Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084331.D
Acq On : 8 Jan 2016 16:46
Operator : SJ/UM
Sample : PB87699BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87699BL

Quant Time: Jan 08 22:15:40 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	252643	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1063666	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	488953	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	926072	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	742889	20.00	ng	-0.05
86) Perylene-d12	15.44	264	519370	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1620180	103.73	ng	-0.02
7) Phenol-d6	6.50	99	1998294	101.87	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1555002	81.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	570437	115.56	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2155670	76.96	ng	-0.05
78) Terphenyl-d14	12.97	244	2270462	68.22	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	220482	16.60	ng	# 72
32) Benzoic acid	8.14	122	246	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	63187	8.24	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	63190	6.51	ng	# 21
57) Fluorene	10.68	166	20721	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.68	198	1096	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	33391	3.35	ng	# 1
73) Di-n-butylphthalate	11.95	149	1597	Below Cal		# 79

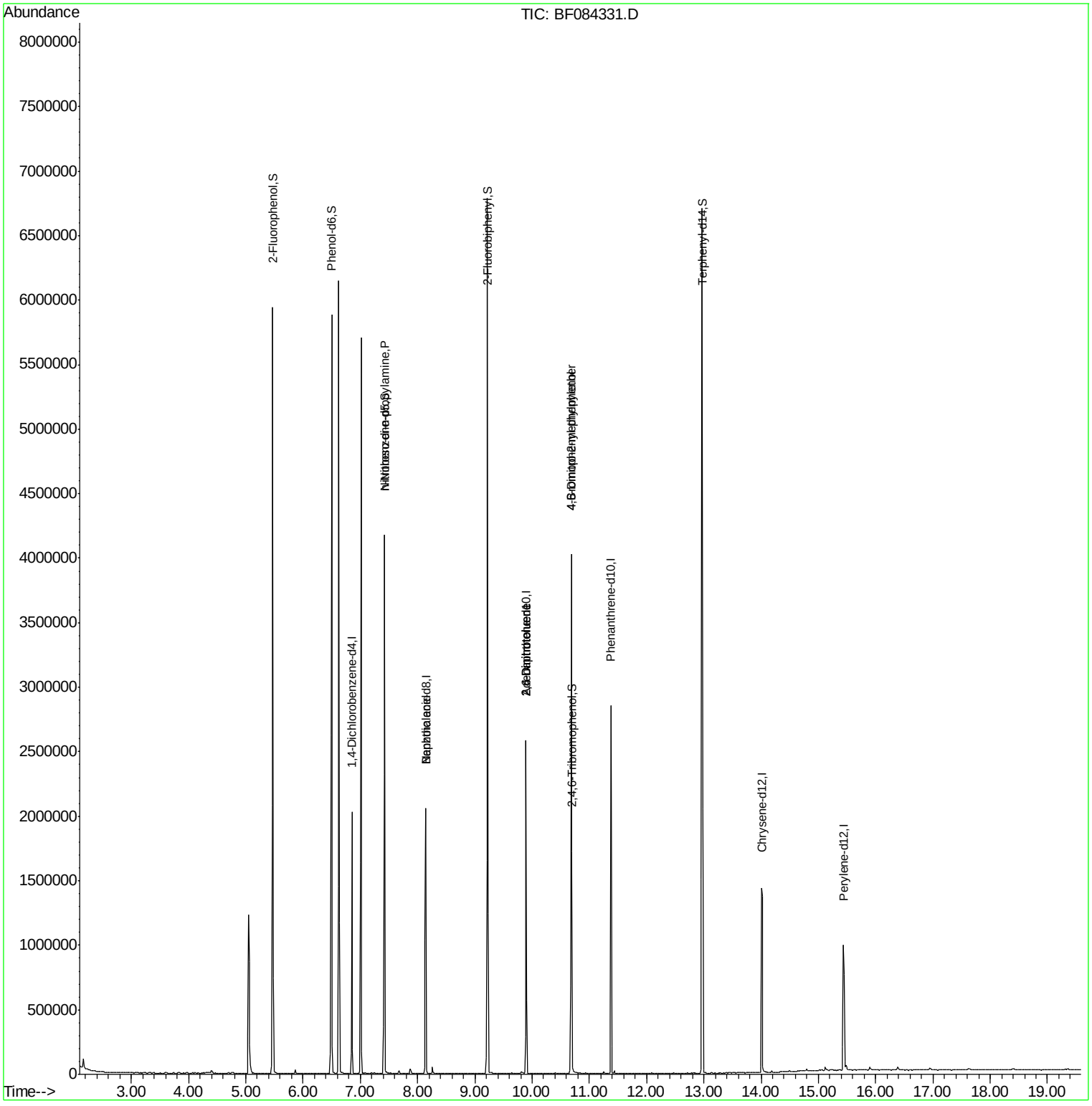
(#) = qualifier out of range (m) = manual integration (+) = signals summed

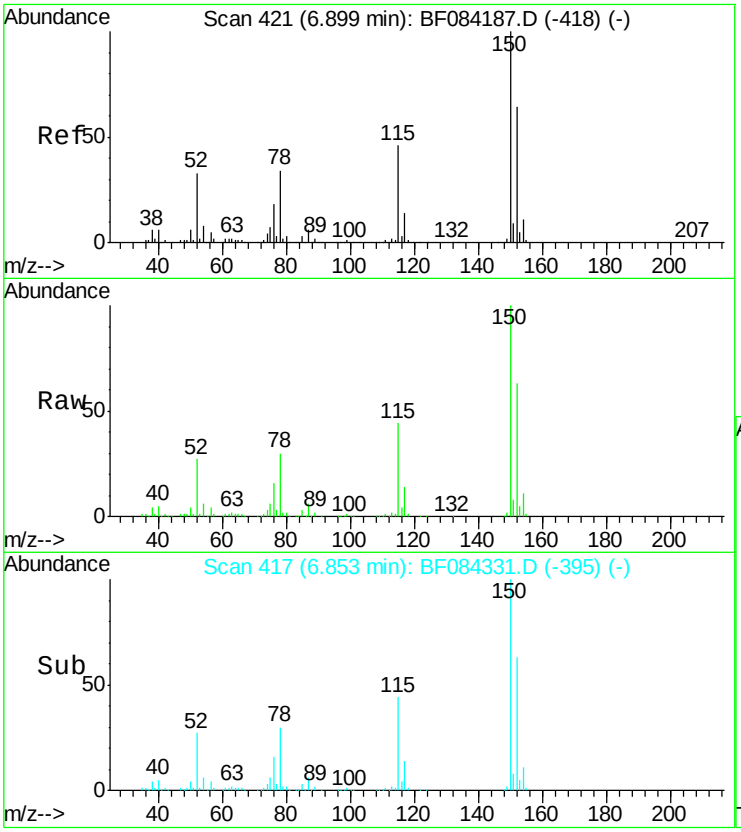
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084331.D
Acq On : 8 Jan 2016 16:46
Operator : SJ/UM
Sample : PB87699BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Quant Time: Jan 08 22:15:40 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



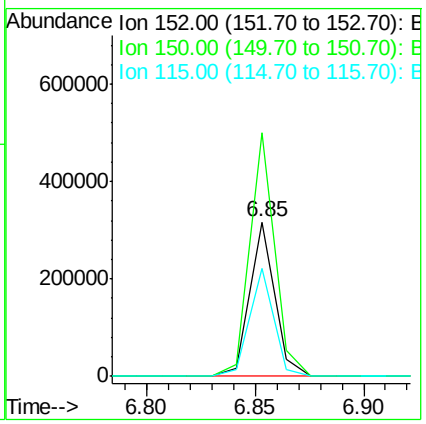


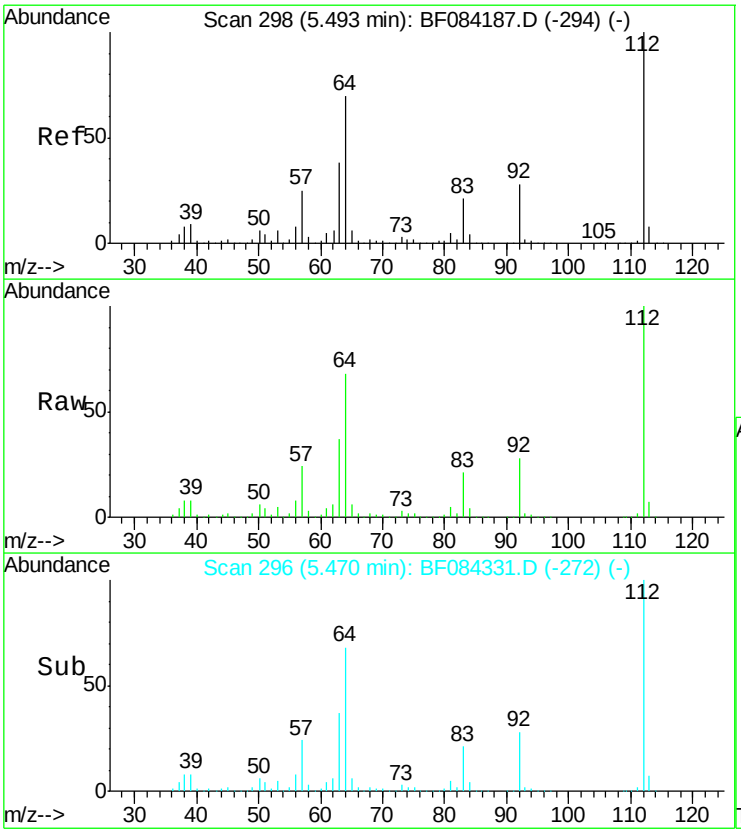
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:152 Resp: 252643

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.4
115	70.1	51.4	77.2

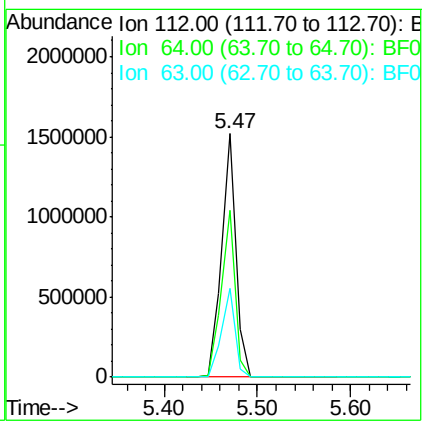


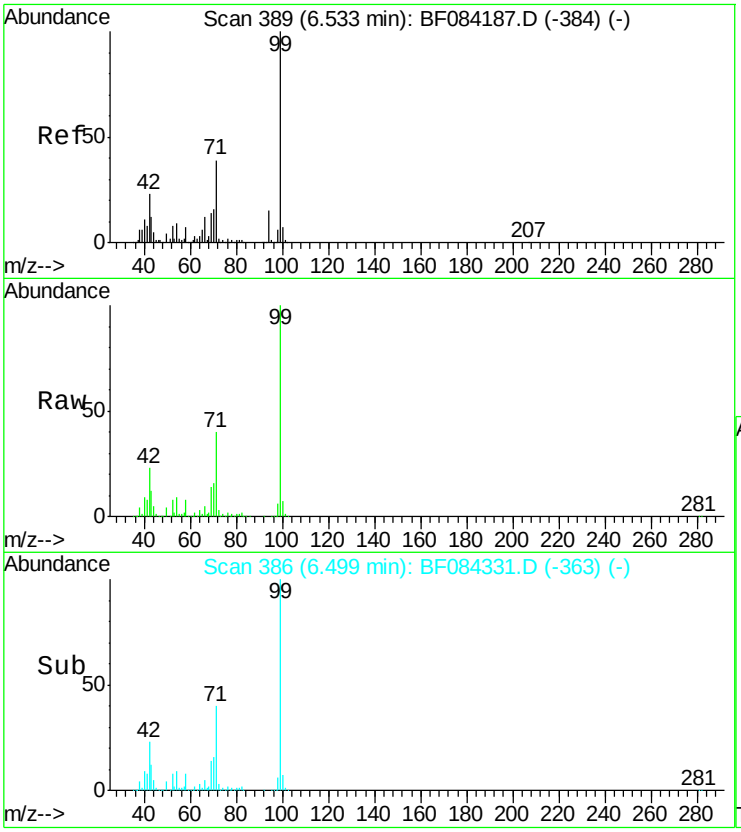


#5
2-Fluorophenol
Concen: 103.73 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:112 Resp: 1620180

Ion	Ratio	Lower	Upper
112	100		
64	68.4	36.6	55.0#
63	36.6	19.4	29.0#



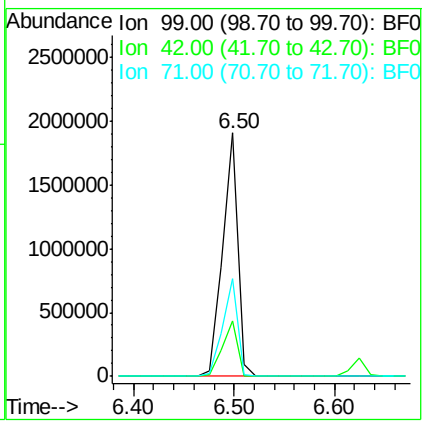


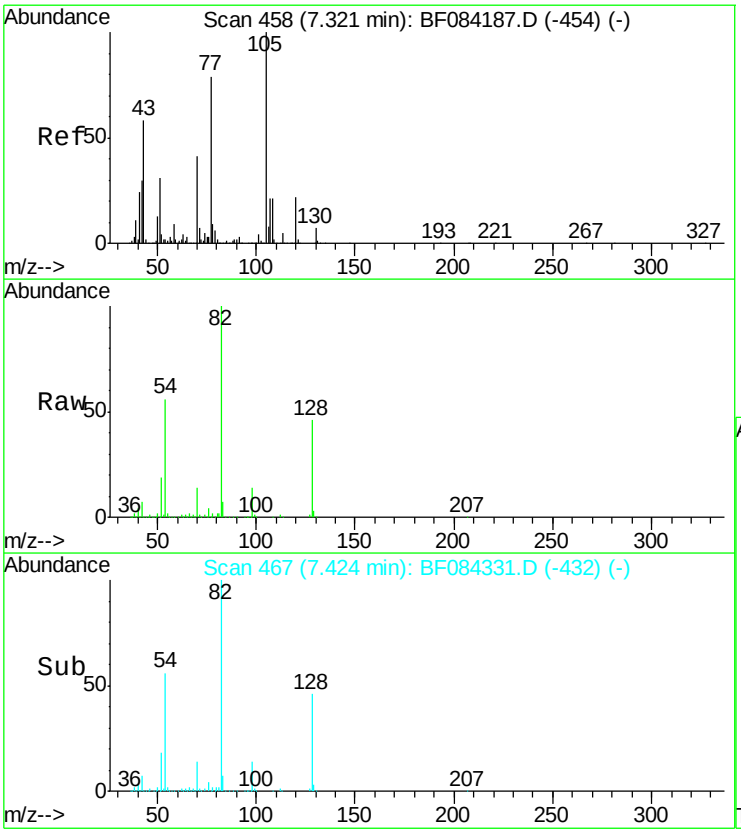
#7
Phenol-d6
Concen: 101.87 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion: 99 Resp: 1998294

Ion	Ratio	Lower	Upper
99	100		
42	22.7	12.8	19.2#
71	40.0	30.9	46.3

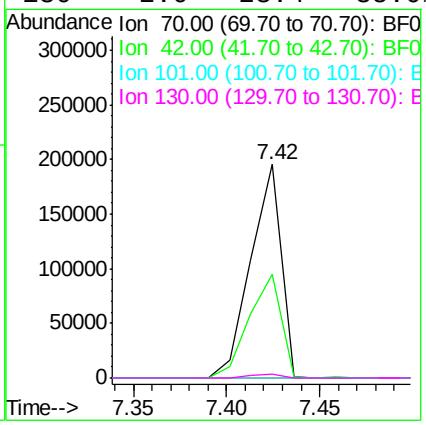


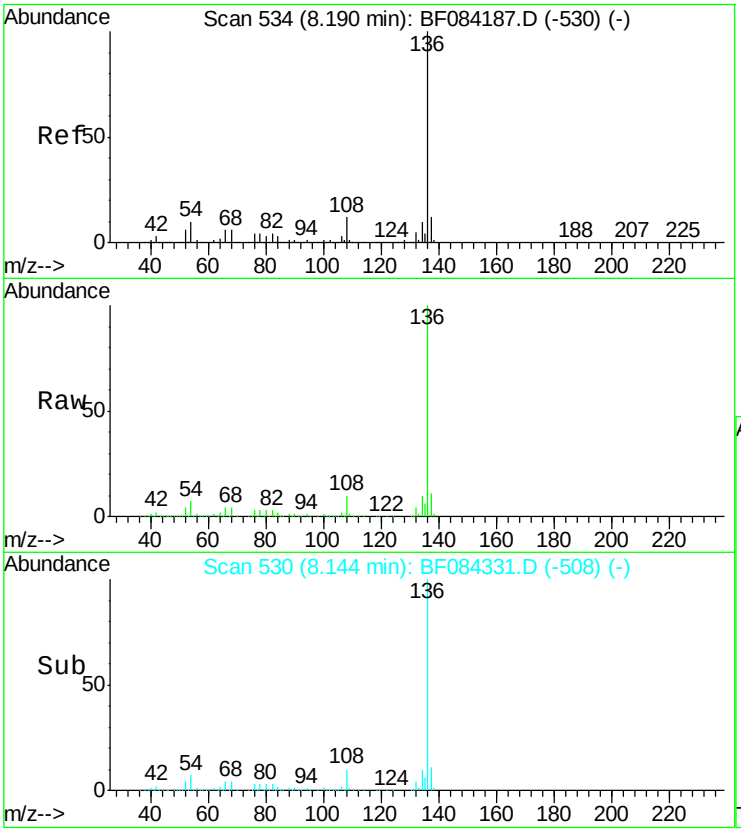


#19
n-Nitroso-di-n-propylamine
Concen: 16.60 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion: 70 Resp: 220482

Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



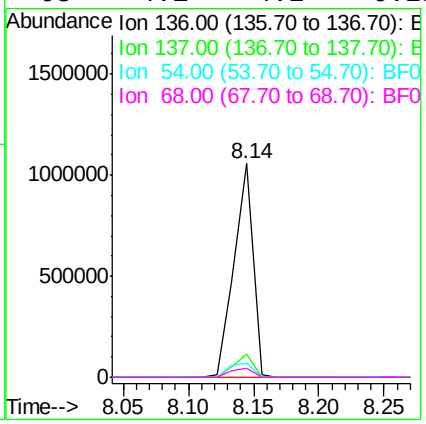


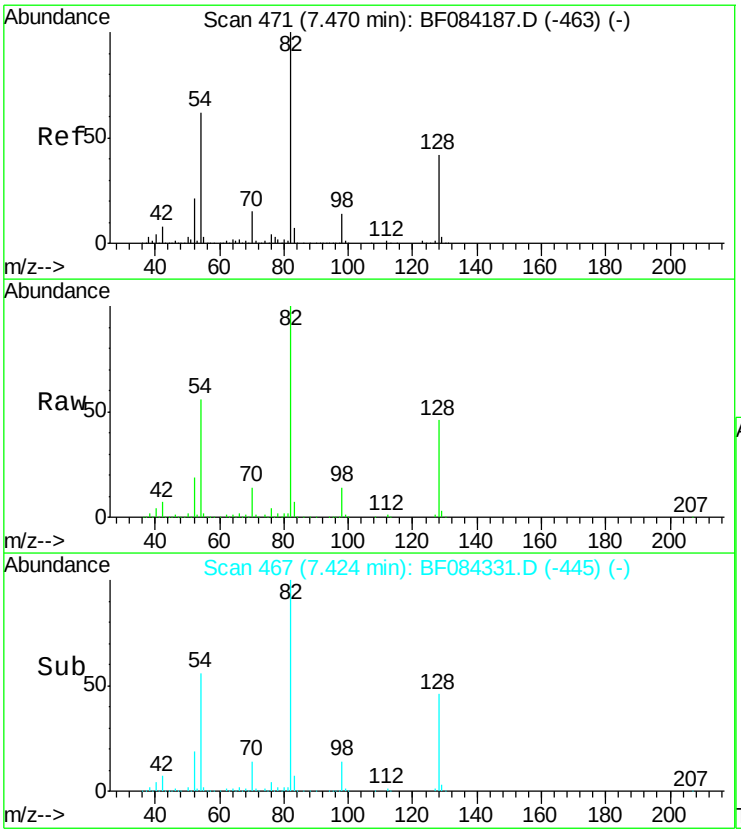
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:136 Resp: 1063666

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.8	8.8
68	4.1	4.2	6.2#

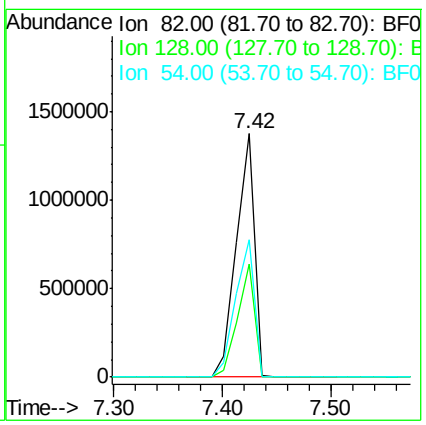


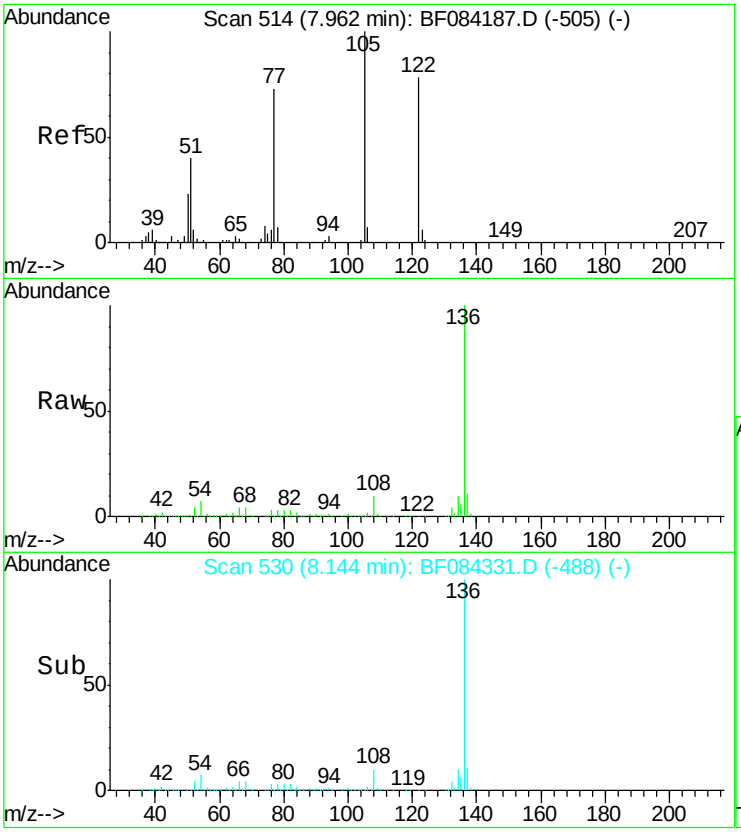


#23
Nitrobenzene-d5
Concen: 81.36 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion: 82 Resp: 1555002

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	56.3	38.4	57.6



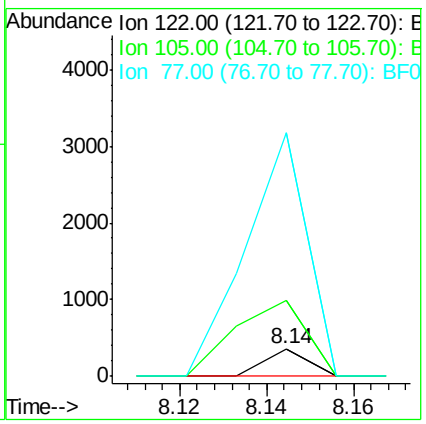


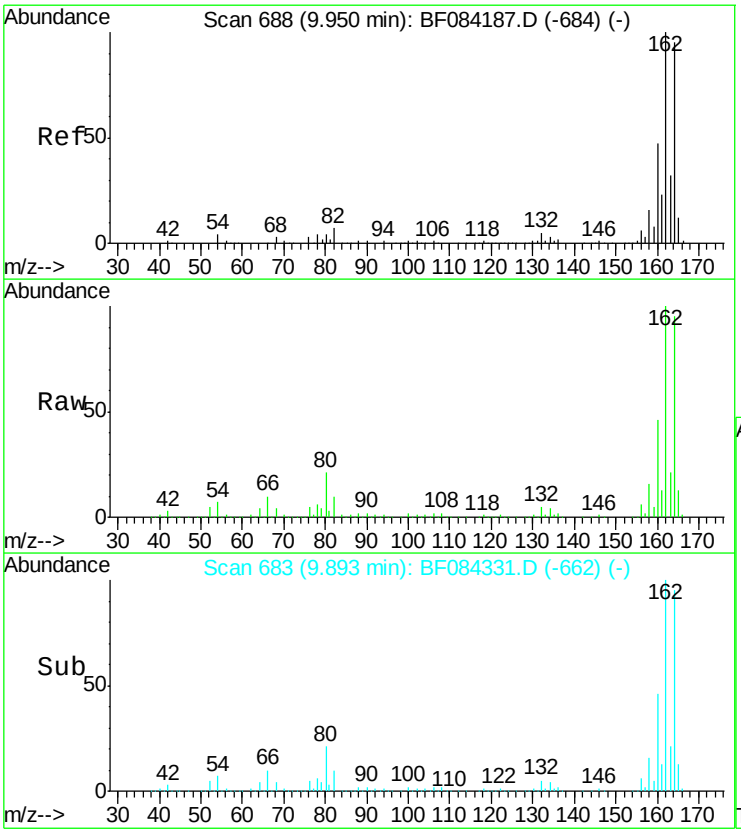
#32
Benzoic acid
Concen: 6.27 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.18 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:122 Resp: 246

Ion	Ratio	Lower	Upper
122	100		
105	275.8	100.3	140.3#
77	884.4	63.5	103.5#

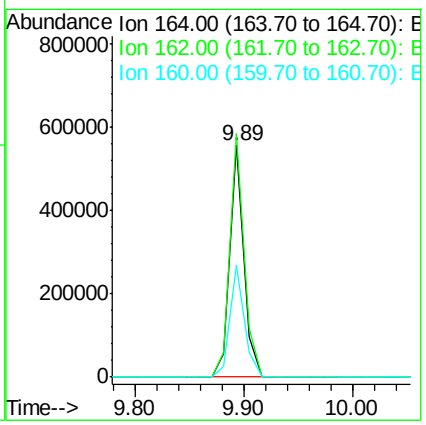


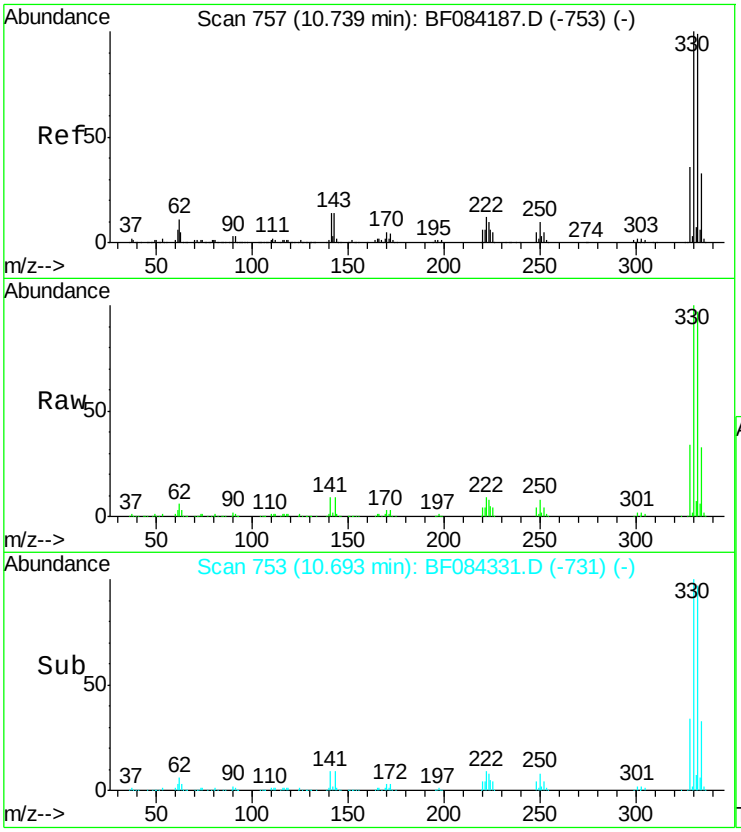


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:164 Resp: 488953

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	47.9	37.5	56.3



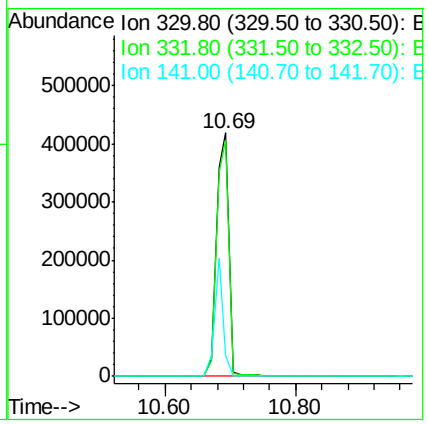


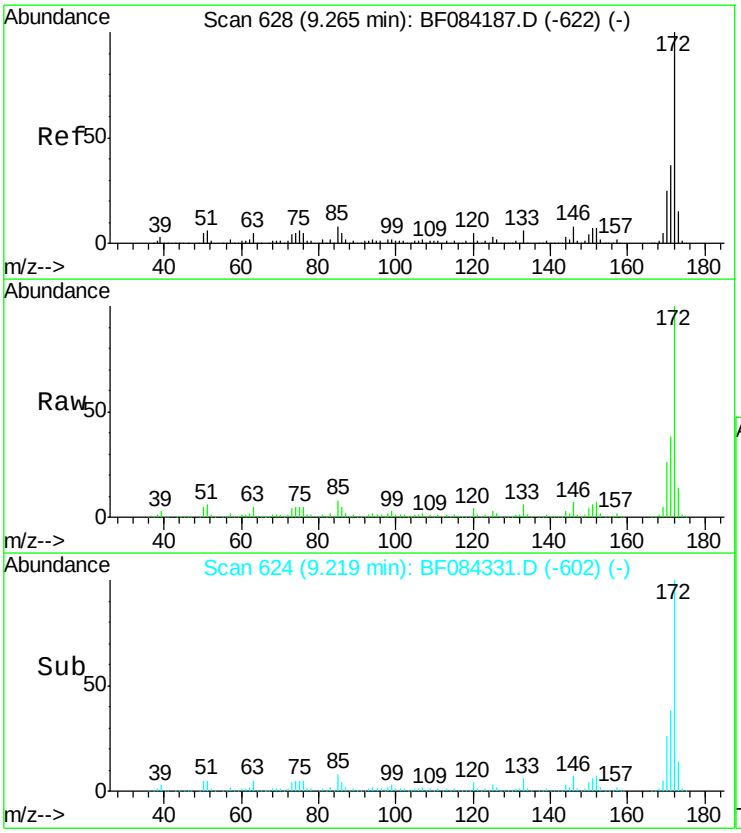
#41
2,4,6-Tribromophenol
Concen: 115.56 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:330 Resp: 570437

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	34.3	27.8	41.6

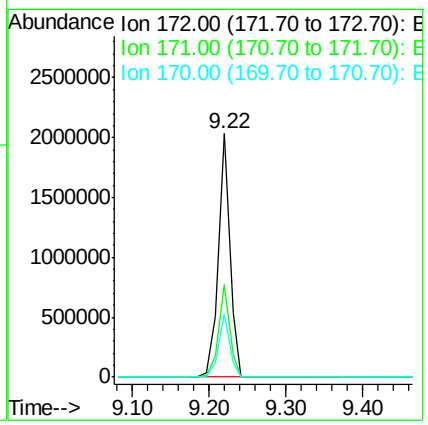


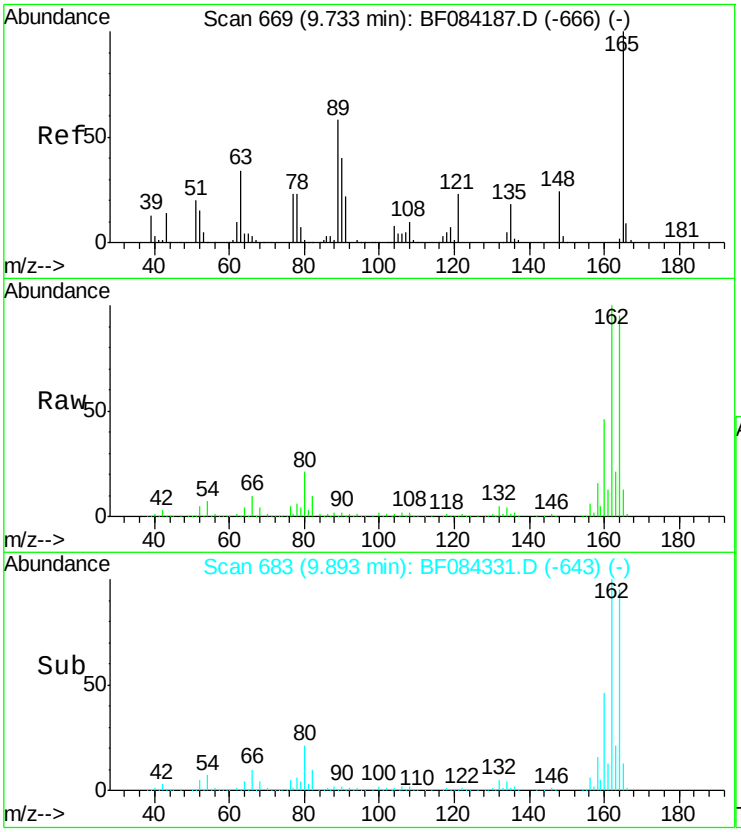


#44
2-Fluorobiphenyl
Concen: 76.96 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:172 Resp: 2155670

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	25.7	18.6	27.8



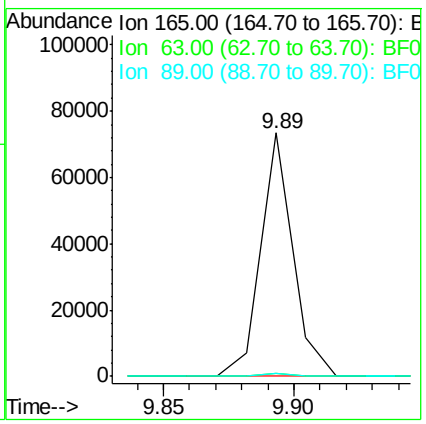


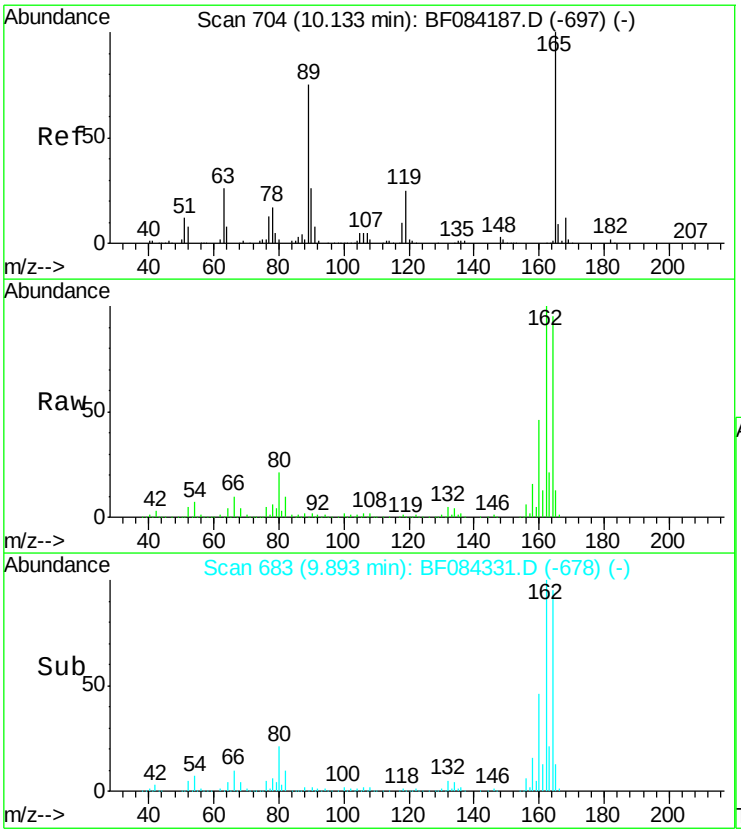
#50
2,6-Dinitrotoluene
Concen: 8.24 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:165 Resp: 63187

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.4	35.1	52.7#

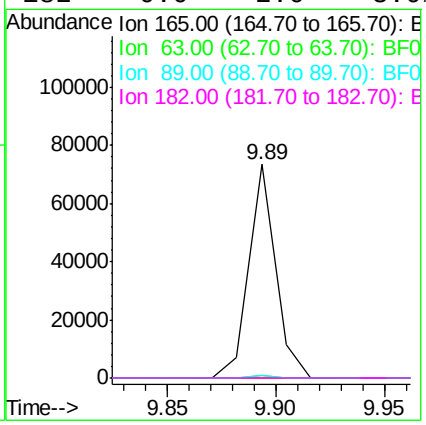


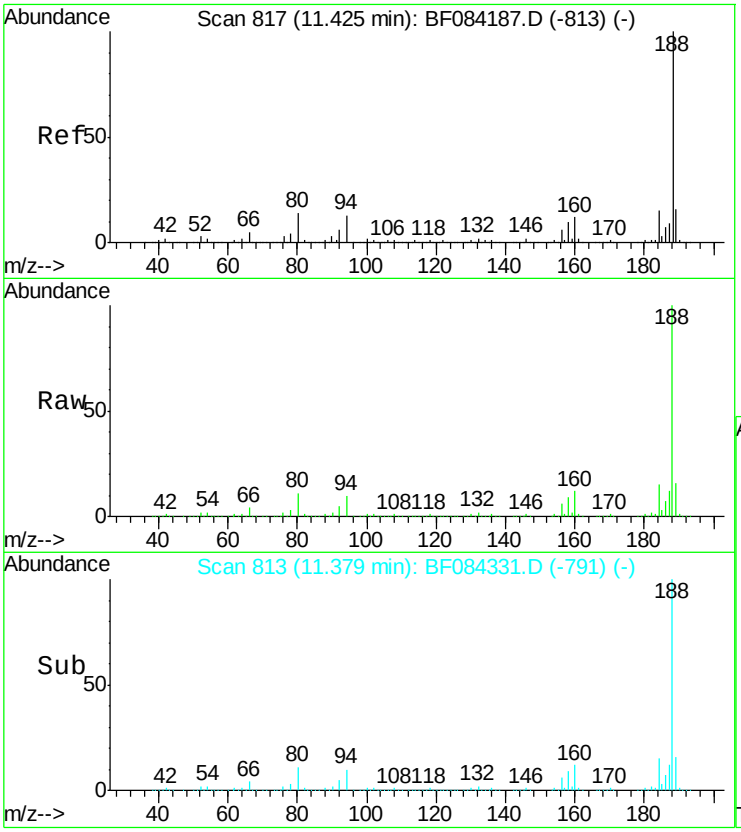


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:165 Resp: 63190

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#



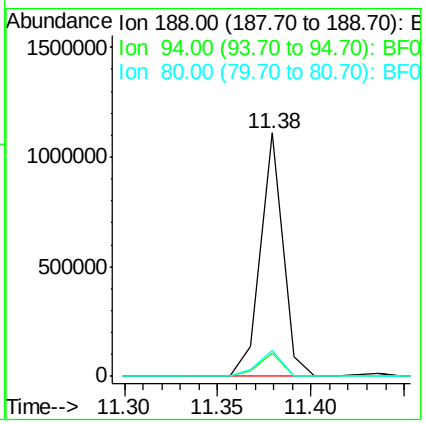


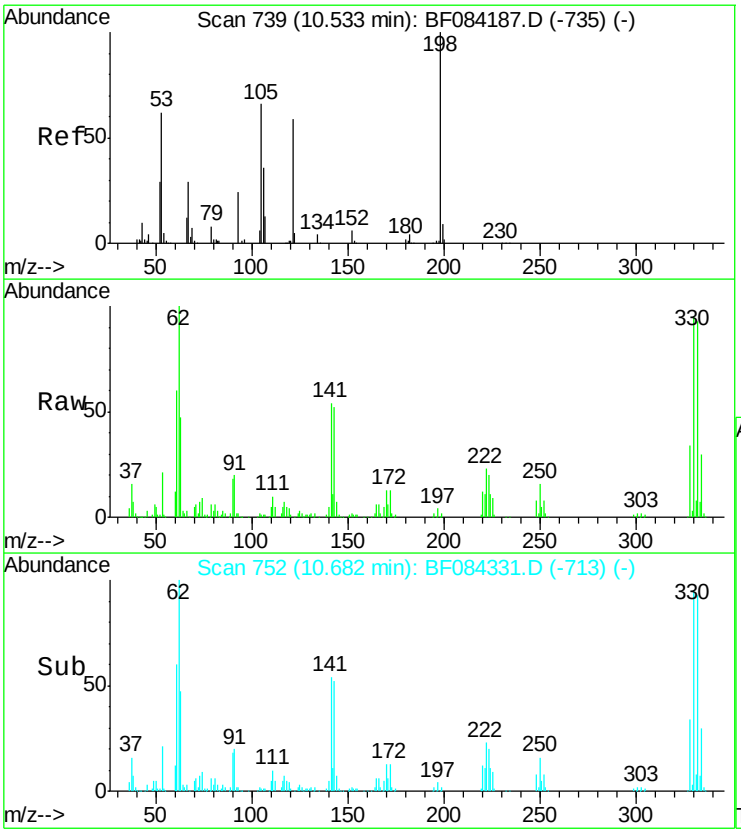
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:188 Resp: 926072

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.6	9.6	14.4

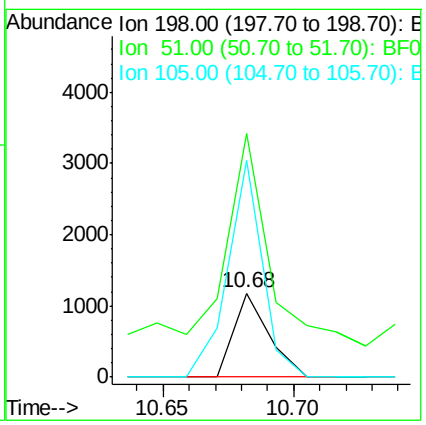


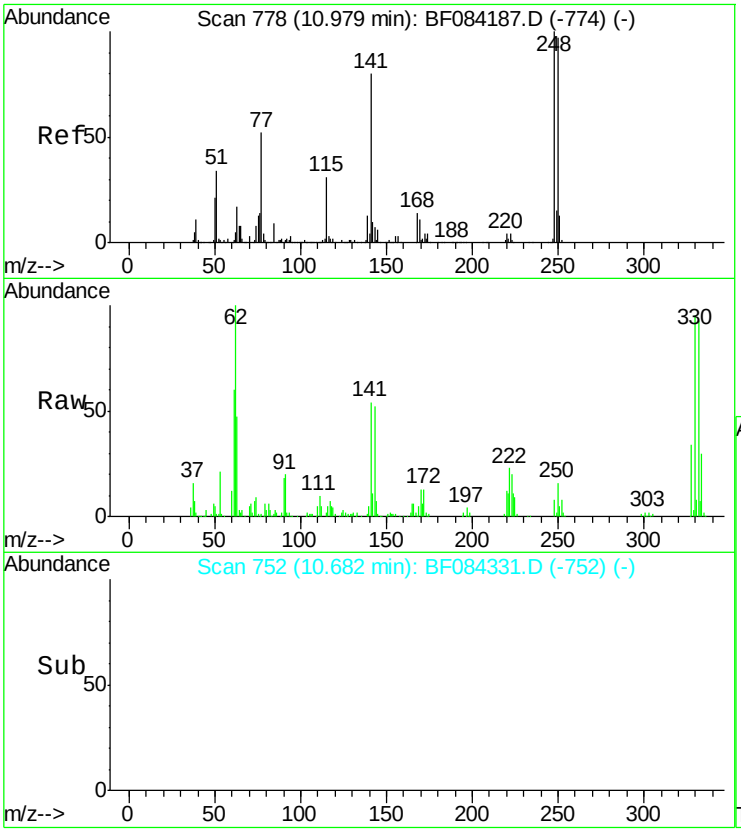


#64
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:198 Resp: 1096

Ion	Ratio	Lower	Upper
198	100		
51	289.7	18.9	58.9#
105	257.5	26.4	66.4#



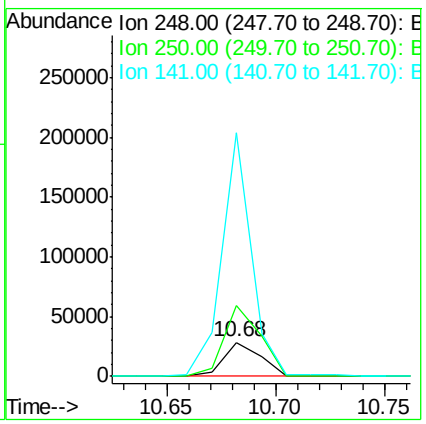


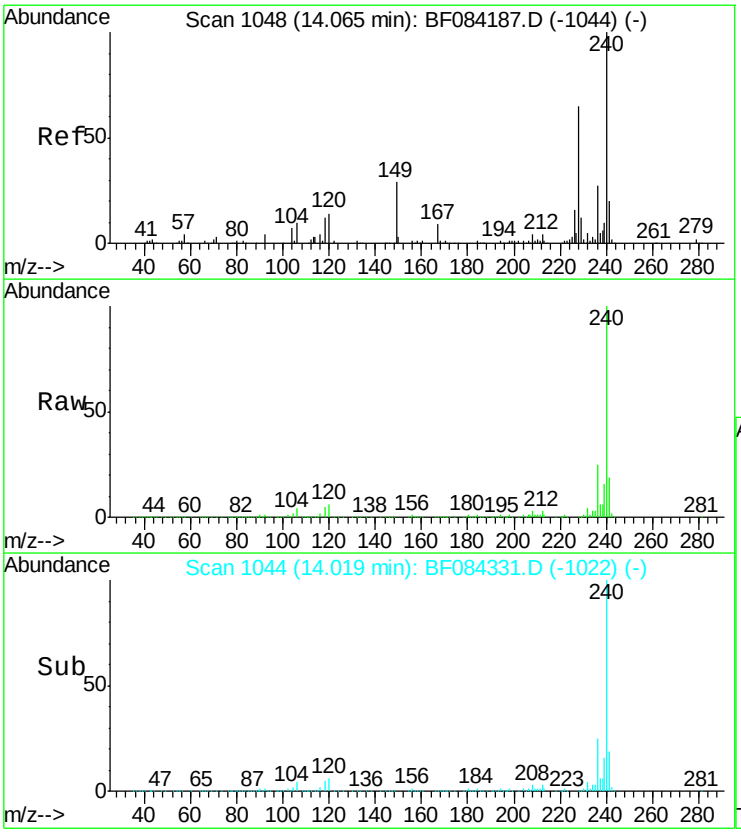
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:248 Resp: 33391

Ion	Ratio	Lower	Upper
248	100		
250	207.1	78.4	117.6#
141	711.2	44.0	66.0#

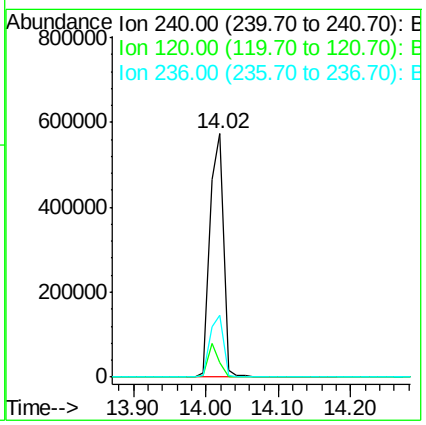


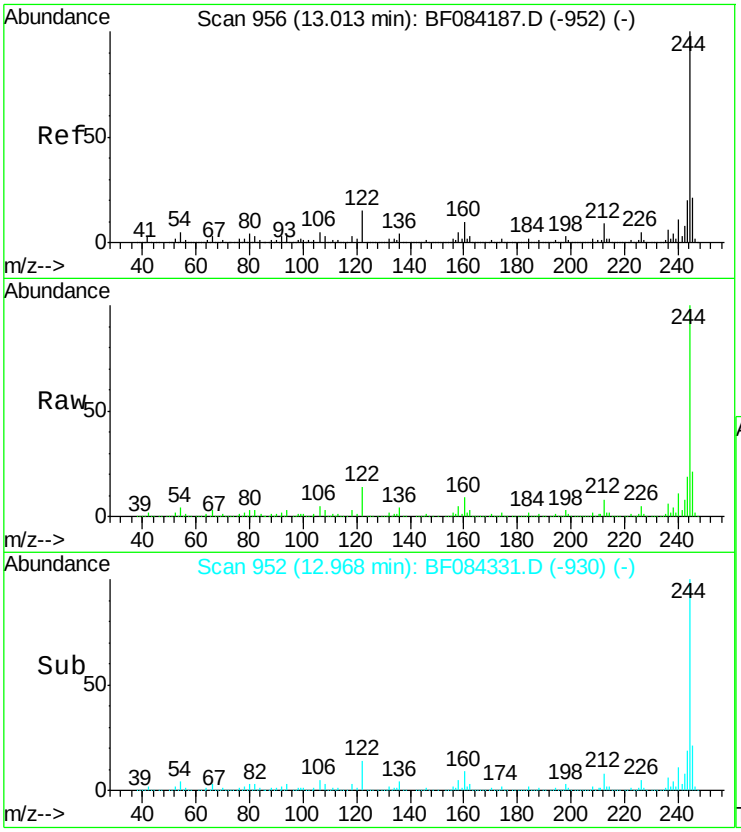


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:240 Resp: 742889

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



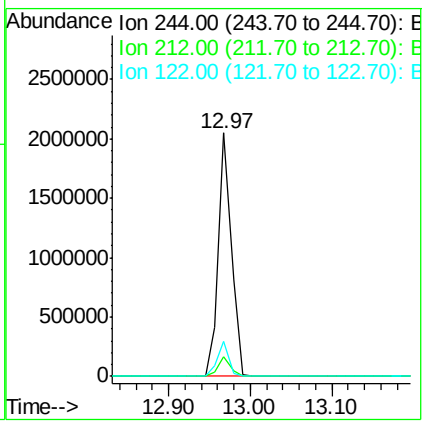


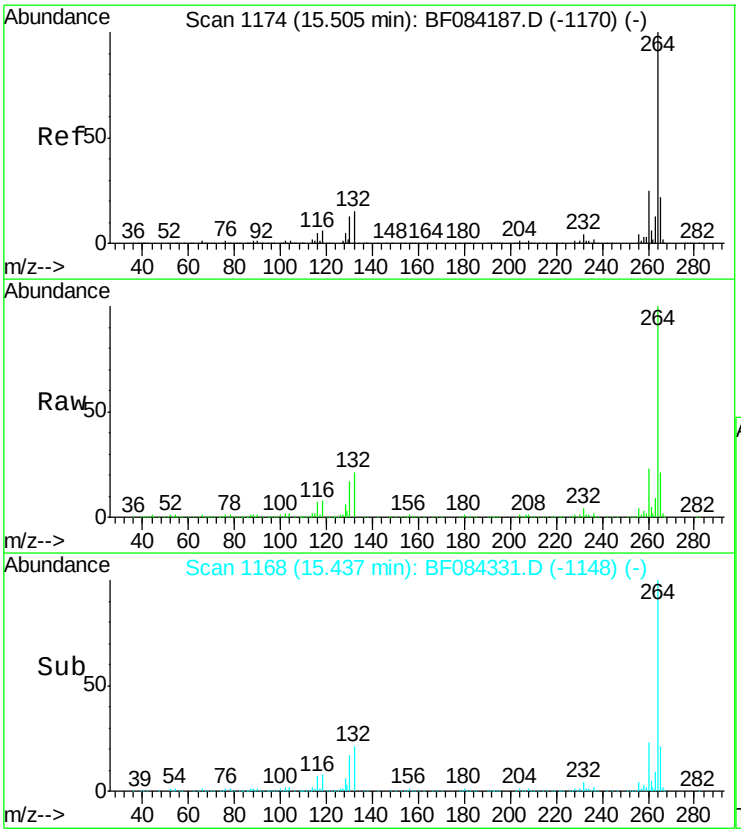
#78
Terphenyl-d14
Concen: 68.22 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Instrument :
BNA_F
ClientSampleId :
PB87699BL

Tgt Ion:244 Resp: 2270462

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: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084331.D
Acq: 8 Jan 2016 16:46

Tgt Ion:264 Resp: 519370

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.2	17.8	26.6