Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084365.D
Acq On : 10 Jan 2016 15:24
Operator : SJ/UM
Sample : H1043-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:03 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	279853	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1219594	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	512697	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	919223	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	603287	20.00	ng		-0.05
86) Perylene-d12	15.45	264	505710	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2202524	127.30	ng		-0.01
7) Phenol-d6	6.51	99	2500646	115.08	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1696659	77.43	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	671173	129.67	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2348897	80.24	ng		-0.05
78) Terphenyl-d14	12.97	244	1799389	66.58	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	56626	4.00	ng		86
19) n-Nitroso-di-n-propylamine	7.42	70	245536	16.69	ng	#	70
49) Dimethylphthalate	9.62	163	1045935	28.54	ng	#	91
54) Dibenzofuran	10.10	168	275	Below Cal		#	45
56) 2,4-Dinitrotoluene	9.89	165	67027	6.59	ng	#	21
57) Fluorene	10.68	166	23482	Below Cal		#	94
64) 4,6-Dinitro-2-methylphenol	10.69	198	1692	6.64	ng	#	65
66) 4-Bromophenyl-phenylether	10.69	248	42228	4.27	ng	#	1
73) Di-n-butylphthalate	11.95	149	4418	Below Cal		#	92

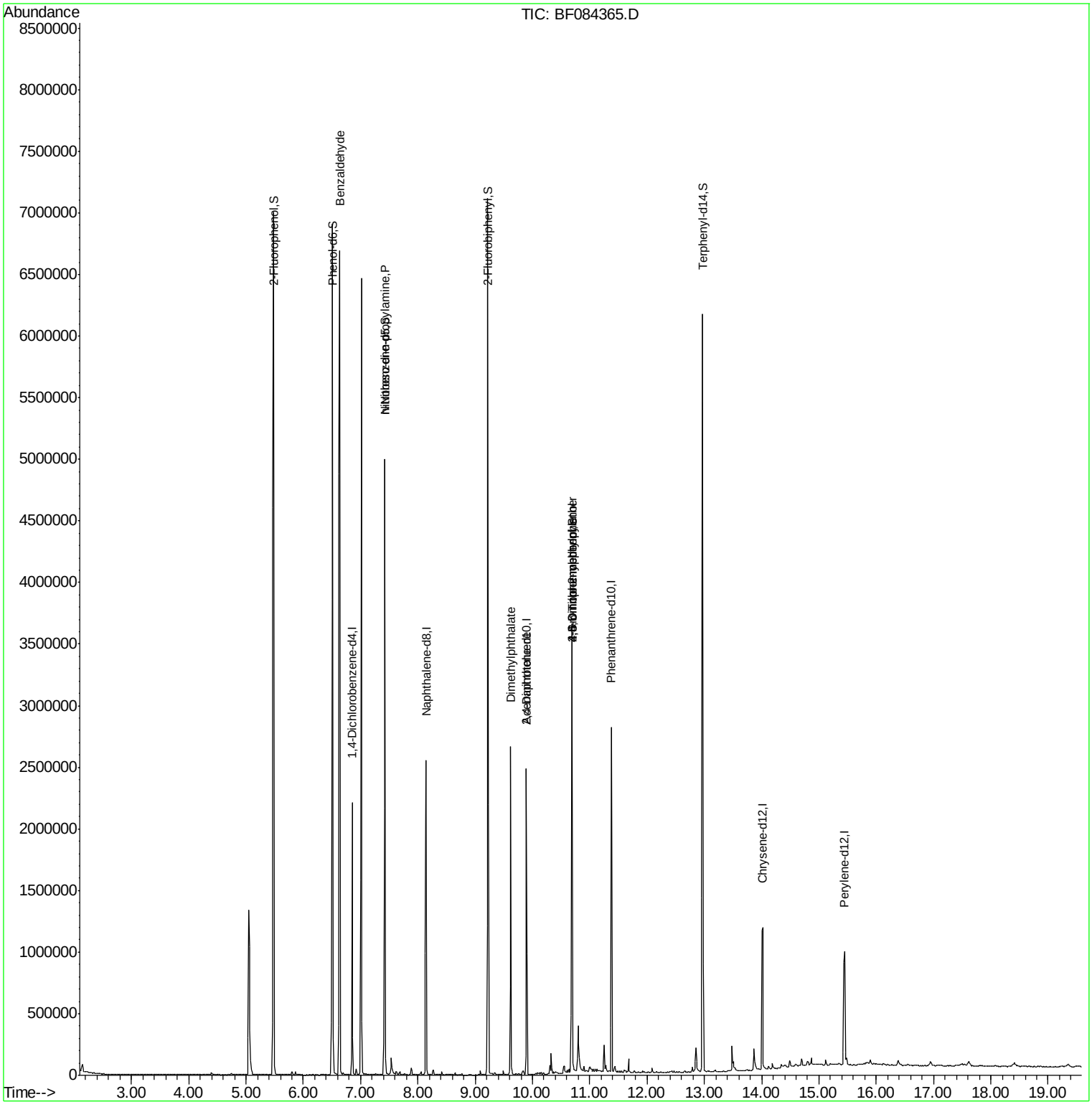
(#) = qualifier out of range (m) = manual integration (+) = signals summed

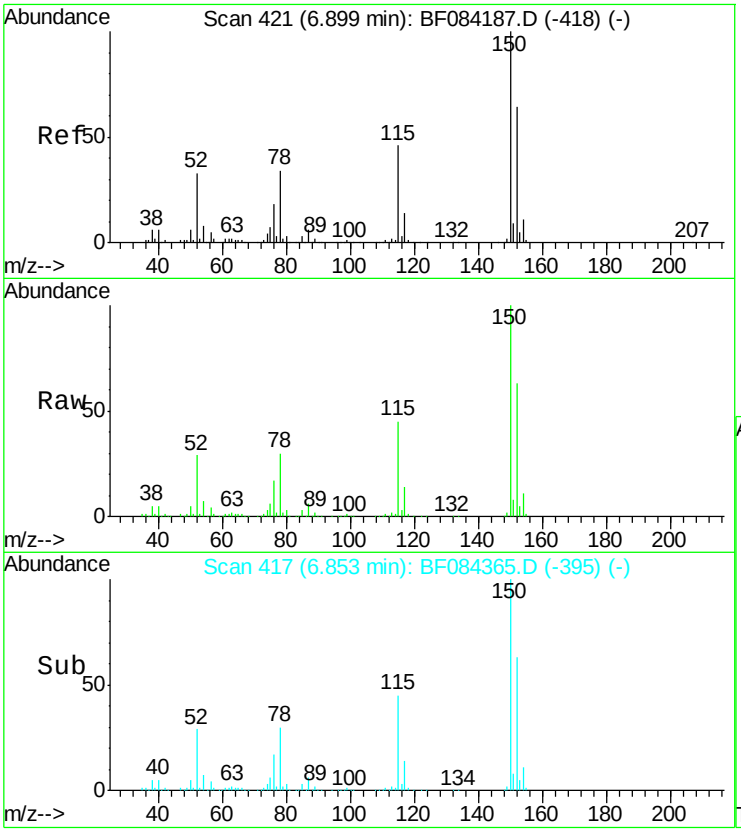
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084365.D
Acq On : 10 Jan 2016 15:24
Operator : SJ/UM
Sample : H1043-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:03 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



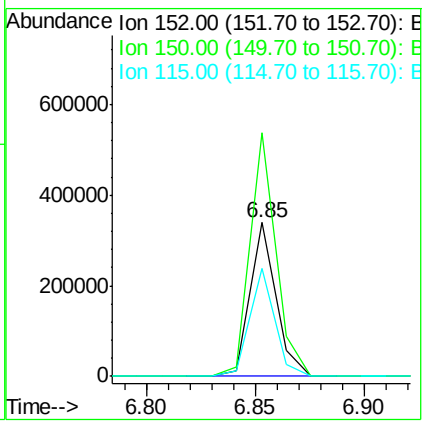


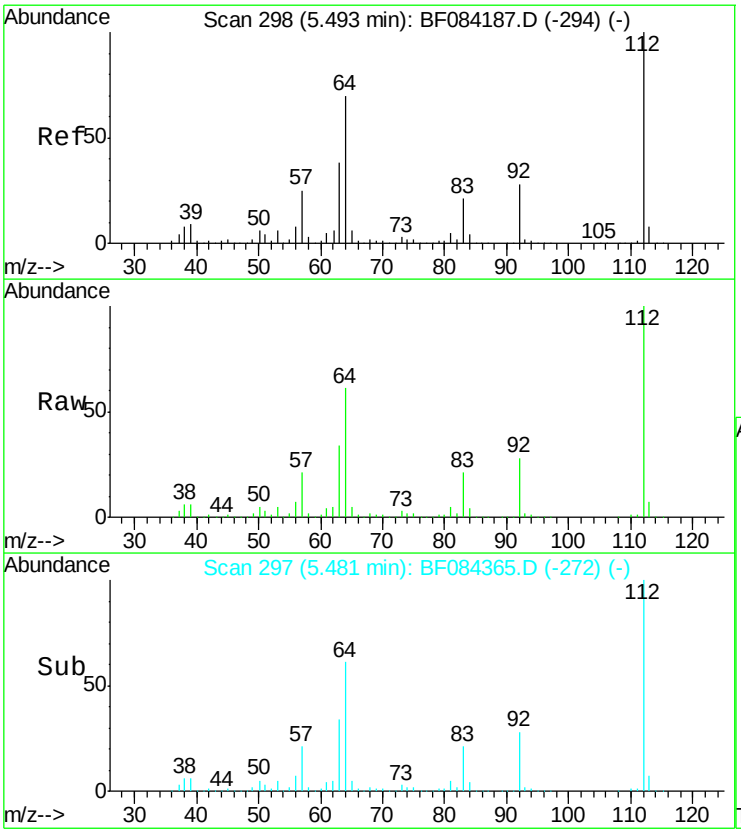
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 279853

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.4
115	70.7	51.4	77.2

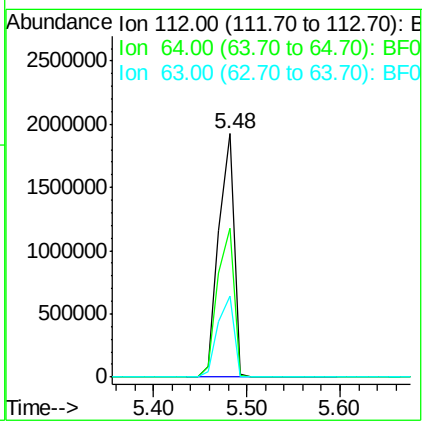


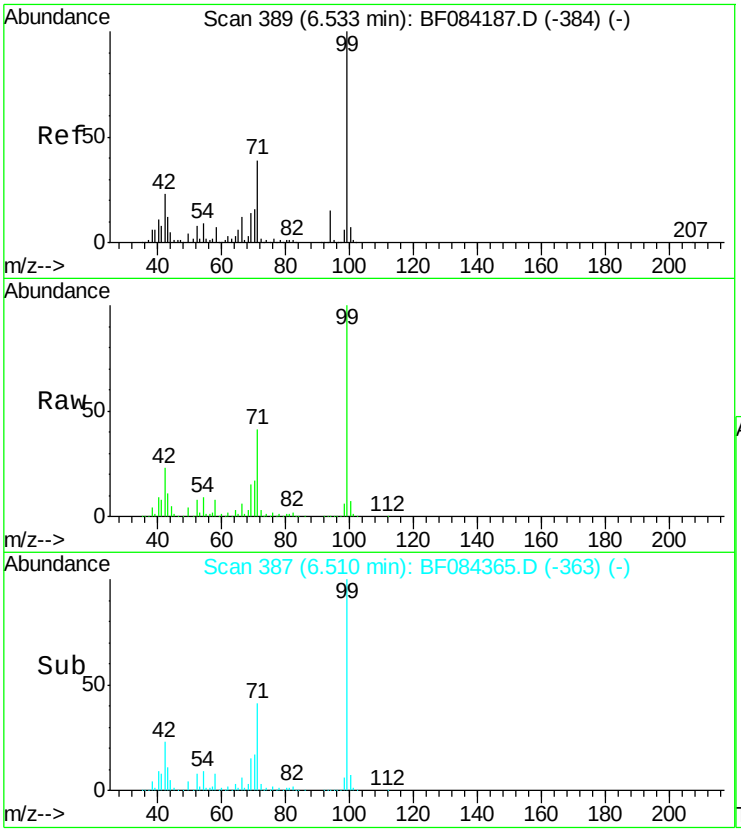


#5
2-Fluorophenol
Concen: 127.30 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:112 Resp: 2202524

Ion	Ratio	Lower	Upper
112	100		
64	61.0	36.6	55.0#
63	33.5	19.4	29.0#



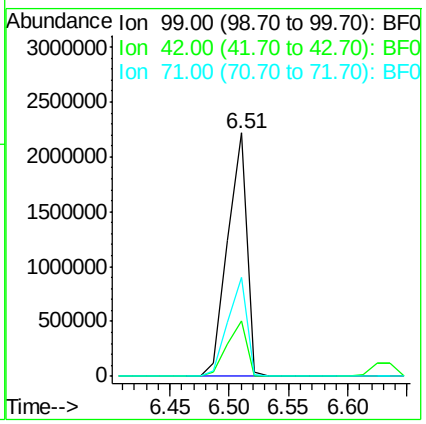


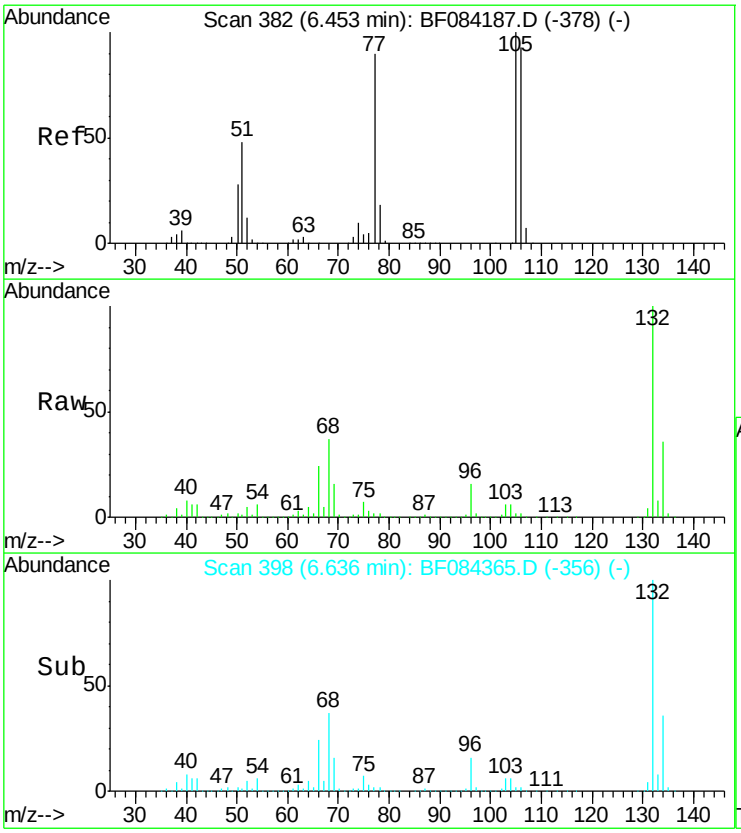
#7
Phenol-d6
Concen: 115.08 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2500646

Ion	Ratio	Lower	Upper
99	100		
42	22.9	12.8	19.2#
71	40.8	30.9	46.3

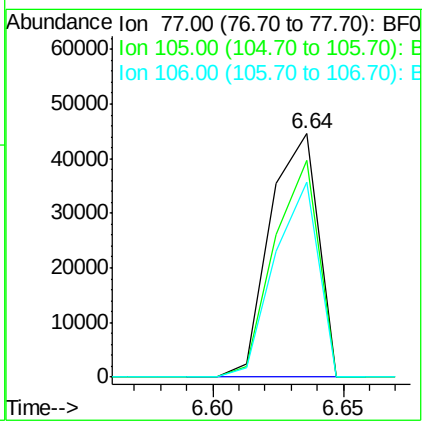


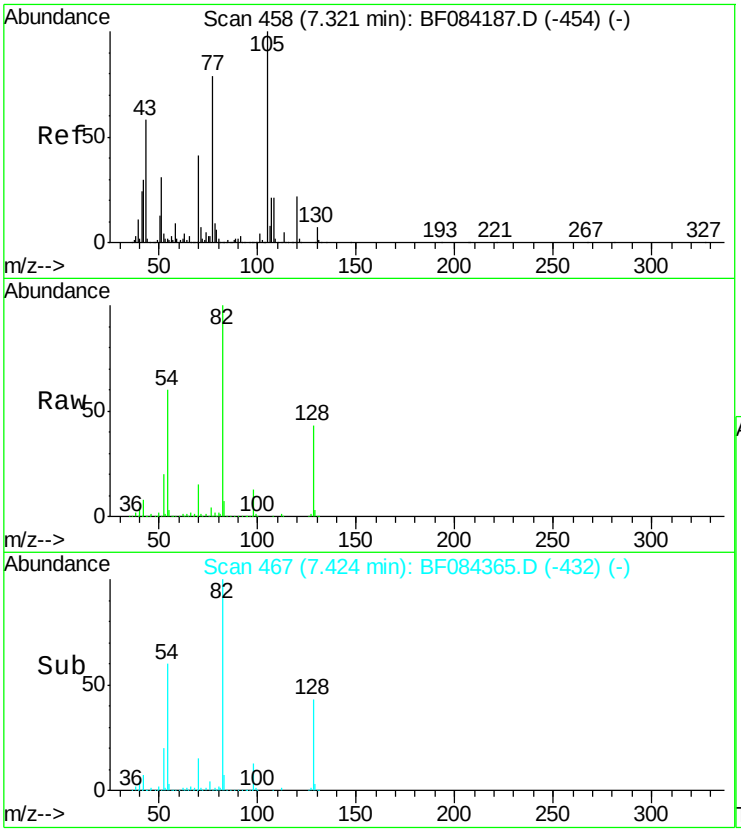


#9
Benzaldehyde
Concen: 4.00 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.18 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion: 77 Resp: 56626

Ion	Ratio	Lower	Upper
77	100		
105	89.1	83.0	123.0
106	80.1	74.6	114.6



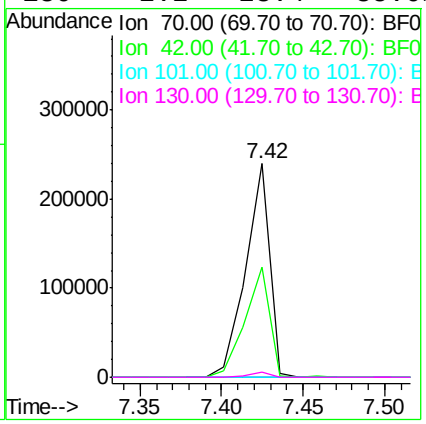


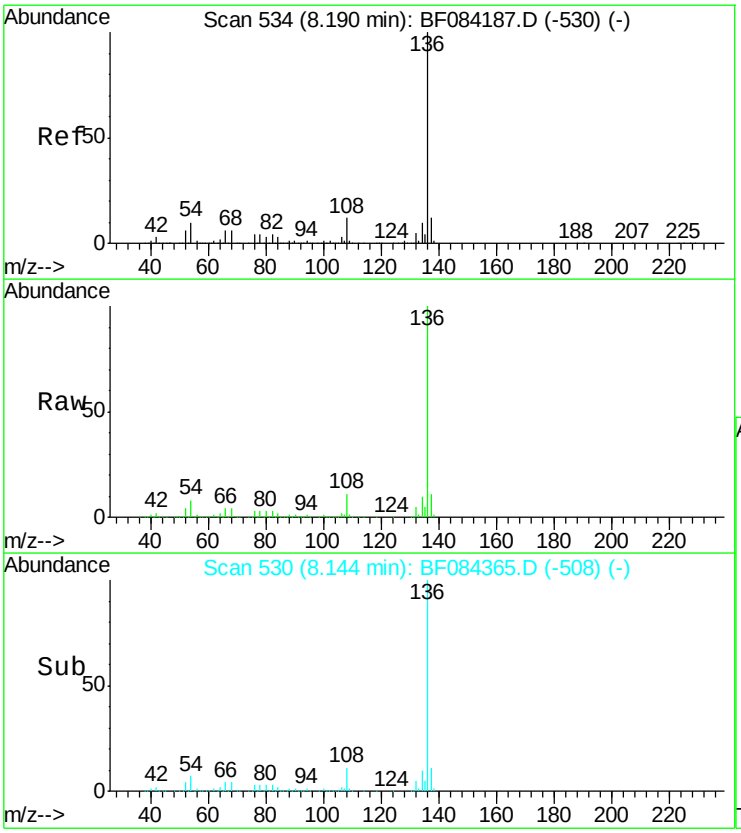
#19
n-Nitroso-di-n-propylamine
Concen: 16.69 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 245536

Ion	Ratio	Lower	Upper
70	100		
42	51.4	33.3	49.9#
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

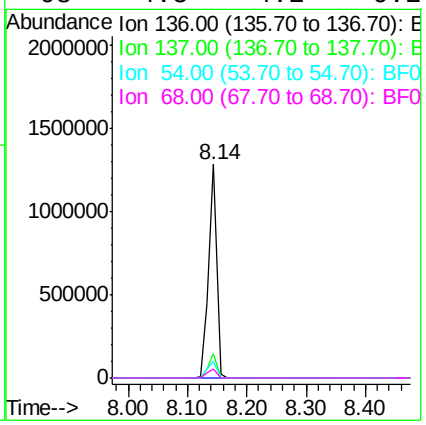


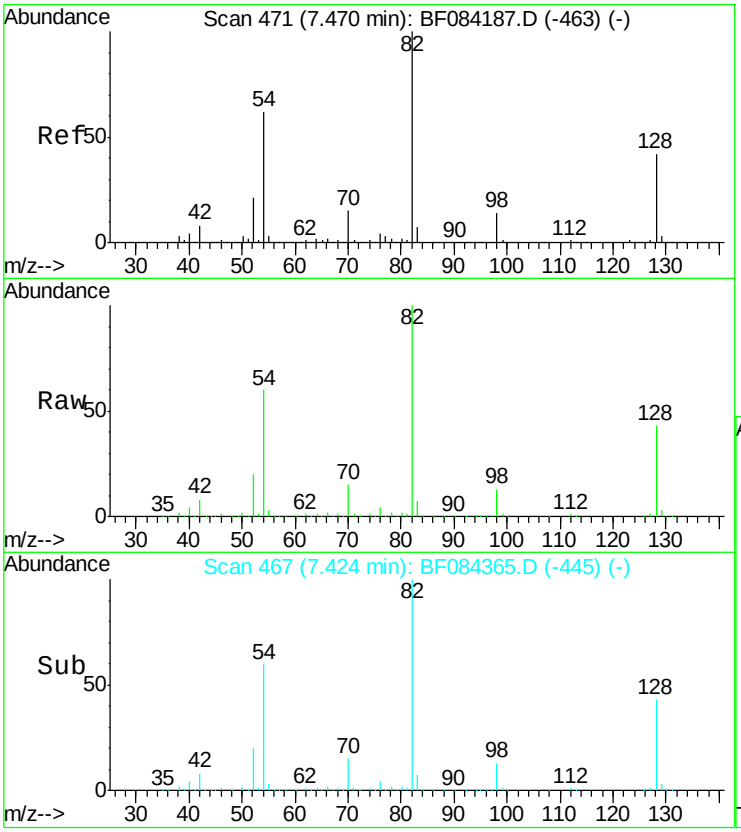


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:136 Resp: 1219594

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	5.8	8.8
68	4.5	4.2	6.2



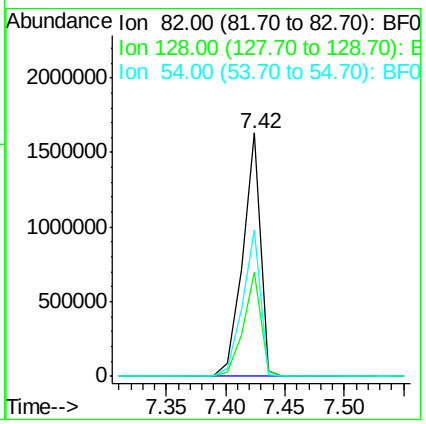


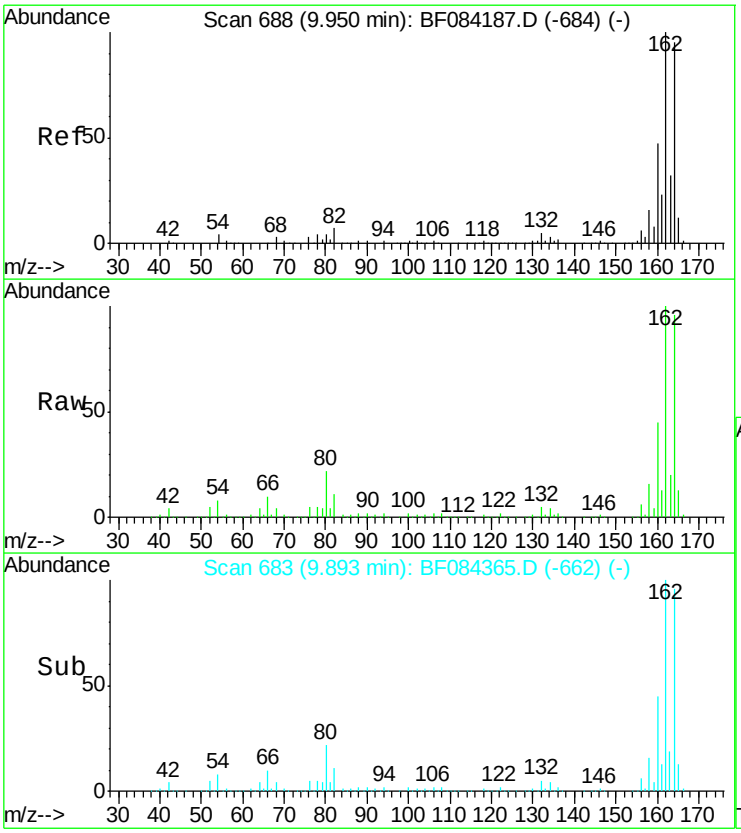
#23
Nitrobenzene-d5
Concen: 77.43 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1696659

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	60.0	38.4	57.6#

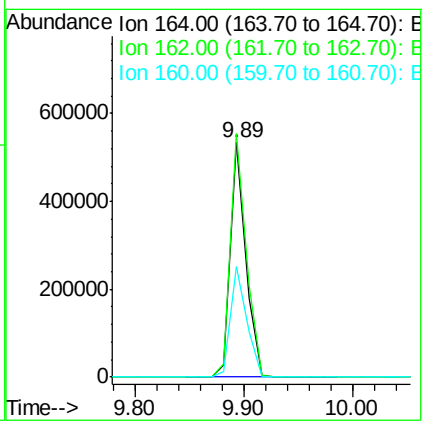


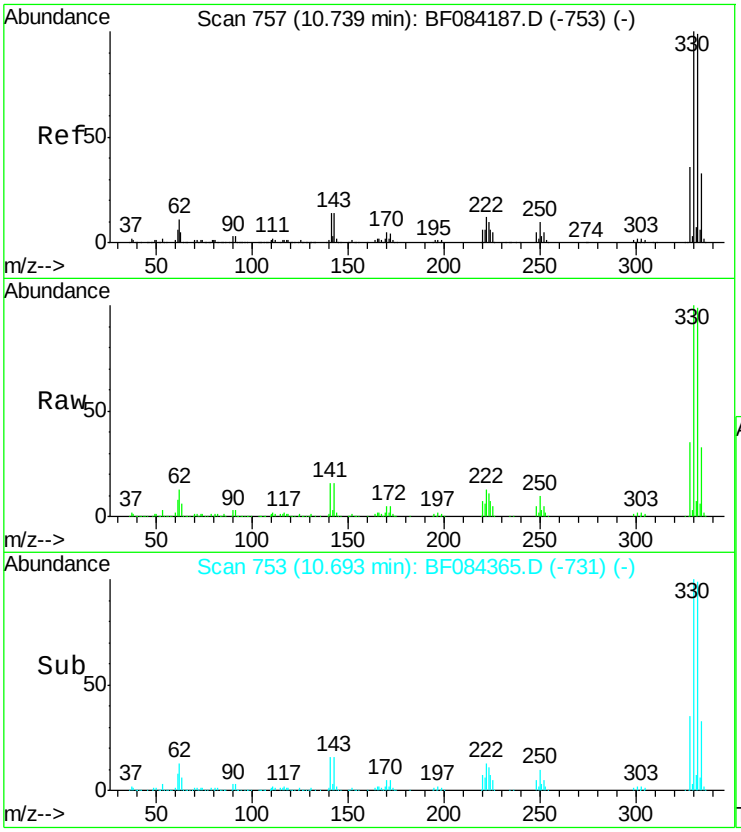


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:164 Resp: 512697

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	47.1	37.5	56.3



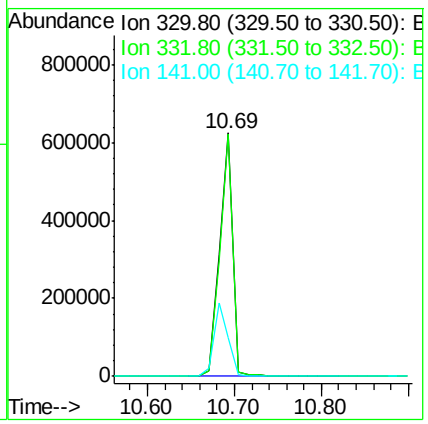


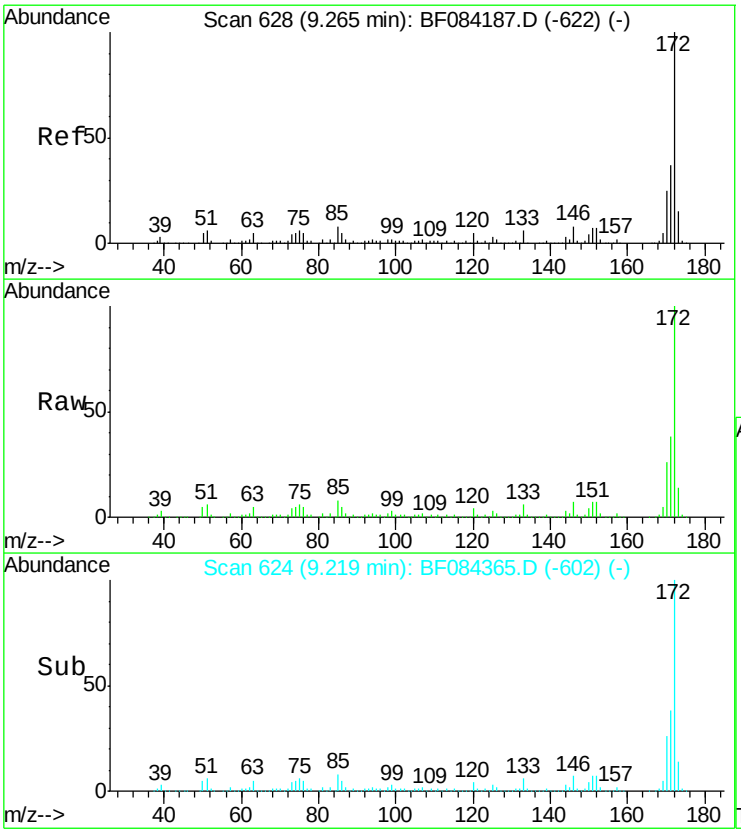
#41
2,4,6-Tribromophenol
Concen: 129.67 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 671173

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	32.3	27.8	41.6

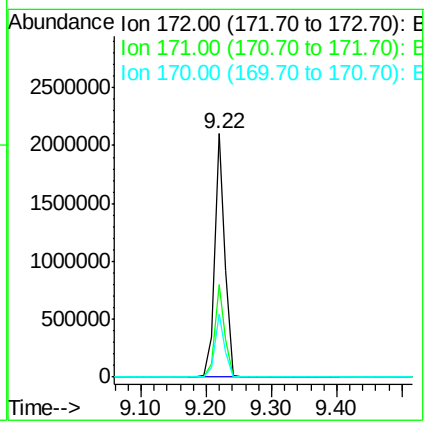


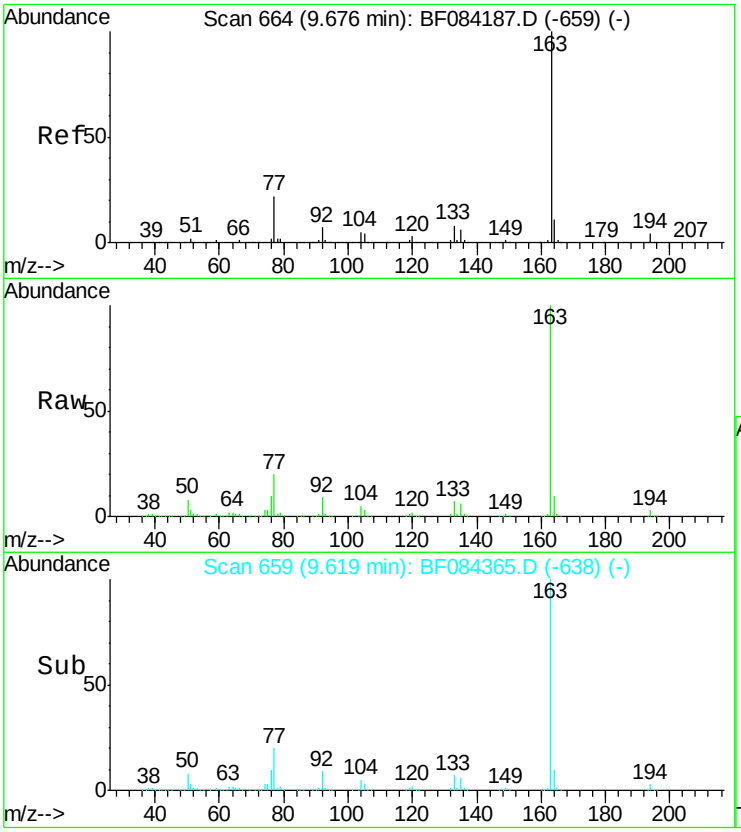


#44
2-Fluorobiphenyl
Concen: 80.24 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:172 Resp: 2348897

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	25.8	18.6	27.8



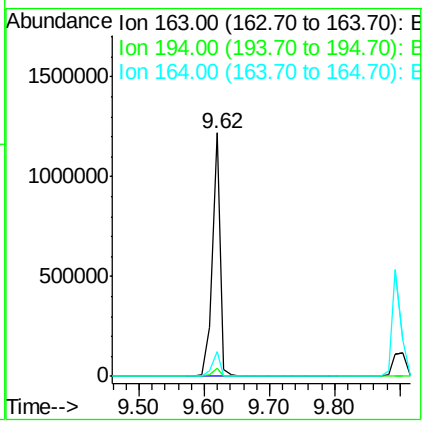


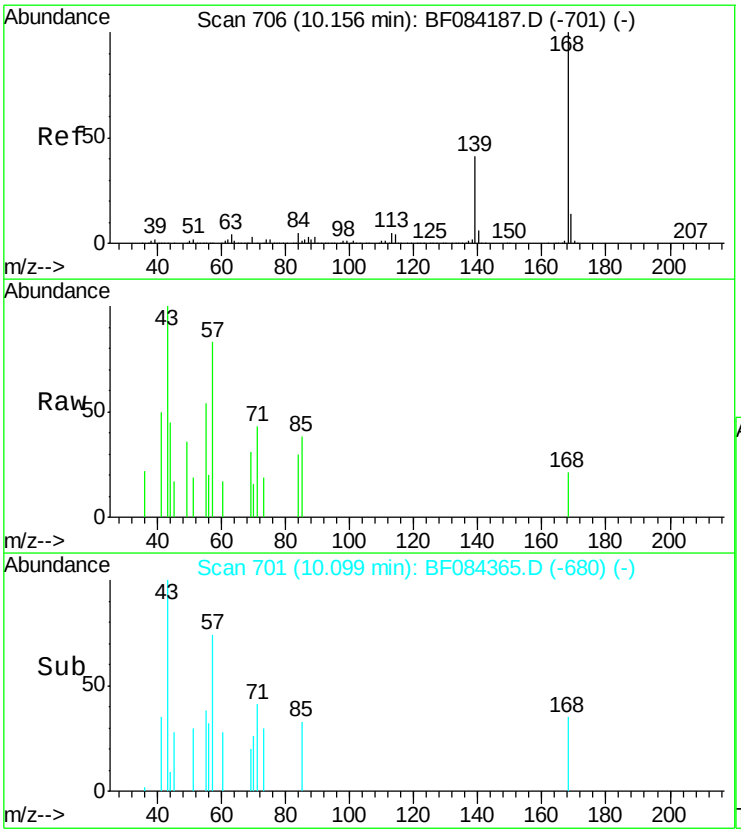
#49
Dimethylphthalate
Concen: 28.54 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 1045935

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.2	8.0	12.0

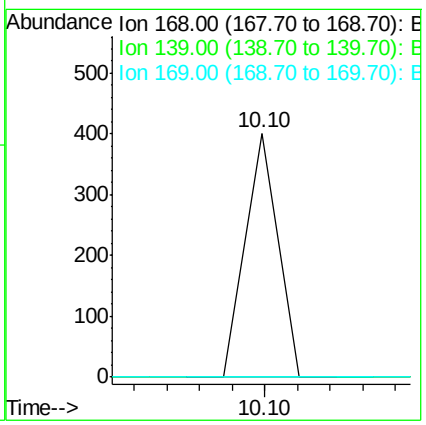


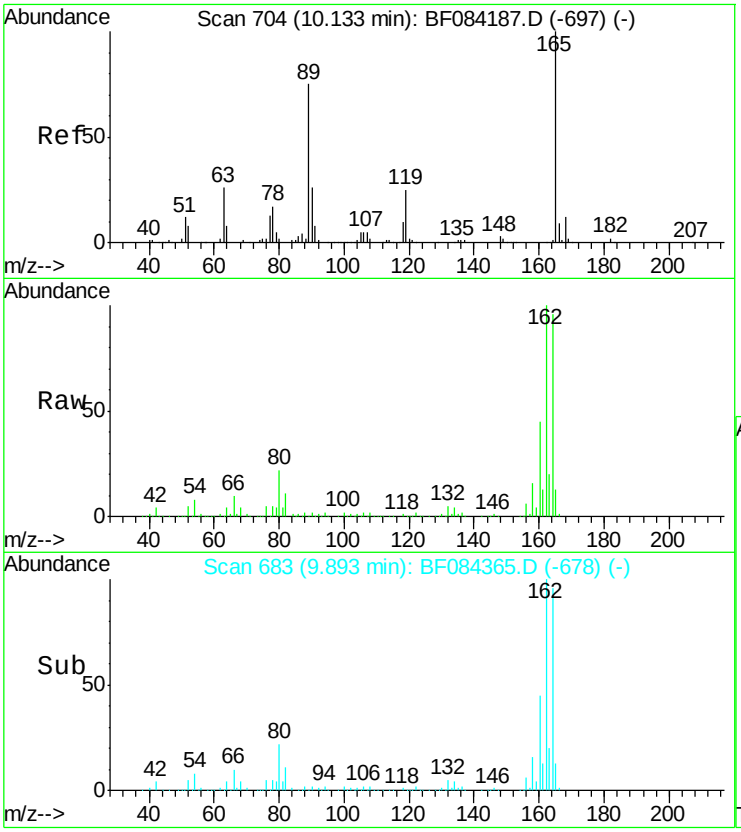


#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:168 Resp: 275

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



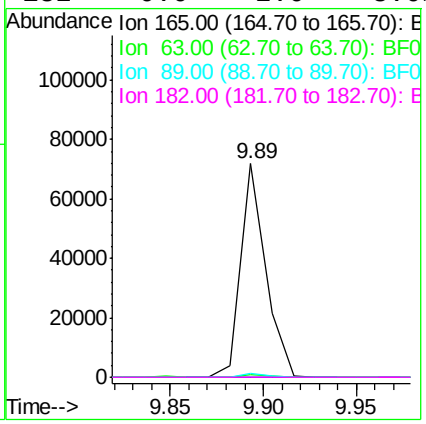


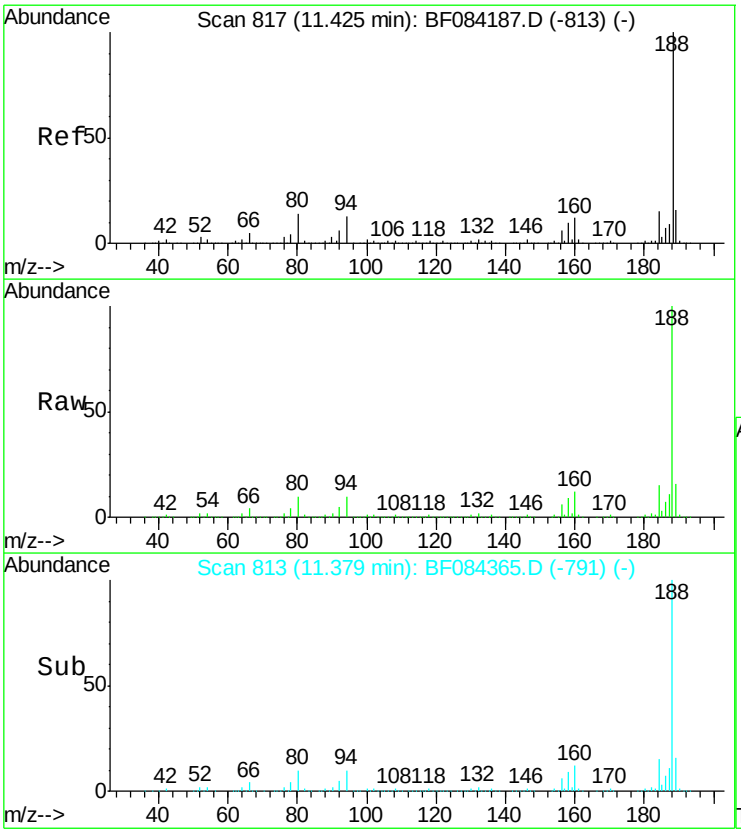
#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 67027

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

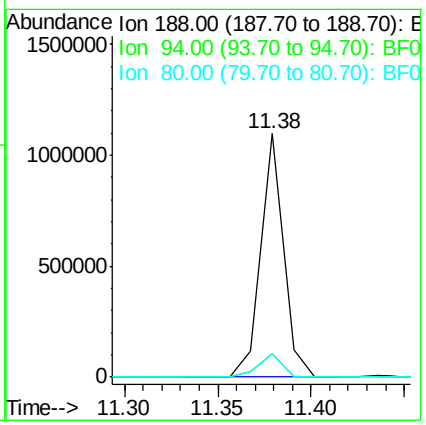


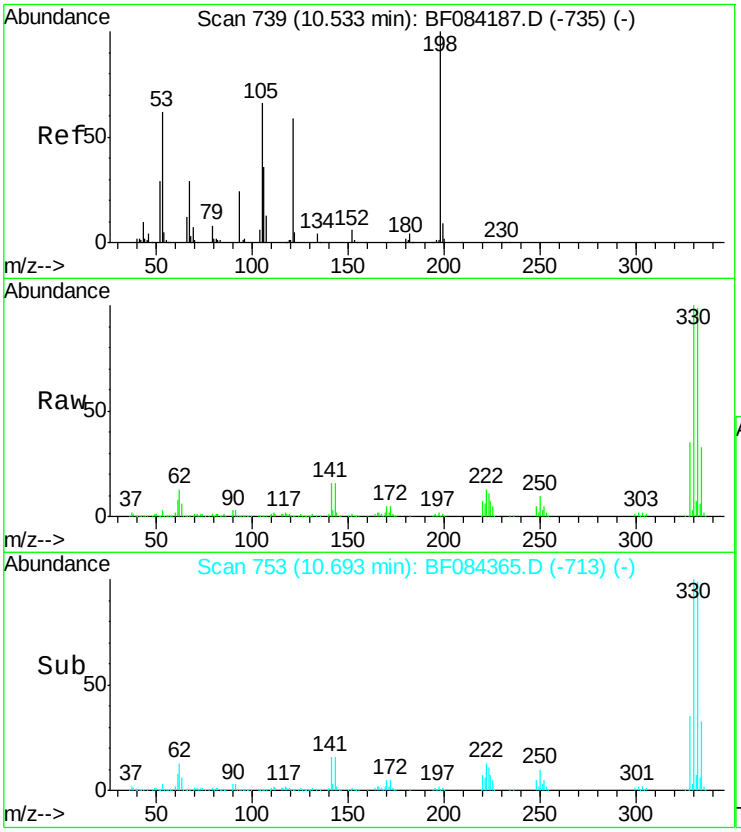


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:188 Resp: 919223

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.8	9.6	14.4



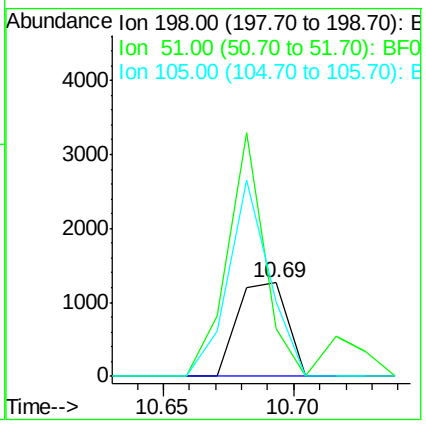


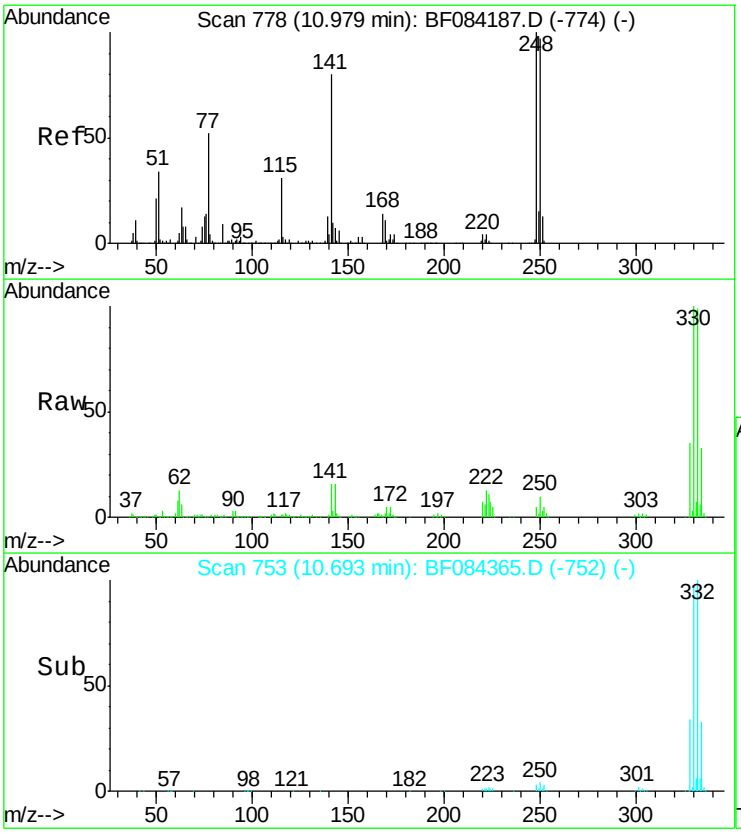
#64
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1692

Ion	Ratio	Lower	Upper
198	100		
51	50.3	18.9	58.9
105	79.1	26.4	66.4#

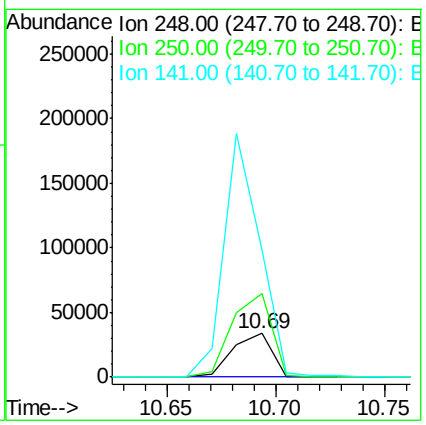


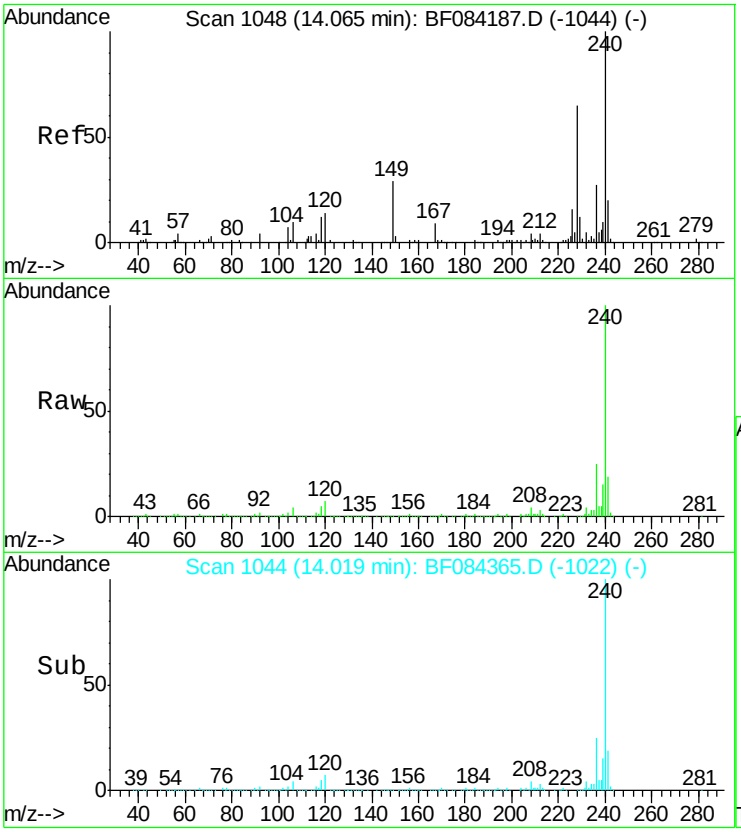


#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:248 Resp: 42228

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.4	117.6#
141	291.1	44.0	66.0#



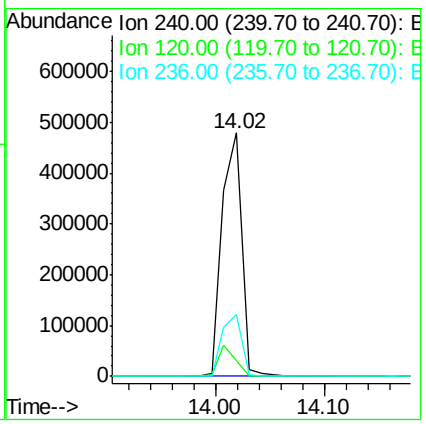


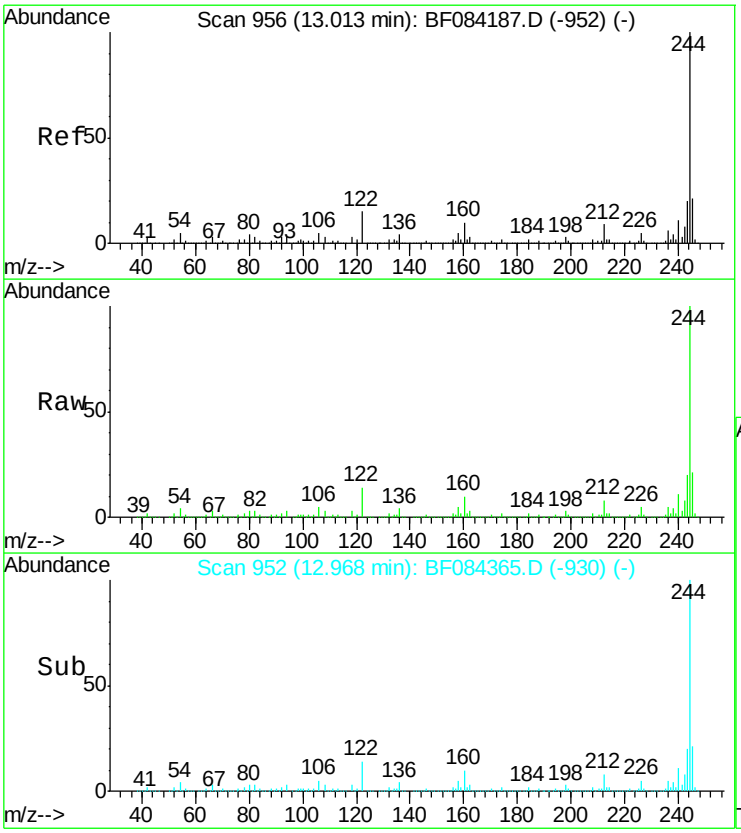
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 603287

Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.5	14.3#
236	25.2	20.6	31.0

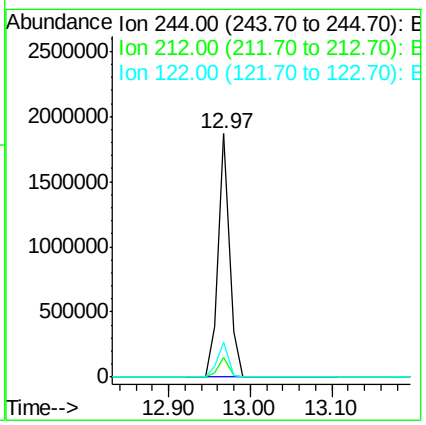


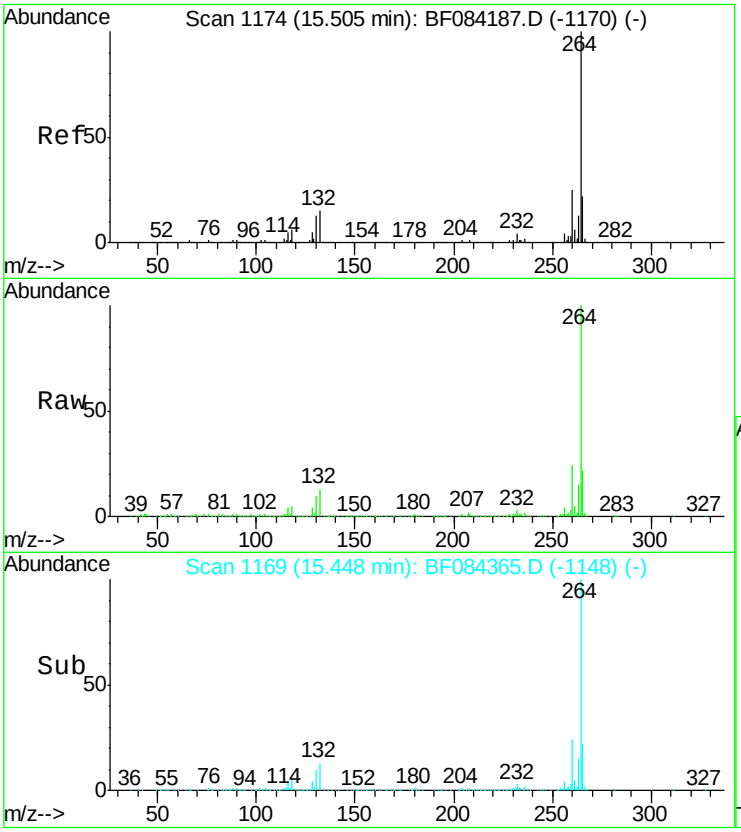


#78
Terphenyl-d14
Concen: 66.58 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084365.D
Acq: 10 Jan 2016 15:24

Tgt Ion:244 Resp: 1799389

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.4	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: BF084365.D
Acq: 10 Jan 2016 15:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 505710

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	17.8	26.6