Nov 2015 4:02
Operator : UM/IZ
Sample : G4485-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 06:02:55 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	6.69	152	150329	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	551078	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	255373	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	444925	20.00	ng		0.00
75) Chrysene-d12	13.85	240	384492	20.00	ng		-0.01
86) Perylene-d12	15.23	264	285809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	781184	80.71	ng		0.01
7) Phenol-d6	6.35	99	748834	58.74	ng		0.00
23) Nitrobenzene-d5	7.26	82	985082	81.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	296172	109.23	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1674487	88.31	ng		-0.01
78) Terphenyl-d14	12.81	244	1273144	78.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	27335	2.69	ng		82
19) n-Nitroso-di-n-propylamine	7.26	70	133631	14.34	ng	#	77
25) Isophorone	7.26	82	774557	34.11	ng	#	69
49) Dimethylphthalate	9.47	163	60708	2.89	ng		97
50) 2,6-Dinitrotoluene	9.74	165	31233	6.89	ng	#	28
56) 2,4-Dinitrotoluene	9.74	165	31233	5.15	ng	#	20
66) 4-Bromophenyl-phenylether	10.52	248	19212	3.73	ng	#	1

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

Quantitation Report (Not Reviewed)

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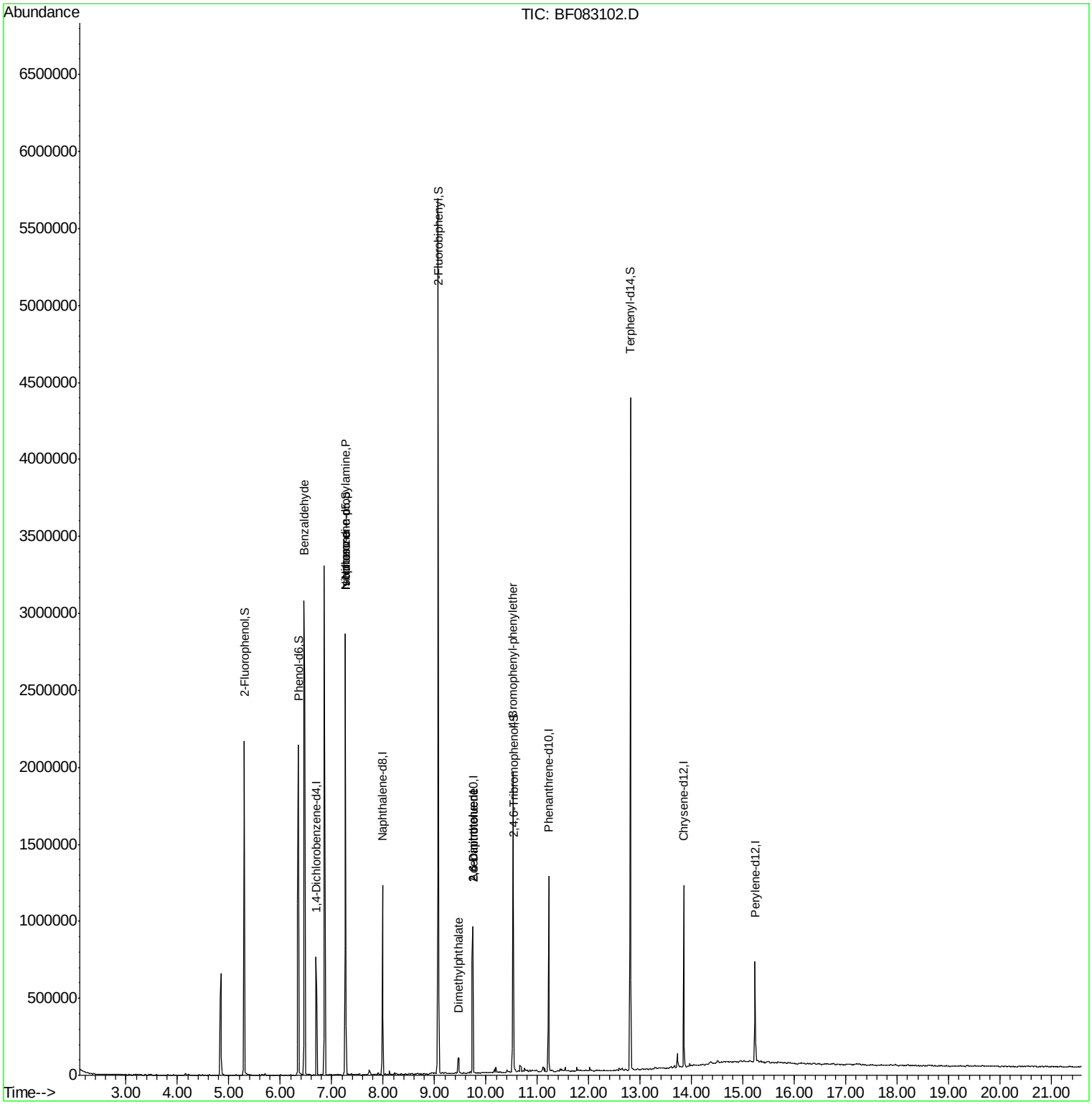
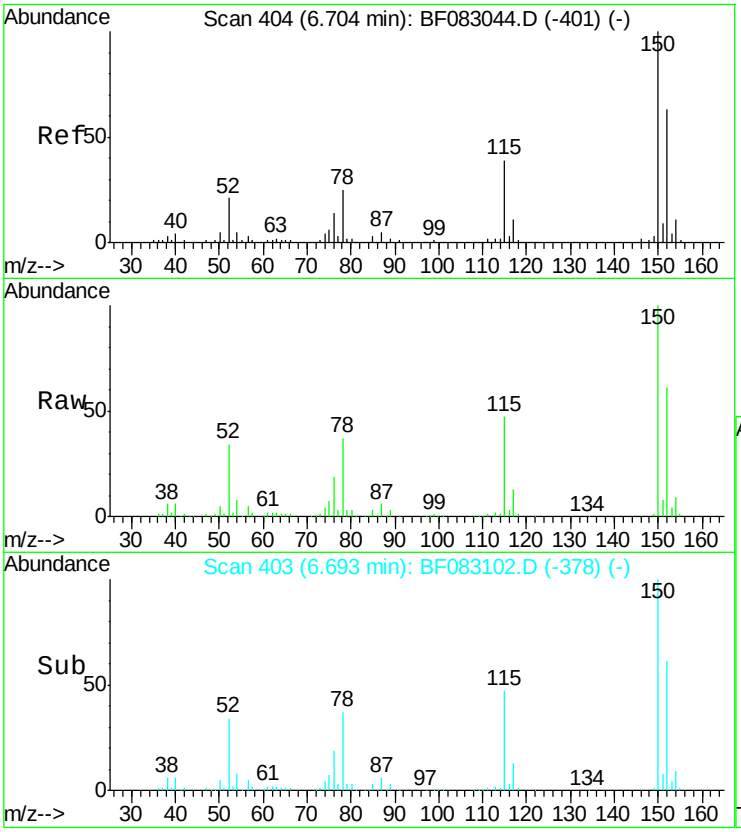


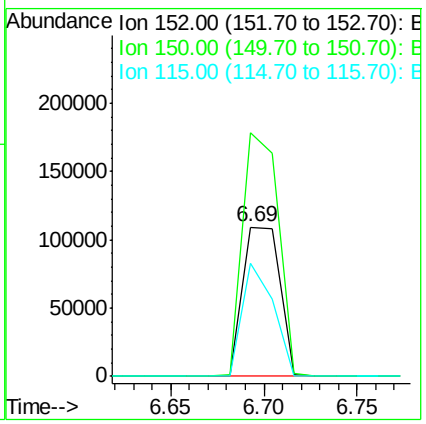


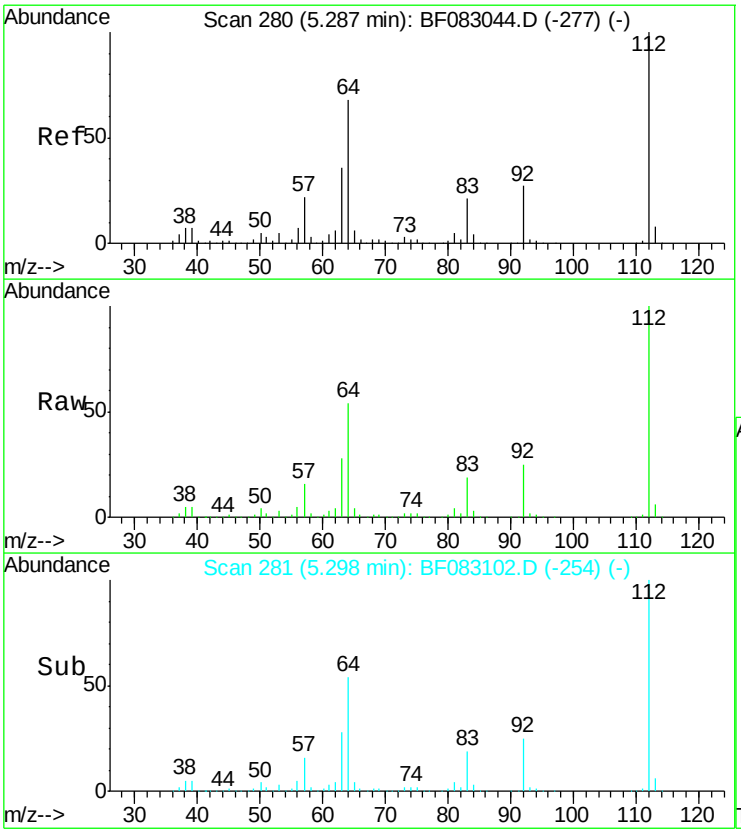
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150329

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.4	189.6
115	76.0	49.0	73.6#

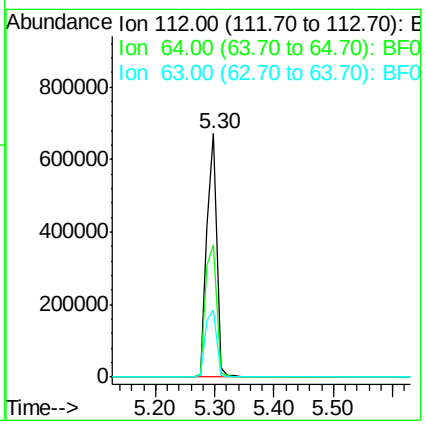


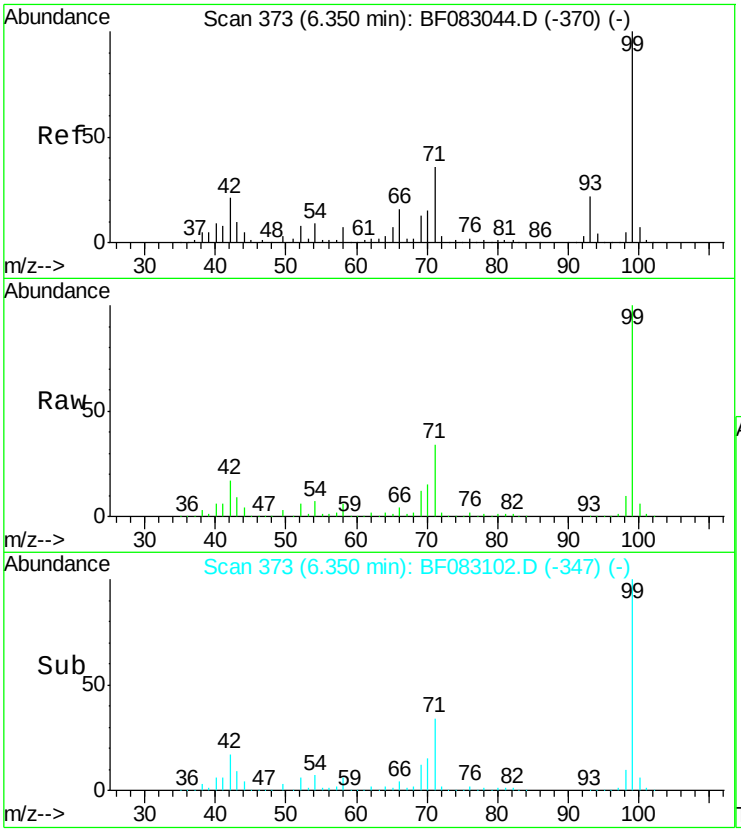


#5
2-Fluorophenol
Concen: 80.71 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:112 Resp: 781184

Ion	Ratio	Lower	Upper
112	100		
64	54.4	54.8	82.2#
63	27.7	29.0	43.4#



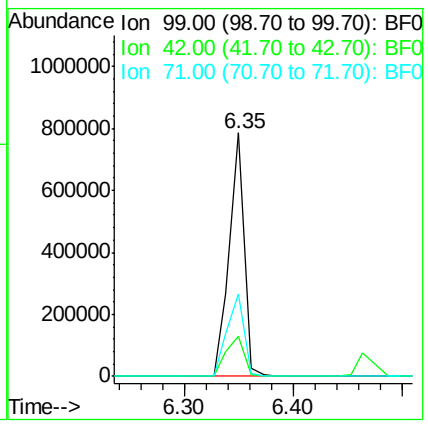


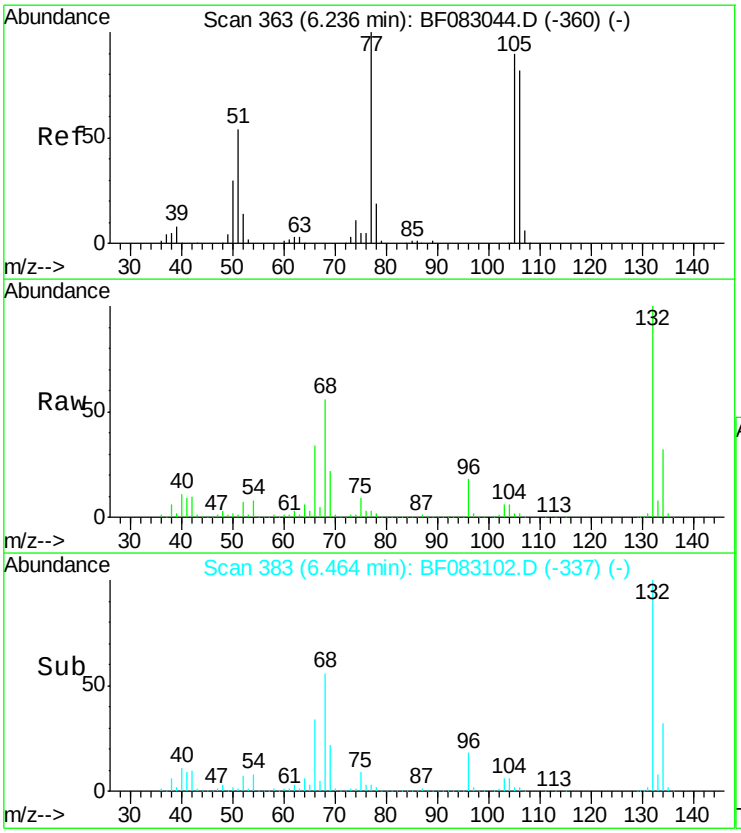
#7
Phenol-d6
Concen: 58.74 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 748834

Ion	Ratio	Lower	Upper
99	100		
42	16.6	16.6	25.0
71	33.9	29.2	43.8

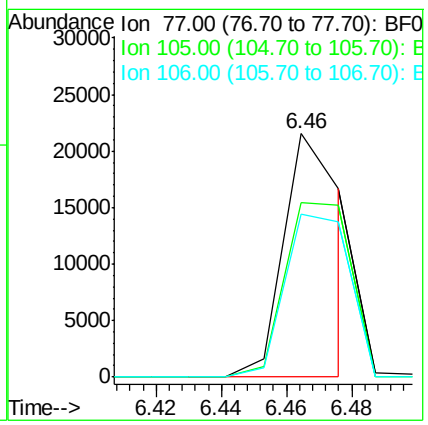


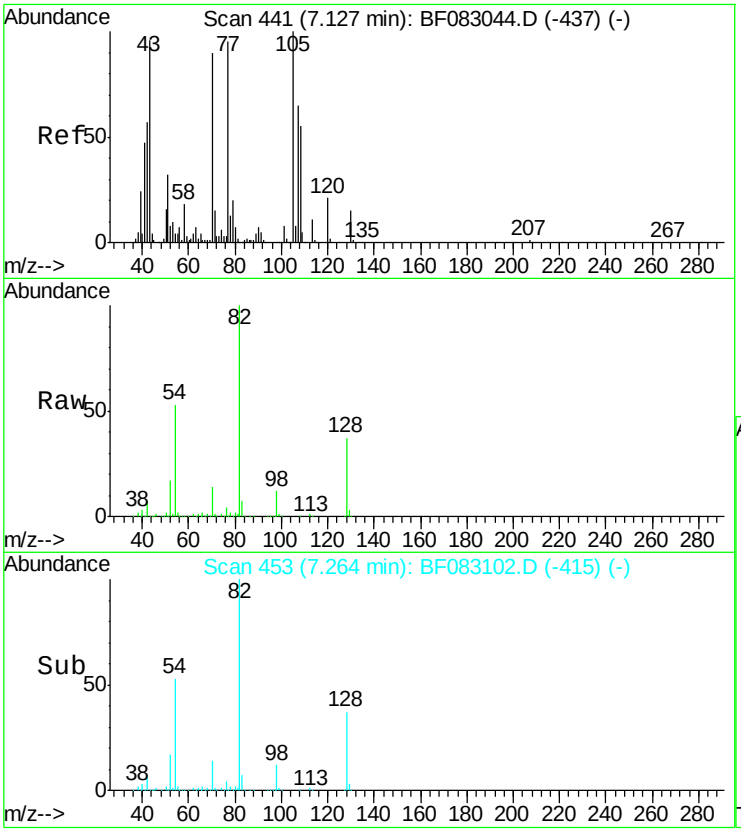


#9
Benzaldehyde
Concen: 2.69 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.23 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion: 77 Resp: 27335

Ion	Ratio	Lower	Upper
77	100		
105	71.5	69.6	109.6
106	66.8	62.0	102.0



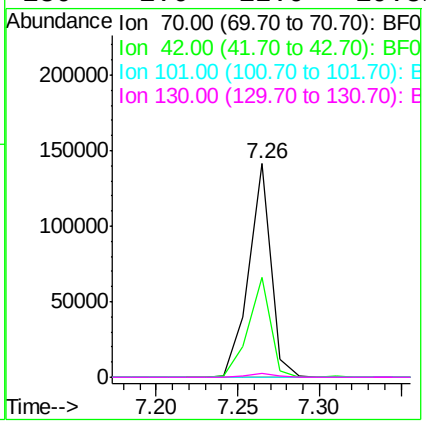


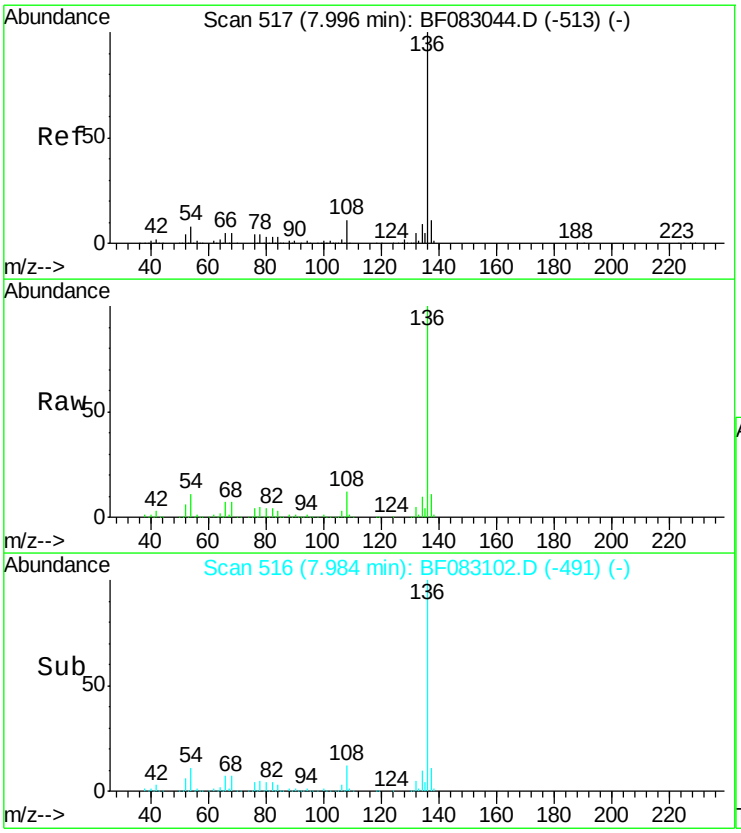
#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 133631

Ion	Ratio	Lower	Upper
70	100		
42	47.0	50.2	75.2#
101	0.0	6.8	10.2#
130	1.6	12.9	19.3#

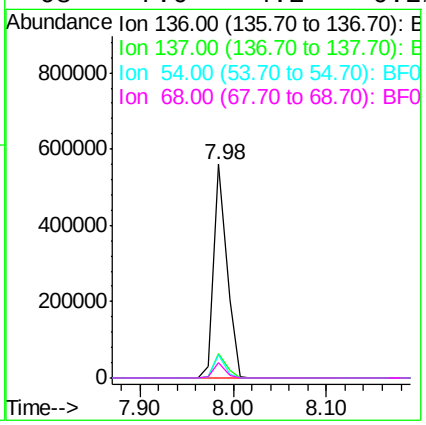


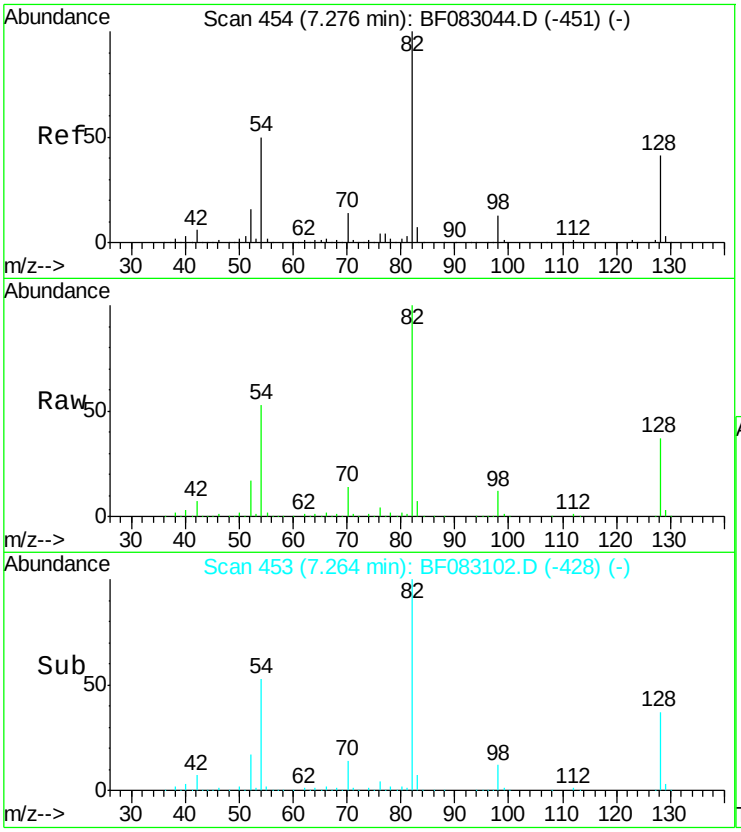


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:136 Resp: 551078

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	10.9	6.2	9.2#
68	7.0	4.2	6.2#



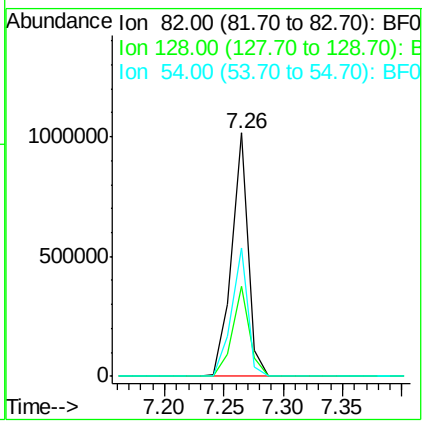


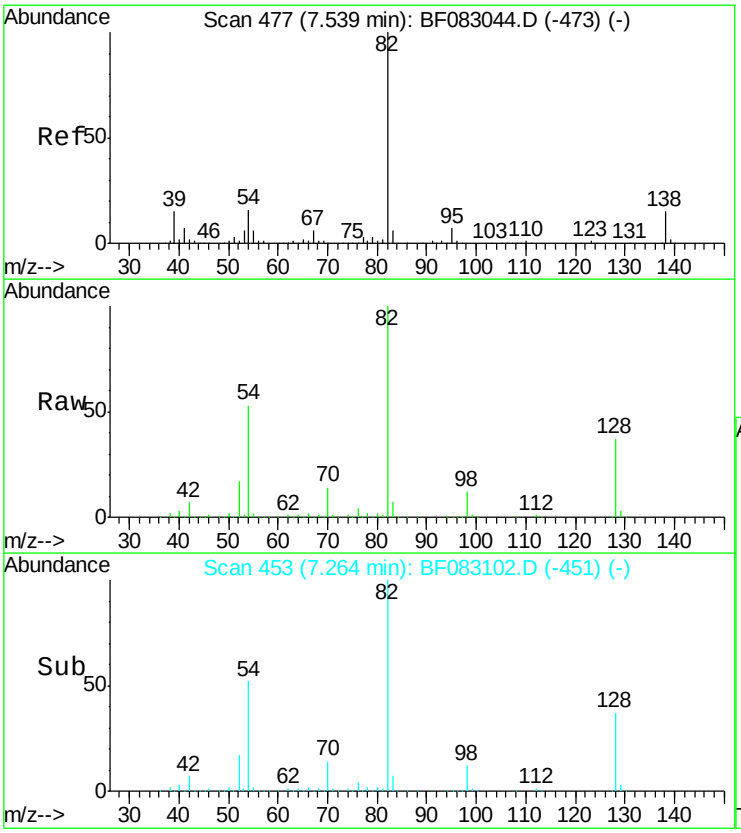
#23
Nitrobenzene-d5
Concen: 81.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 985082

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.1	49.7
54	52.5	39.8	59.6

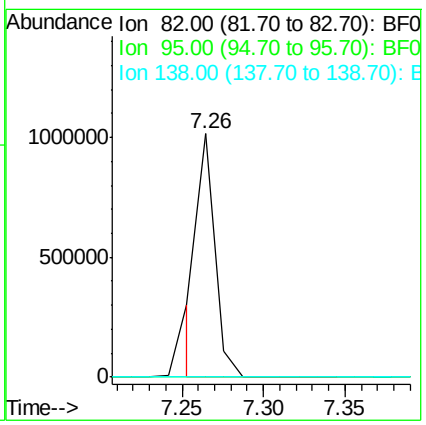


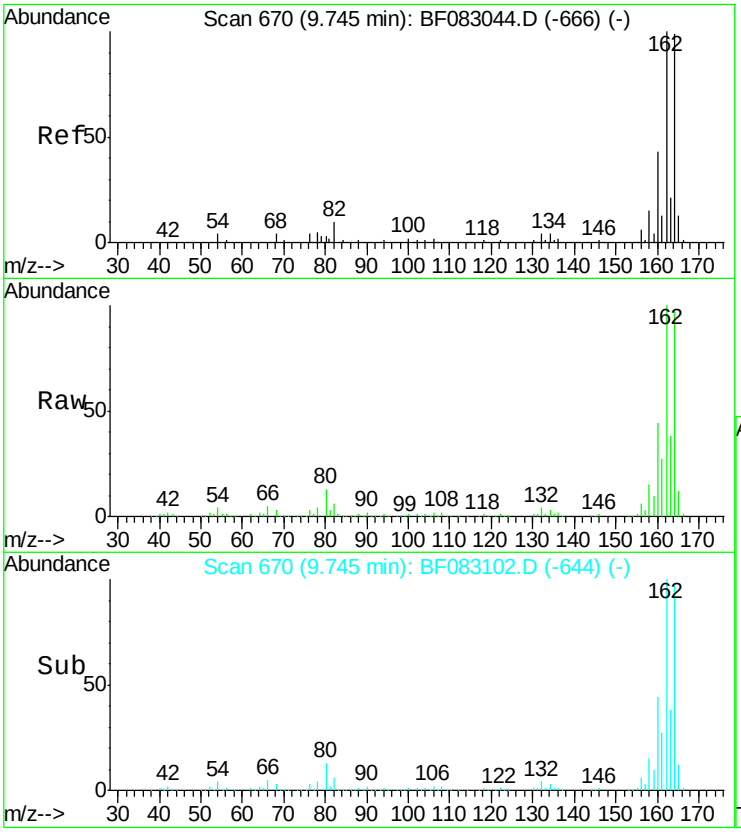


#25
Isophorone
Concen: 34.11 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion: 82 Resp: 774557

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



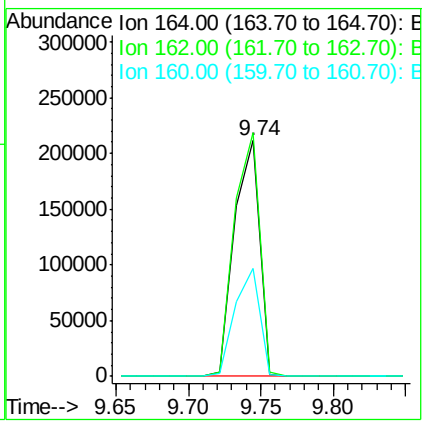


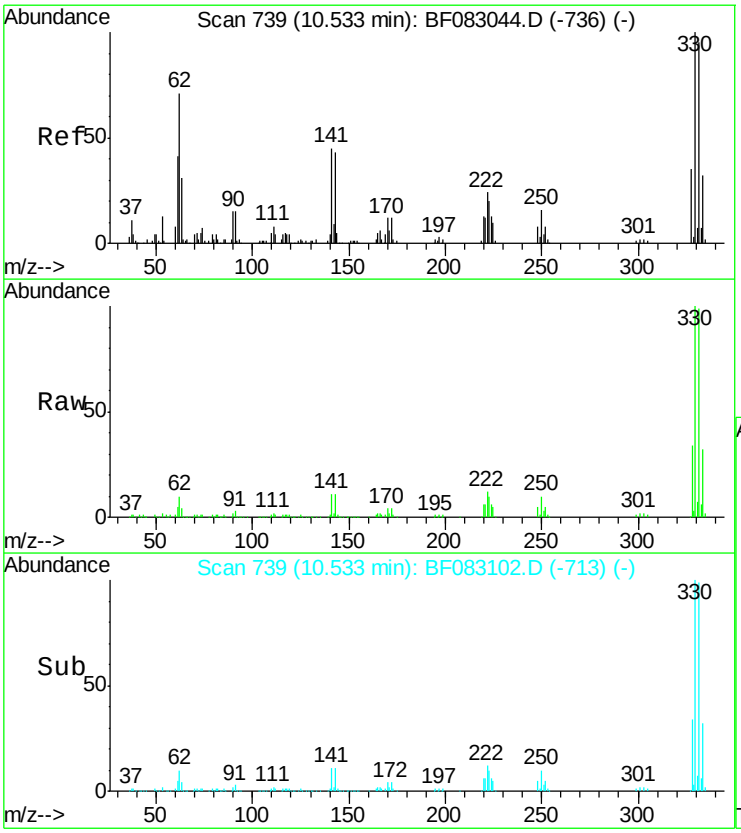
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 255373

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.5	120.7
160	45.7	35.0	52.4

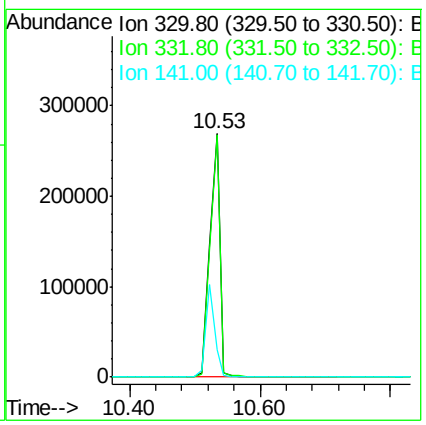


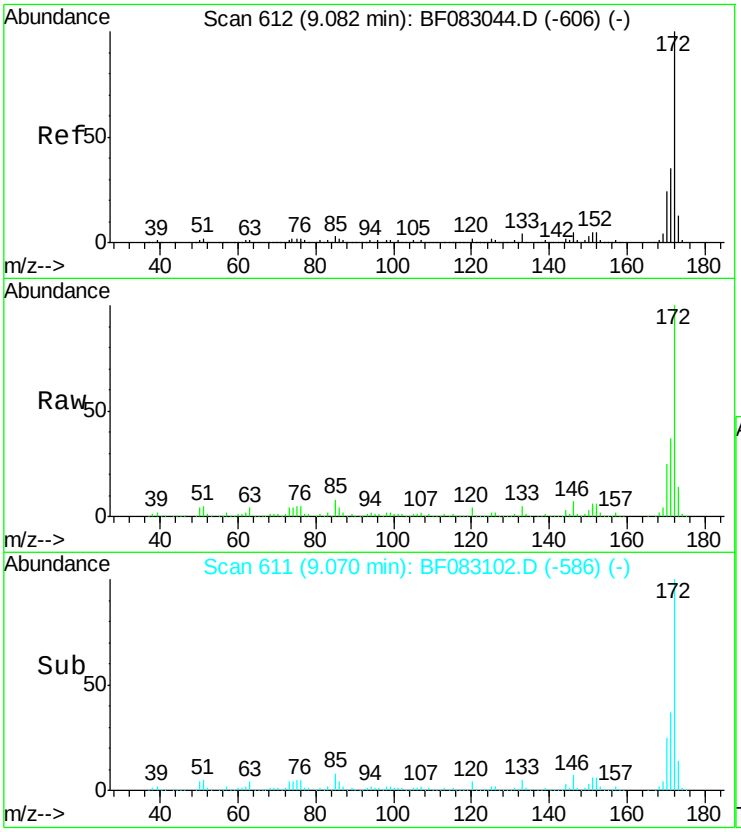


#41
2,4,6-Tribromophenol
Concen: 109.23 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:330 Resp: 296172

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.6	116.4
141	33.3	34.6	52.0#



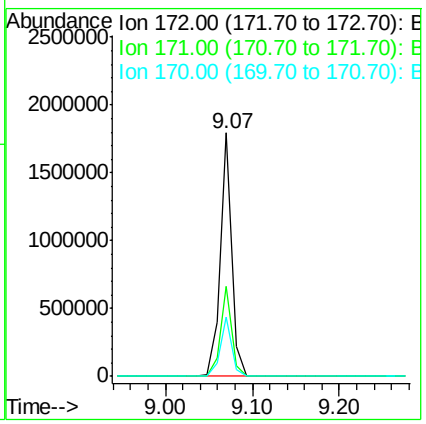


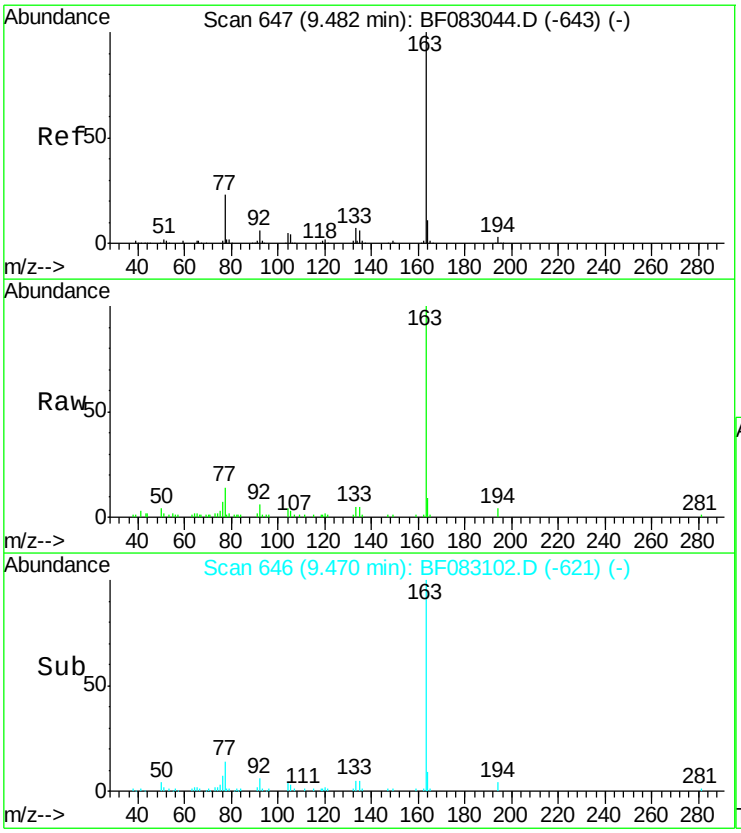
#44
2-Fluorobiphenyl
Concen: 88.31 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1674487

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.4
170	24.6	19.4	29.0

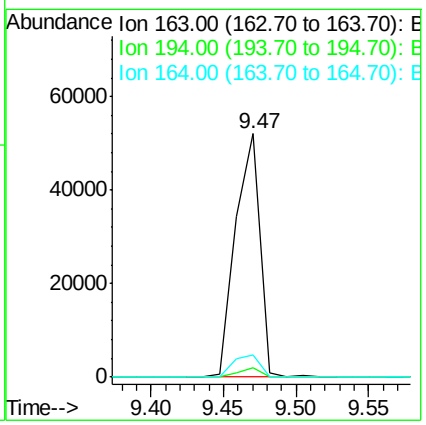


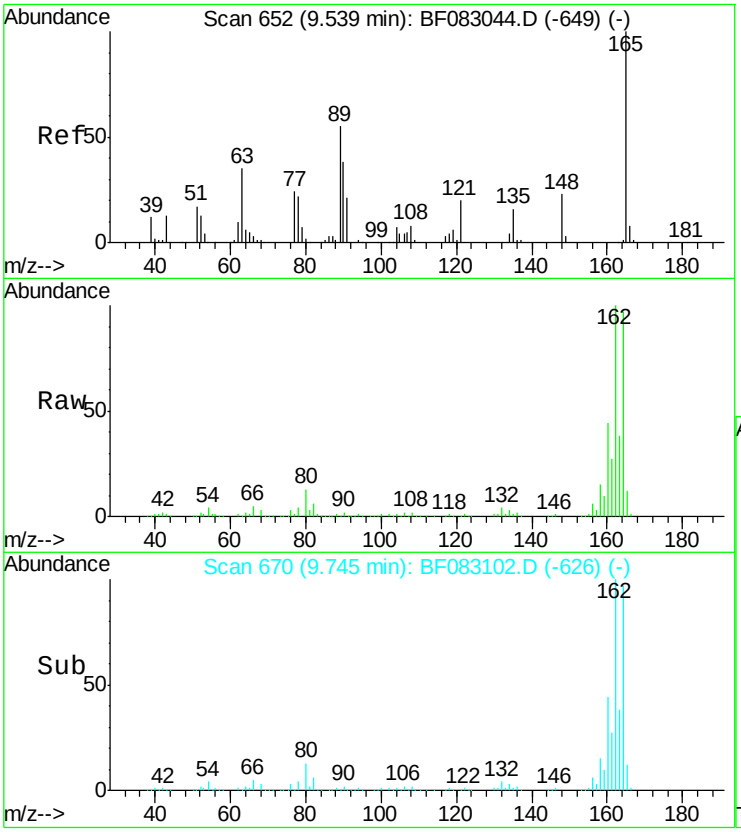


#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:163 Resp: 60708

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.3	8.5	12.7



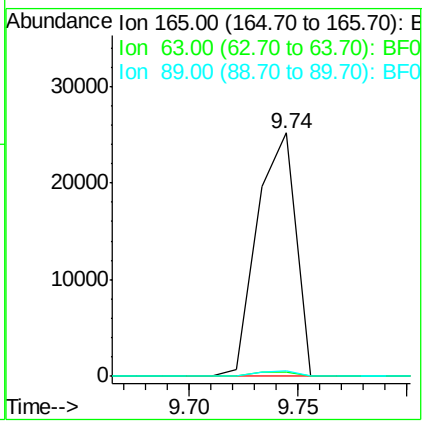


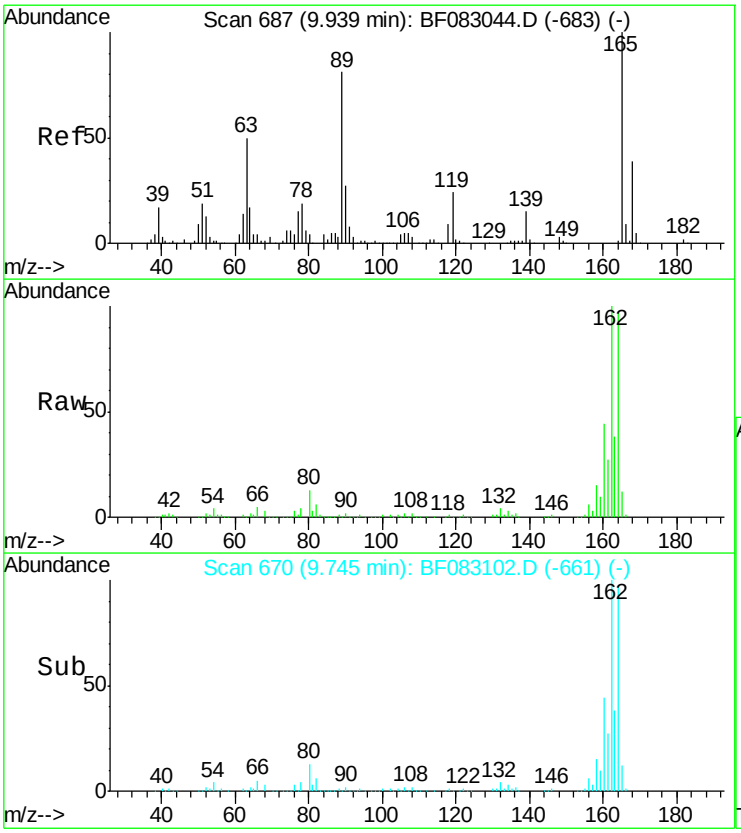
#50
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31233

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.6	61.0#
89	2.3	44.5	66.7#

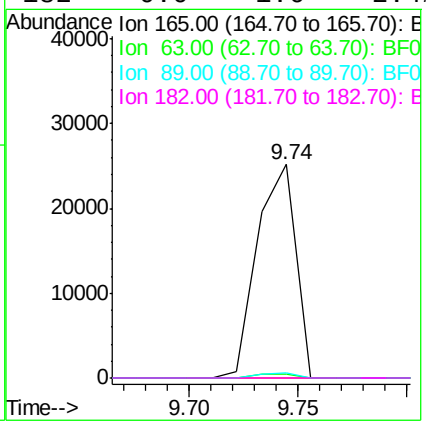


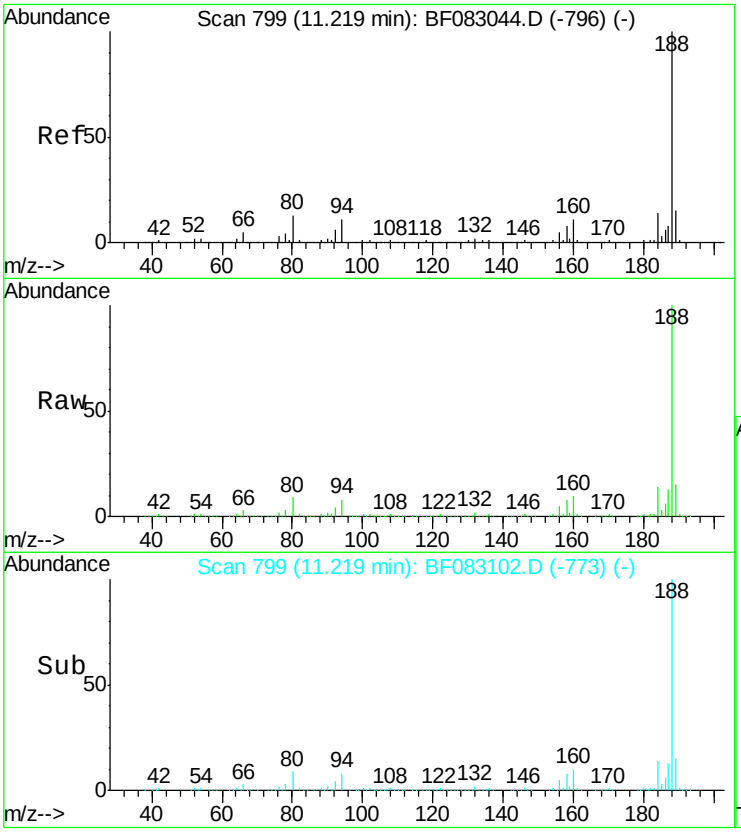


#56
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:165 Resp: 31233

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.6	61.0#
89	2.3	64.4	96.6#
182	0.0	1.6	2.4#



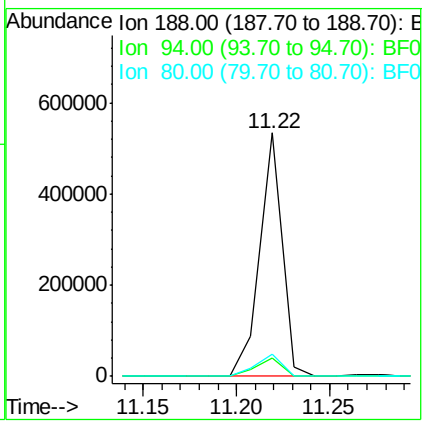


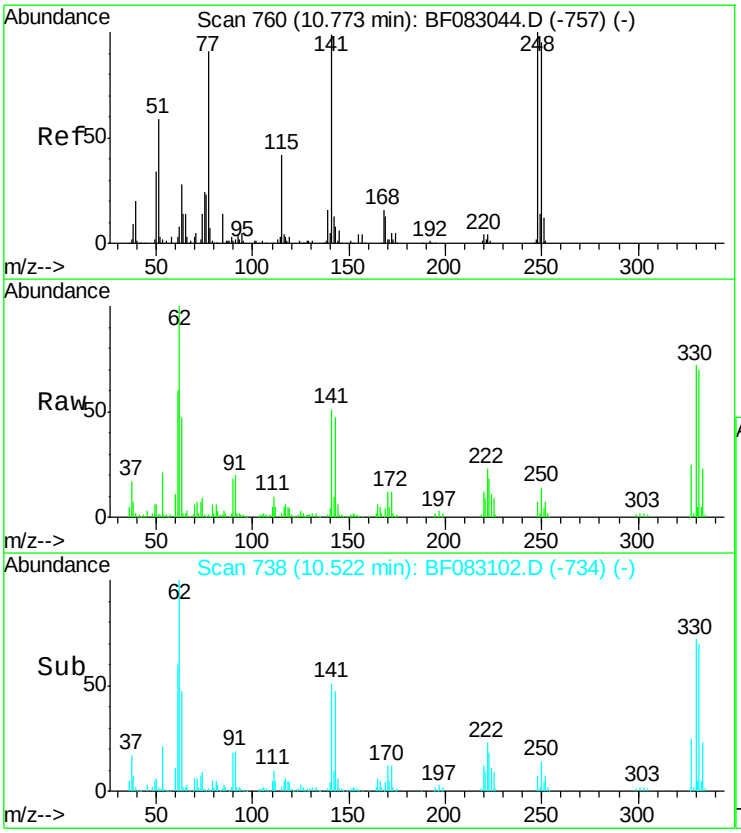
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 444925

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	9.1	10.2	15.4#

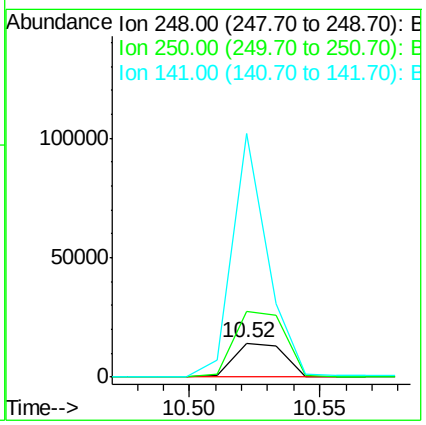


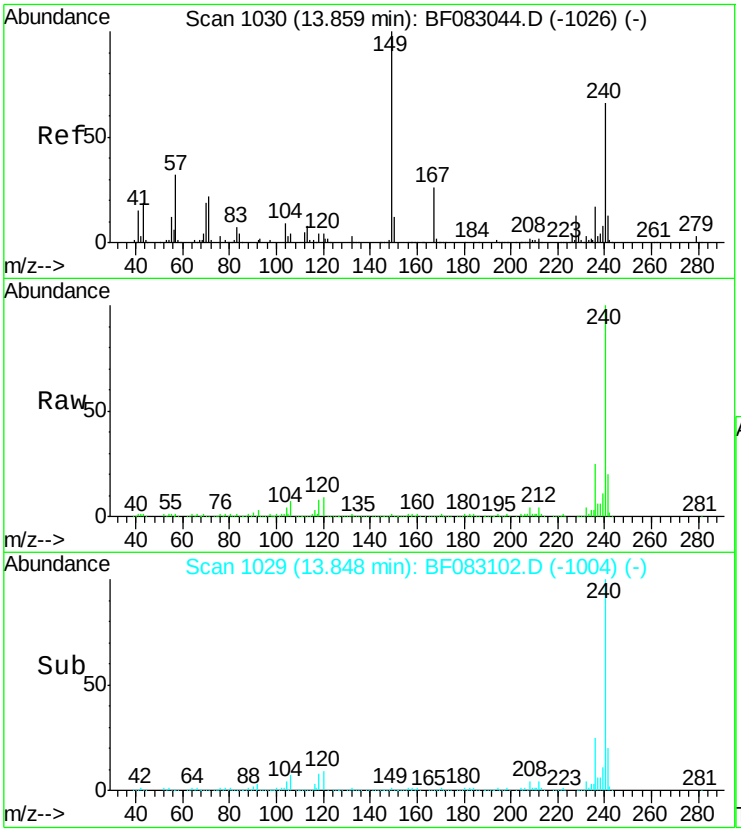


#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.25 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:248 Resp: 19212

Ion	Ratio	Lower	Upper
248	100		
250	193.0	76.1	114.1#
141	712.1	79.2	118.8#



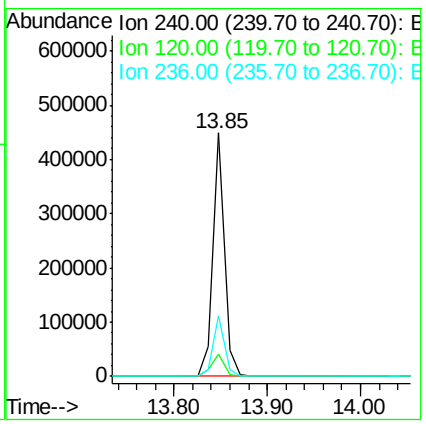


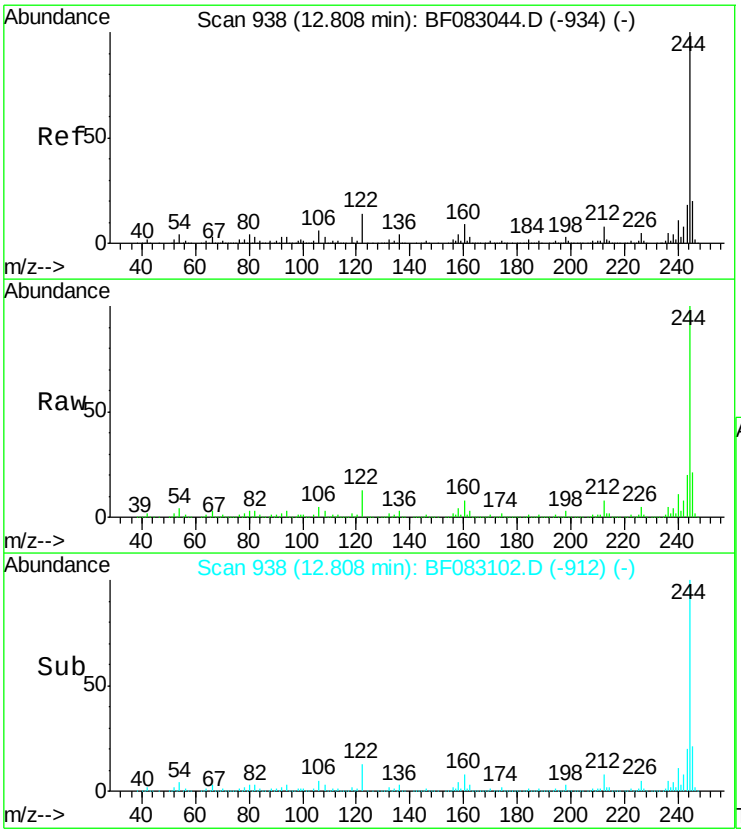
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 384492

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.3	7.9#
236	25.1	20.4	30.6

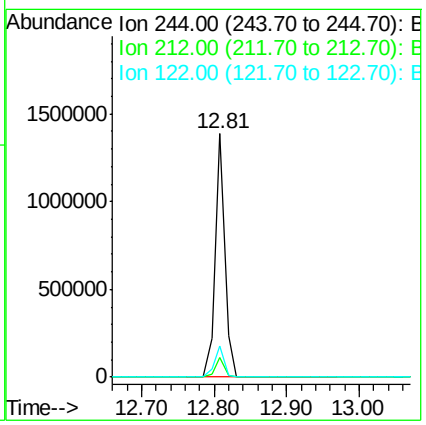


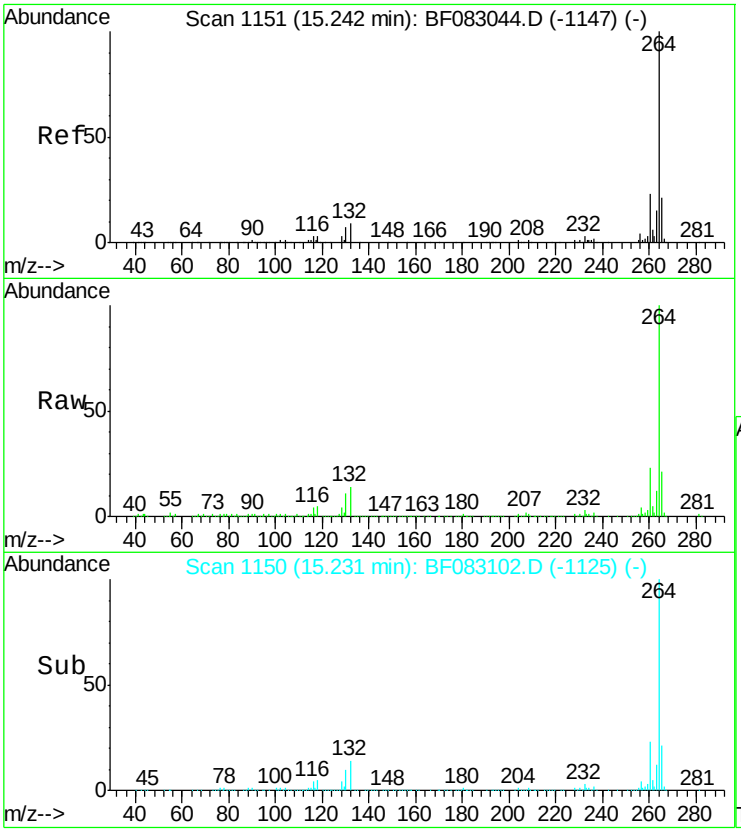


#78
Terphenyl-d14
Concen: 78.17 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:244 Resp: 1273144

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	12.6	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: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 285809

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	17.0	25.6