Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083270.D
Acq On : 25 Nov 2015 13:29
Operator : UM/IZ
Sample : G4534-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-44

Quant Time: Nov 26 01:09:03 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	6.74	152	620277	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	623418	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	327123	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	608990	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	516983	20.00	ng	-0.08
86) Perylene-d12	15.07	264	376715	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	482705	11.77	ng	-0.10
7) Phenol-d6	6.25	99	406368	7.66	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1324894	97.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	273045	81.59	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1889505	80.55	ng	-0.07
78) Terphenyl-d14	12.68	244	1724190	78.54	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.25	77	646	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	177851	4.81	ng	# 73
50) 2,6-Dinitrotoluene	9.62	165	42160	7.46	ng	# 15
56) 2,4-Dinitrotoluene	9.62	165	42163	5.89	ng	# 13
66) 4-Bromophenyl-phenylether	10.41	248	19599	2.90	ng	# 1

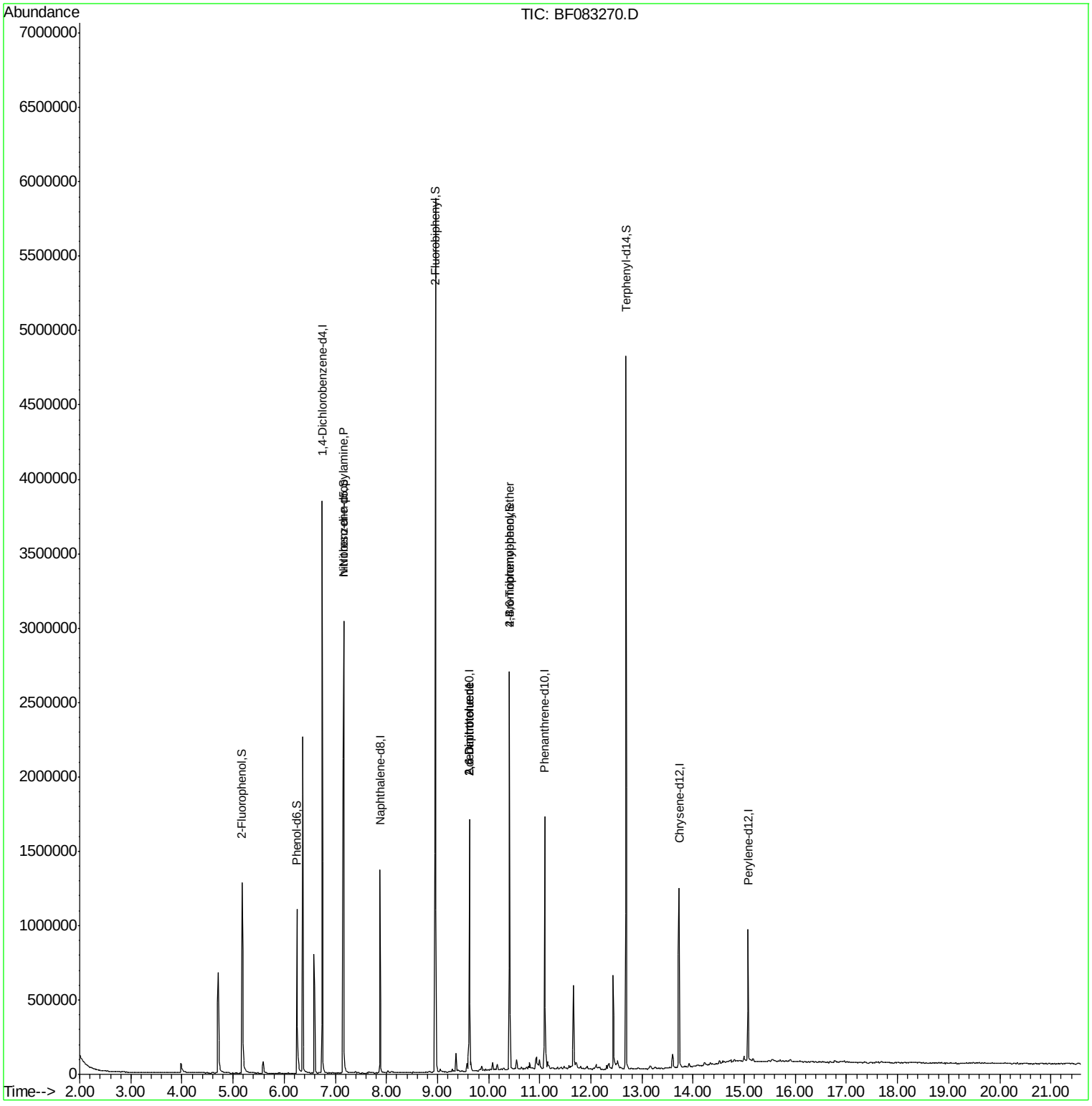
(#) = qualifier out of range (m) = manual integration (+) = signals summed

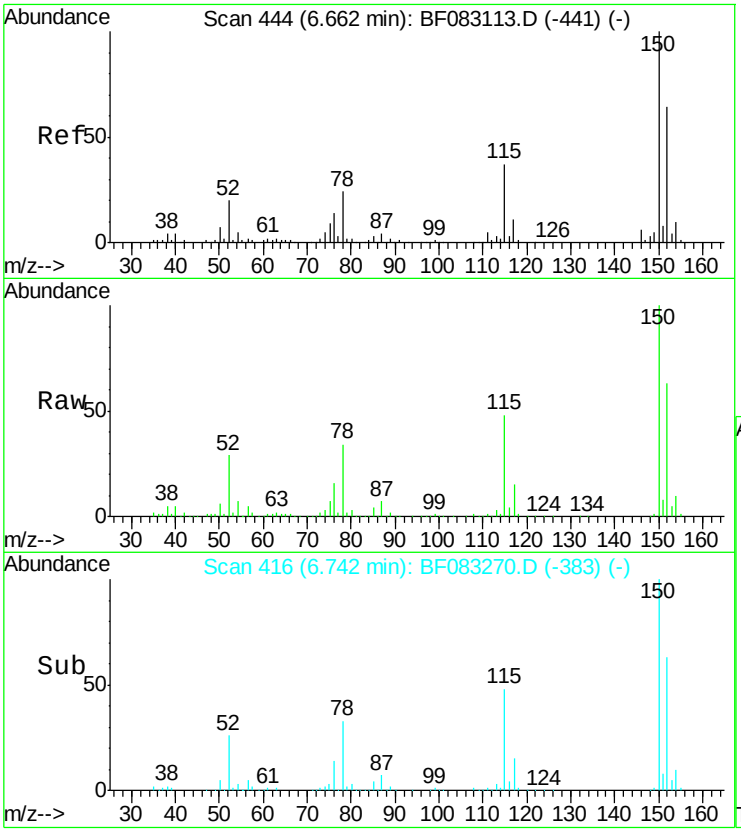
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083270.D
Acq On : 25 Nov 2015 13:29
Operator : UM/IZ
Sample : G4534-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-44

Quant Time: Nov 26 01:09:03 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



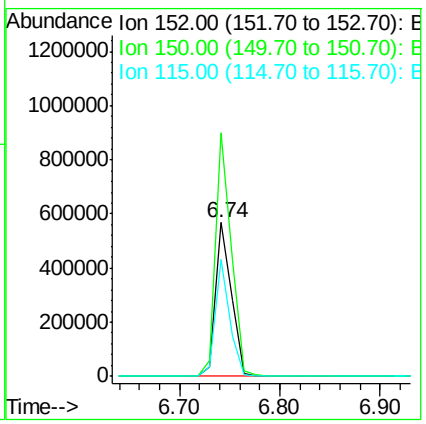


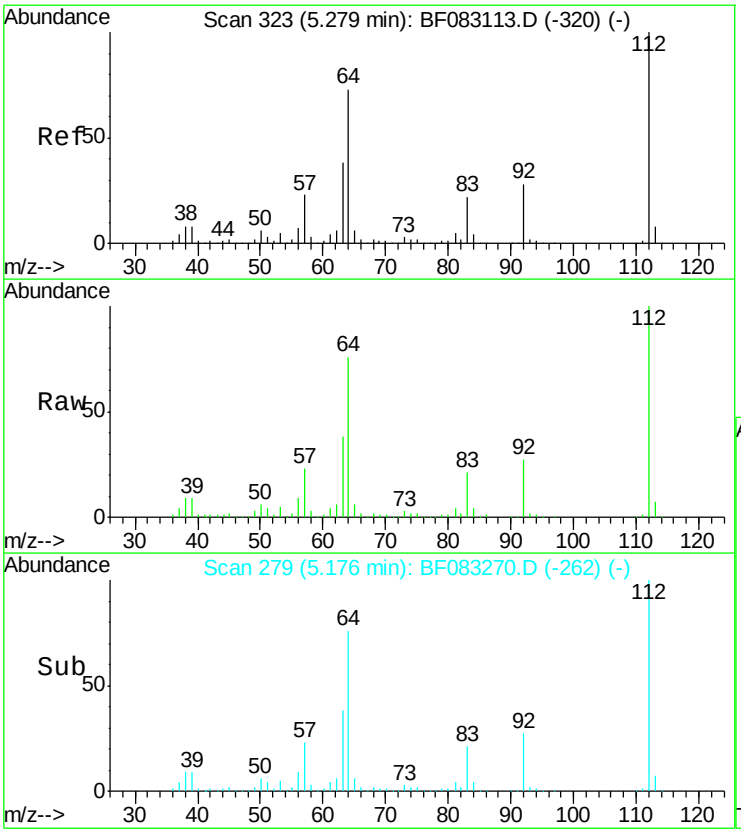
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 416
Delta R.T. 0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:152 Resp: 620277

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.8
115	76.1	46.9	70.3#

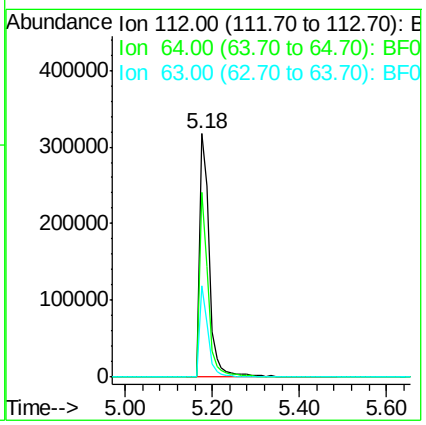


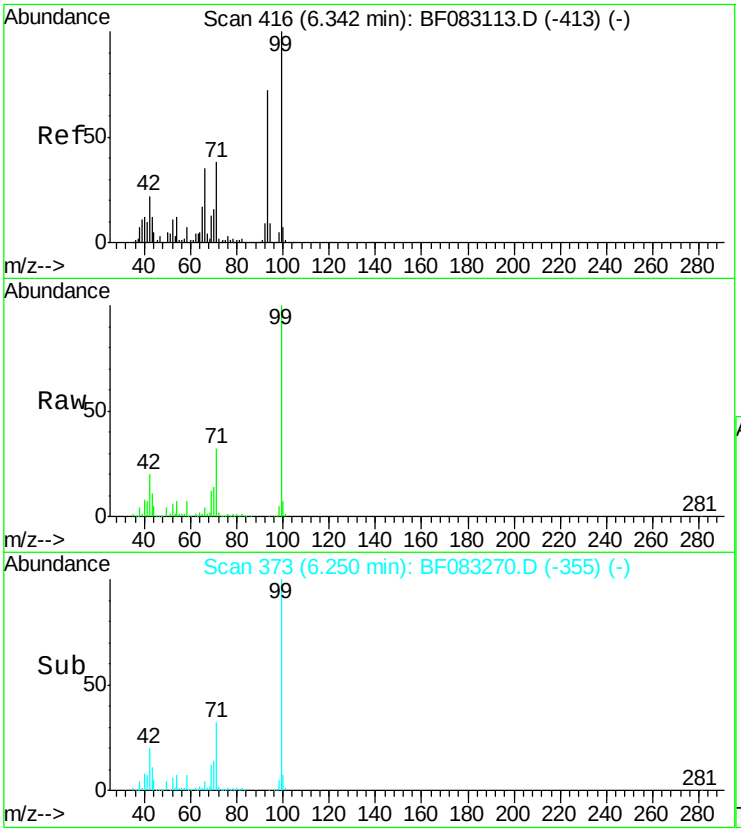


#5
2-Fluorophenol
Concen: 11.77 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.10 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:112 Resp: 482705

Ion	Ratio	Lower	Upper
112	100		
64	75.8	58.4	87.6
63	37.7	30.0	45.0



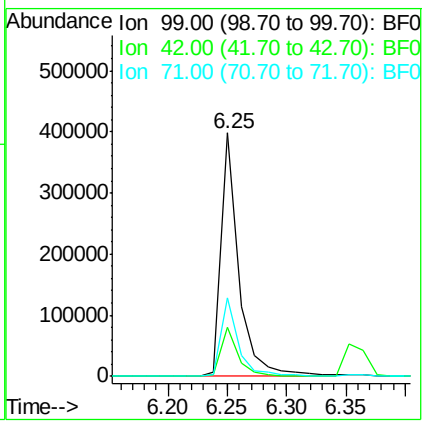


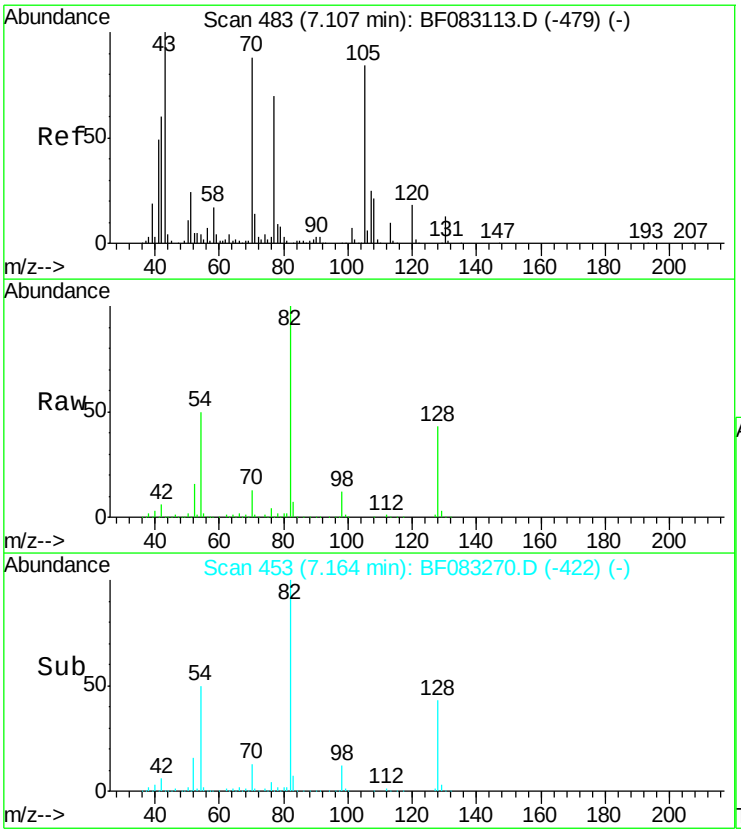
#7
Phenol-d6
Concen: 7.66 ng
RT: 6.25 min Scan# 373
Delta R.T. -0.09 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion: 99 Resp: 406368

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.7	26.5
71	32.2	30.2	45.4

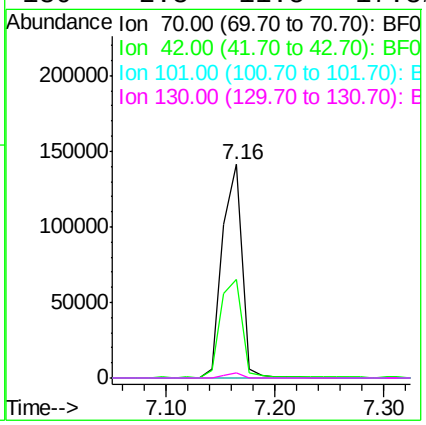


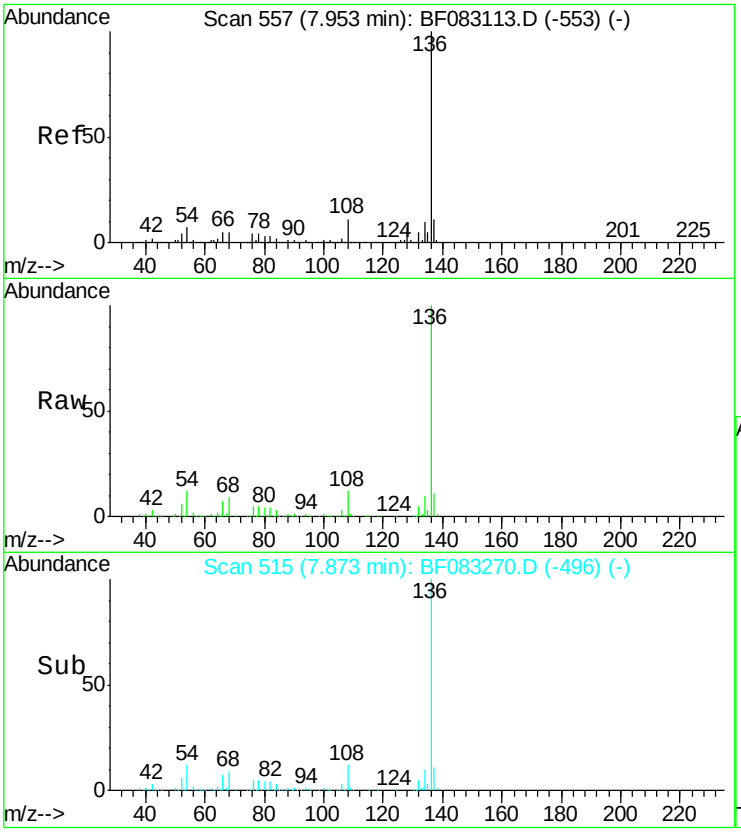


#19
n-Nitroso-di-n-propylamine
Concen: 4.81 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion: 70 Resp: 177851

Ion	Ratio	Lower	Upper
70	100		
42	45.9	54.5	81.7#
101	0.0	6.6	9.8#
130	2.3	11.5	17.3#



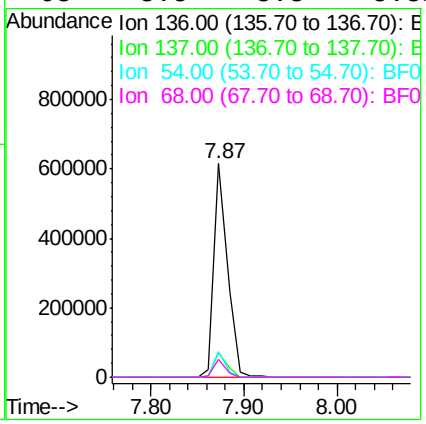


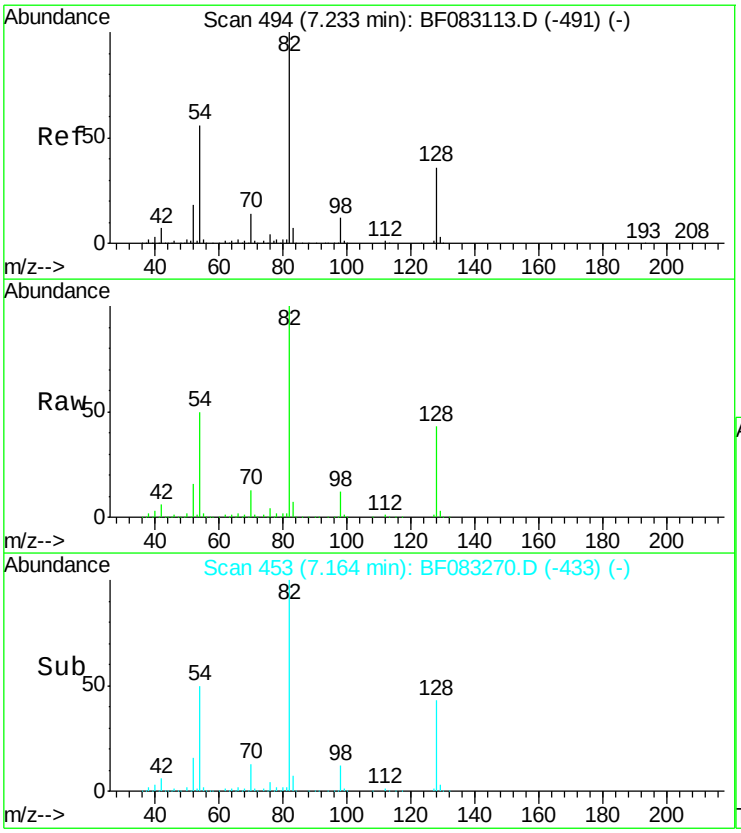
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:136 Resp: 623418

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.3	5.8	8.6#
68	8.5	3.8	5.8#

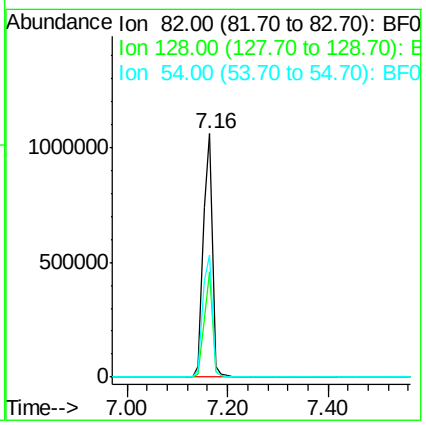


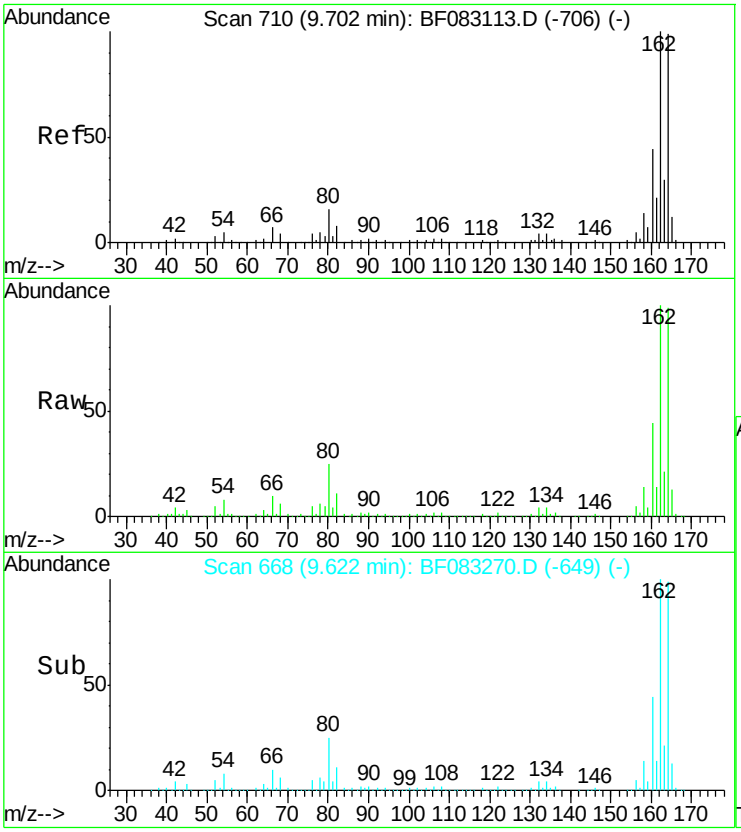


#23
Nitrobenzene-d5
Concen: 97.11 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion: 82 Resp: 1324894

Ion	Ratio	Lower	Upper
82	100		
128	43.4	28.5	42.7#
54	50.3	44.6	67.0



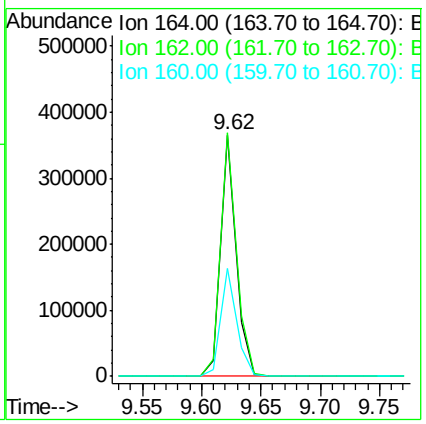


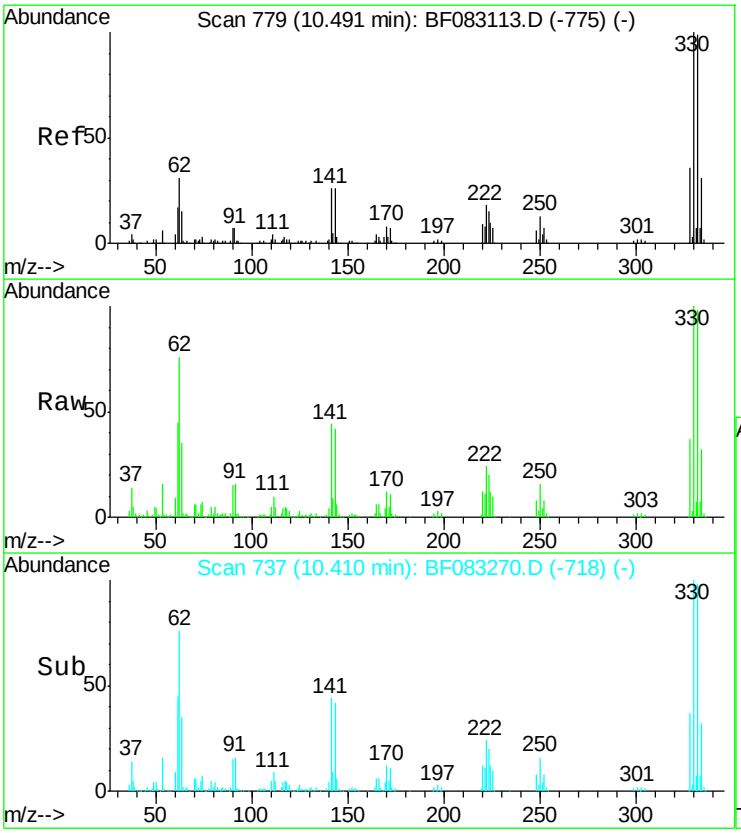
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:164 Resp: 327123

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	44.6	35.6	53.4

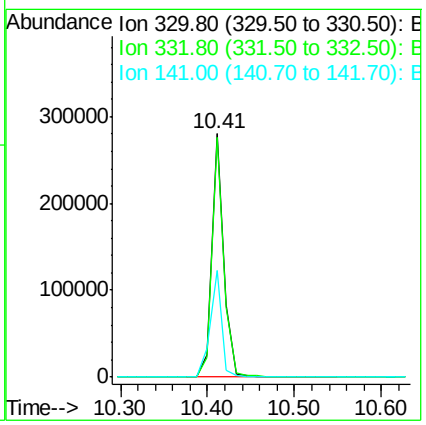


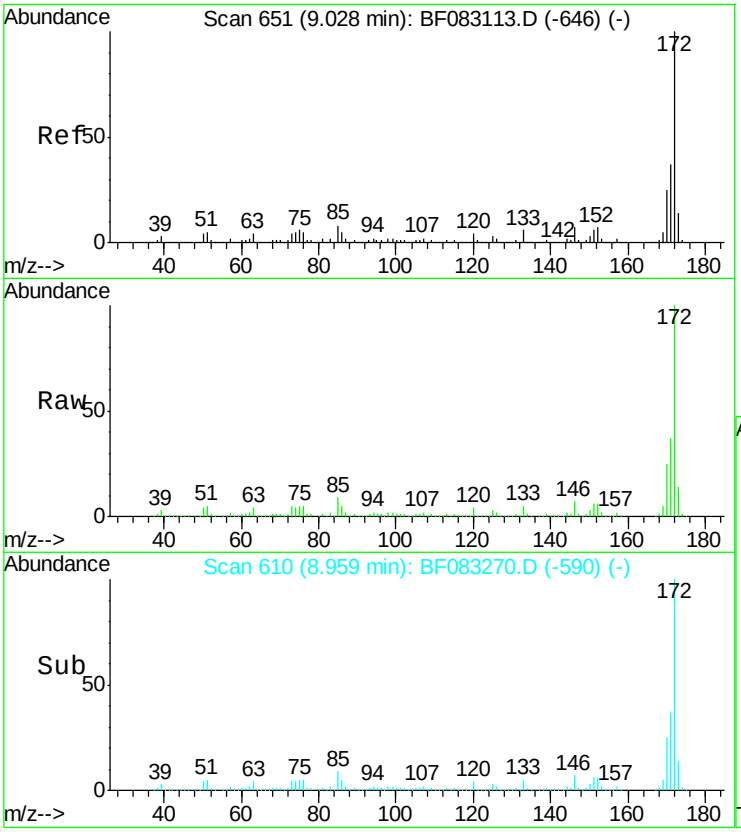


#41
2,4,6-Tribromophenol
Concen: 81.59 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:330 Resp: 273045

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	42.3	29.7	44.5



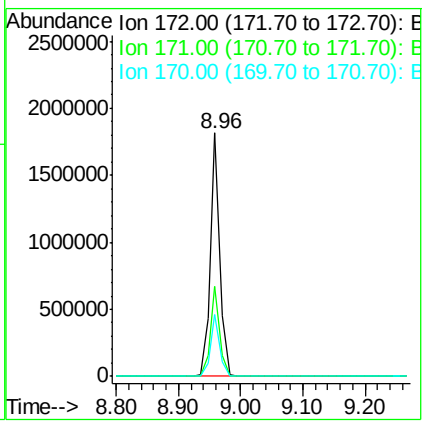


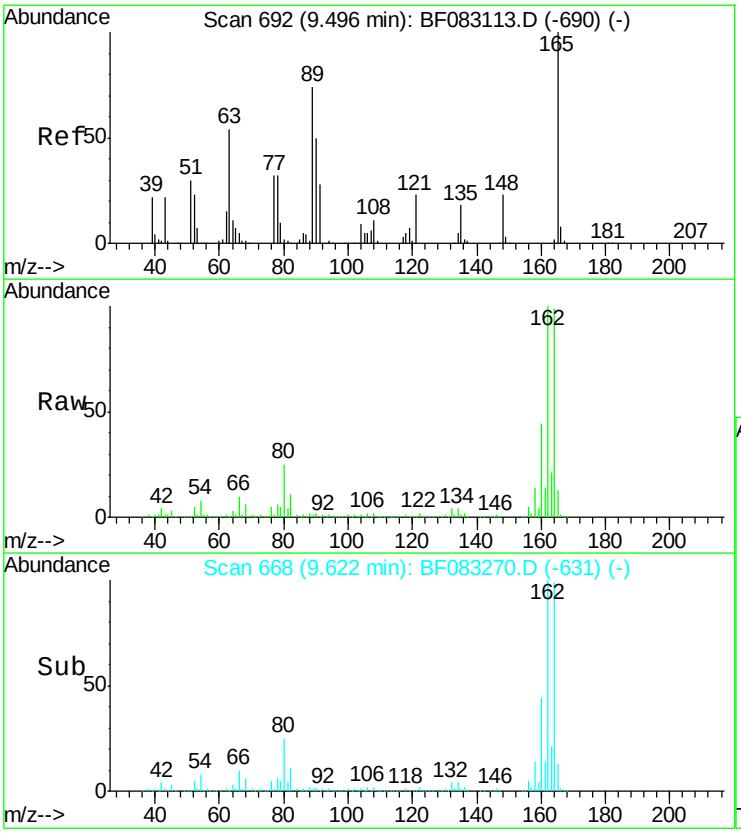
#44
2-Fluorobiphenyl
Concen: 80.55 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:172 Resp: 1889505

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	25.4	19.9	29.9

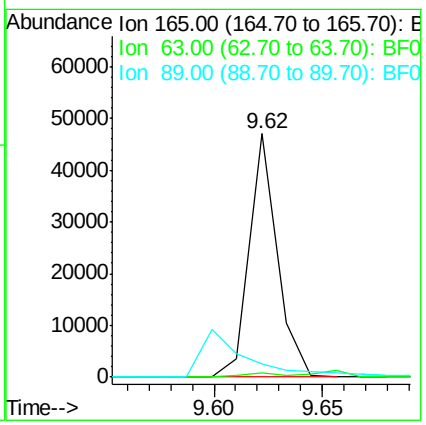


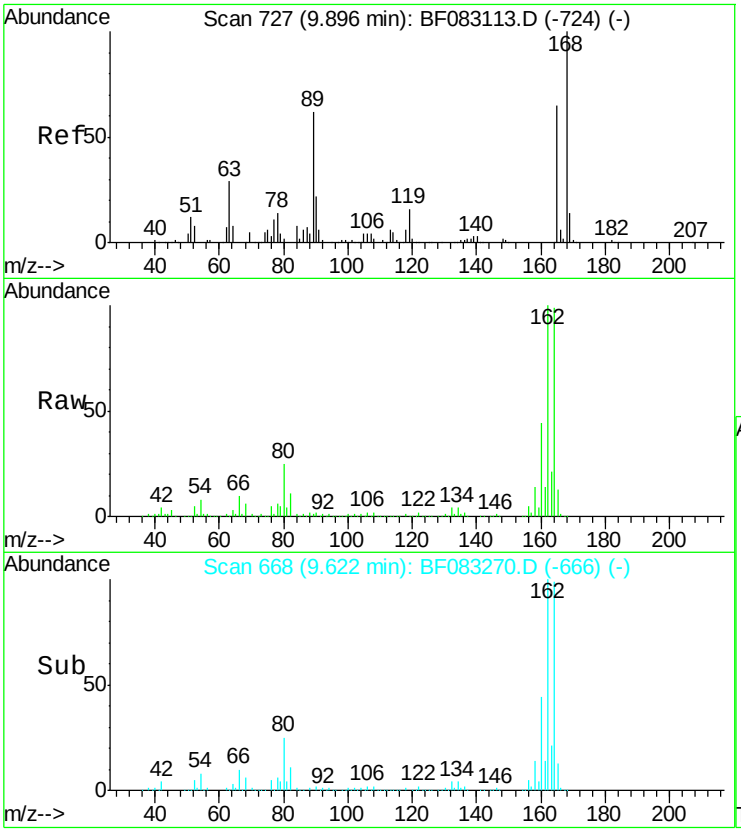


#50
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.13 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:165 Resp: 42160

Ion	Ratio	Lower	Upper
165	100		
63	1.5	62.5	93.7#
89	5.5	59.1	88.7#



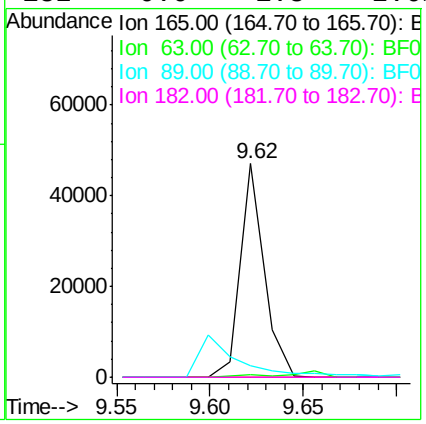


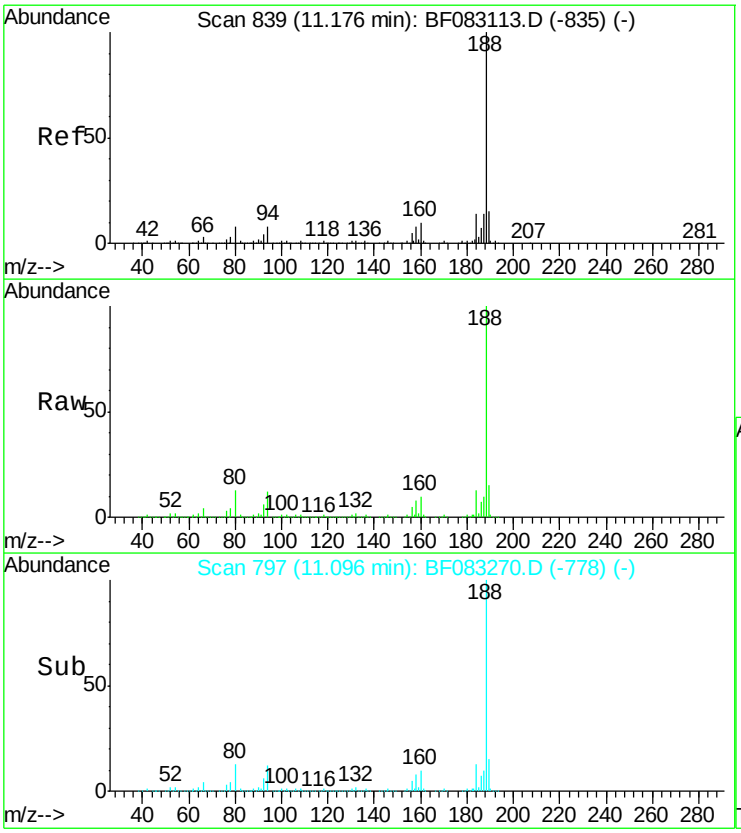
#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:165 Resp: 42163

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.5	81.7#
89	5.5	77.3	115.9#
182	0.0	1.8	2.6#

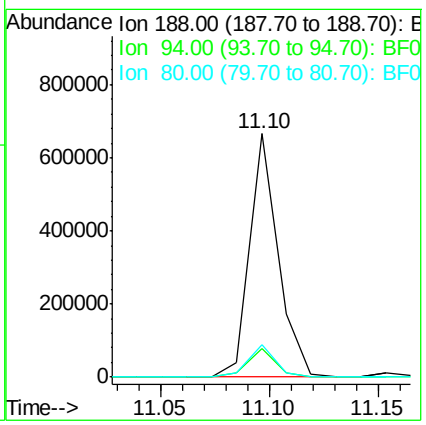


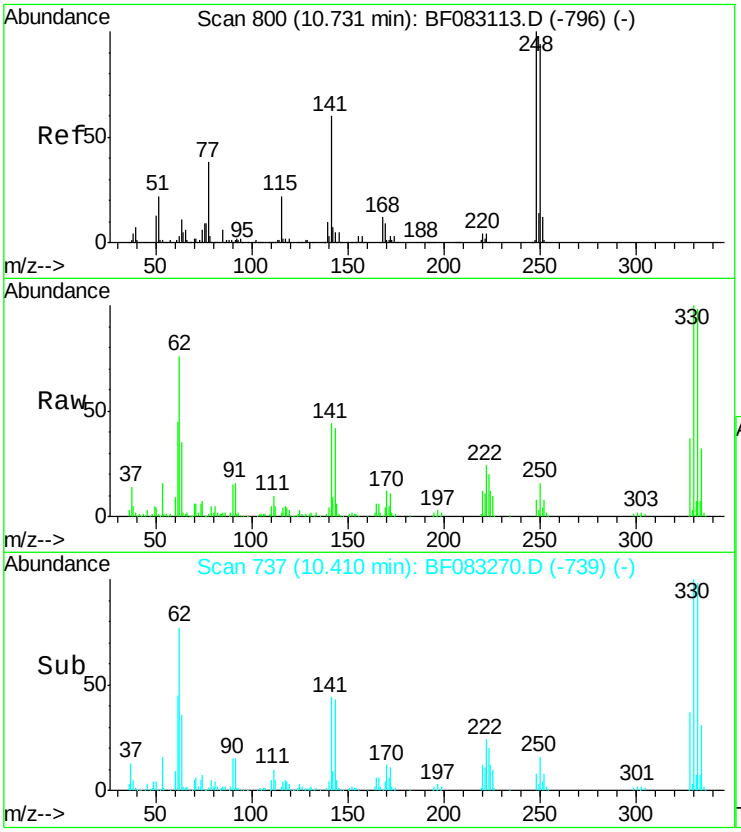


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:188 Resp: 608990

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.0	9.0#
80	13.4	6.7	10.1#



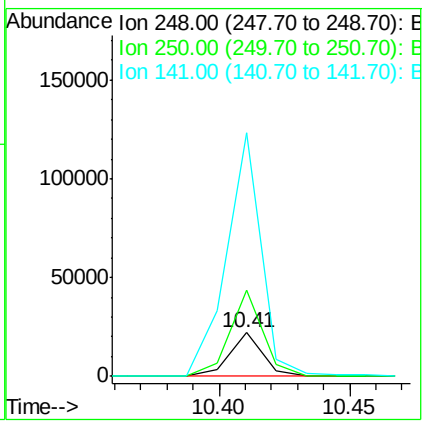


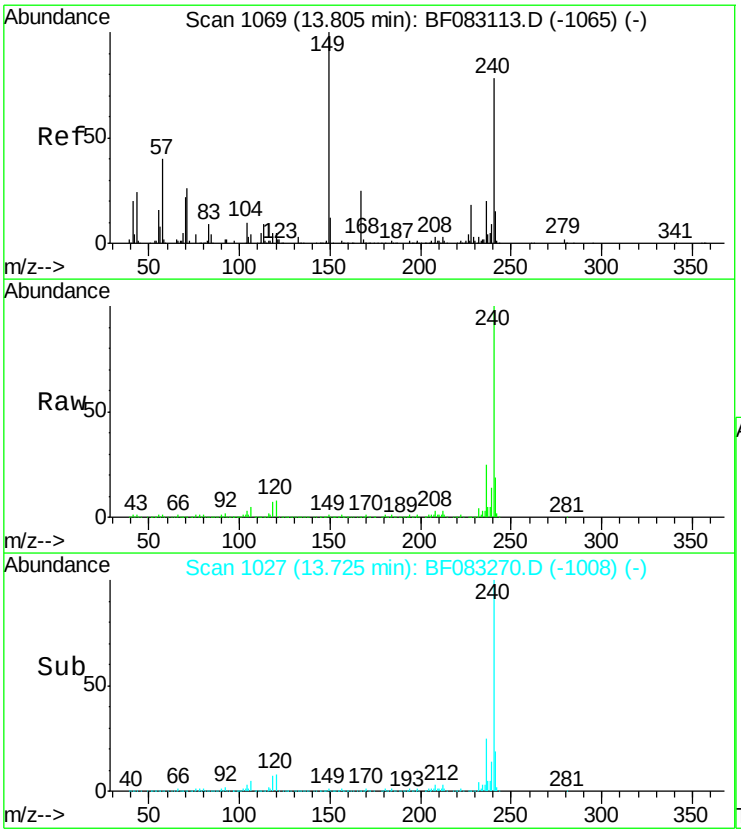
#66
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:248 Resp: 19599

Ion	Ratio	Lower	Upper
248	100		
250	197.4	75.4	113.2#
141	558.4	48.1	72.1#

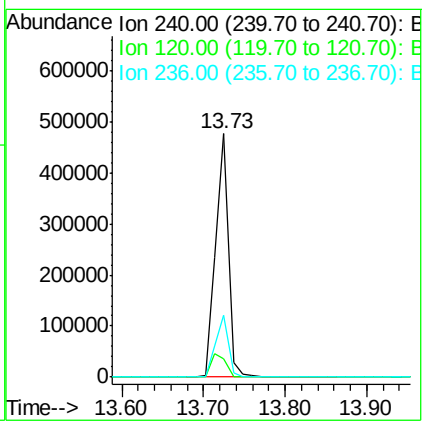


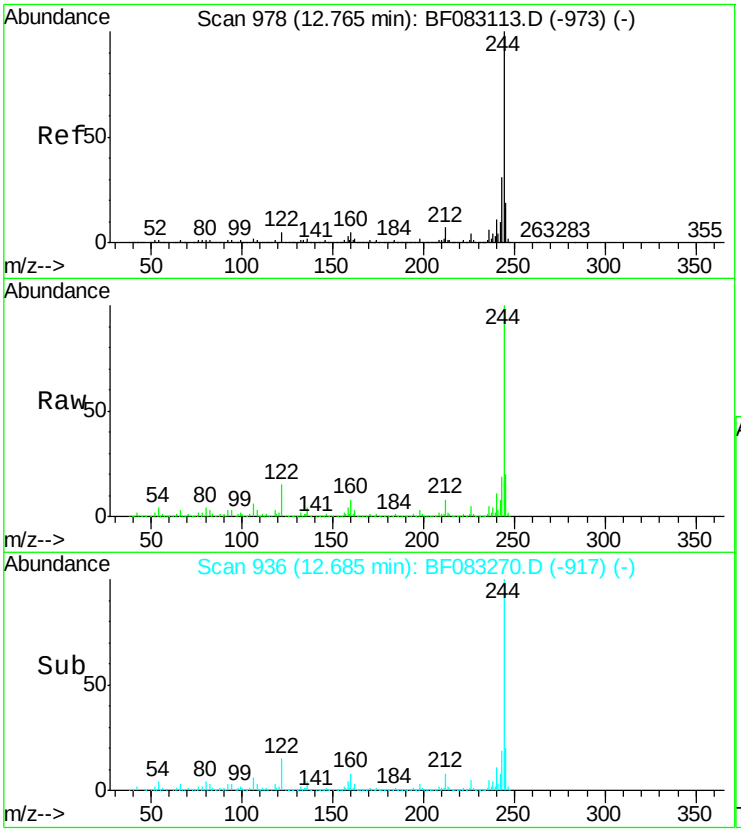


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:240 Resp: 516983

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.4	8.2
236	25.4	20.6	31.0



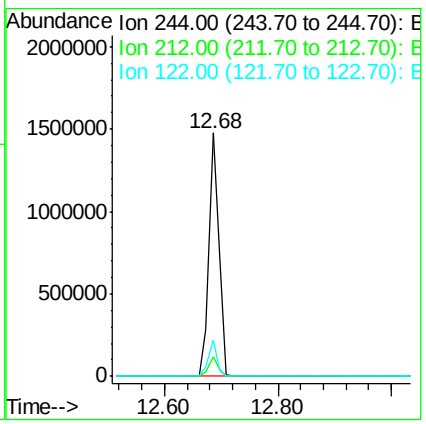


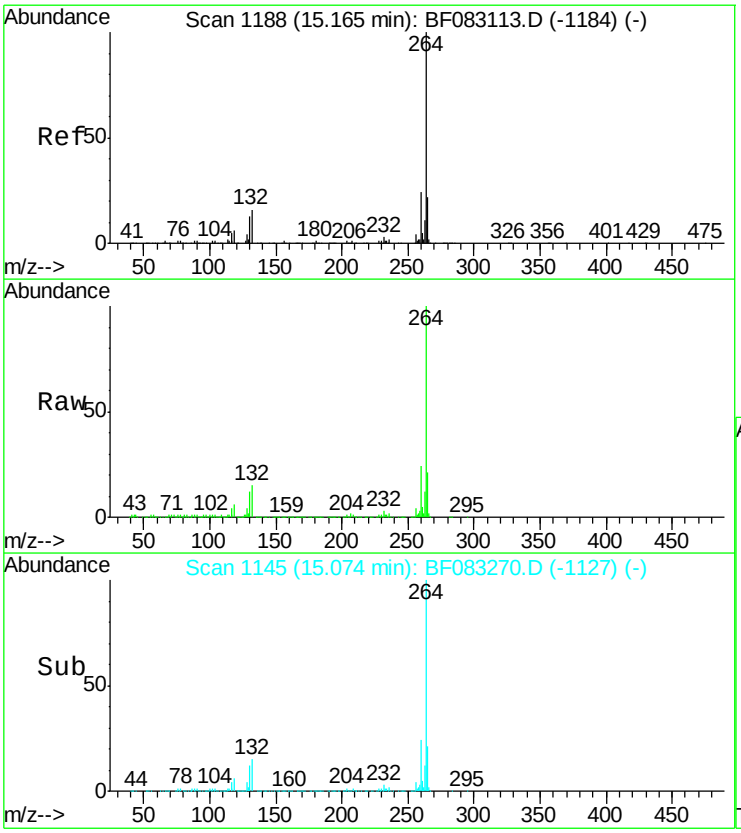
#78
Terphenyl-d14
Concen: 78.54 ng
RT: 12.68 min Scan# 936
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion:244 Resp: 1724190

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.2
122	14.9	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: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:264 Resp: 376715

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.3	18.2	27.4