Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084378.D
Acq On : 11 Jan 2016 14:30
Operator : SJ/UM
Sample : H1043-16RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Time: Jan 12 01:39:28 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	254592	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1035930	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	452429	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	770074	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	510147	20.00	ng		-0.05
86) Perylene-d12	15.45	264	436770	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2243775	142.55	ng		-0.02
7) Phenol-d6	6.51	99	2703670	136.77	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1714241	92.10	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	680008	148.87	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2311197	90.26	ng		-0.05
78) Terphenyl-d14	12.97	244	1809140	79.16	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.52	94	47017	2.09	ng		77
19) n-Nitroso-di-n-propylamine	7.42	70	244374	18.26	ng	#	70
49) Dimethylphthalate	9.62	163	600026	18.55	ng	#	91
54) Dibenzofuran	10.10	168	626	Below Cal		#	65
56) 2,4-Dinitrotoluene	9.89	165	60368	6.72	ng	#	21
57) Fluorene	10.68	166	23633	Below Cal		#	91
64) 4,6-Dinitro-2-methylphenol	10.68	198	1292	6.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	40506	4.89	ng	#	1
73) Di-n-butylphthalate	11.94	149	4947	Below Cal		#	90

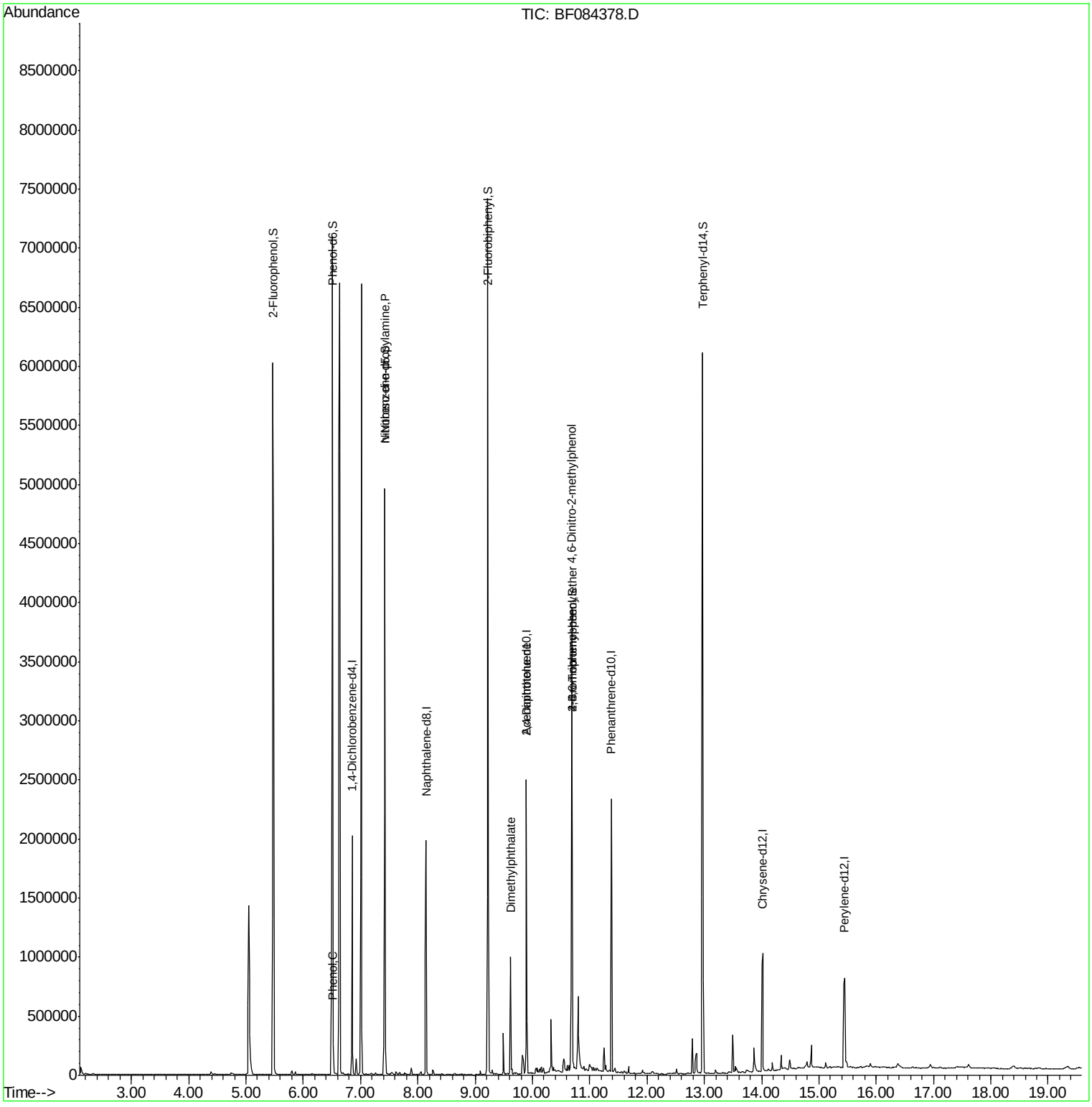
(#) = qualifier out of range (m) = manual integration (+) = signals summed

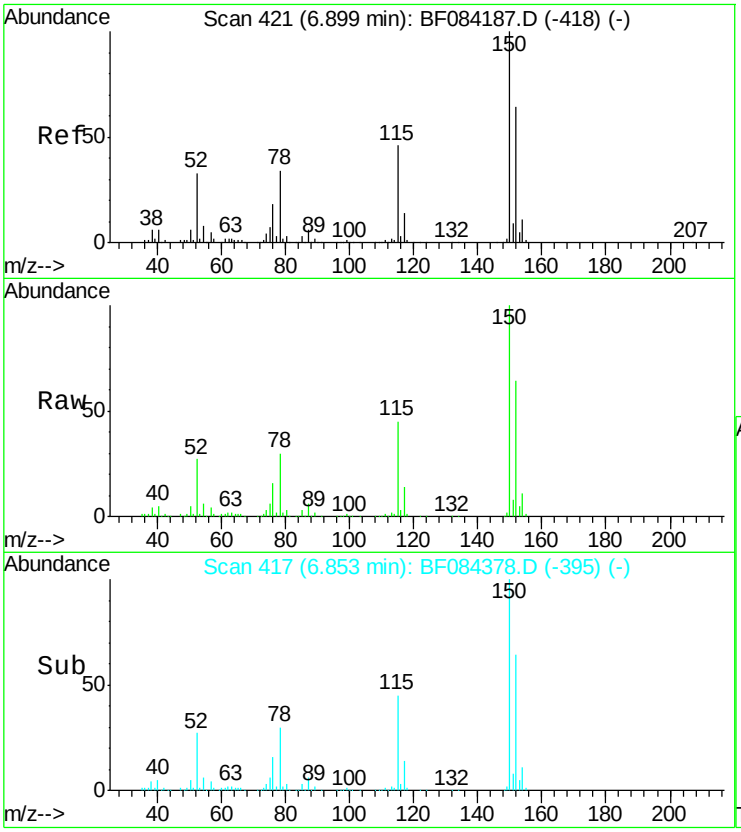
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084378.D
Acq On : 11 Jan 2016 14:30
Operator : SJ/UM
Sample : H1043-16RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Time: Jan 12 01:39:28 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



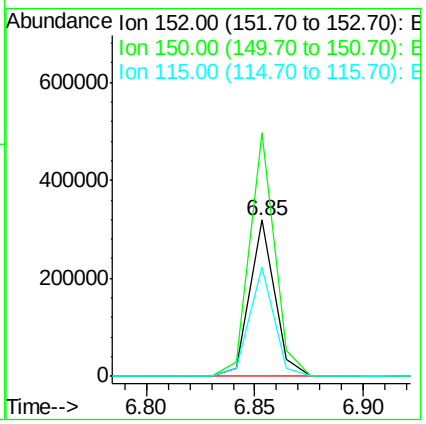


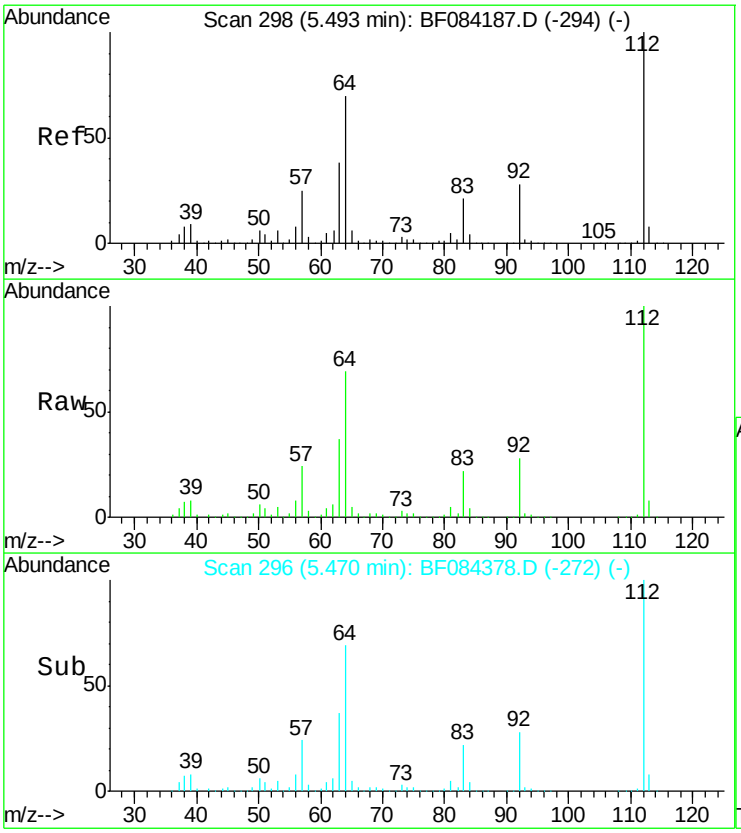
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:152 Resp: 254592

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	69.6	51.4	77.2

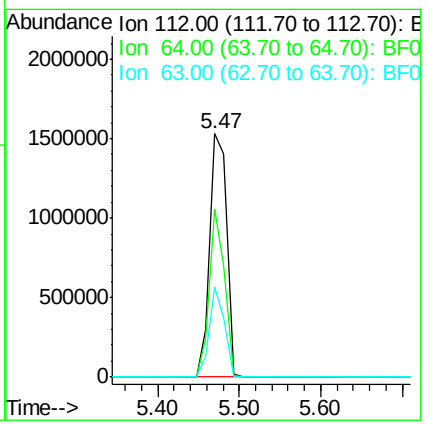


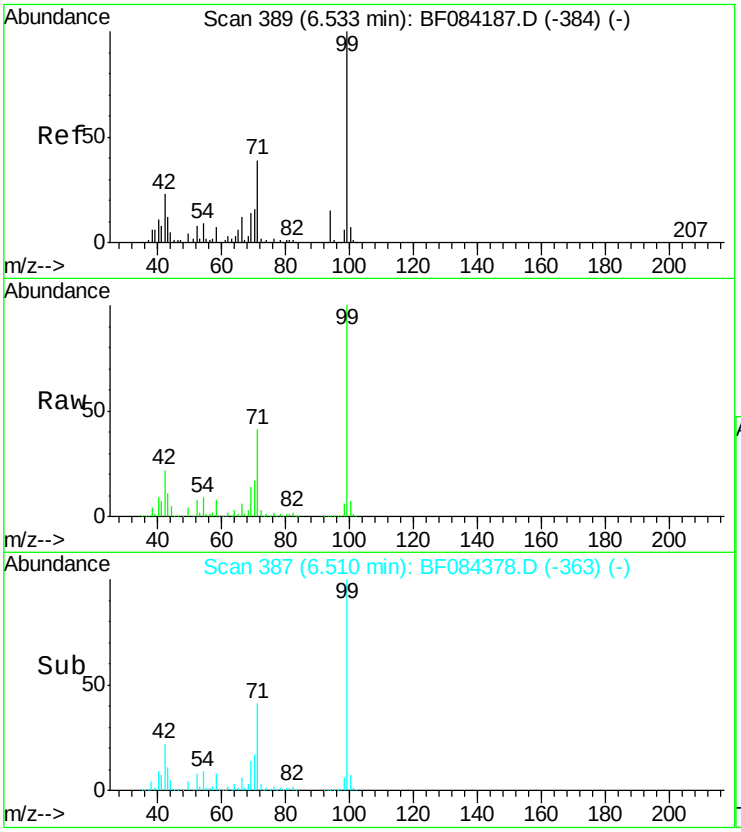


#5
2-Fluorophenol
Concen: 142.55 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:112 Resp: 2243775

Ion	Ratio	Lower	Upper
112	100		
64	68.9	36.6	55.0#
63	36.9	19.4	29.0#



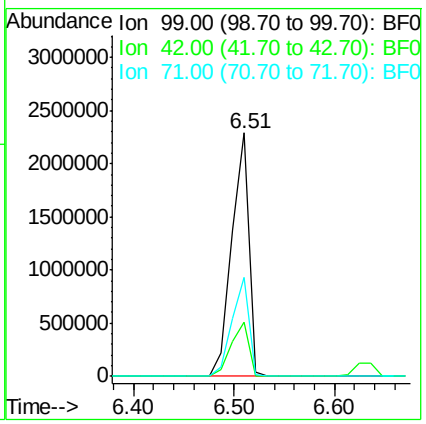


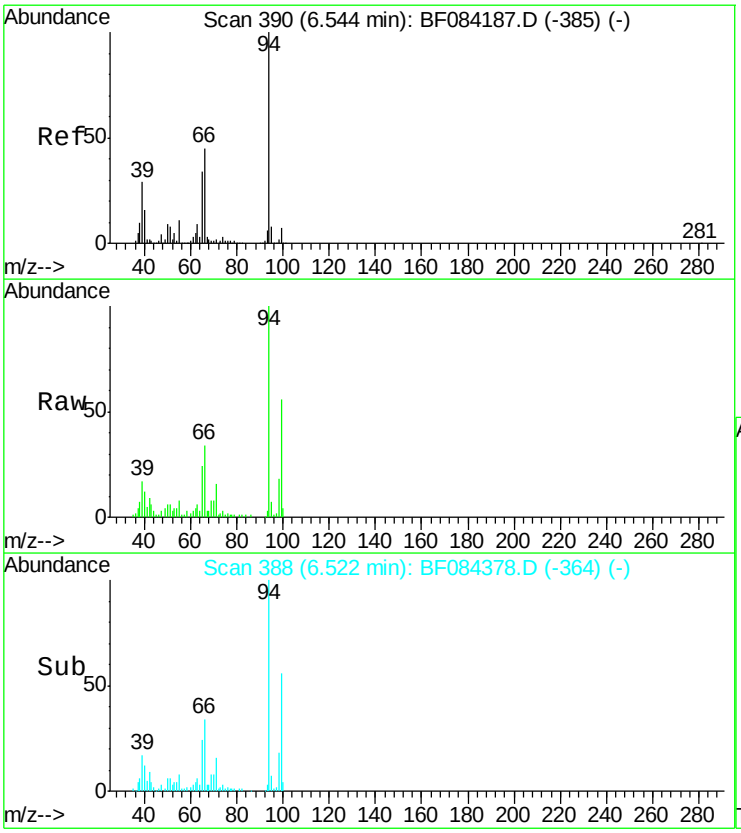
#7
Phenol-d6
Concen: 136.77 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion: 99 Resp: 2703670

Ion	Ratio	Lower	Upper
99	100		
42	22.2	12.8	19.2#
71	40.7	30.9	46.3

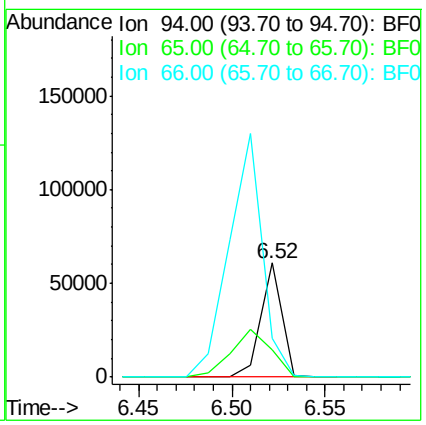


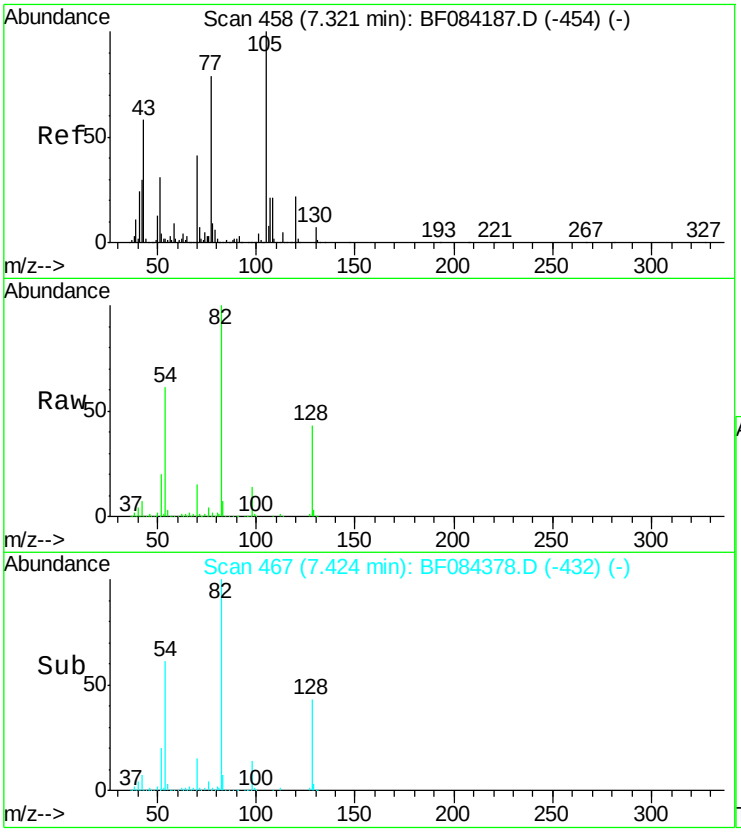


#10
Phenol
Concen: 2.09 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion: 94 Resp: 47017

Ion	Ratio	Lower	Upper
94	100		
65	23.7	12.9	52.9
66	33.5	32.7	72.7



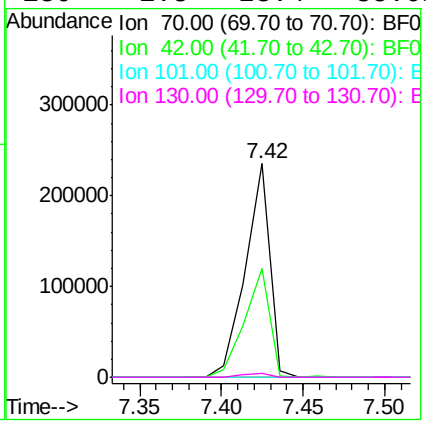


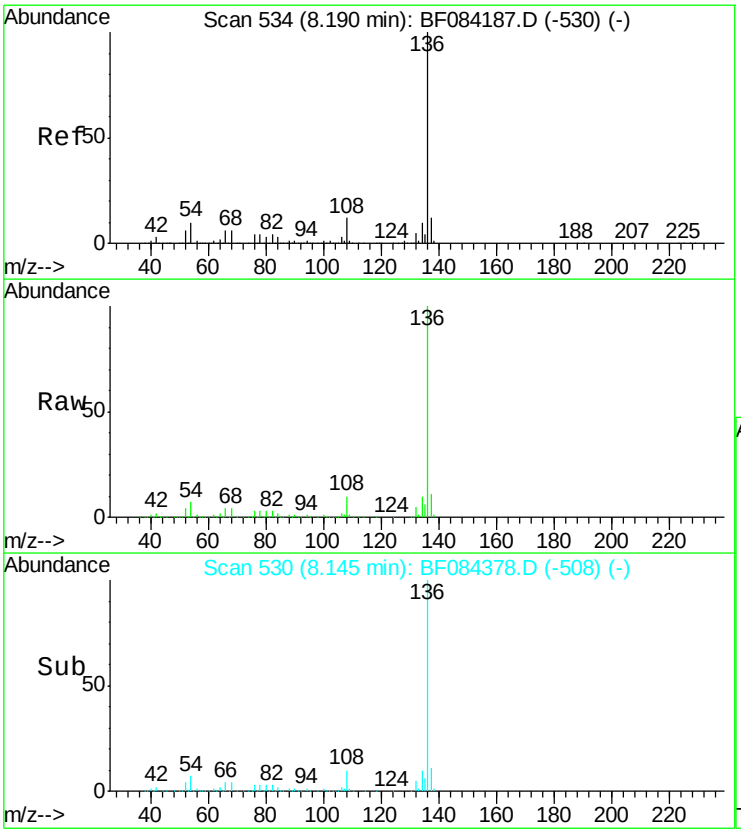
#19
n-Nitroso-di-n-propylamine
Concen: 18.26 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion: 70 Resp: 244374

Ion	Ratio	Lower	Upper
70	100		
42	51.2	33.3	49.9#
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#

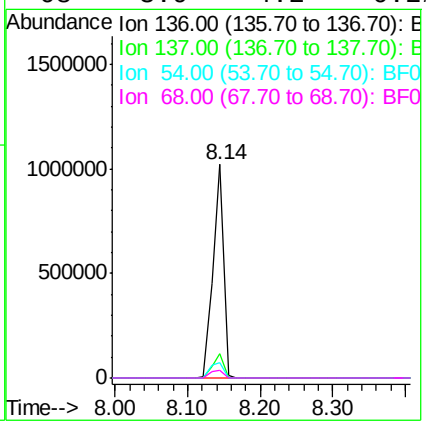


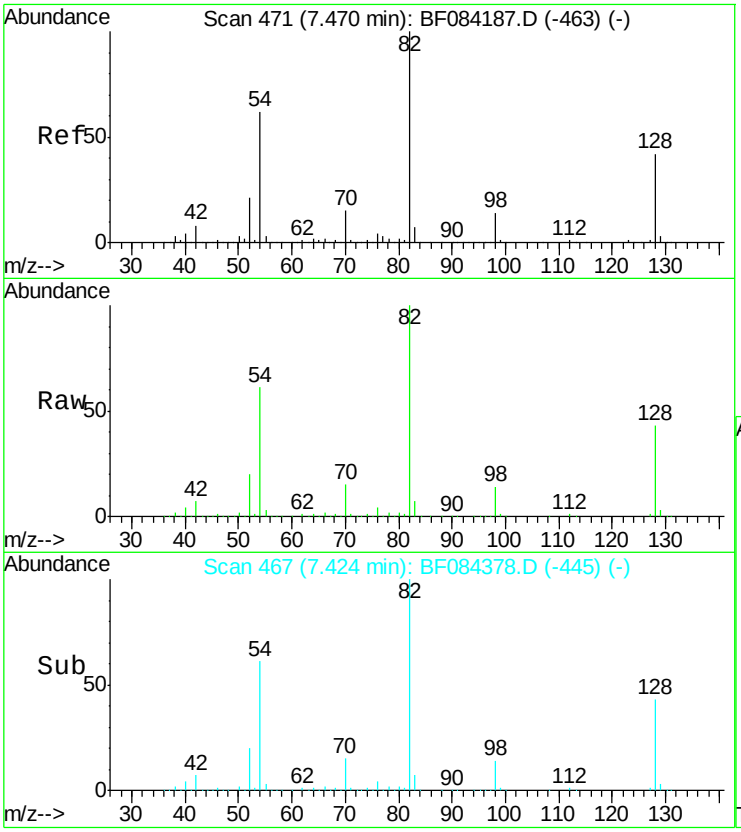


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:136 Resp: 1035930

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.0	5.8	8.8
68	3.9	4.2	6.2#



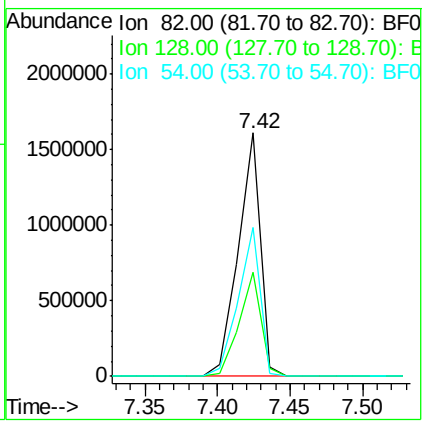


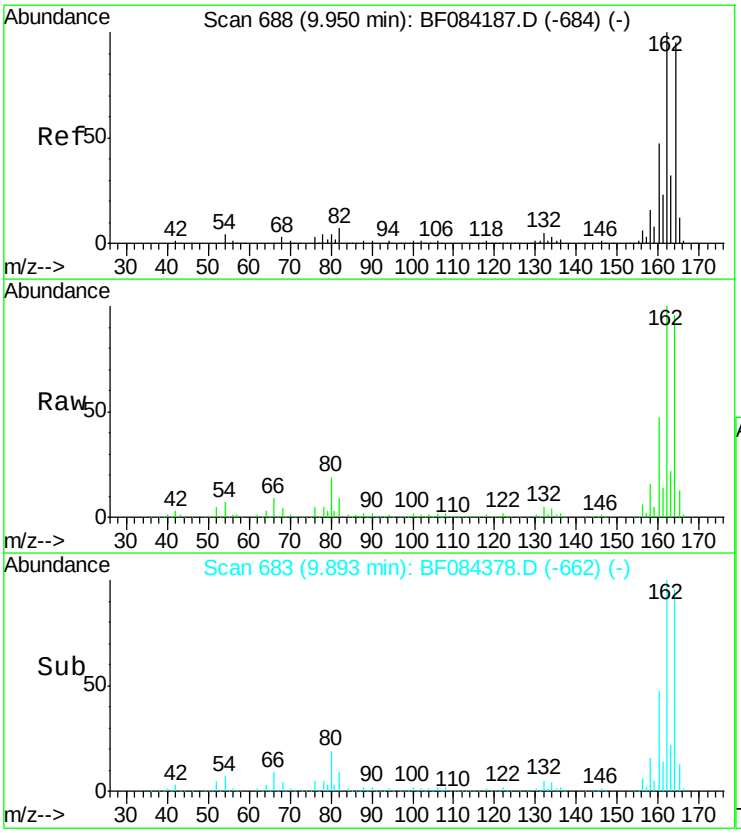
#23
Nitrobenzene-d5
Concen: 92.10 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion: 82 Resp: 1714241

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	61.0	38.4	57.6#

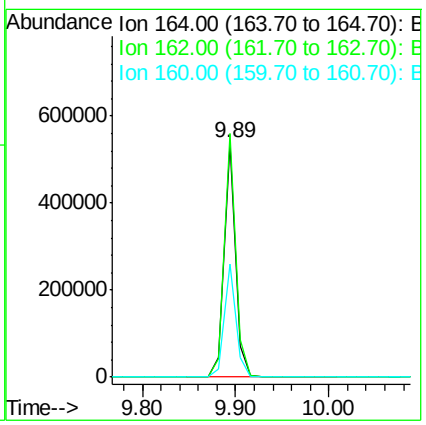


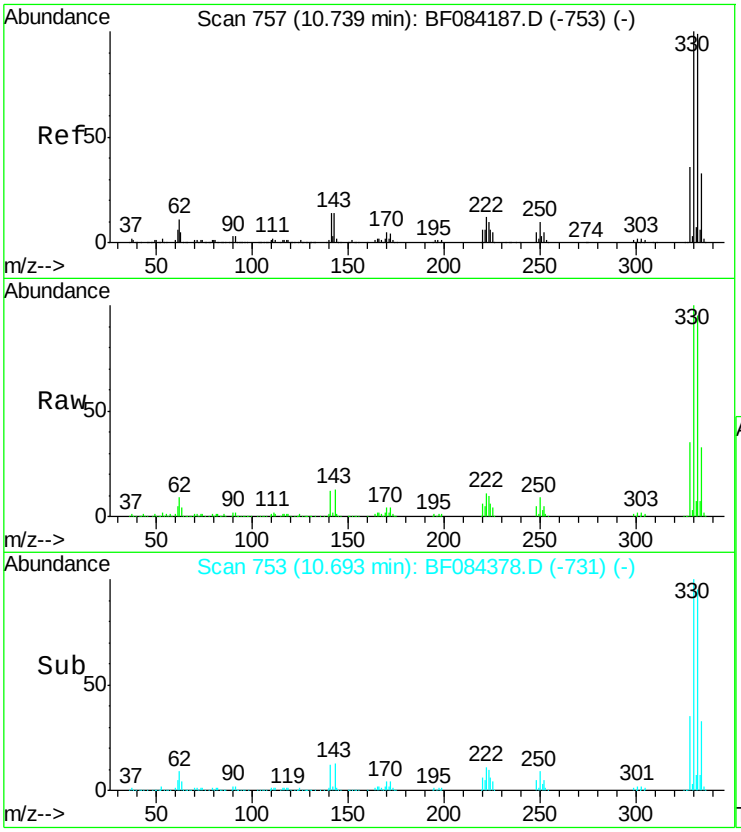


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:164 Resp: 452429

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	48.6	37.5	56.3



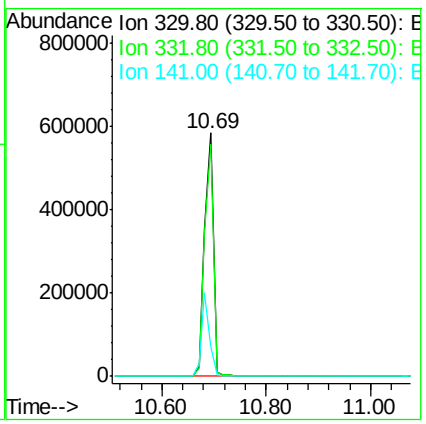


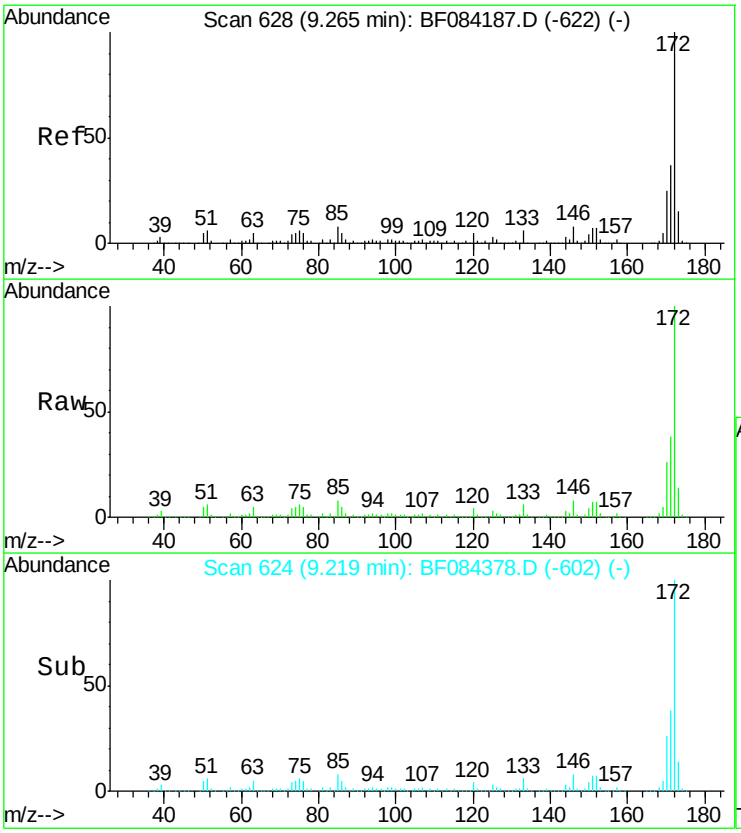
#41
2,4,6-Tribromophenol
Concen: 148.87 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:330 Resp: 680008

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	31.8	27.8	41.6

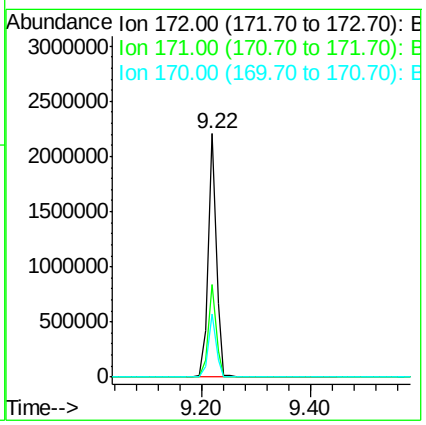


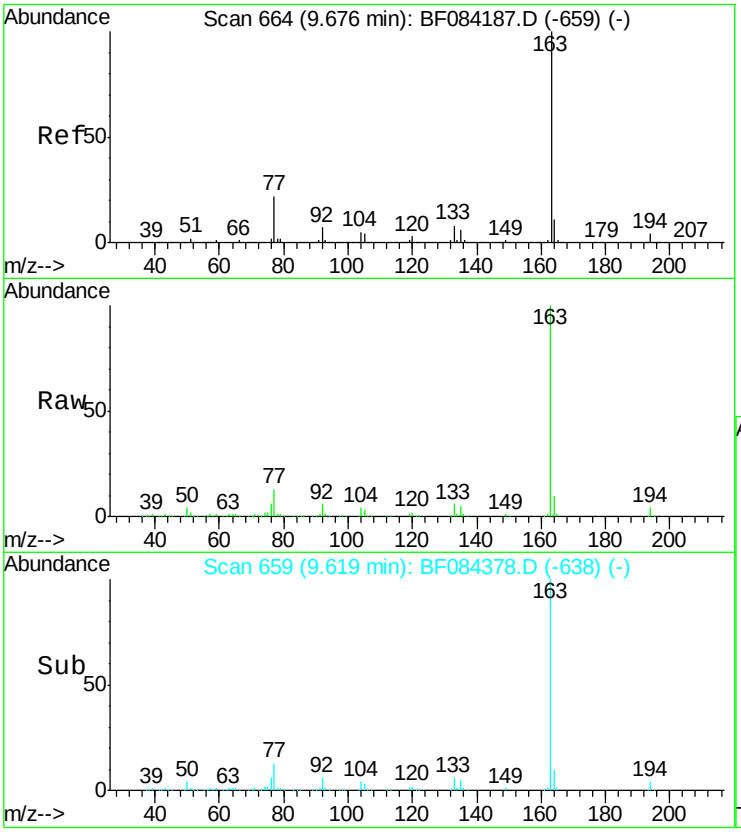


#44
2-Fluorobiphenyl
Concen: 90.26 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:172 Resp: 2311197

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	25.9	18.6	27.8



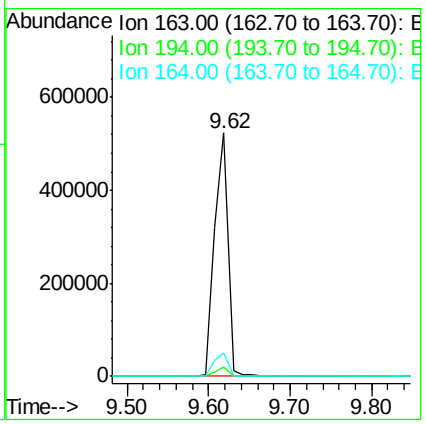


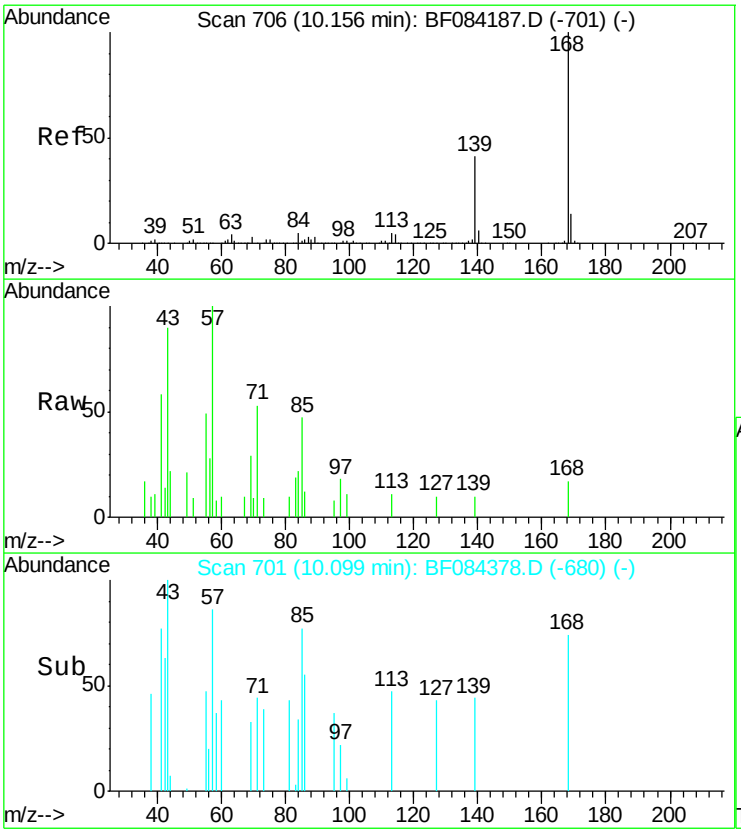
#49
Dimethylphthalate
Concen: 18.55 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:163 Resp: 600026

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.6	8.0	12.0

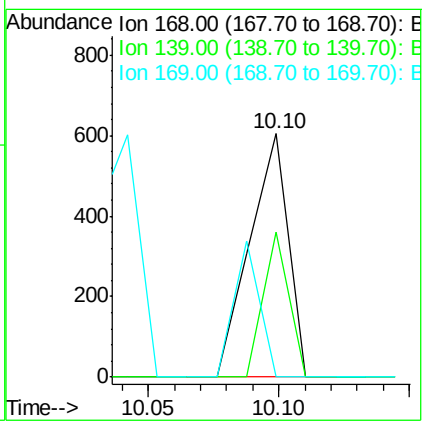


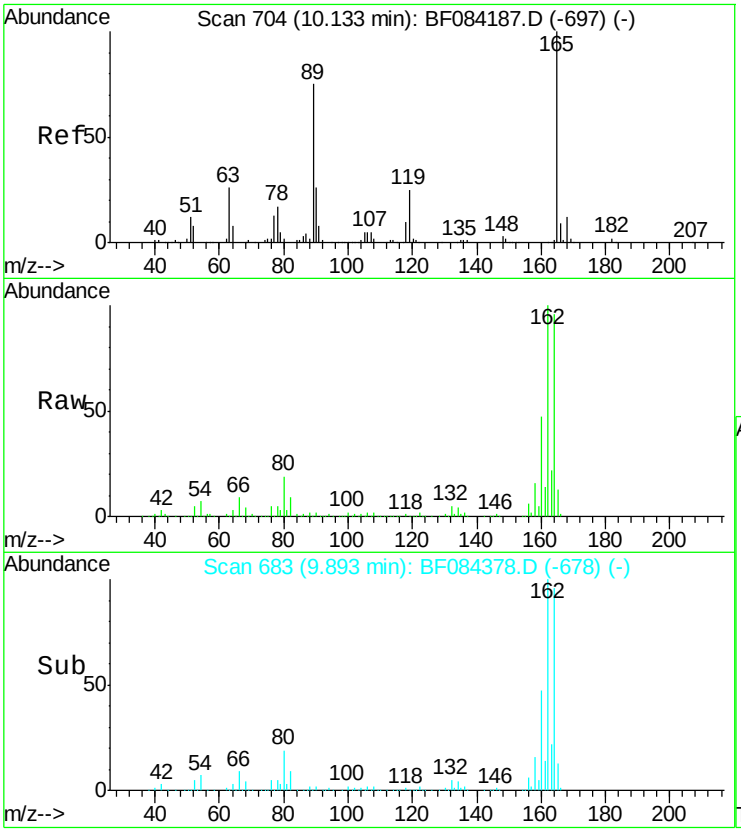


#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:168 Resp: 626

Ion	Ratio	Lower	Upper
168	100		
139	59.7	30.5	45.7#
169	0.0	10.4	15.6#



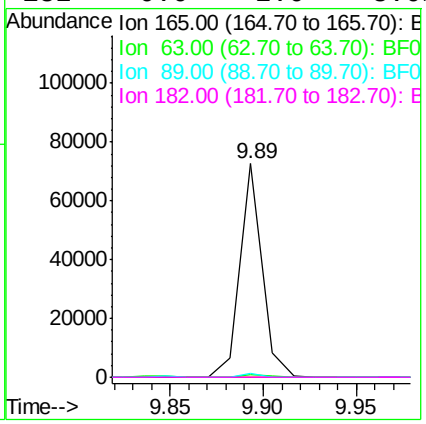


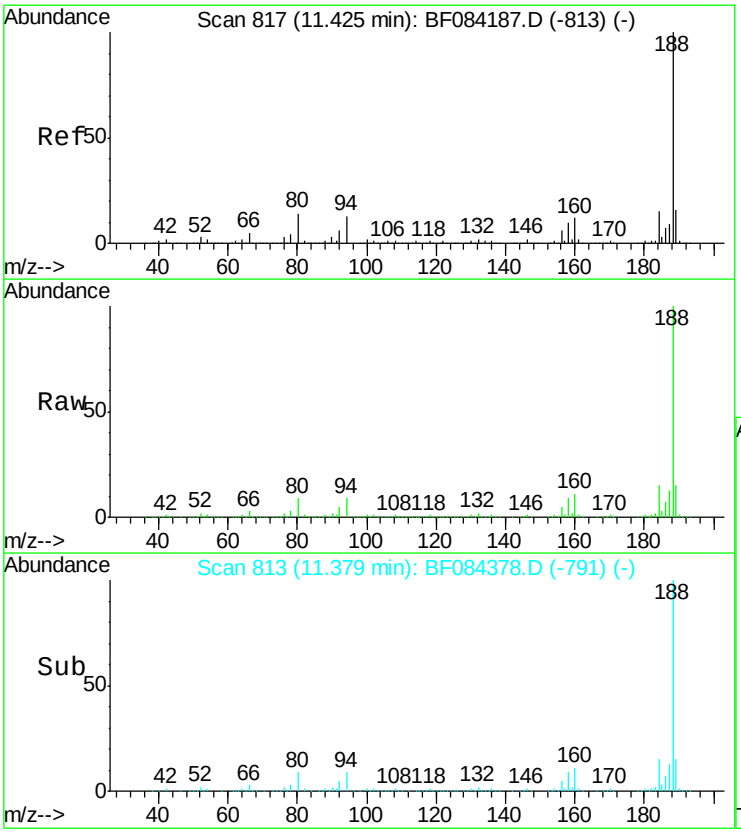
#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:165 Resp: 60368

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

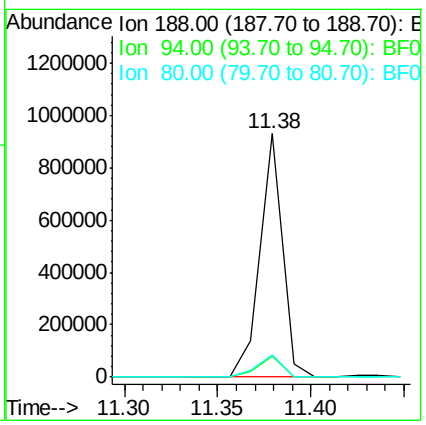


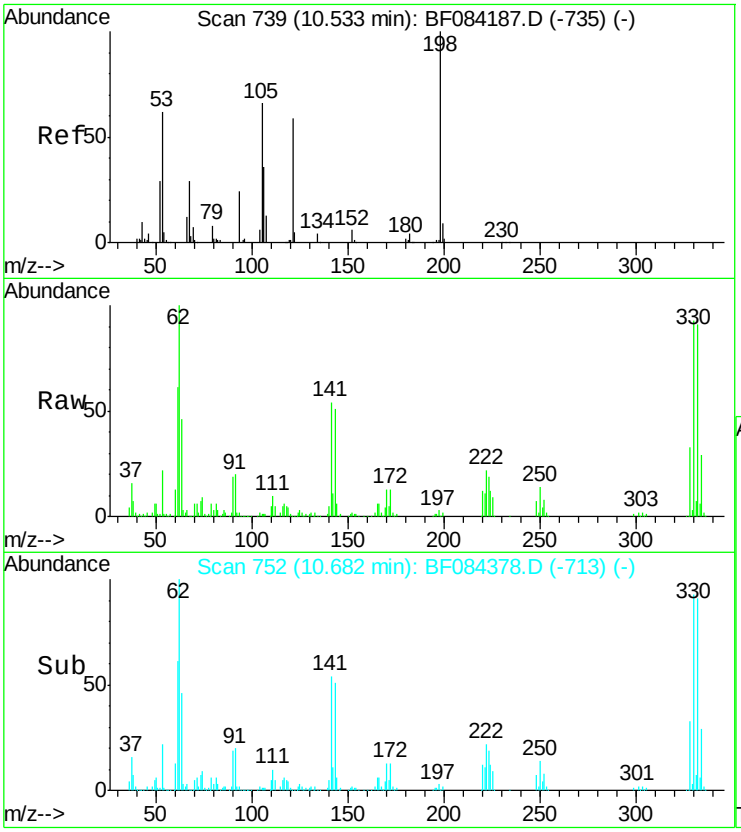


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:188 Resp: 770074

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.2	9.6	14.4#



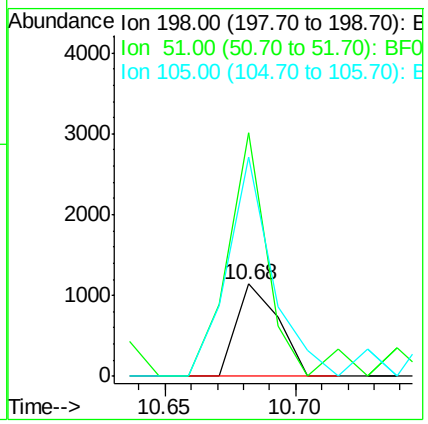


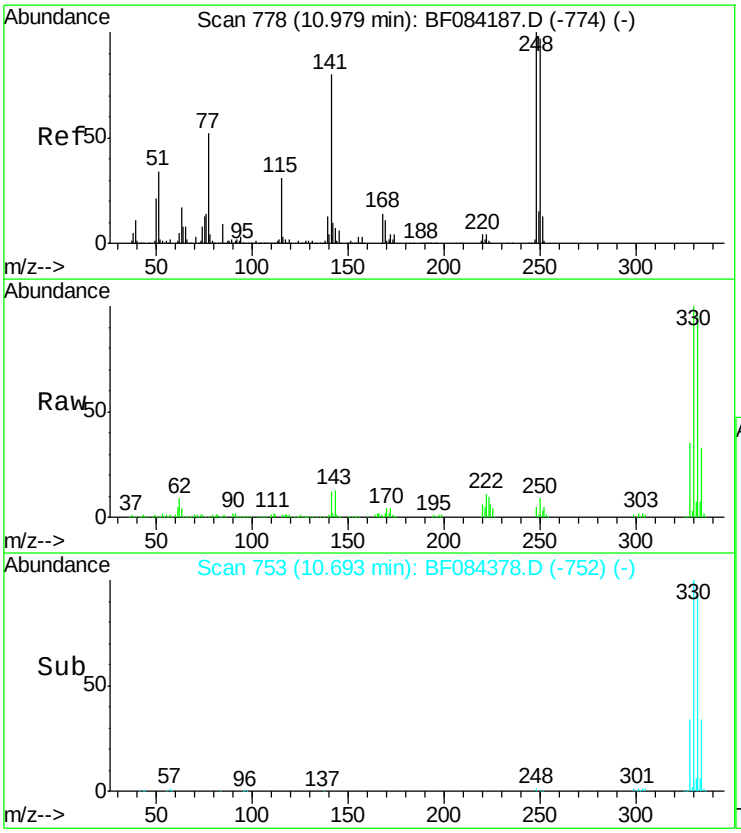
#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:198 Resp: 1292

Ion	Ratio	Lower	Upper
198	100		
51	263.4	18.9	58.9#
105	237.4	26.4	66.4#

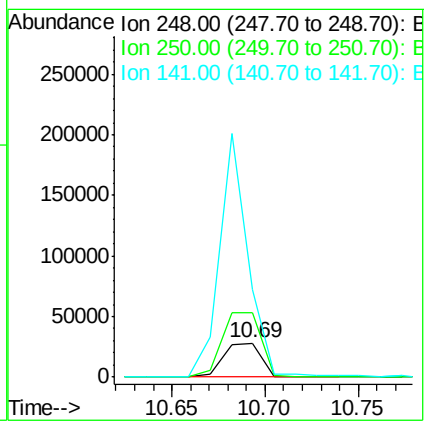


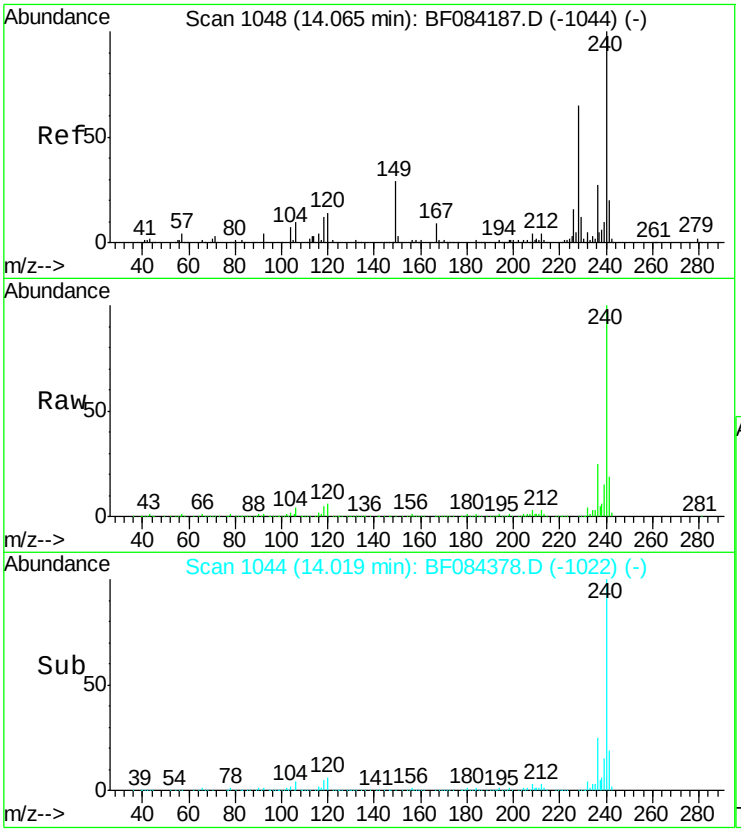


#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:248 Resp: 40506

Ion	Ratio	Lower	Upper
248	100		
250	187.4	78.4	117.6#
141	254.4	44.0	66.0#



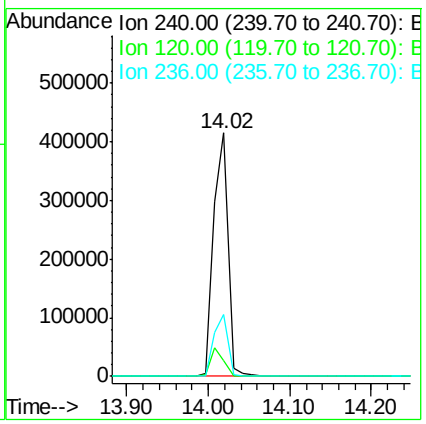


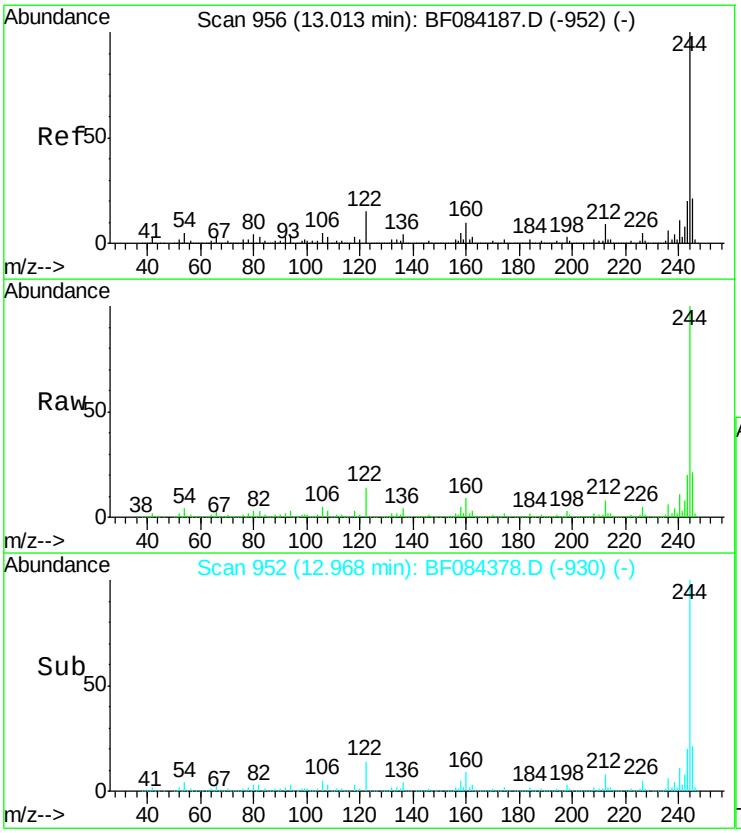
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:240 Resp: 510147

Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	25.5	20.6	31.0

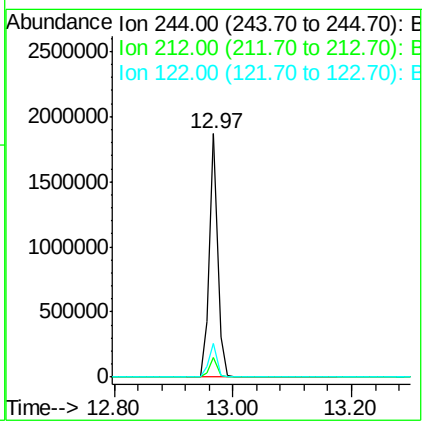


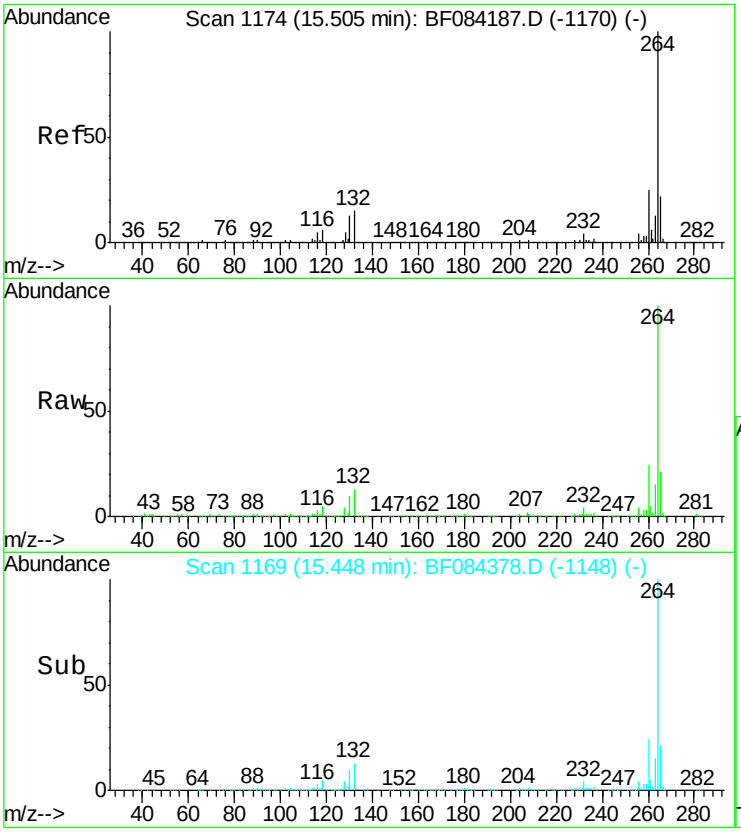


#78
Terphenyl-d14
Concen: 79.16 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion:244 Resp: 1809140

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.1	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: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion:264 Resp: 436770

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.3	17.8	26.6