Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084367.D
Acq On : 10 Jan 2016 16:20
Operator : SJ/UM
Sample : H1043-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:32 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	266769	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1132485	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	479048	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	854233	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	547414	20.00	ng		-0.05
86) Perylene-d12	15.45	264	467711	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2315462	140.39	ng		-0.01
7) Phenol-d6	6.51	99	2609302	125.97	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1769555	86.96	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	714209	147.67	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2397521	88.29	ng		-0.05
78) Terphenyl-d14	12.97	244	2003391	81.69	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	62368	4.62	ng		84
10) Phenol	6.52	94	61366	2.61	ng		81
19) n-Nitroso-di-n-propylamine	7.42	70	261988	18.68	ng	#	72
49) Dimethylphthalate	9.62	163	798778	23.32	ng	#	91
54) Dibenzofuran	10.10	168	1116	Below Cal		#	88
56) 2,4-Dinitrotoluene	9.89	165	64075	6.74	ng	#	21
57) Fluorene	10.68	166	23879	Below Cal		#	79
64) 4,6-Dinitro-2-methylphenol	10.68	198	1484	6.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	42230	4.59	ng	#	1
73) Di-n-butylphthalate	11.95	149	4881	Below Cal		#	88

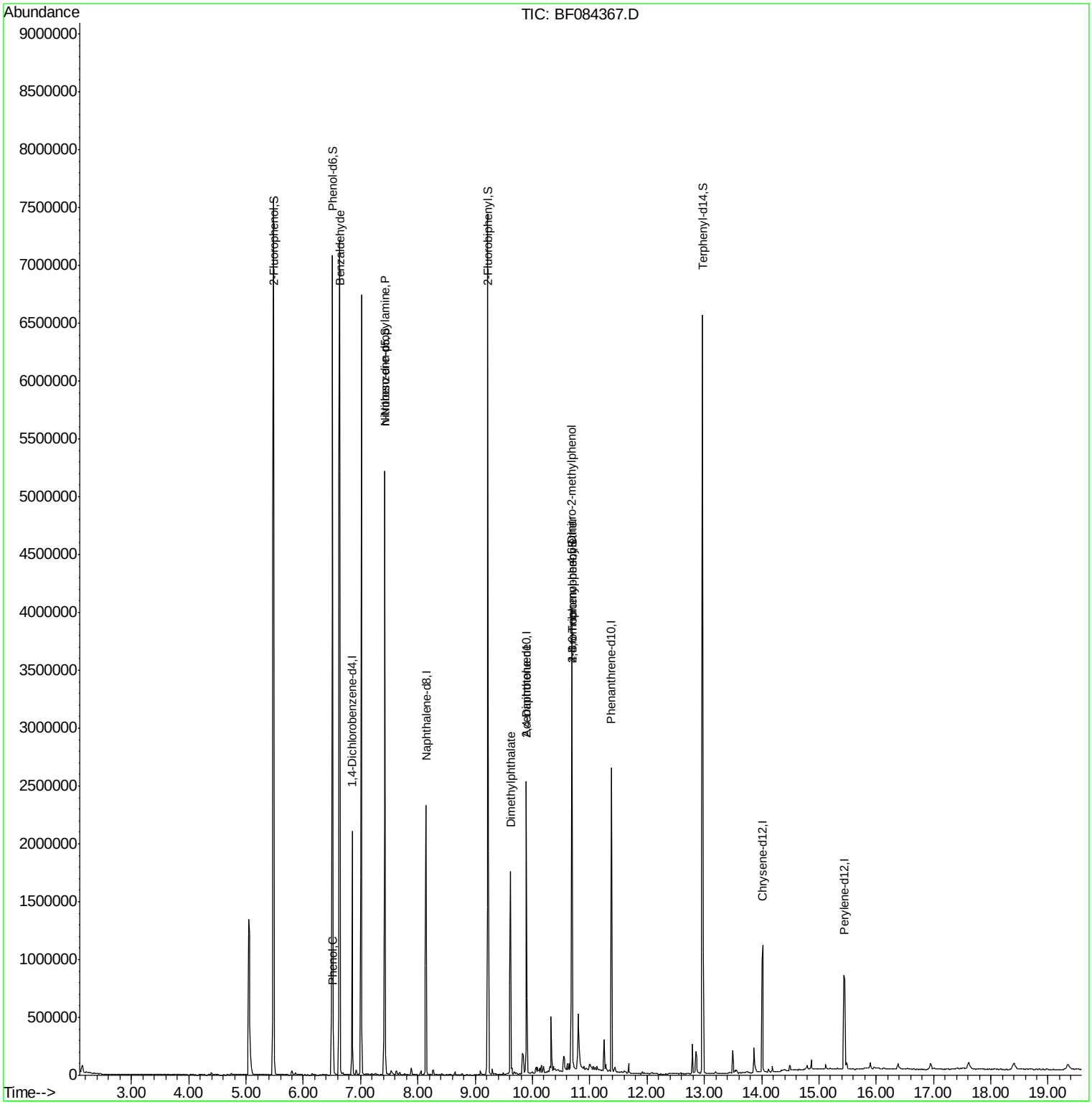
(#) = qualifier out of range (m) = manual integration (+) = signals summed

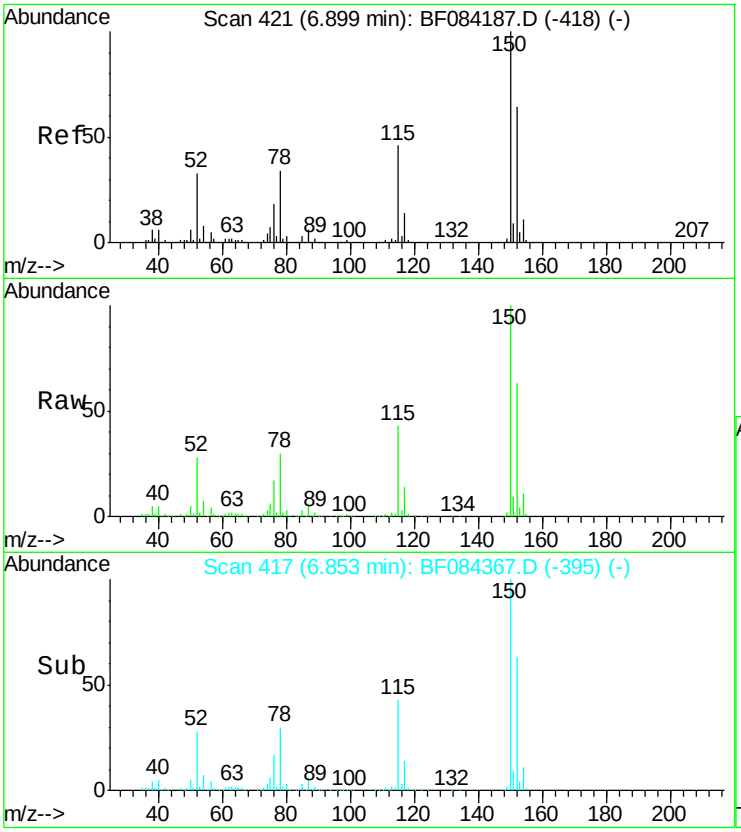
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084367.D
Acq On : 10 Jan 2016 16:20
Operator : SJ/UM
Sample : H1043-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:32 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



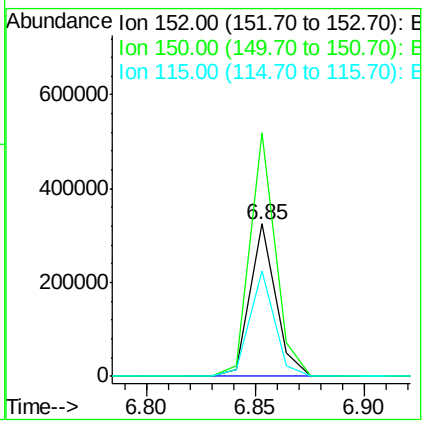


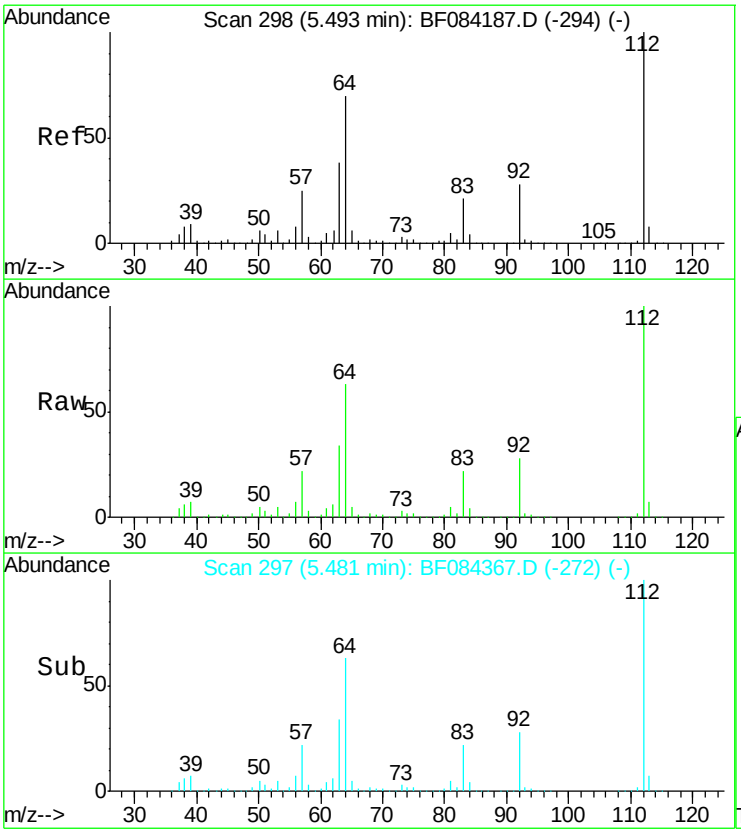
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 266769

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.0	184.4
115	69.5	51.4	77.2

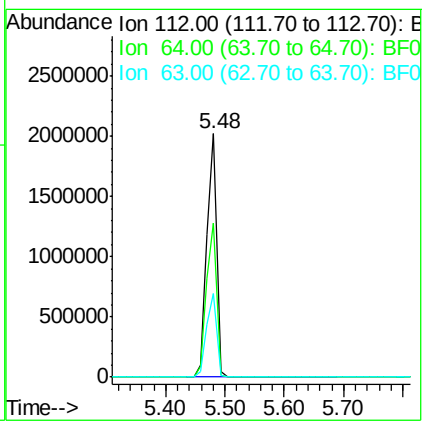


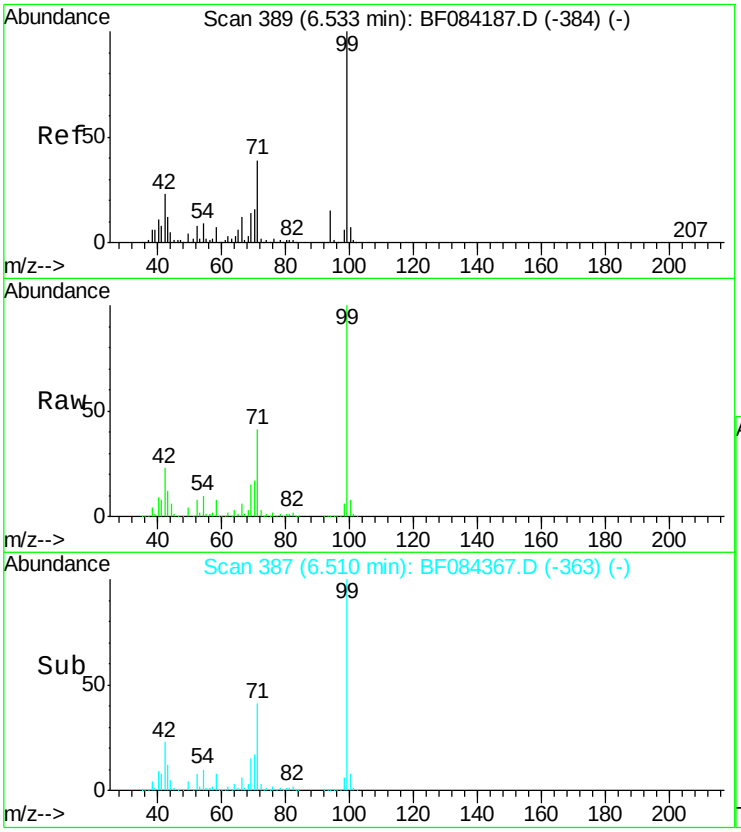


#5
2-Fluorophenol
Concen: 140.39 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:112 Resp: 2315462

Ion	Ratio	Lower	Upper
112	100		
64	63.5	36.6	55.0#
63	34.5	19.4	29.0#



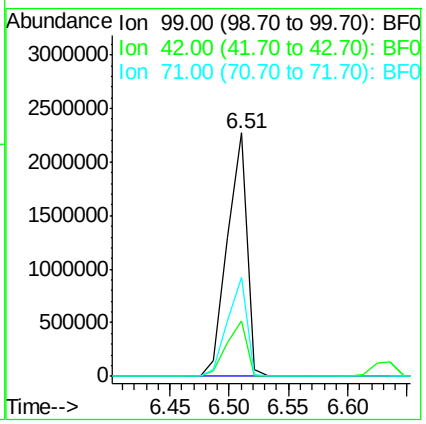


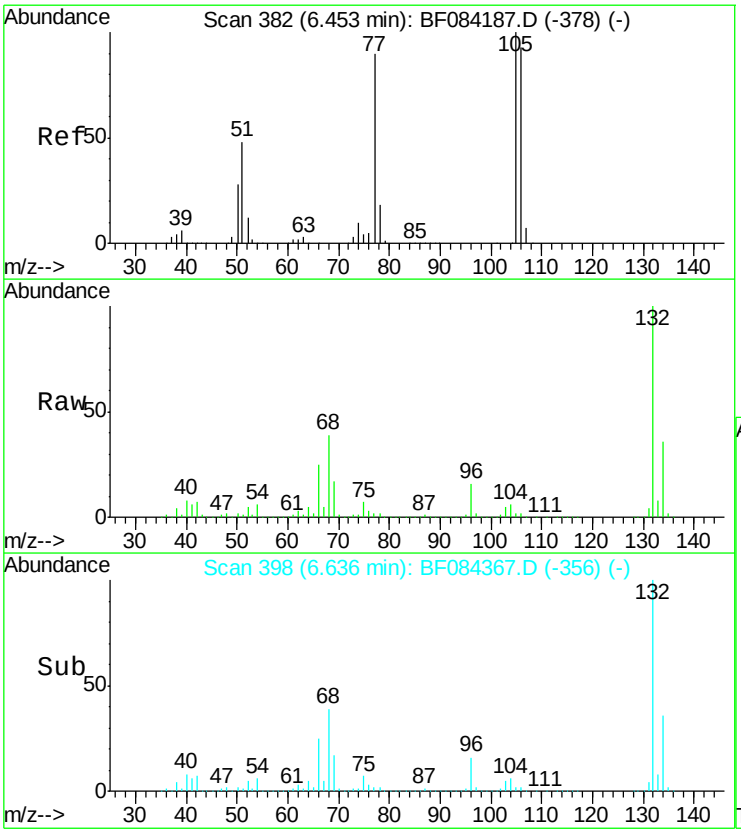
#7
Phenol-d6
Concen: 125.97 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2609302

Ion	Ratio	Lower	Upper
99	100		
42	22.7	12.8	19.2#
71	40.6	30.9	46.3

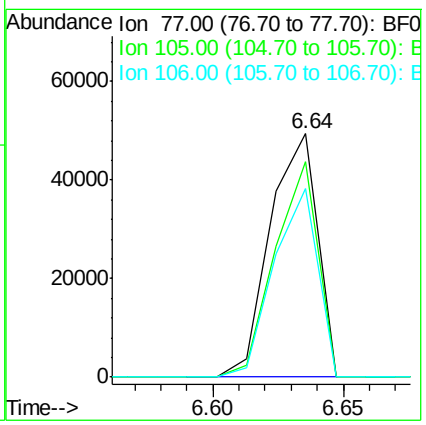


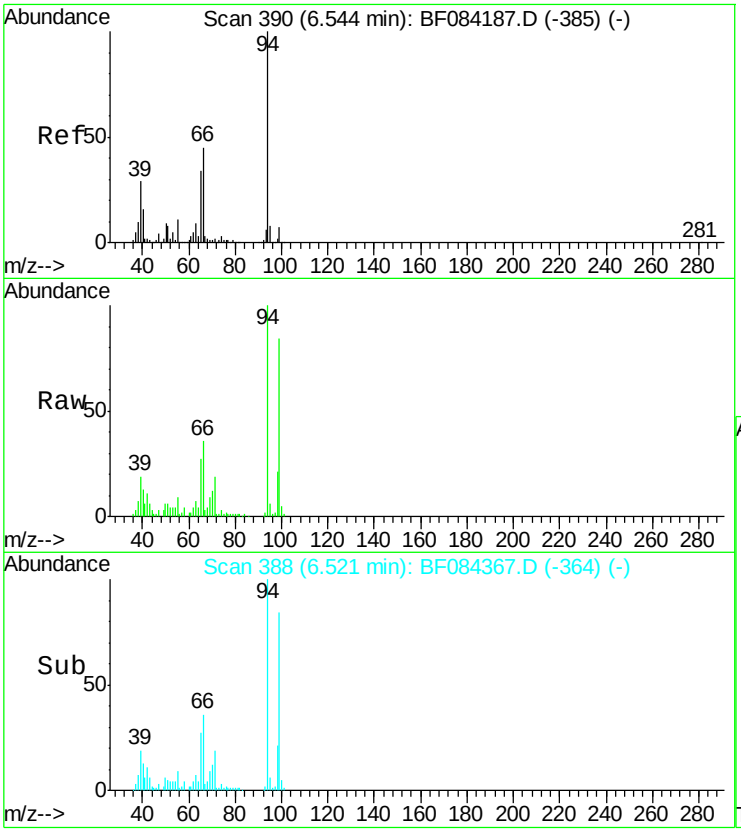


#9
Benzaldehyde
Concen: 4.62 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.18 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion: 77 Resp: 62368

Ion	Ratio	Lower	Upper
77	100		
105	88.7	83.0	123.0
106	77.4	74.6	114.6



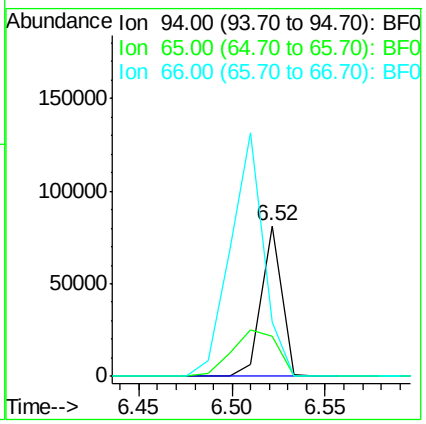


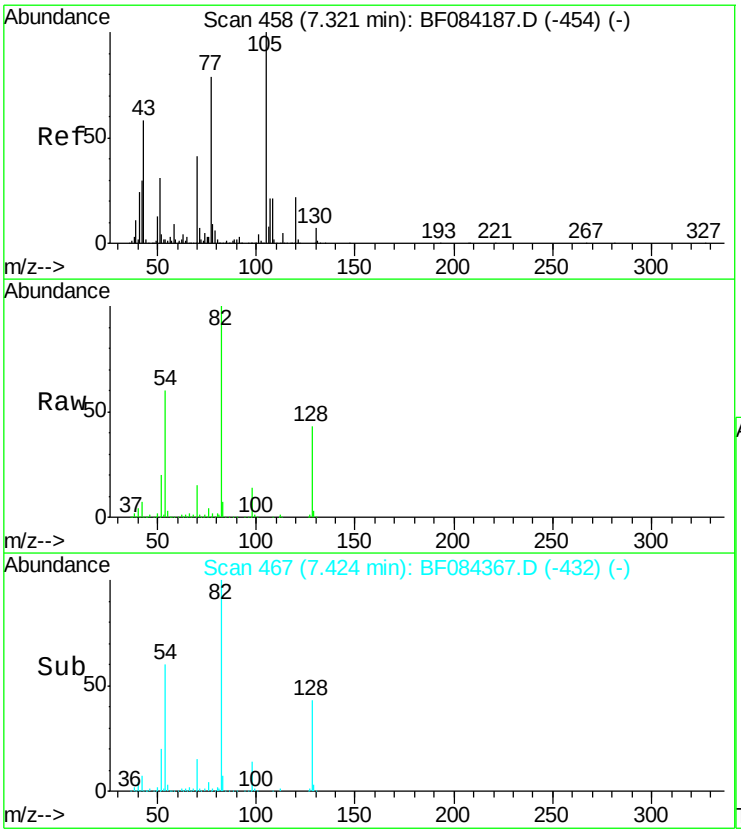
#10
Phenol
Concen: 2.61 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 61366

Ion	Ratio	Lower	Upper
94	100		
65	26.8	12.9	52.9
66	35.7	32.7	72.7

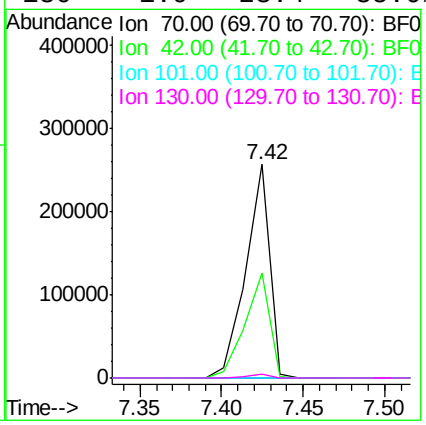


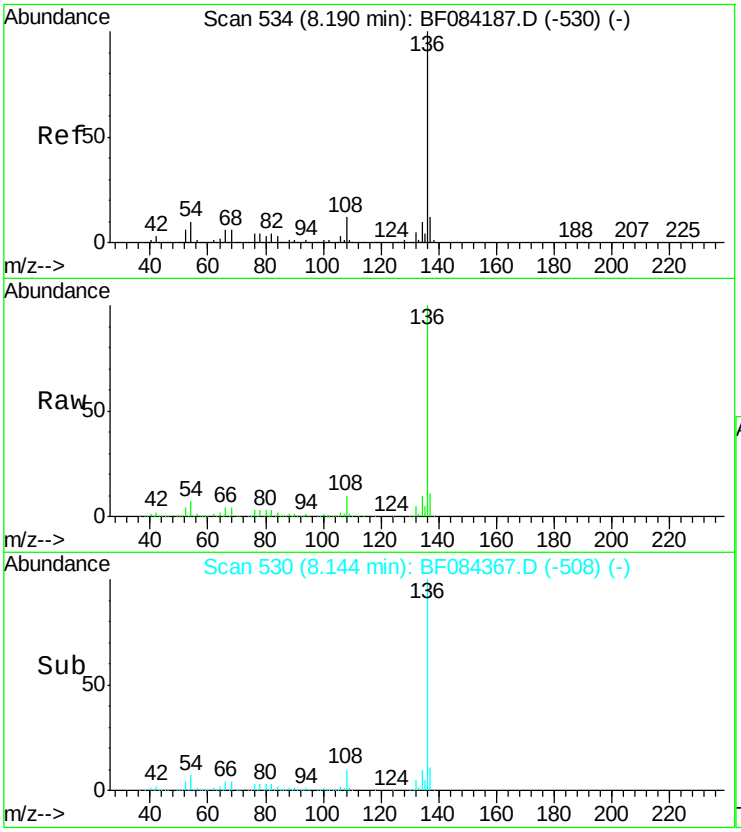


#19
n-Nitroso-di-n-propylamine
Concen: 18.68 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion: 70 Resp: 261988

Ion	Ratio	Lower	Upper
70	100		
42	49.2	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



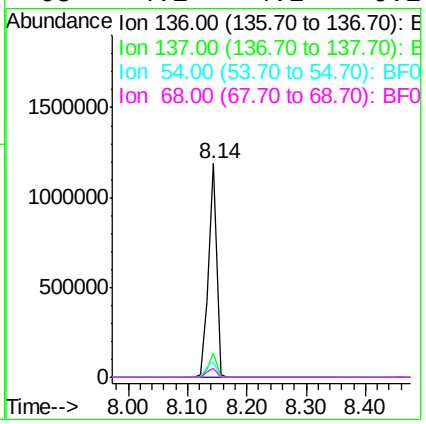


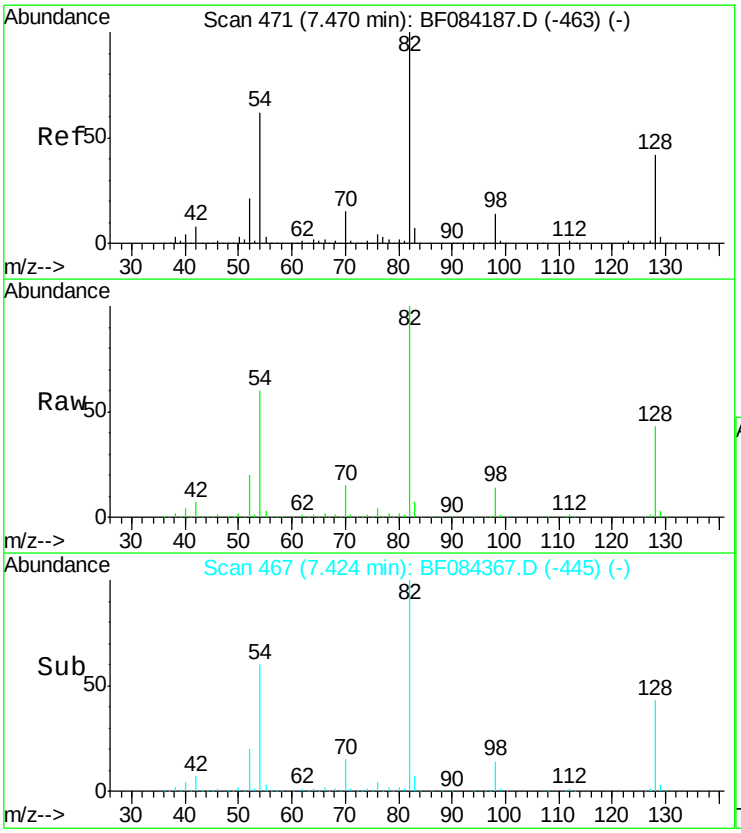
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1132485

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.2	5.8	8.8
68	4.2	4.2	6.2

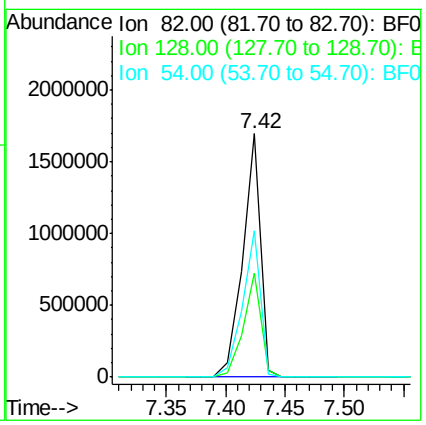


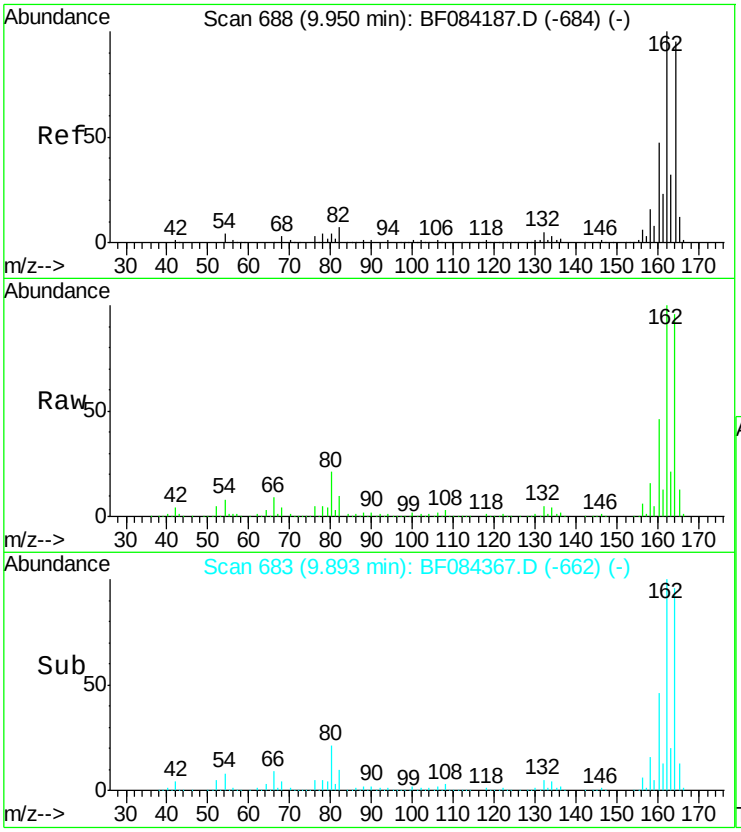


#23
Nitrobenzene-d5
Concen: 86.96 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion: 82 Resp: 1769555

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	60.2	38.4	57.6#



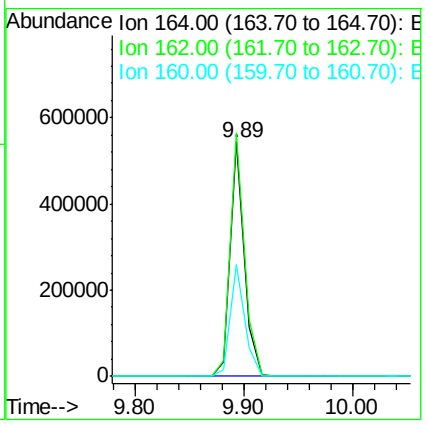


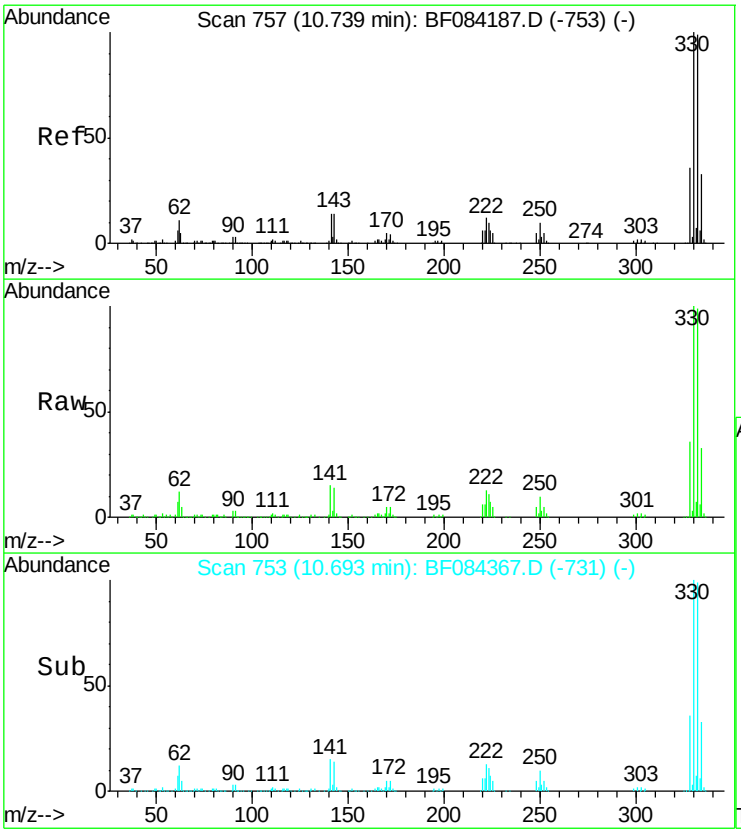
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 479048

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	47.7	37.5	56.3

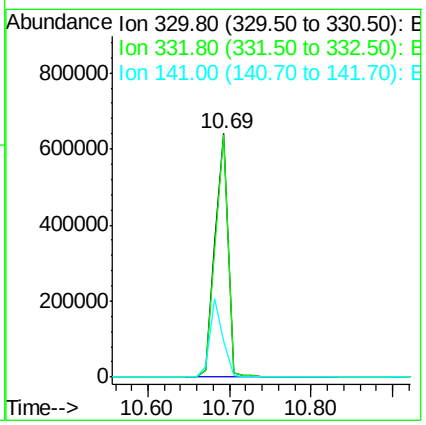


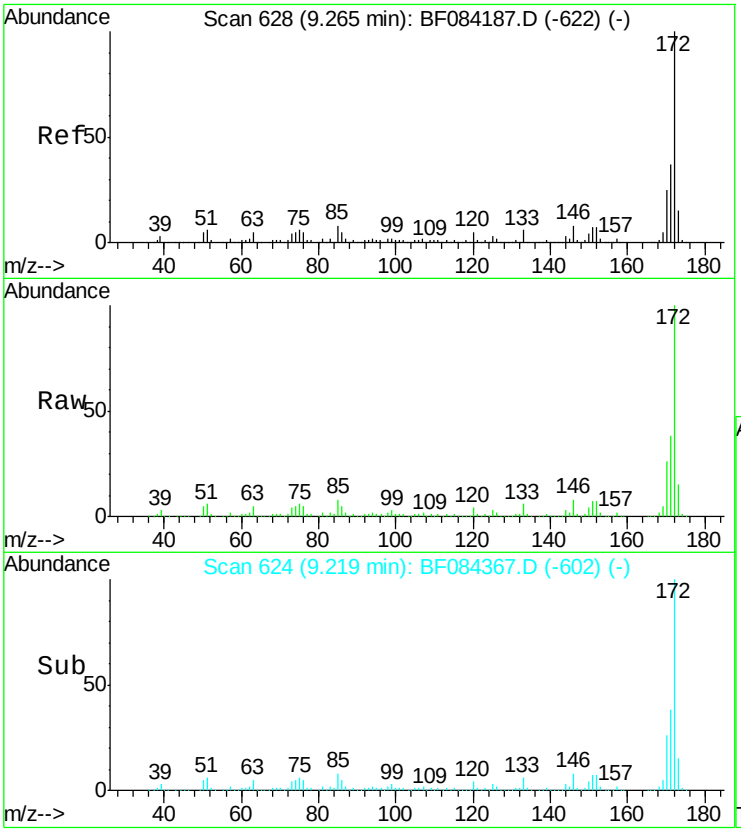


#41
2,4,6-Tribromophenol
Concen: 147.67 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:330 Resp: 714209

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	32.4	27.8	41.6



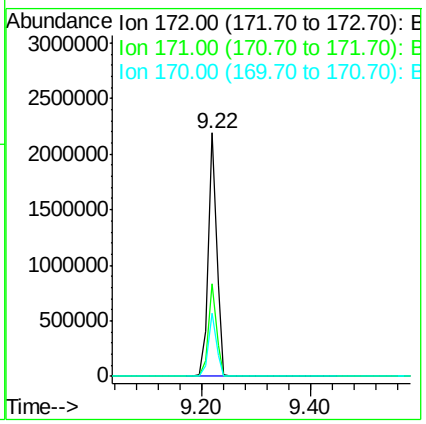


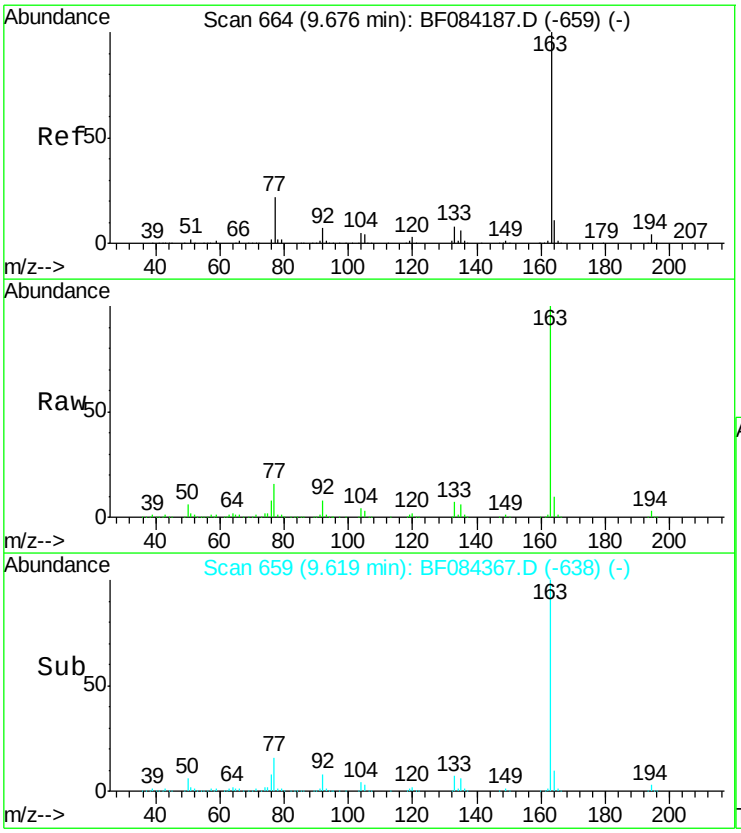
#44
2-Fluorobiphenyl
Concen: 88.29 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2397521

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.8	18.6	27.8

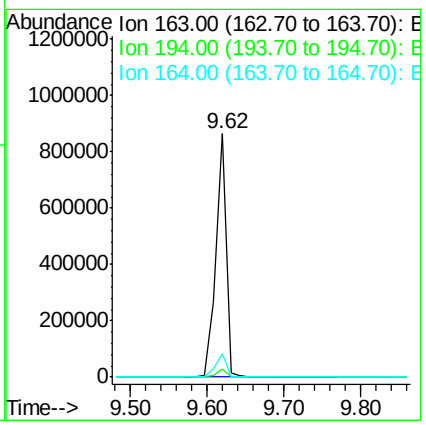


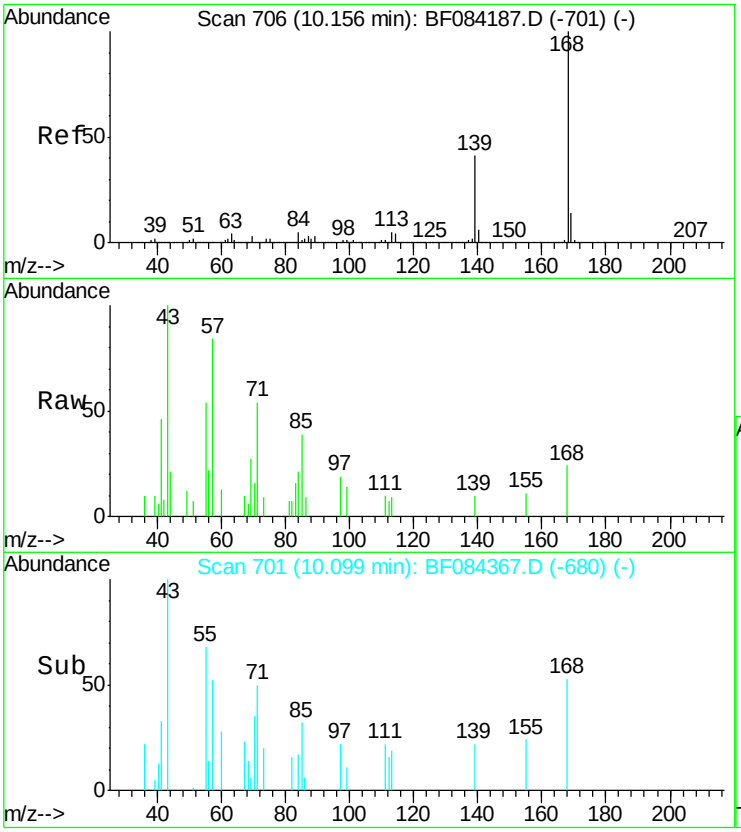


#49
Dimethylphthalate
Concen: 23.32 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:163 Resp: 798778

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.8	8.0	12.0



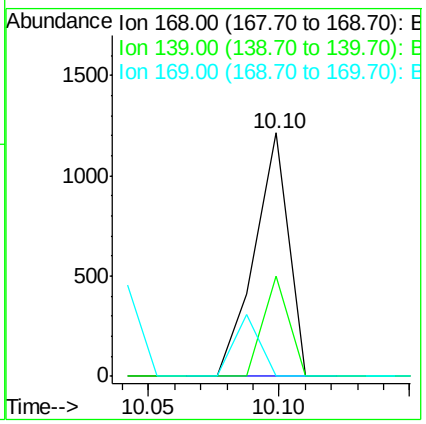


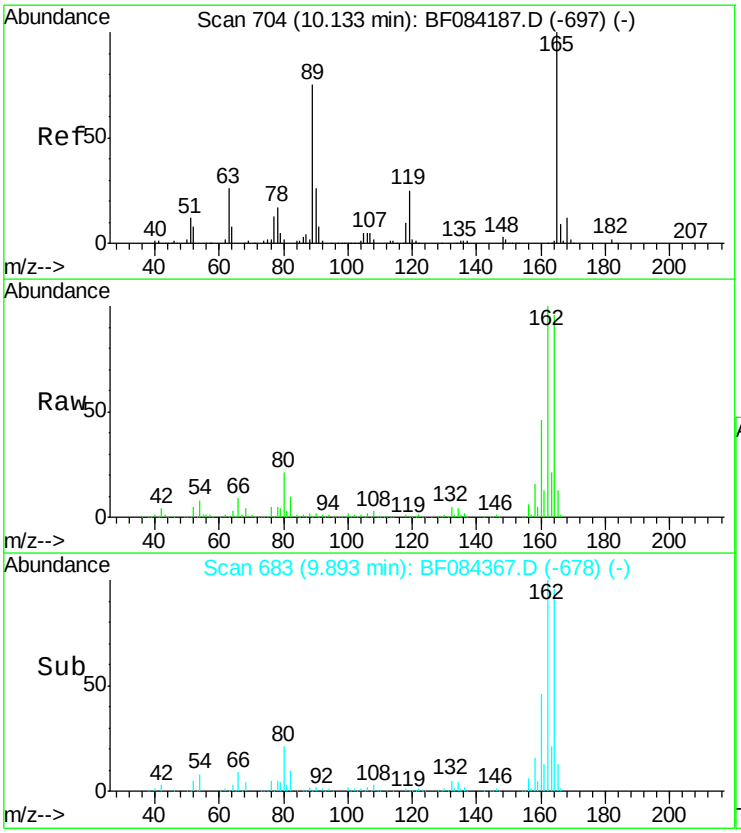
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1116

Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.5	45.7
169	0.0	10.4	15.6#

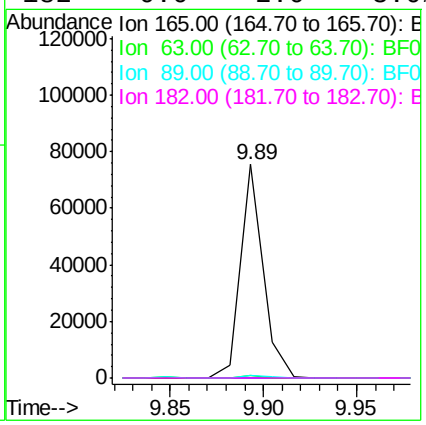


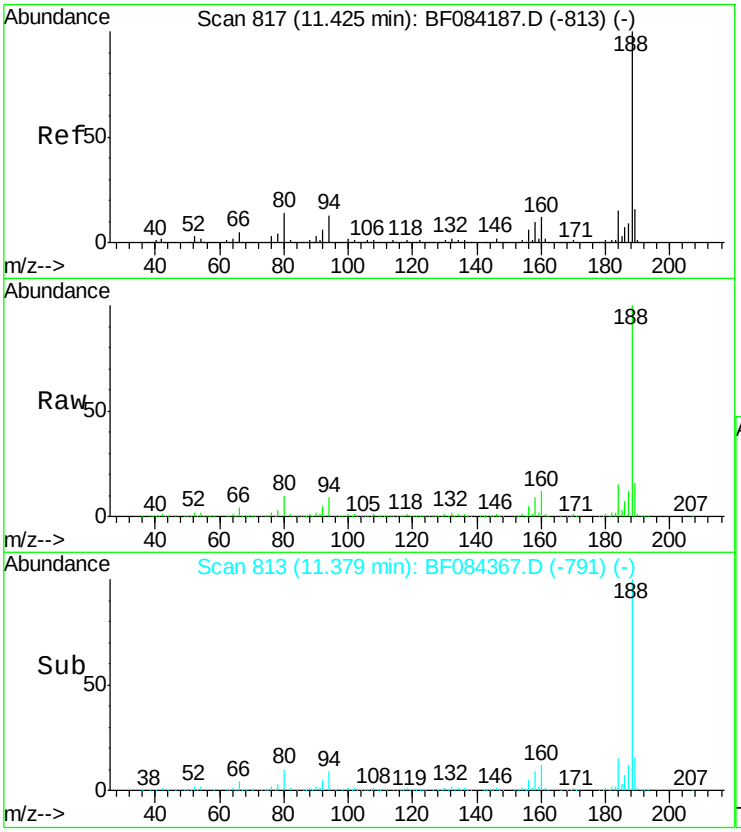


#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:165 Resp: 64075

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#



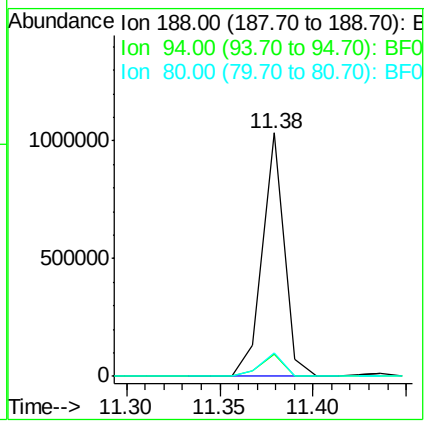


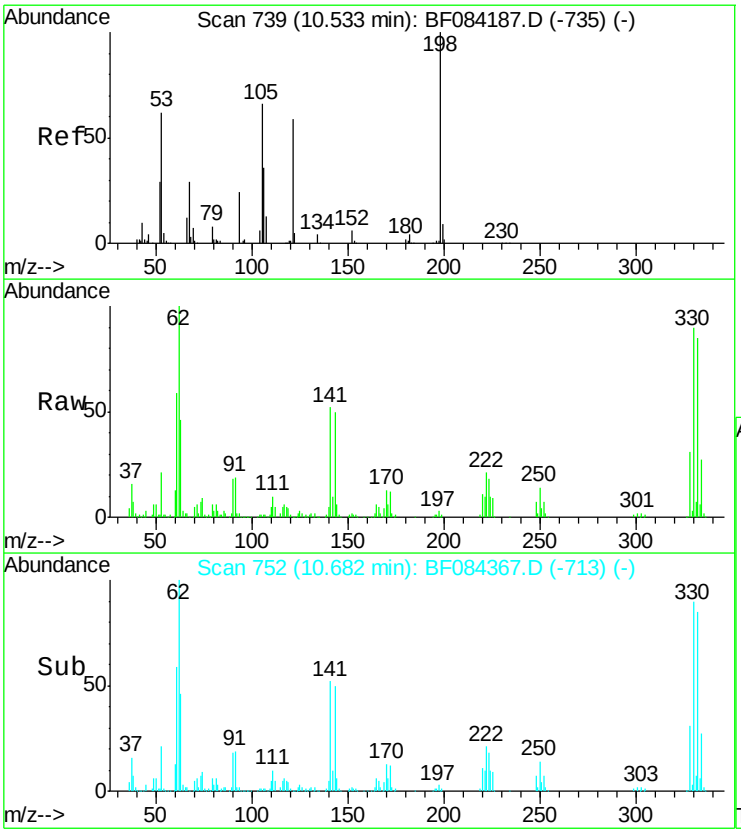
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 854233

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.7	9.6	14.4

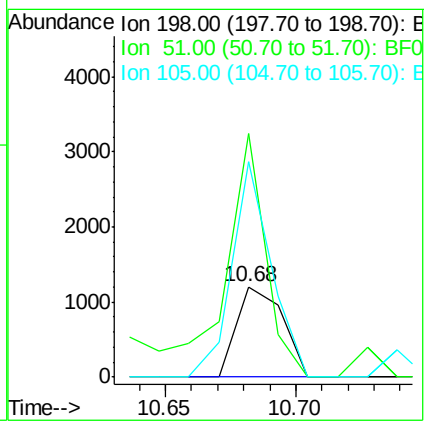


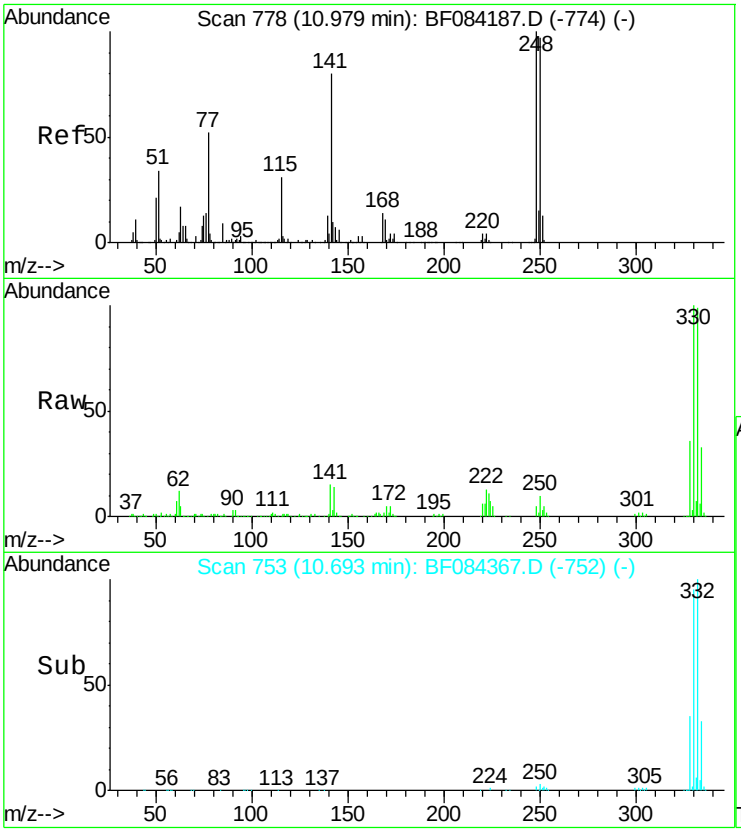


#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:198 Resp: 1484

Ion	Ratio	Lower	Upper
198	100		
51	269.4	18.9	58.9#
105	238.3	26.4	66.4#



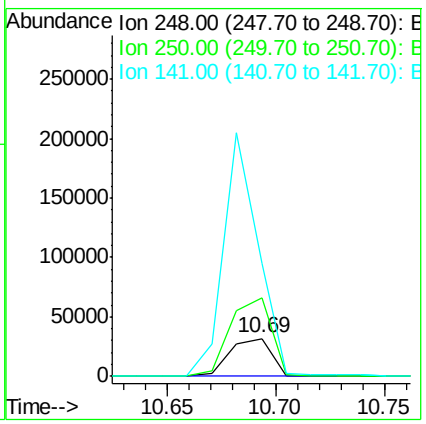


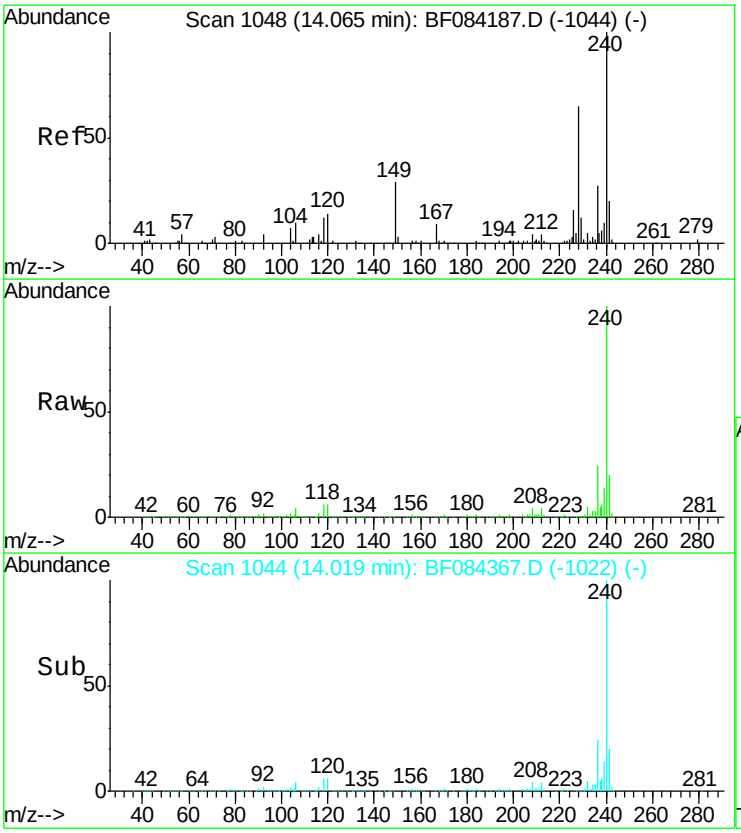
#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 42230

Ion	Ratio	Lower	Upper
248	100		
250	209.4	78.4	117.6#
141	300.6	44.0	66.0#

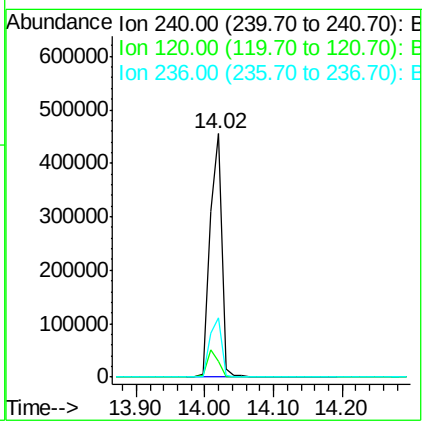


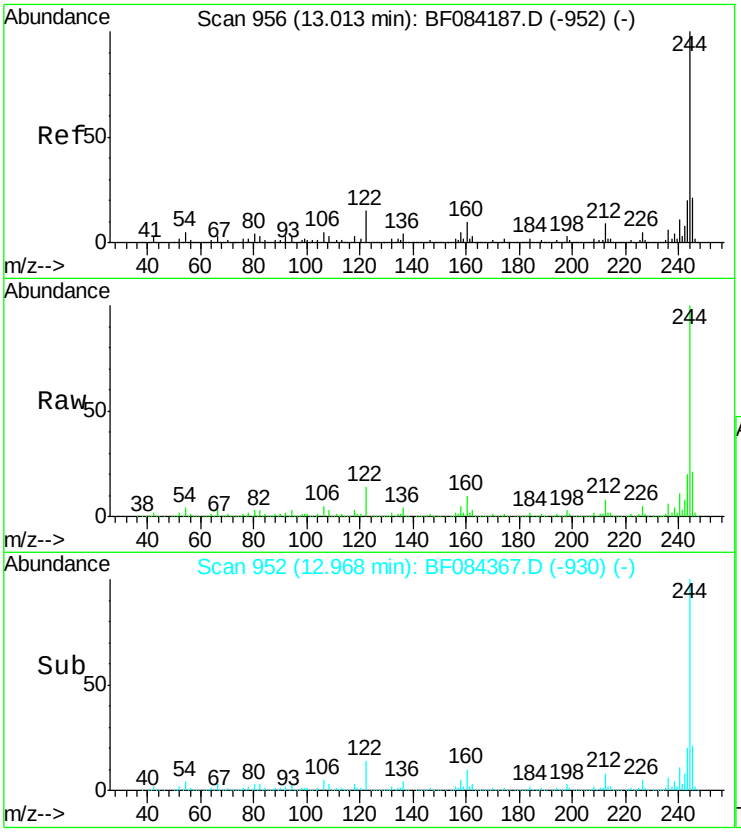


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:240 Resp: 547414

Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	24.4	20.6	31.0



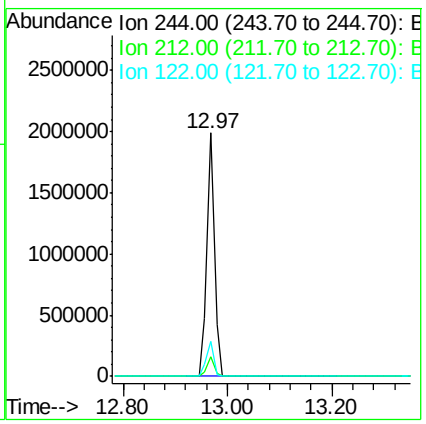


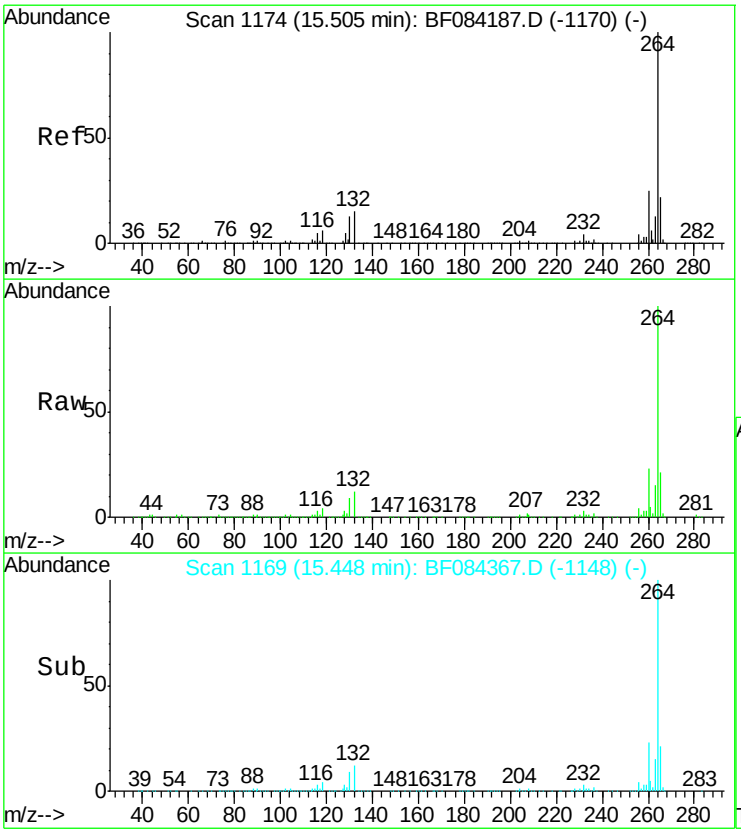
#78
Terphenyl-d14
Concen: 81.69 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084367.D
Acq: 10 Jan 2016 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2003391

Ion	Ratio	Lower	Upper
244	100		
212	8.1	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: BF084367.D
Acq: 10 Jan 2016 16:20

Tgt Ion:264 Resp: 467711

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	20.9	17.8	26.6