Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083313.D
Acq On : 26 Nov 2015 12:03
Operator : UM/IZ
Sample : G4534-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 16:33:51 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	147585	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	492745	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	203831	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	356620	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	396709	20.00	ng	-0.08
86) Perylene-d12	15.07	264	296326	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	386546	39.60	ng	-0.10
7) Phenol-d6	6.25	99	319871	25.33	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1065437	98.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	175465	84.14	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1357450	92.87	ng	-0.07
78) Terphenyl-d14	12.69	244	1232712	73.17	ng	-0.08
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	140363	15.97	ng	# 77
50) 2,6-Dinitrotoluene	9.62	165	26557	7.54	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	26558	5.95	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	11898	3.01	ng	# 1

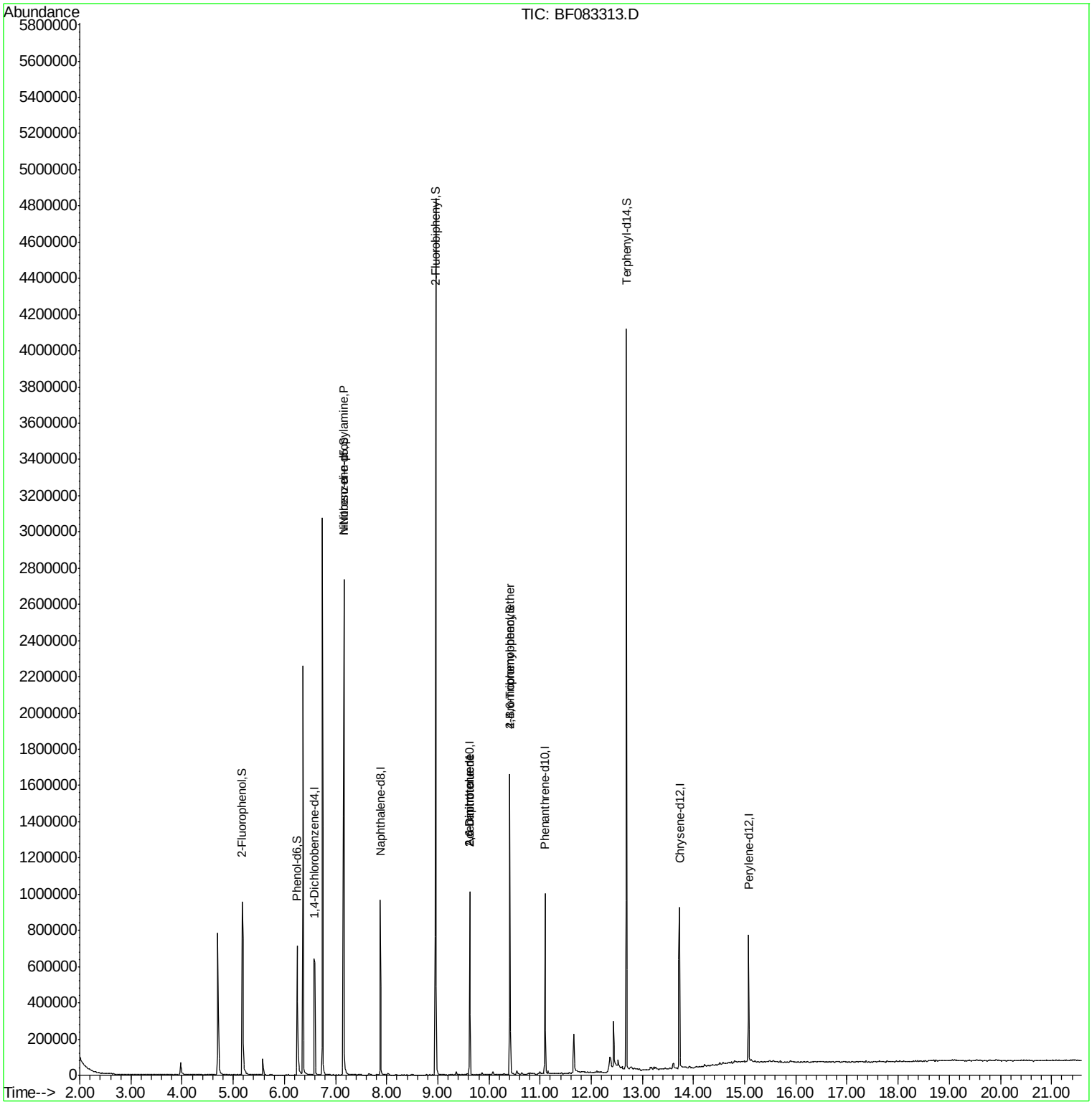
(#) = qualifier out of range (m) = manual integration (+) = signals summed

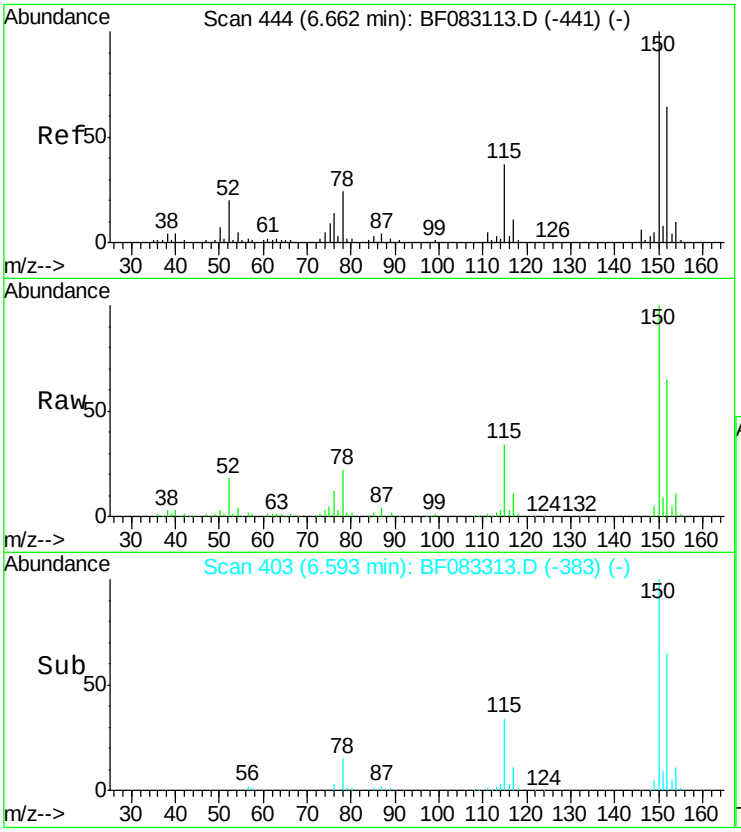
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083313.D
Acq On : 26 Nov 2015 12:03
Operator : UM/IZ
Sample : G4534-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 26 16:33:51 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

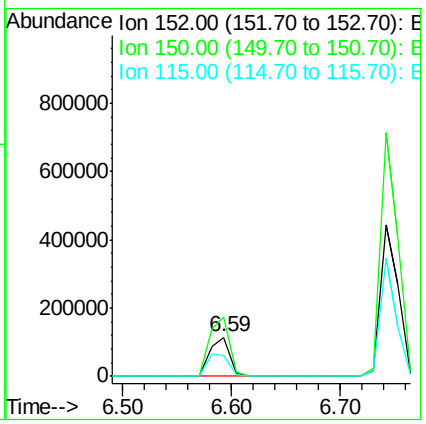




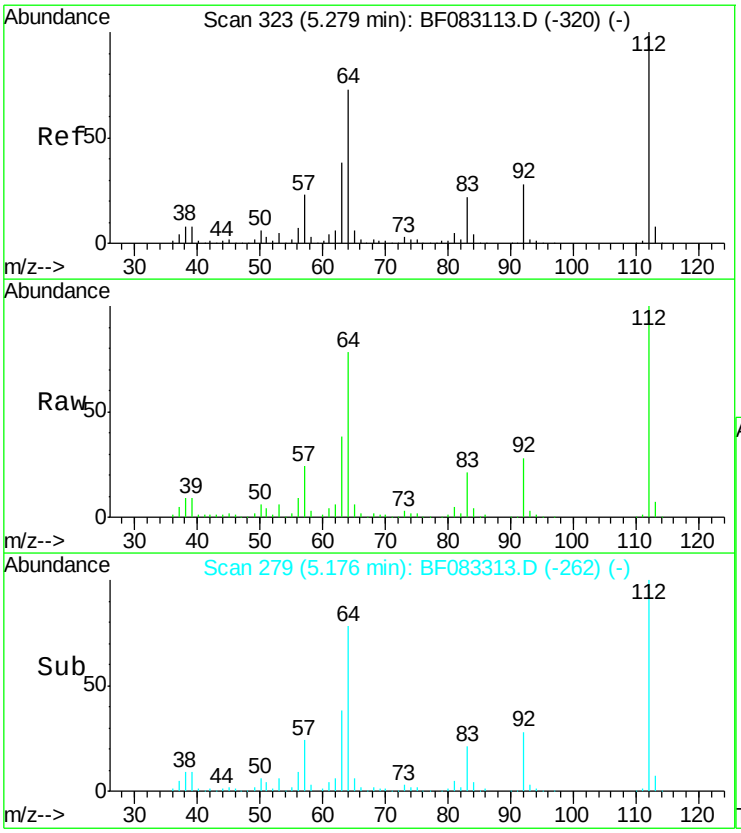
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:152 Resp: 147585

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.8	188.8
115	52.4	46.9	70.3



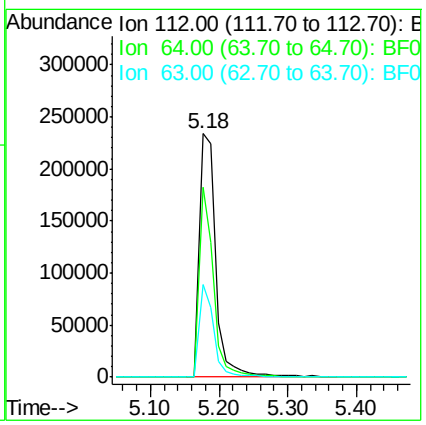
Instrument :
BNA_F
ClientSampleId :

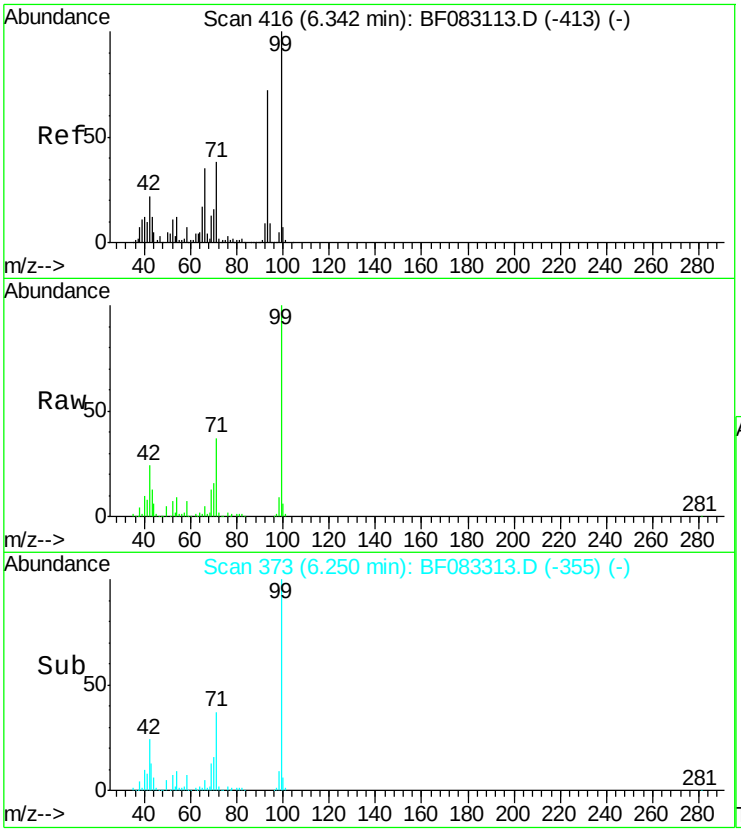


#5
2-Fluorophenol
Concen: 39.60 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.10 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:112 Resp: 386546

Ion	Ratio	Lower	Upper
112	100		
64	77.9	58.4	87.6
63	38.1	30.0	45.0



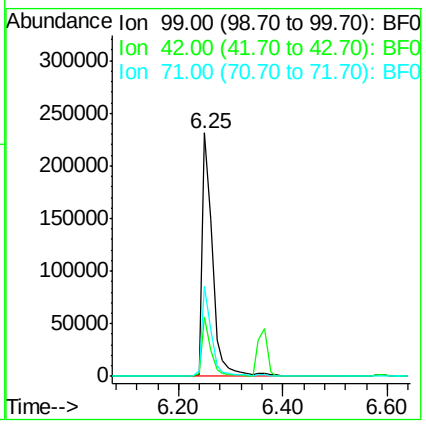


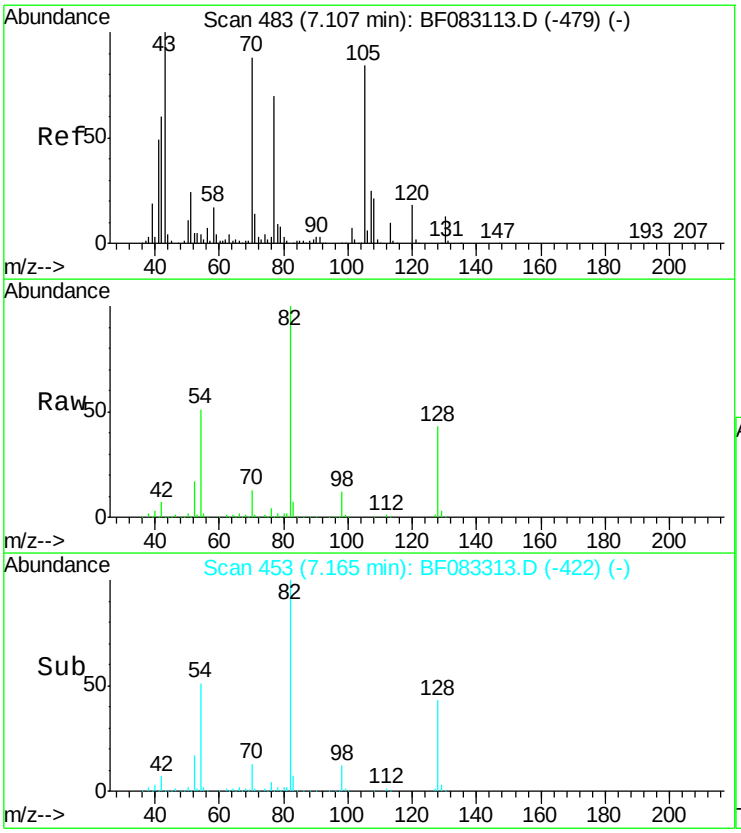
#7
Phenol-d6
Concen: 25.33 ng
RT: 6.25 min Scan# 373
Delta R.T. -0.09 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 319871

Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.7	26.5
71	37.0	30.2	45.4

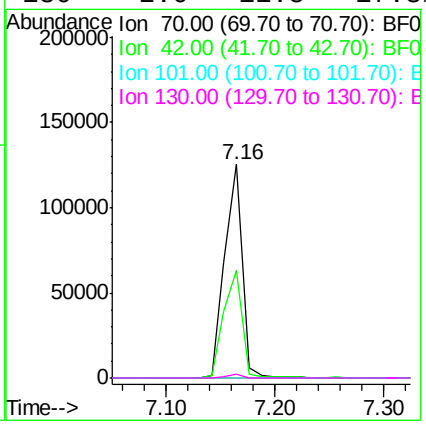


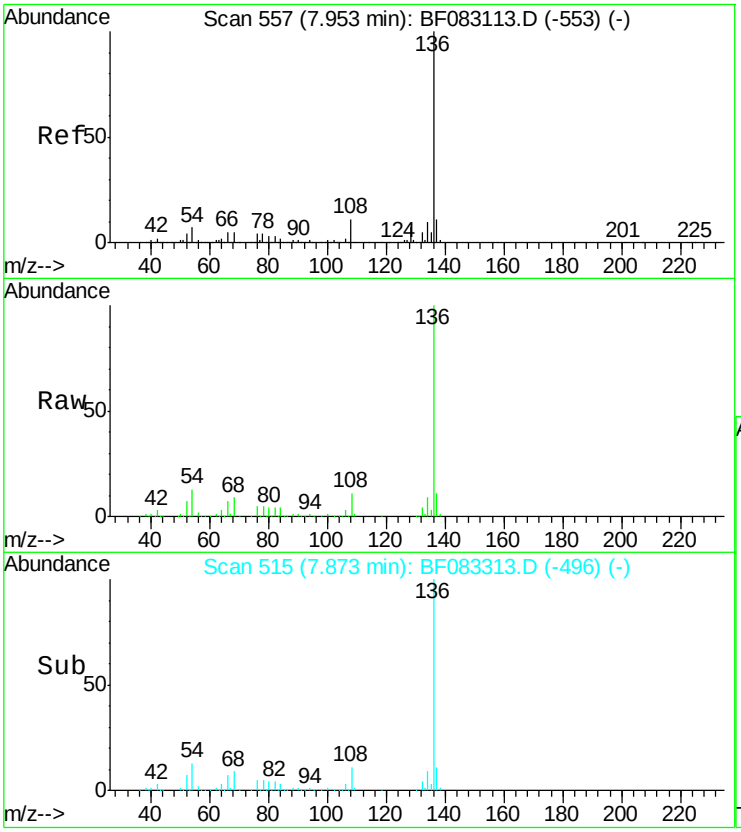


#19
n-Nitroso-di-n-propylamine
Concen: 15.97 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion: 70 Resp: 140363

Ion	Ratio	Lower	Upper
70	100		
42	50.4	54.5	81.7#
101	0.0	6.6	9.8#
130	2.0	11.5	17.3#



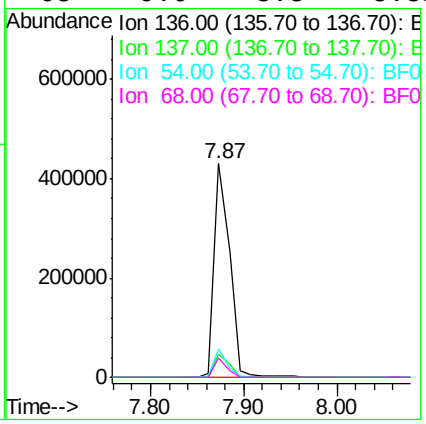


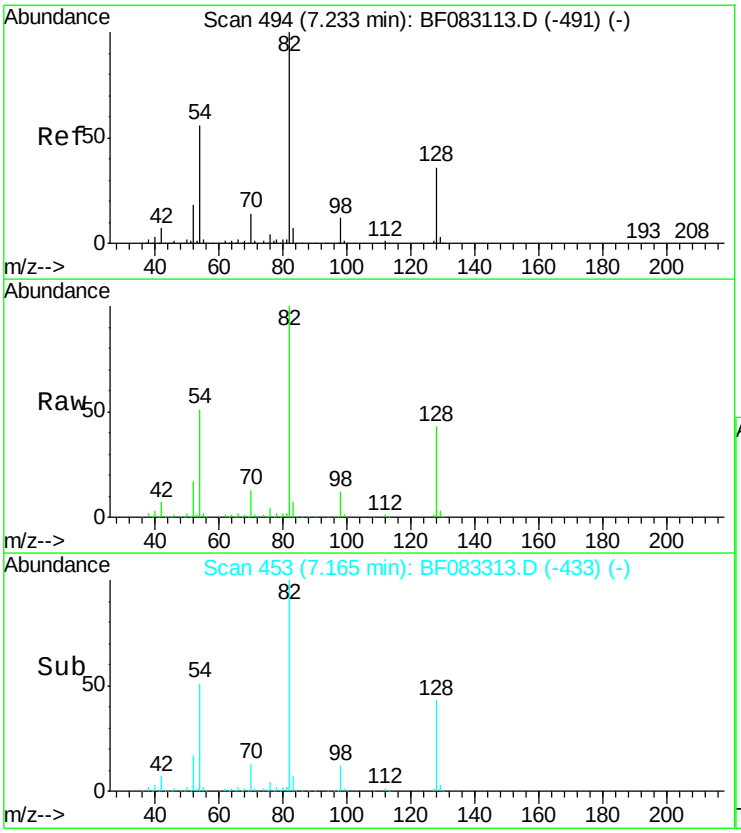
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 492745

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	13.0	5.8	8.6#
68	9.0	3.8	5.8#

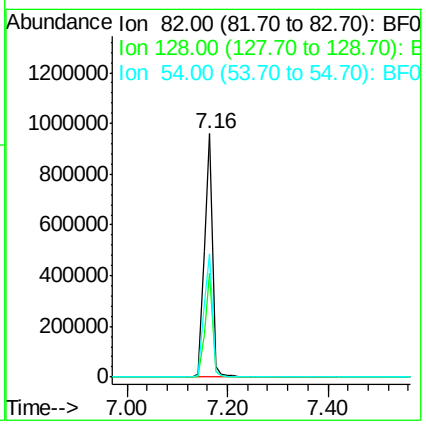


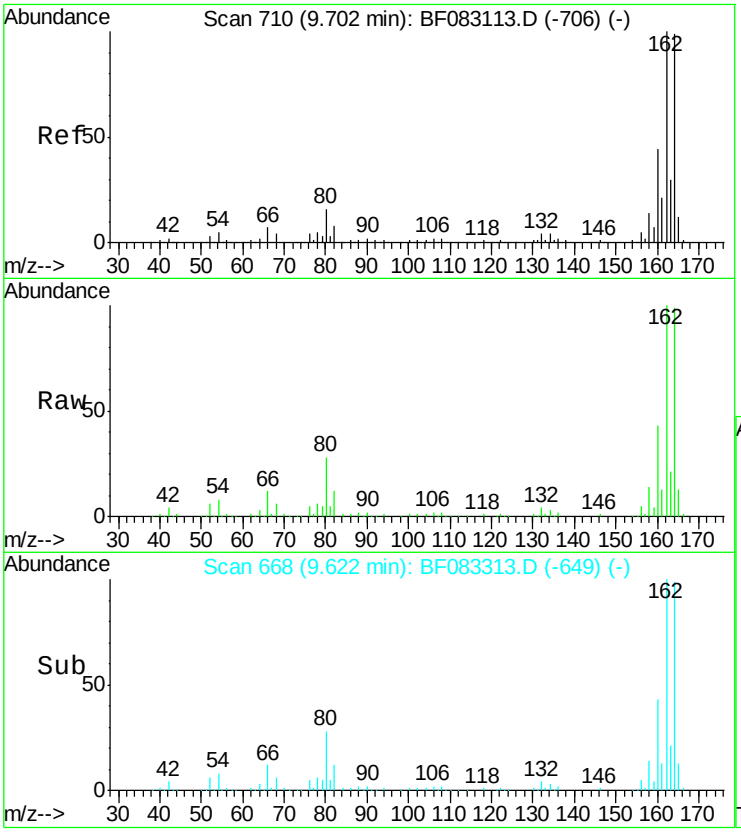


#23
Nitrobenzene-d5
Concen: 98.80 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion: 82 Resp: 1065437

Ion	Ratio	Lower	Upper
82	100		
128	42.7	28.5	42.7
54	50.6	44.6	67.0



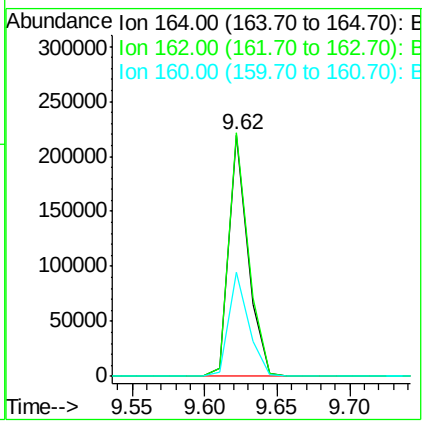


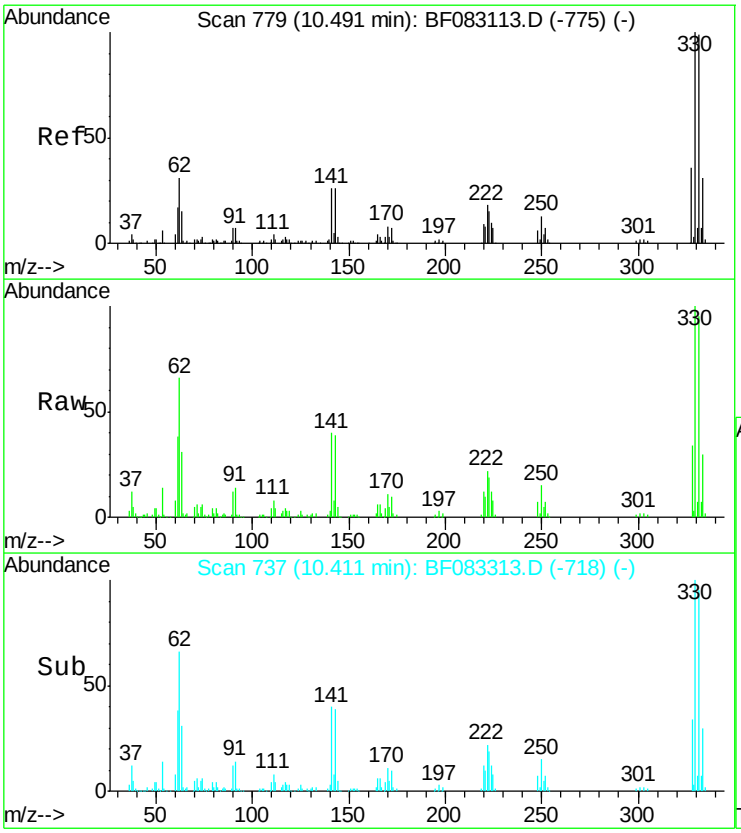
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203831

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.2	121.8
160	43.1	35.6	53.4

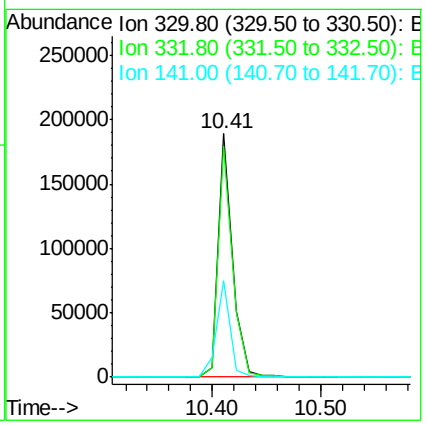


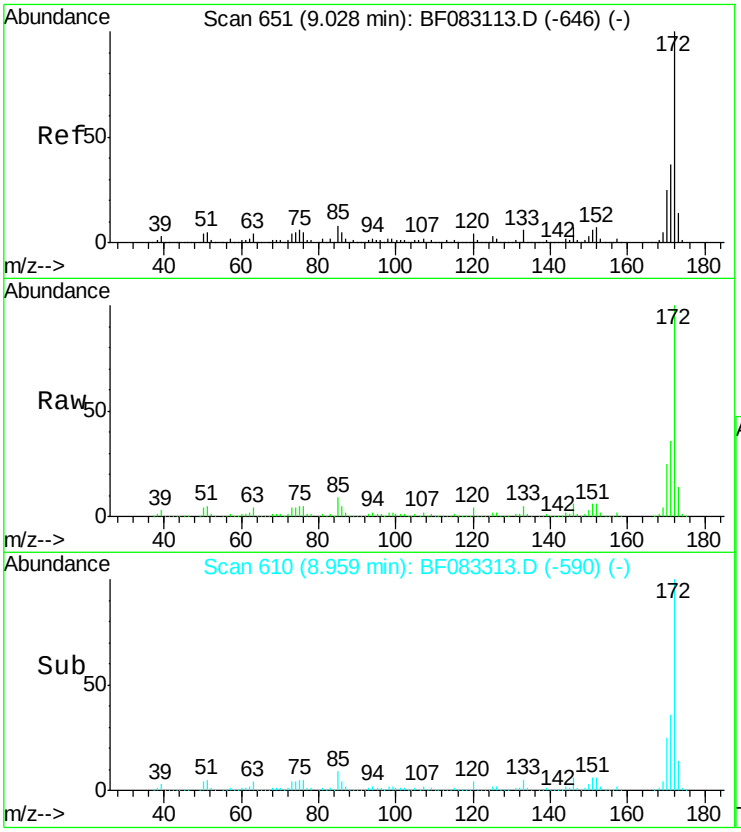


#41
2,4,6-Tribromophenol
Concen: 84.14 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:330 Resp: 175465

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	38.3	29.7	44.5



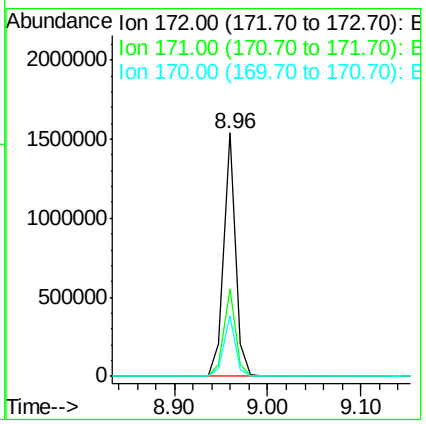


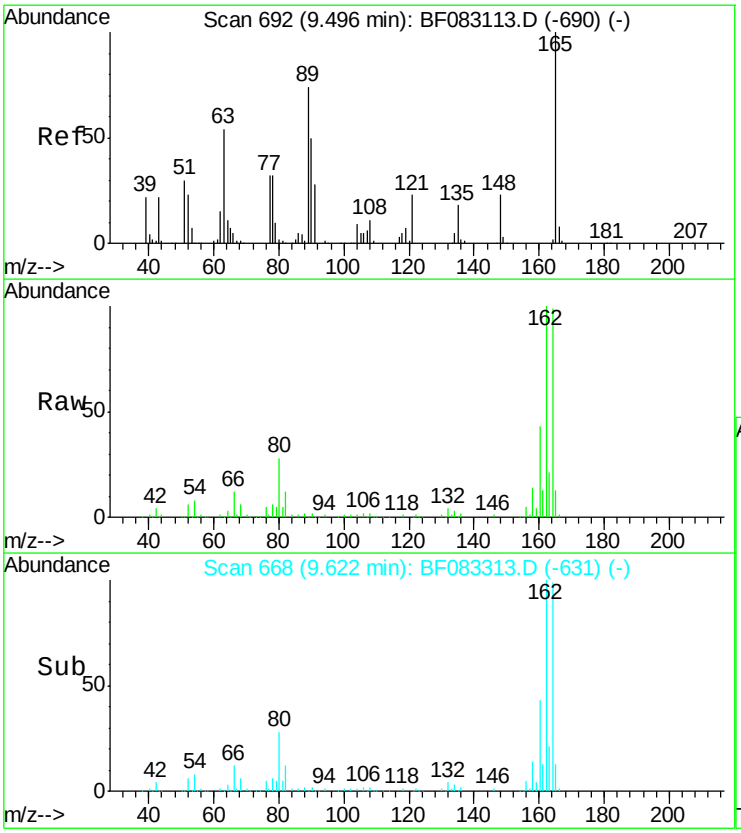
#44
2-Fluorobiphenyl
Concen: 92.87 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1357450

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.5	44.3
170	24.8	19.9	29.9

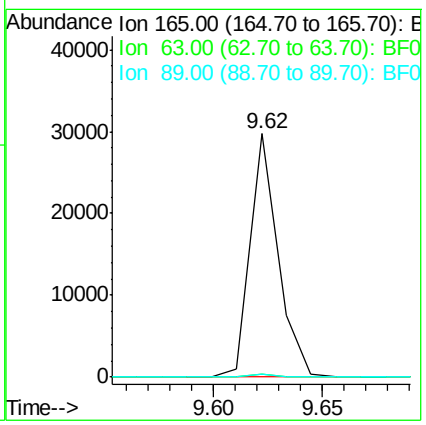


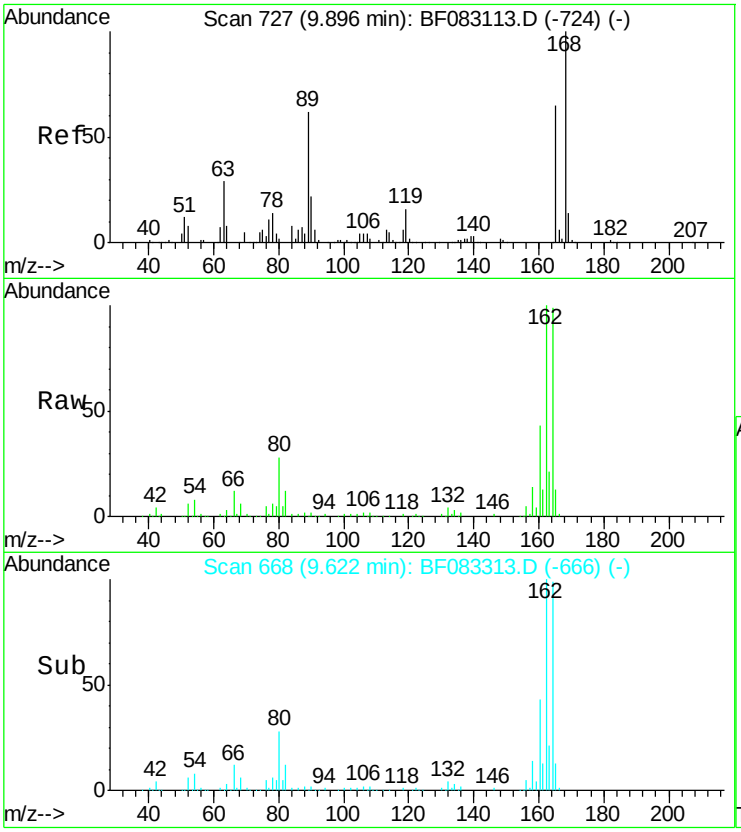


#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.13 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:165 Resp: 26557

Ion	Ratio	Lower	Upper
165	100		
63	1.3	62.5	93.7#
89	1.2	59.1	88.7#



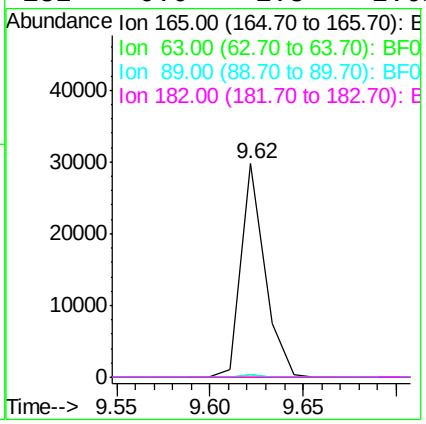


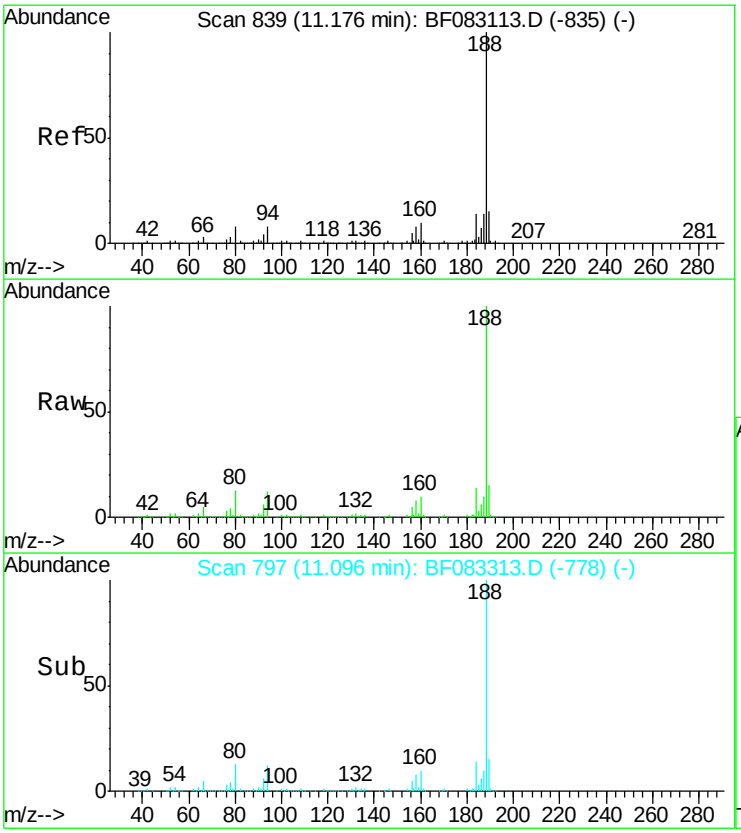
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26558

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.5	81.7#
89	1.2	77.3	115.9#
182	0.0	1.8	2.6#

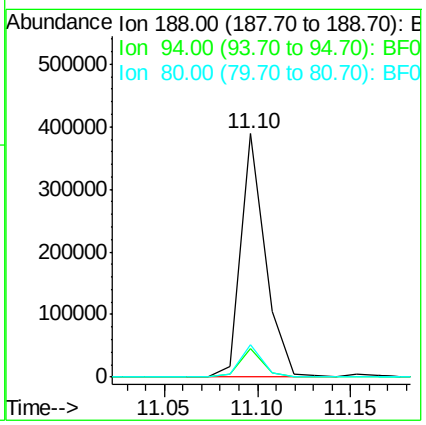


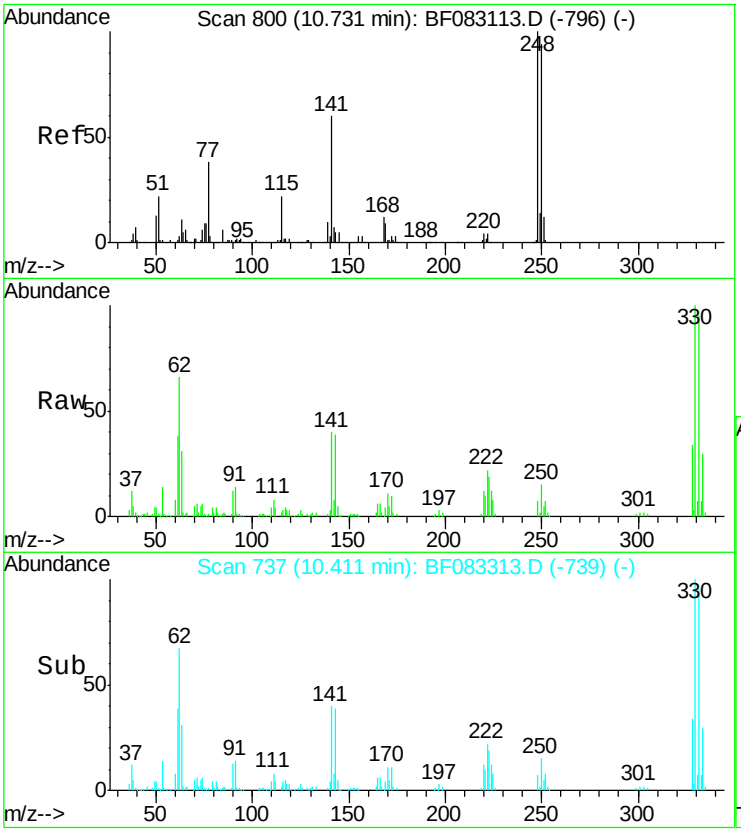


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:188 Resp: 356620

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.0	9.0#
80	13.2	6.7	10.1#



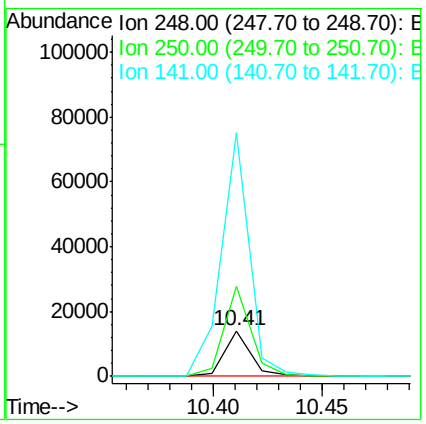


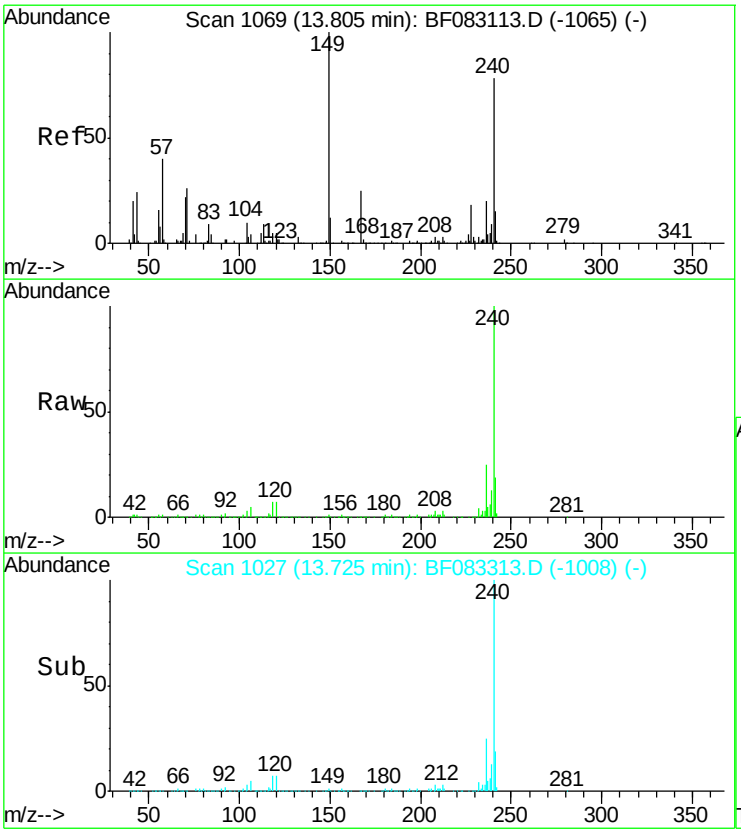
#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11898

Ion	Ratio	Lower	Upper
248	100		
250	197.6	75.4	113.2#
141	532.3	48.1	72.1#

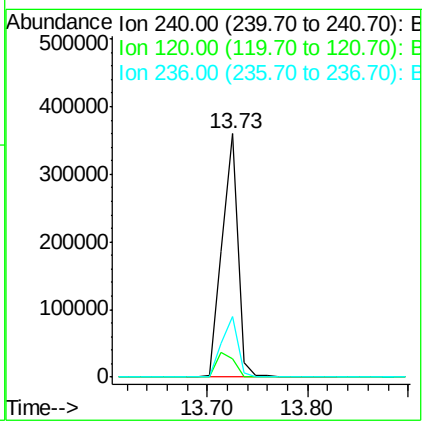


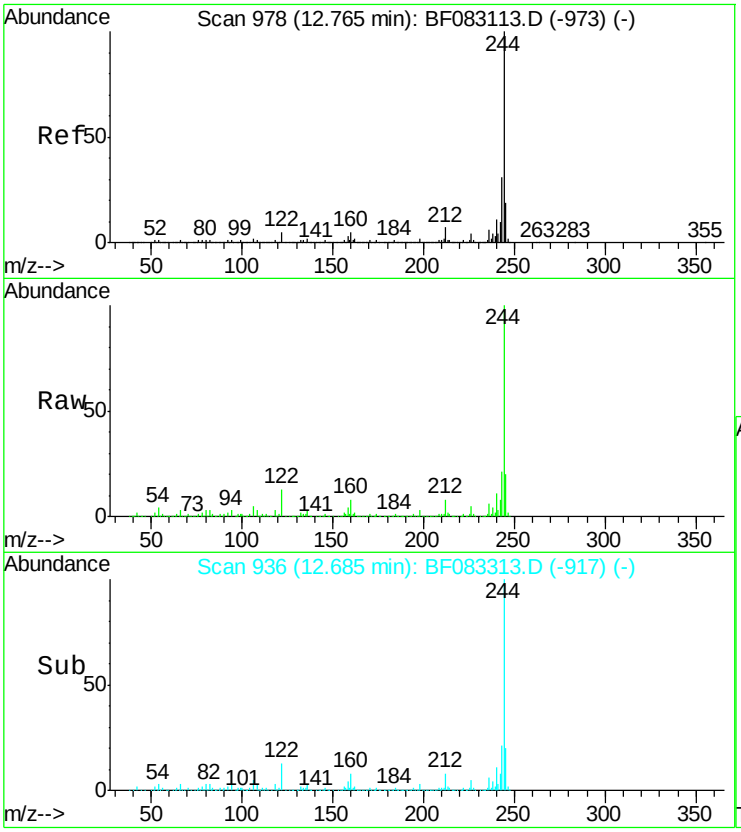


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:240 Resp: 396709

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.4	8.2
236	25.1	20.6	31.0



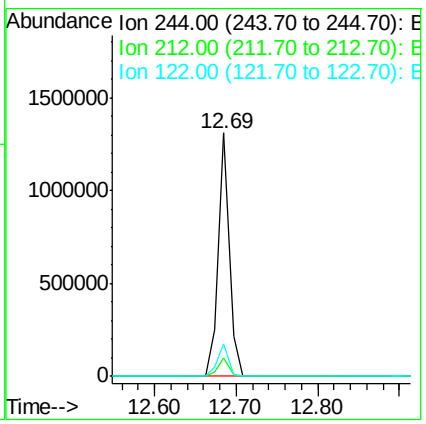


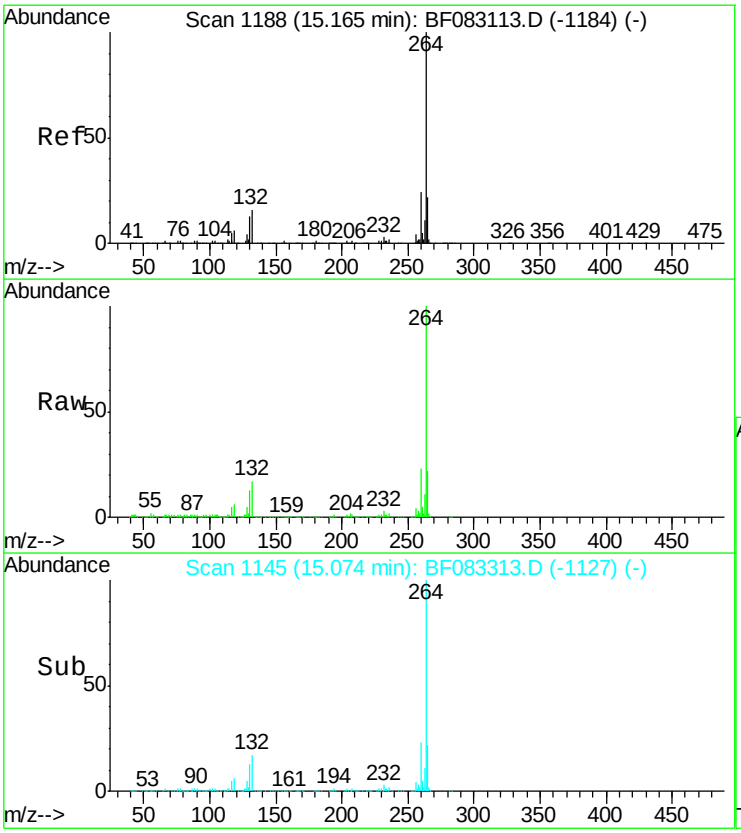
#78
Terphenyl-d14
Concen: 73.17 ng
RT: 12.69 min Scan# 936
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1232712

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	13.1	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:264 Resp: 296326

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	22.2	18.2	27.4