Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084368.D
Acq On : 10 Jan 2016 16:49
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253671	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1070490	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	485728	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	870422	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	571573	20.00	ng		-0.05
86) Perylene-d12	15.45	264	471612	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1770387	112.88	ng		-0.02
7) Phenol-d6	6.51	99	2525010	128.19	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1636887	85.10	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	594353	121.20	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2087893	74.86	ng		-0.04
78) Terphenyl-d14	12.97	244	1795446	70.12	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	235442	17.66	ng	#	71
49) Dimethylphthalate	9.62	163	671659	19.34	ng	#	91
54) Dibenzofuran	10.10	168	736	Below Cal		#	33
56) 2,4-Dinitrotoluene	9.89	165	64229	6.66	ng	#	21
57) Fluorene	10.68	166	21606	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.68	198	1231	6.59	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	32983	3.52	ng	#	1
73) Di-n-butylphthalate	11.95	149	3670	Below Cal		#	79

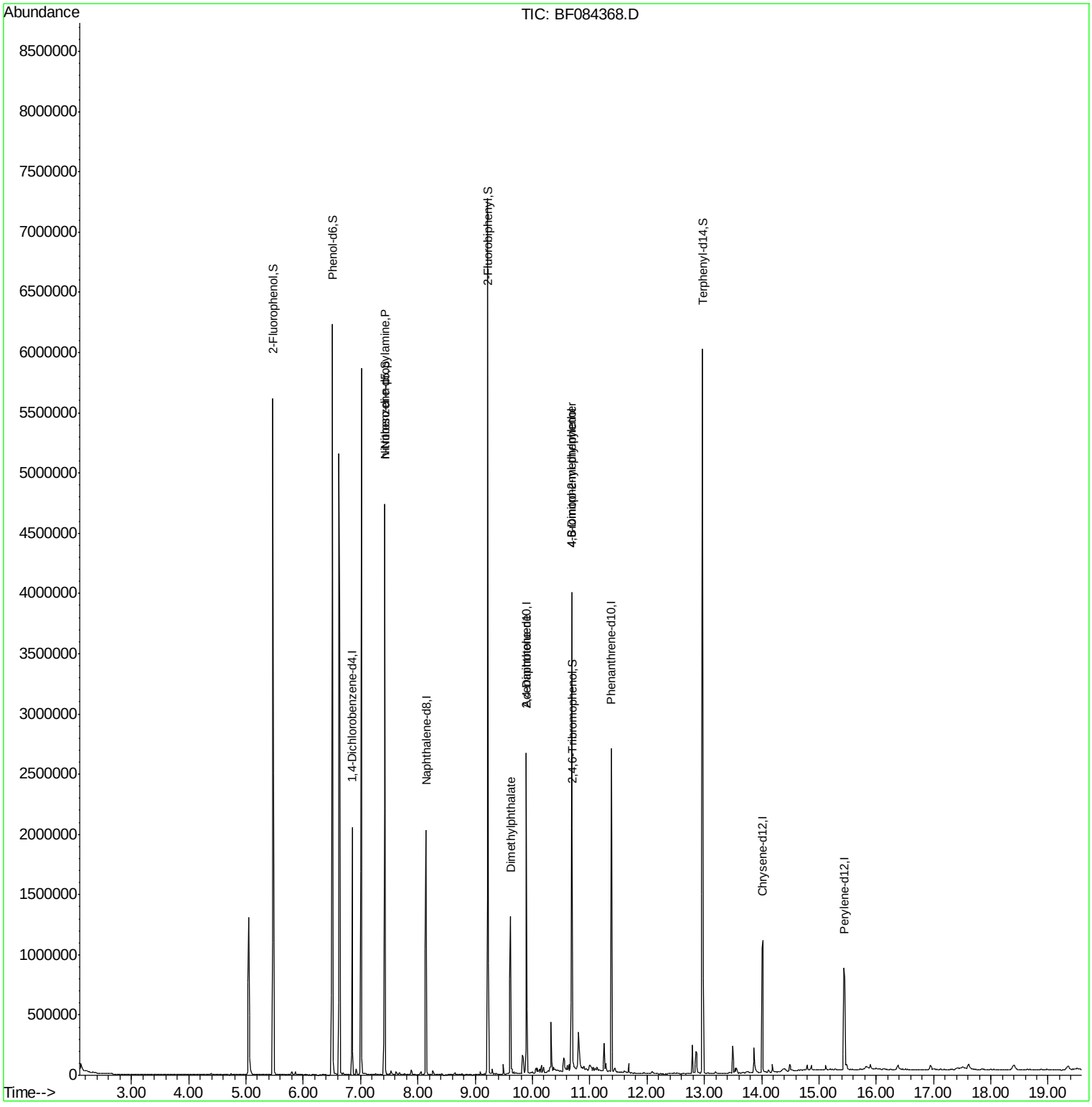
(#) = qualifier out of range (m) = manual integration (+) = signals summed

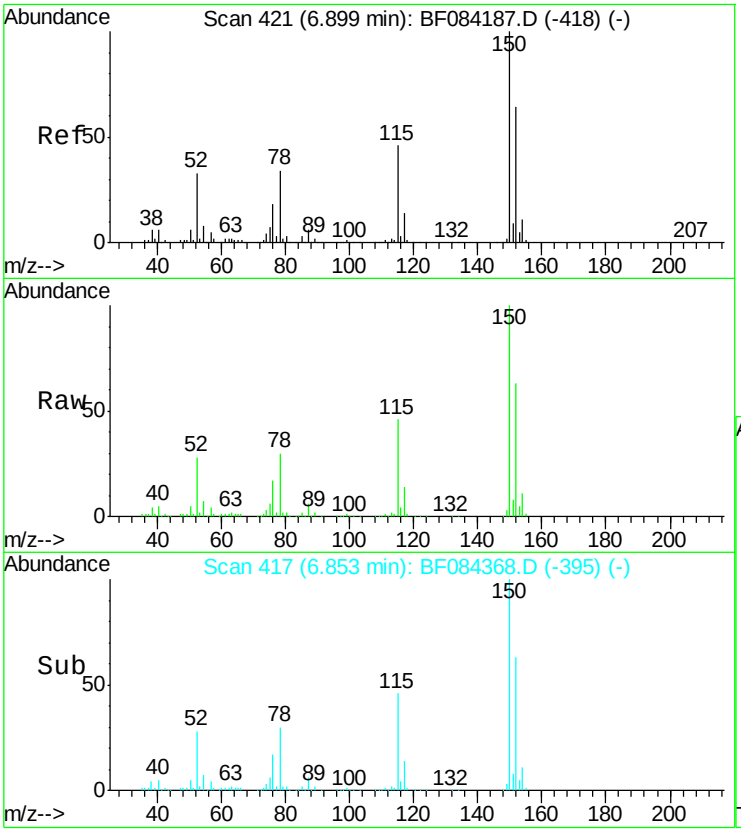
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084368.D
Acq On : 10 Jan 2016 16:49
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



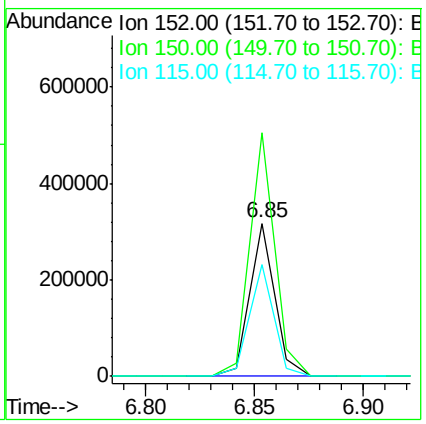


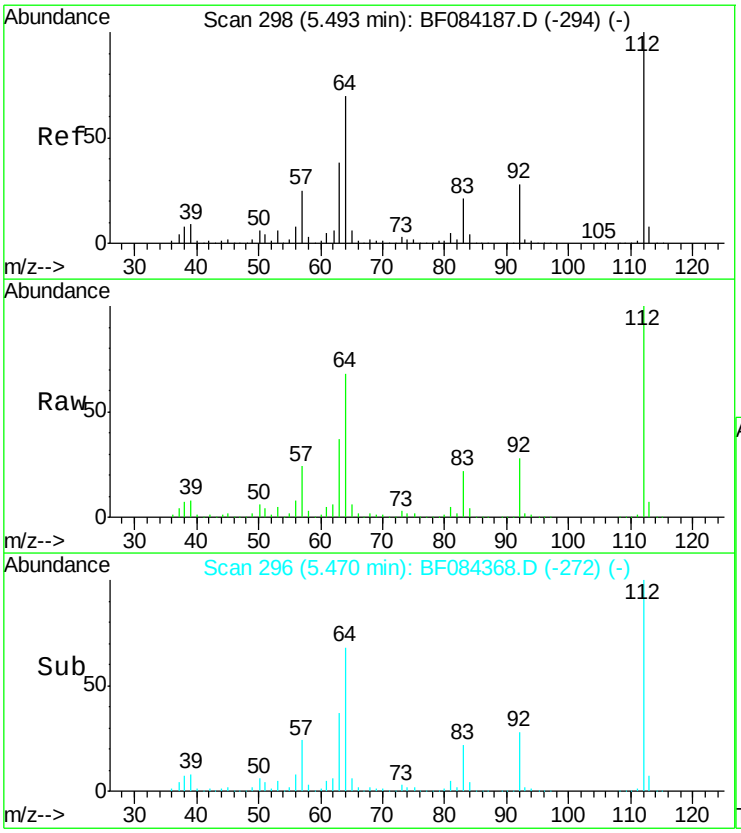
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 253671

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.0	184.4
115	73.5	51.4	77.2

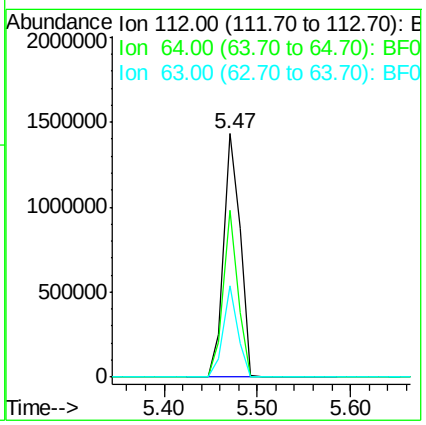


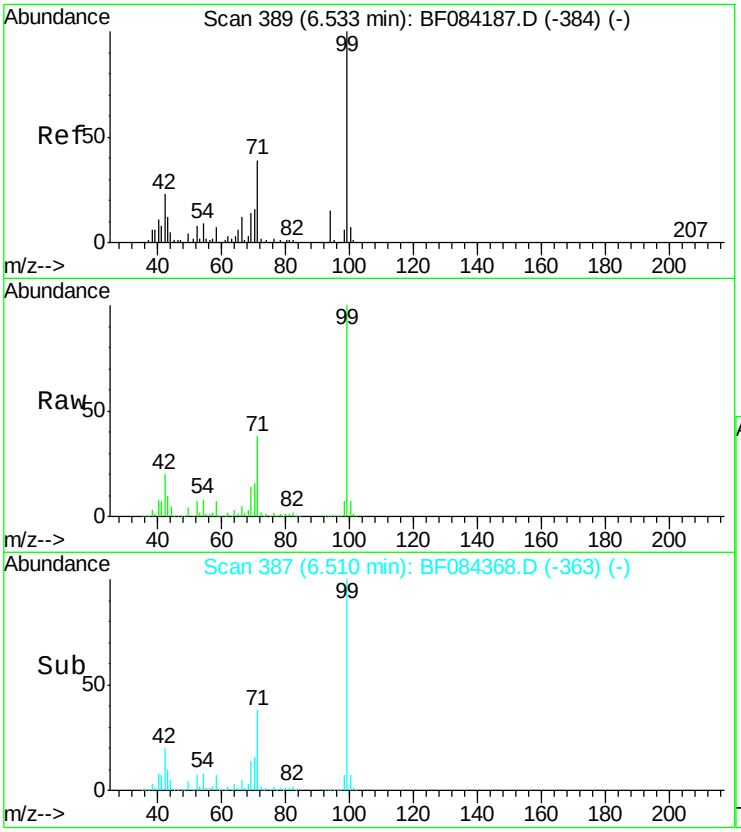


#5
2-Fluorophenol
Concen: 112.88 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:112 Resp: 1770387

Ion	Ratio	Lower	Upper
112	100		
64	68.5	36.6	55.0#
63	37.2	19.4	29.0#



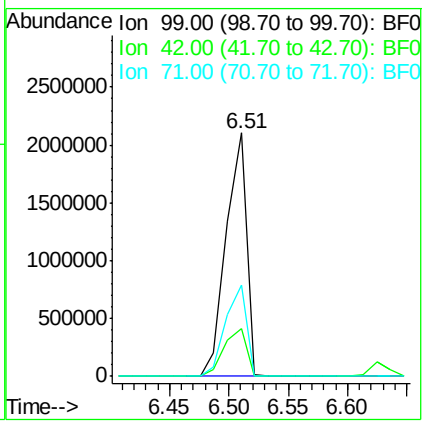


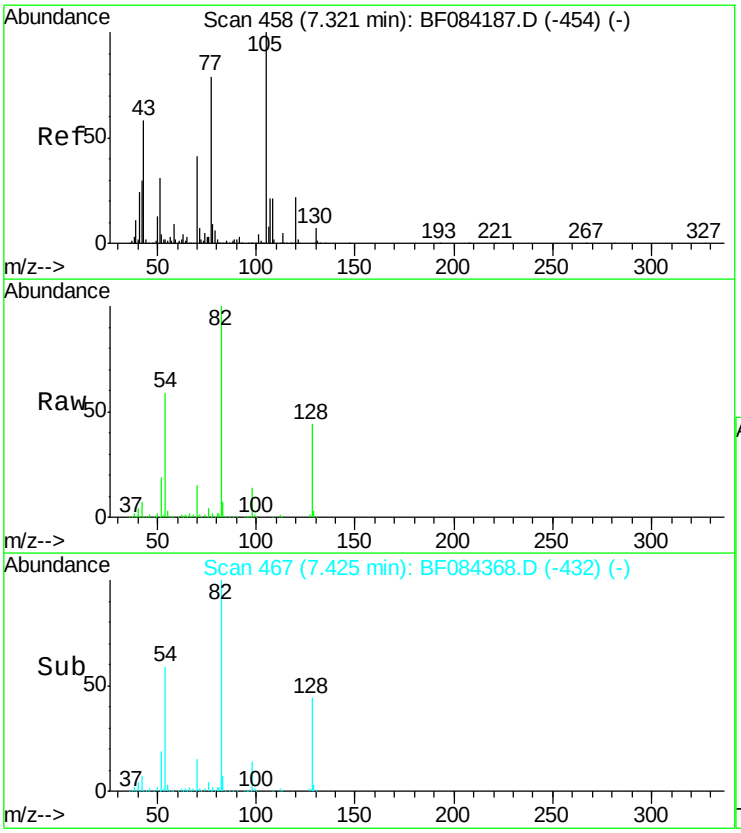
#7
Phenol-d6
Concen: 128.19 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2525010

Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	37.7	30.9	46.3

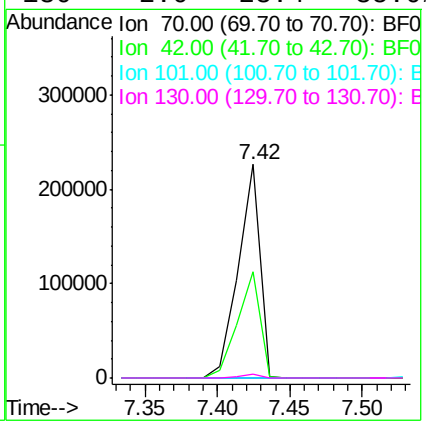


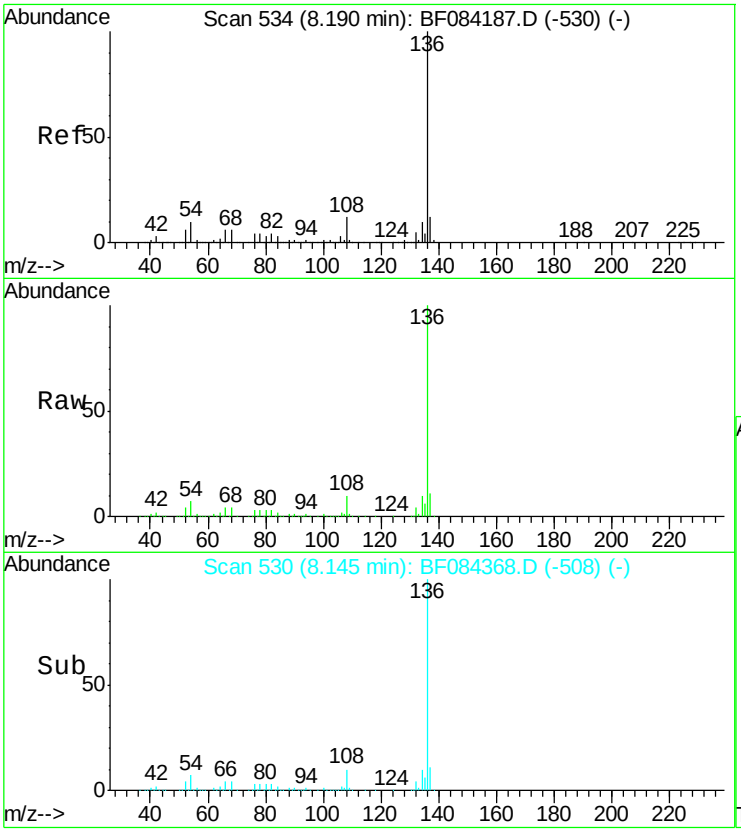


#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion: 70 Resp: 235442

Ion	Ratio	Lower	Upper
70	100		
42	49.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



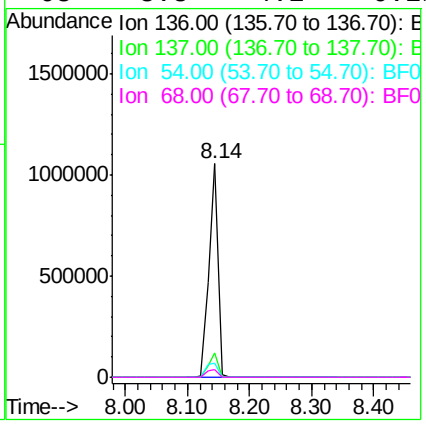


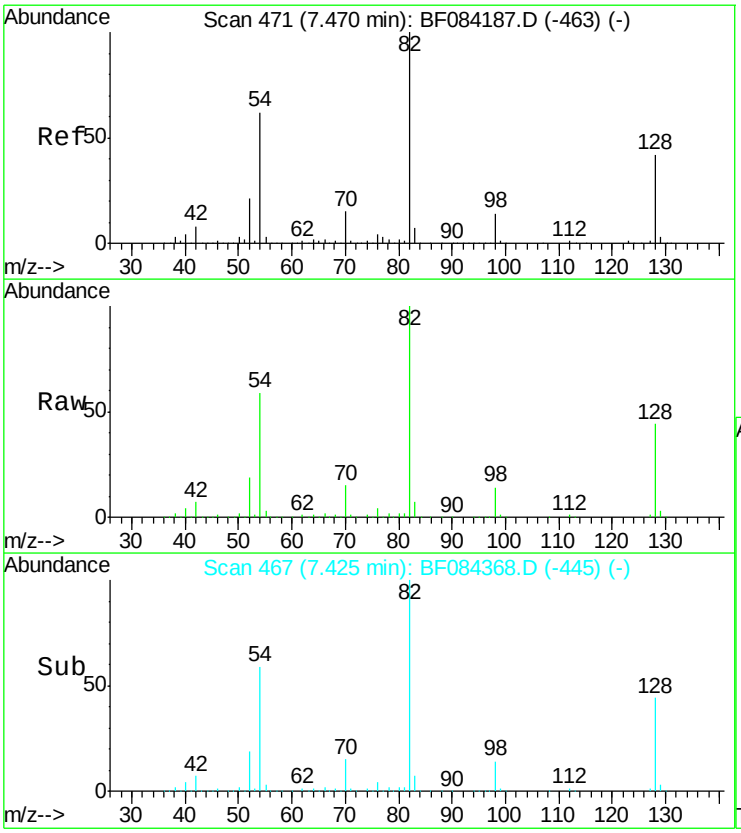
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1070490

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.7	5.8	8.8
68	3.8	4.2	6.2#

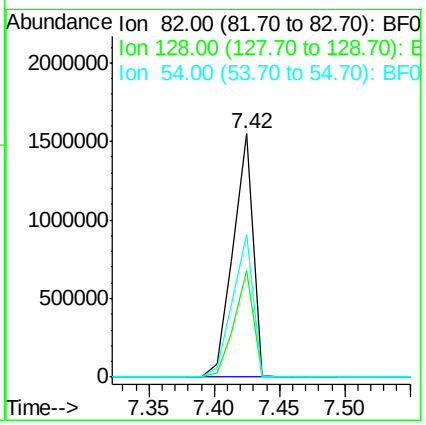


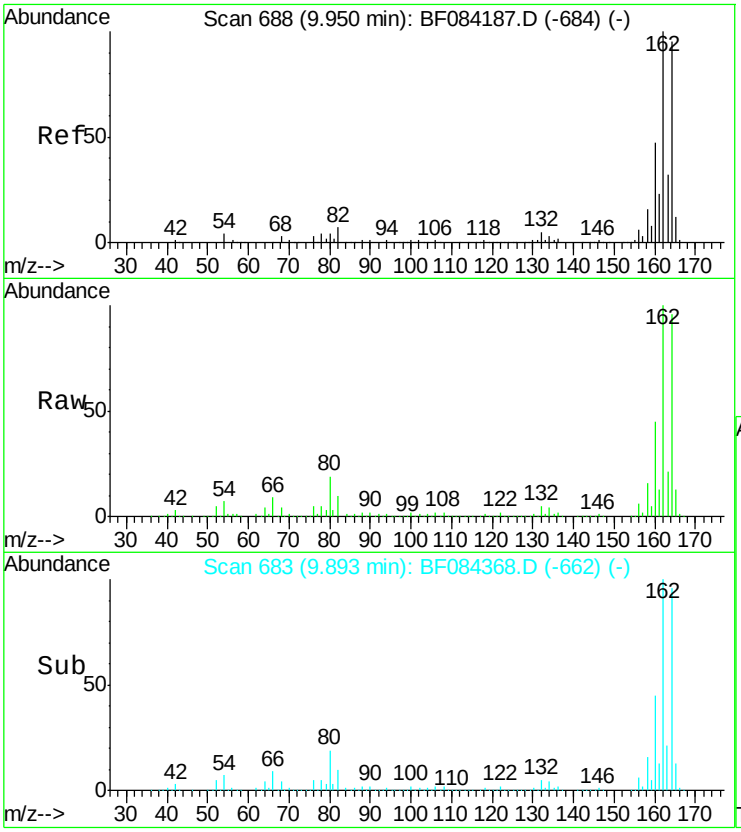


#23
Nitrobenzene-d5
Concen: 85.10 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion: 82 Resp: 1636887

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	58.7	38.4	57.6#



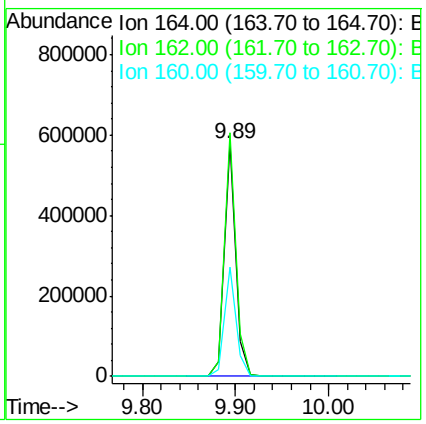


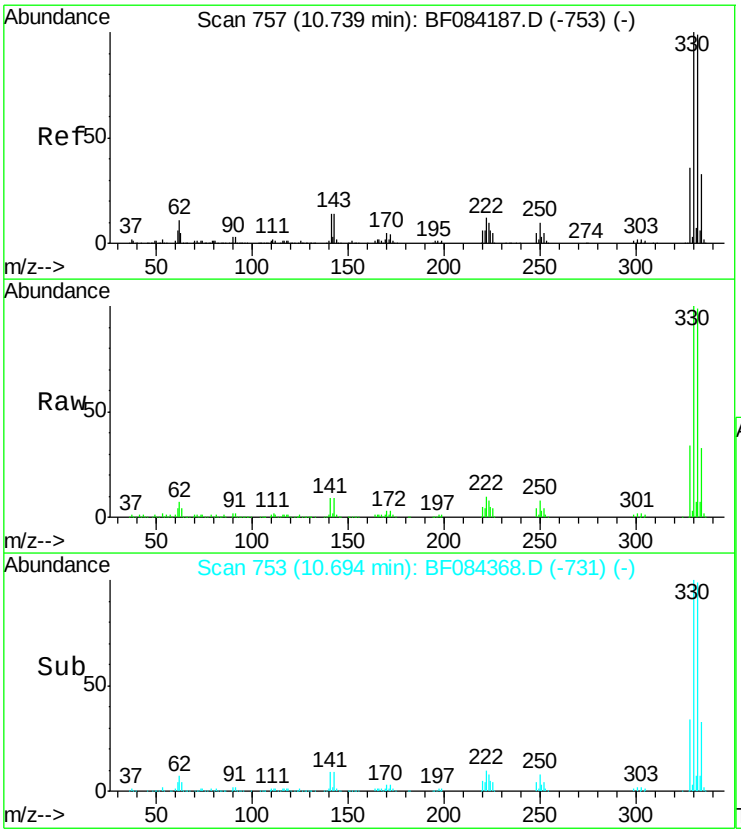
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 485728

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	46.8	37.5	56.3

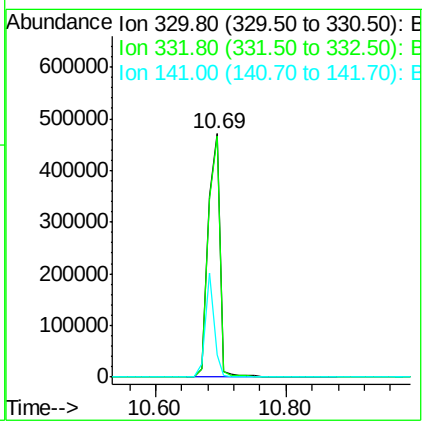


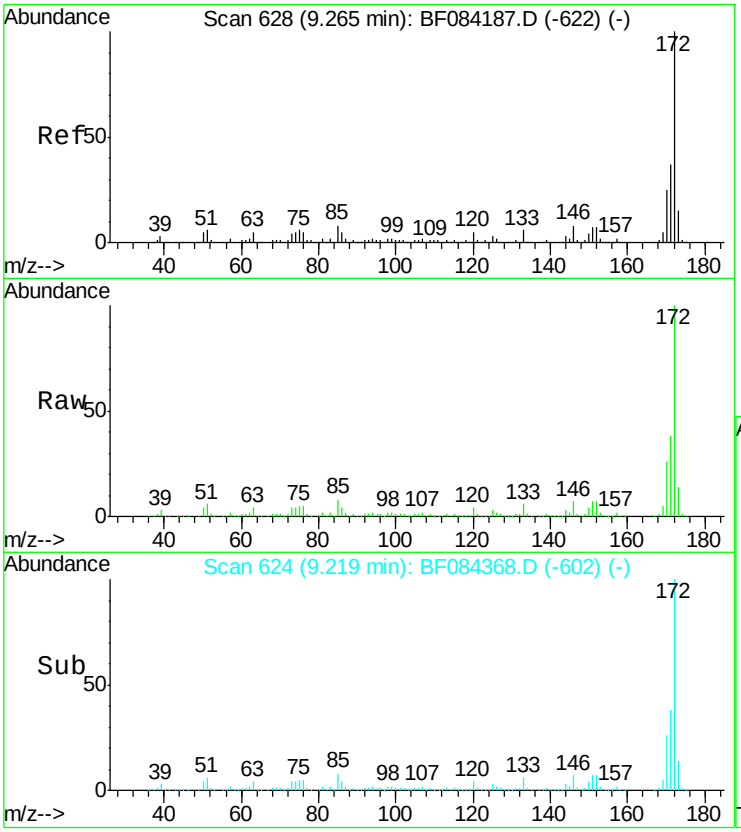


#41
2,4,6-Tribromophenol
Concen: 121.20 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:330 Resp: 594353

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	32.6	27.8	41.6



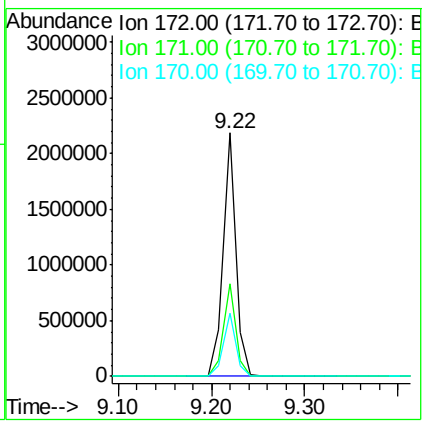


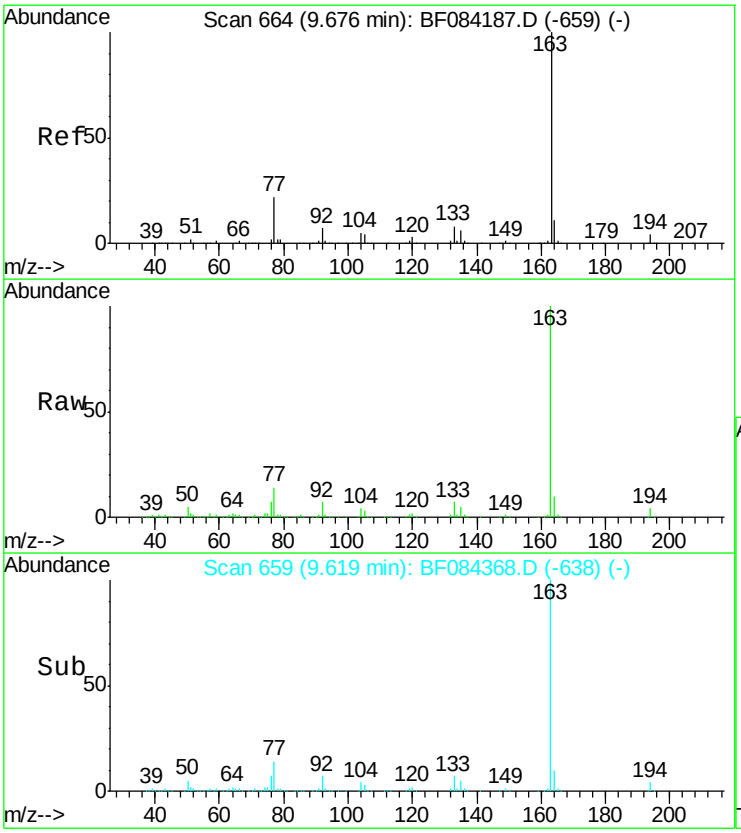
#44
2-Fluorobiphenyl
Concen: 74.86 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2087893

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	26.0	18.6	27.8

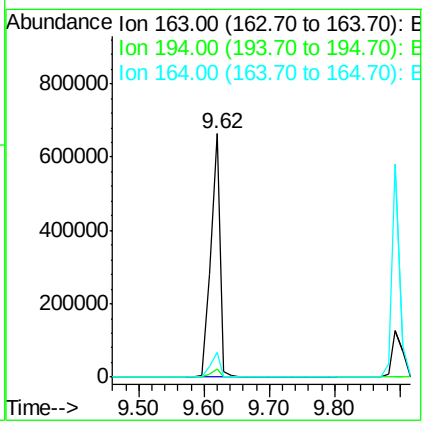


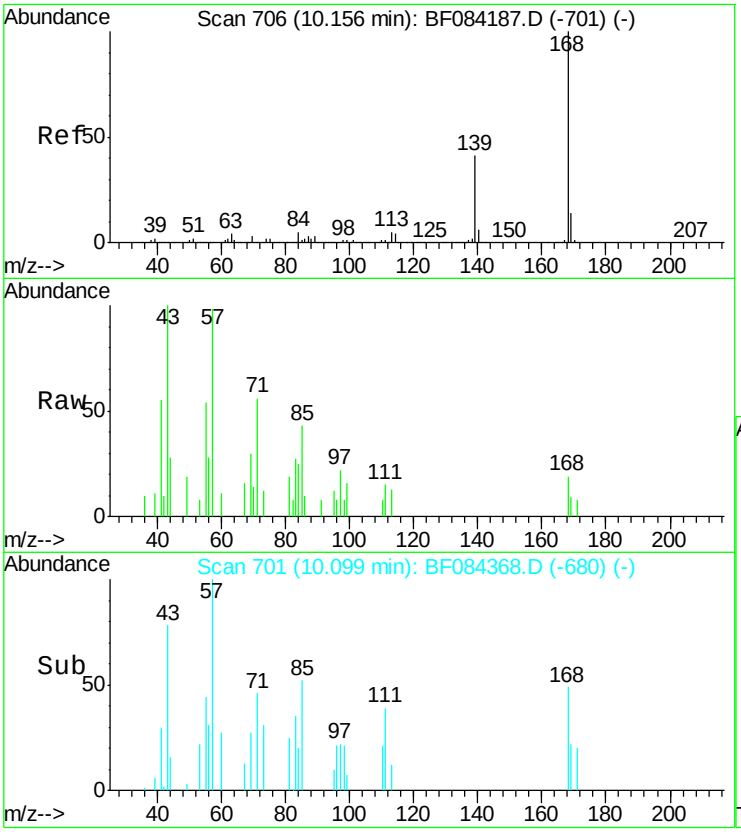


#49
Dimethylphthalate
Concen: 19.34 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:163 Resp: 671659

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.9	8.0	12.0



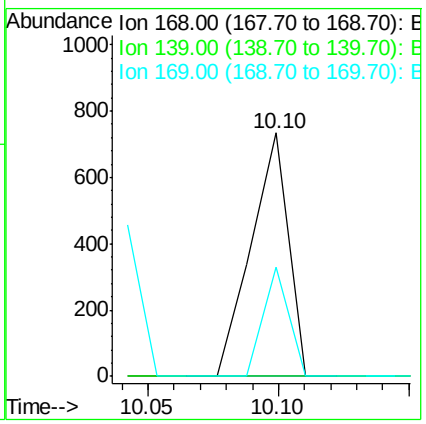


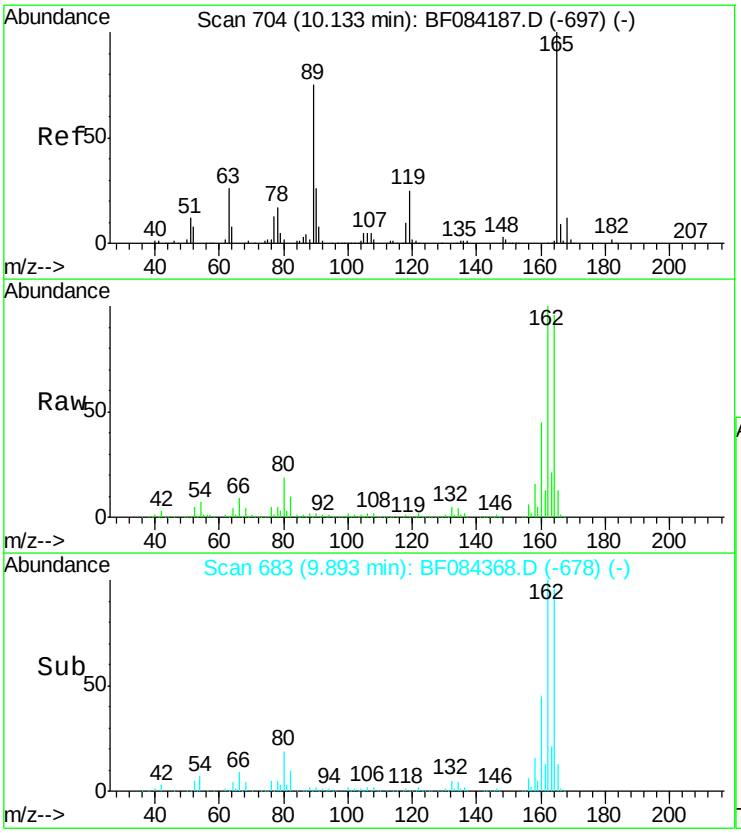
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 736

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	45.0	10.4	15.6#

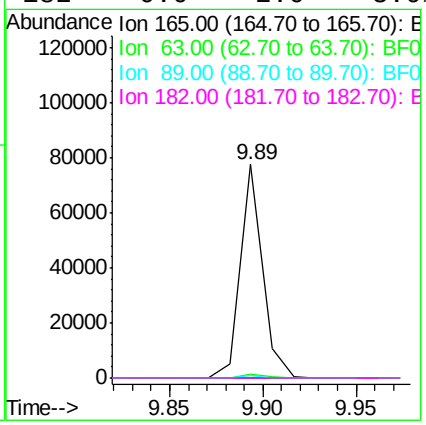


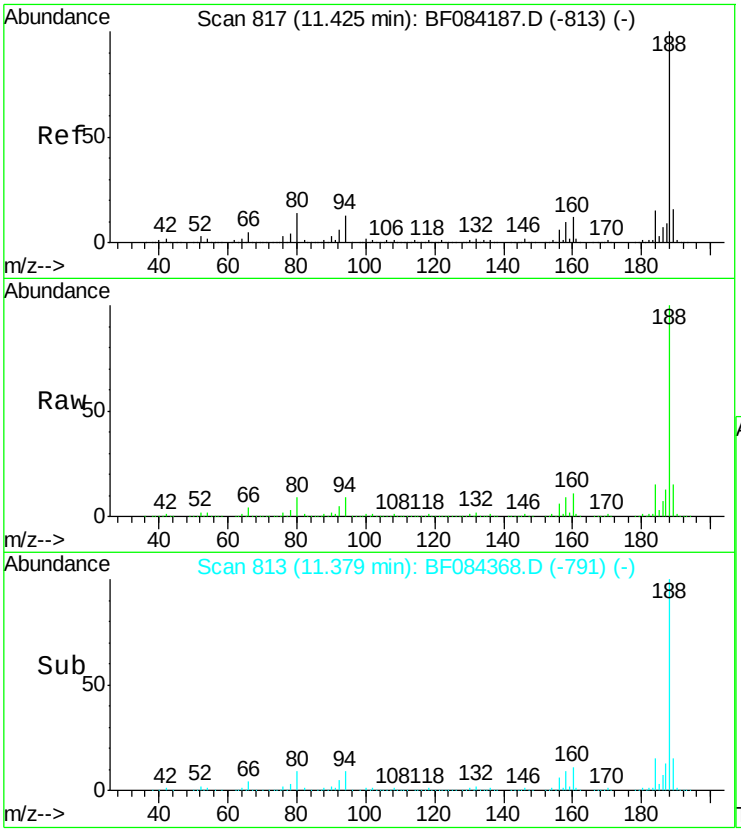


#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:165 Resp: 64229

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



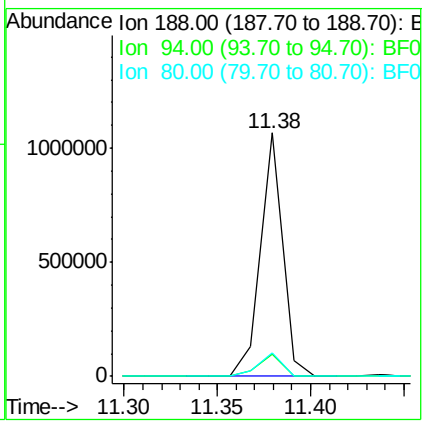


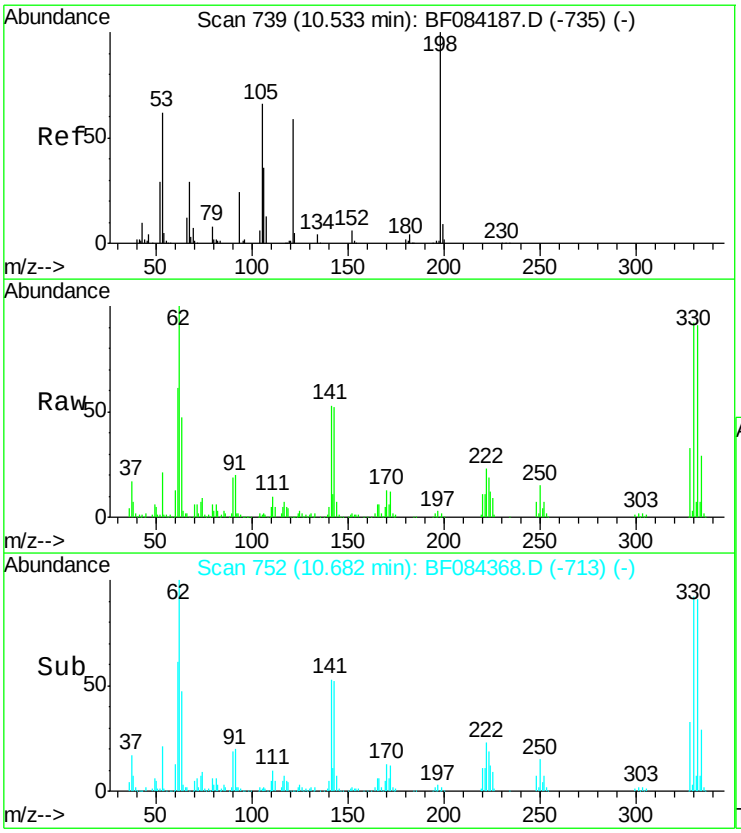
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 870422

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.4	9.6	14.4#

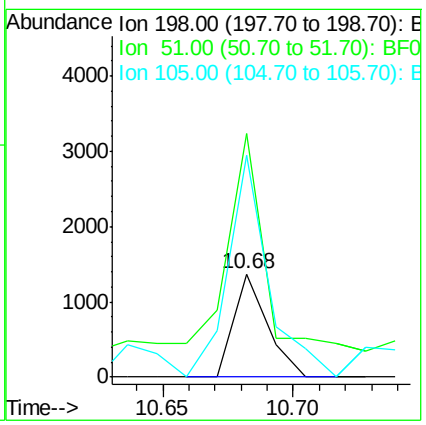


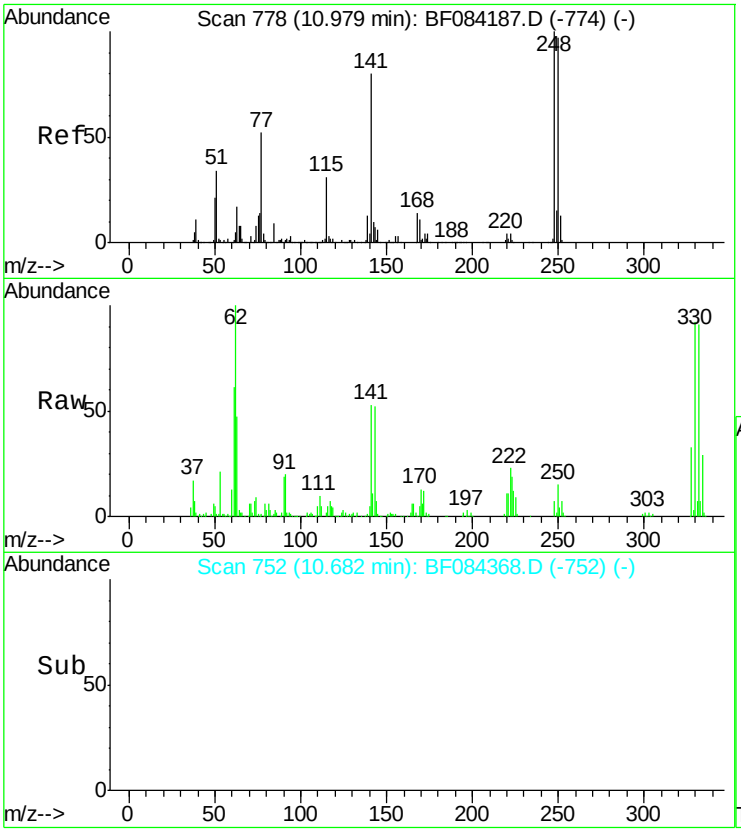


#64
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:198 Resp: 1231

Ion	Ratio	Lower	Upper
198	100		
51	236.5	18.9	58.9#
105	215.3	26.4	66.4#



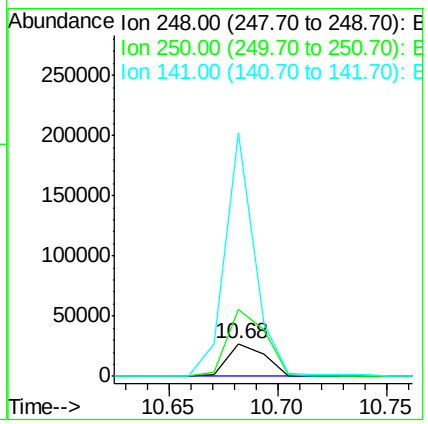


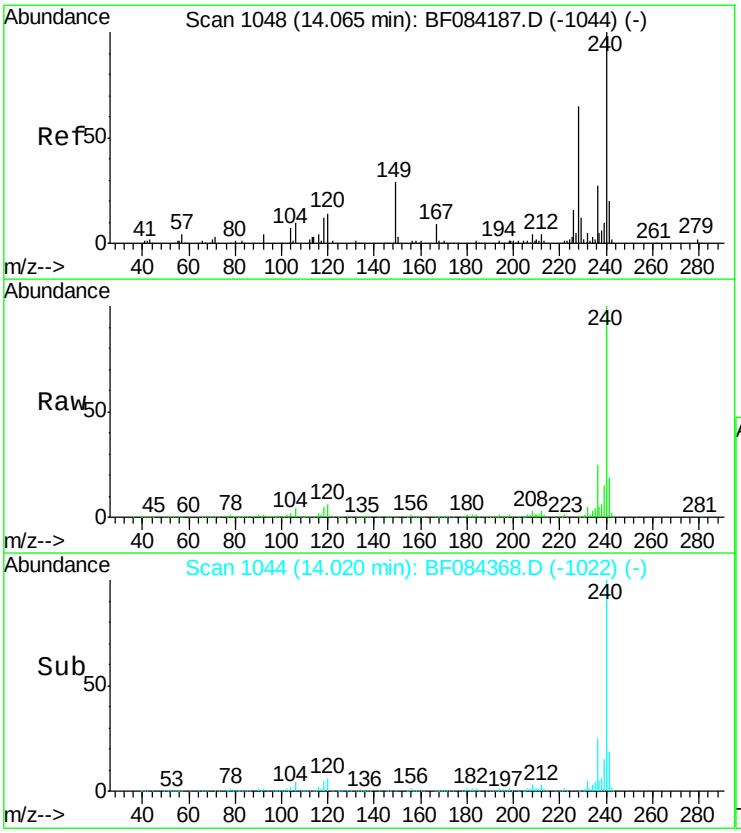
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 32983

Ion	Ratio	Lower	Upper
248	100		
250	207.2	78.4	117.6#
141	750.1	44.0	66.0#

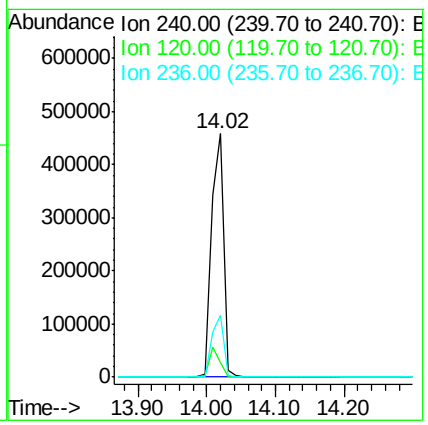


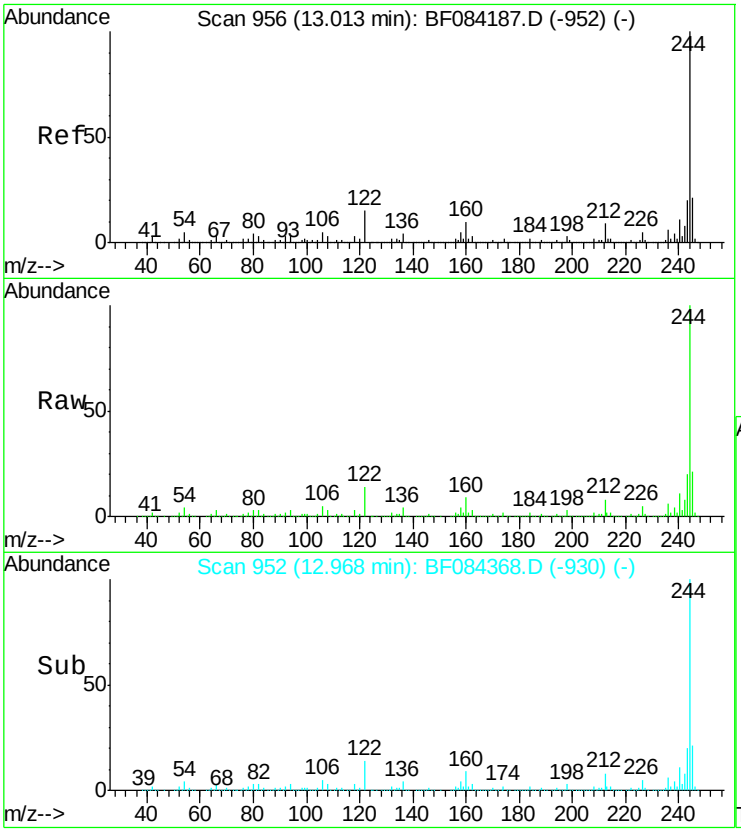


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:240 Resp: 571573

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	25.3	20.6	31.0



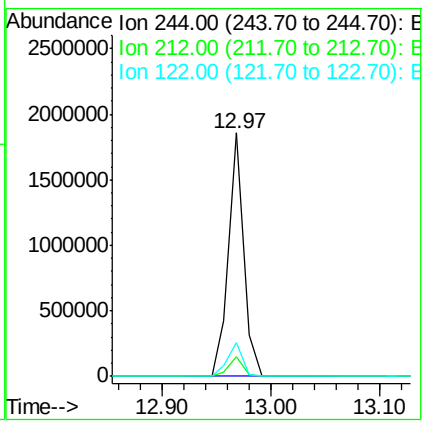


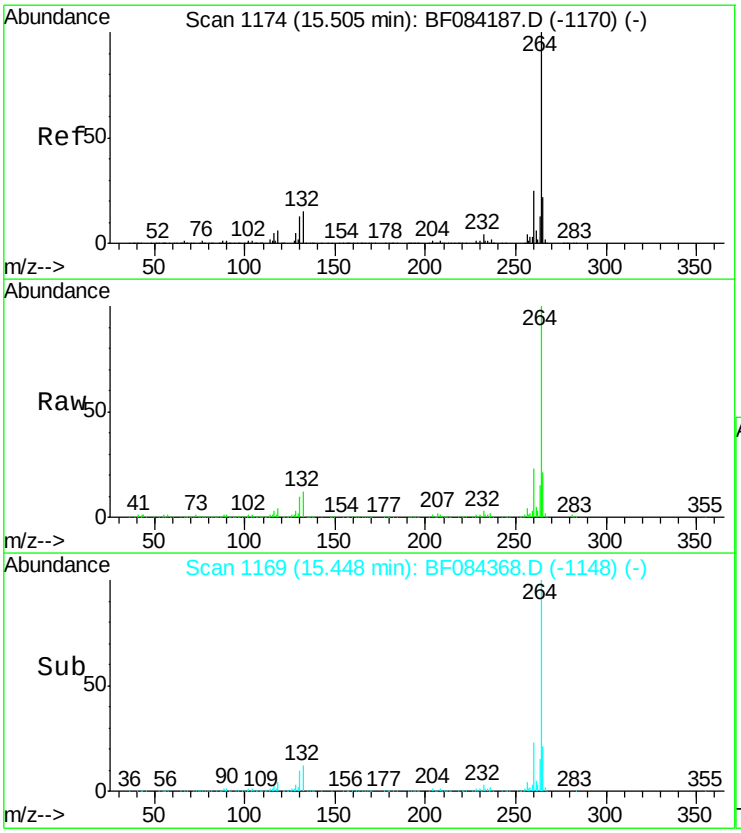
#78
Terphenyl-d14
Concen: 70.12 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1795446

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084368.D
Acq: 10 Jan 2016 16:49

Tgt Ion:264 Resp: 471612

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.0	17.8	26.6