Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084328.D
Acq On : 8 Jan 2016 15:22
Operator : SJ/UM
Sample : PB87668BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87668BL

Quant Time: Jan 08 22:12:30 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	251300	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1075534	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	485333	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	921537	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	780445	20.00	ng	-0.05
86) Perylene-d12	15.45	264	536587	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1216192	78.28	ng	-0.02
7) Phenol-d6	6.50	99	1684526	86.33	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1541350	79.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	360184	73.51	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2169174	78.11	ng	-0.05
78) Terphenyl-d14	12.97	244	2287953	65.44	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	217268	16.45	ng	# 74
32) Benzoic acid	8.14	122	212	6.26	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	63456	8.34	ng	# 37
54) Dibenzofuran	10.10	168	211	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.89	165	63461	6.59	ng	# 21
57) Fluorene	10.68	166	14892	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.68	198	596	6.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	20769	2.09	ng	# 1
73) Di-n-butylphthalate	11.95	149	4894	Below Cal		# 90

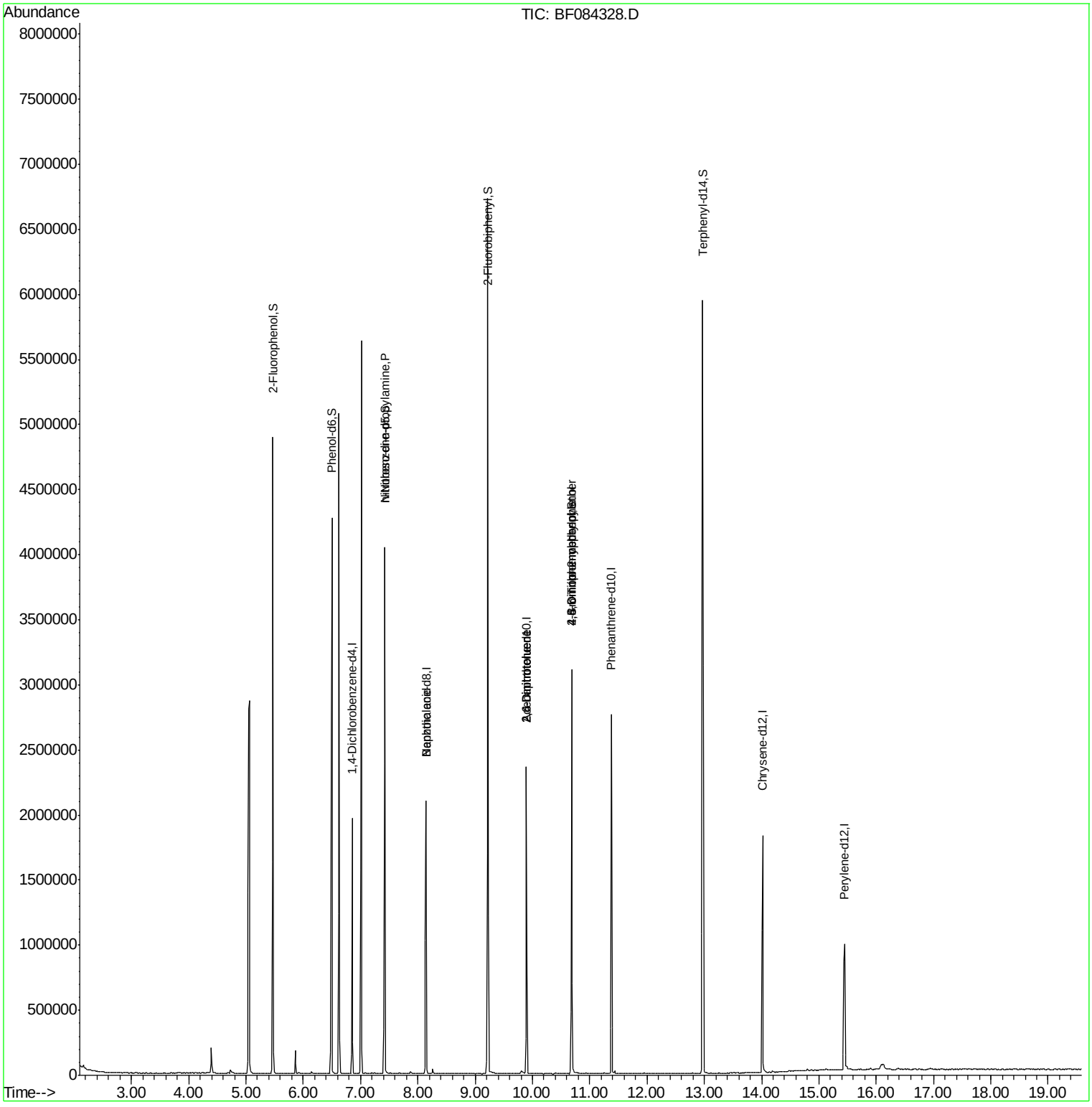
(#) = qualifier out of range (m) = manual integration (+) = signals summed

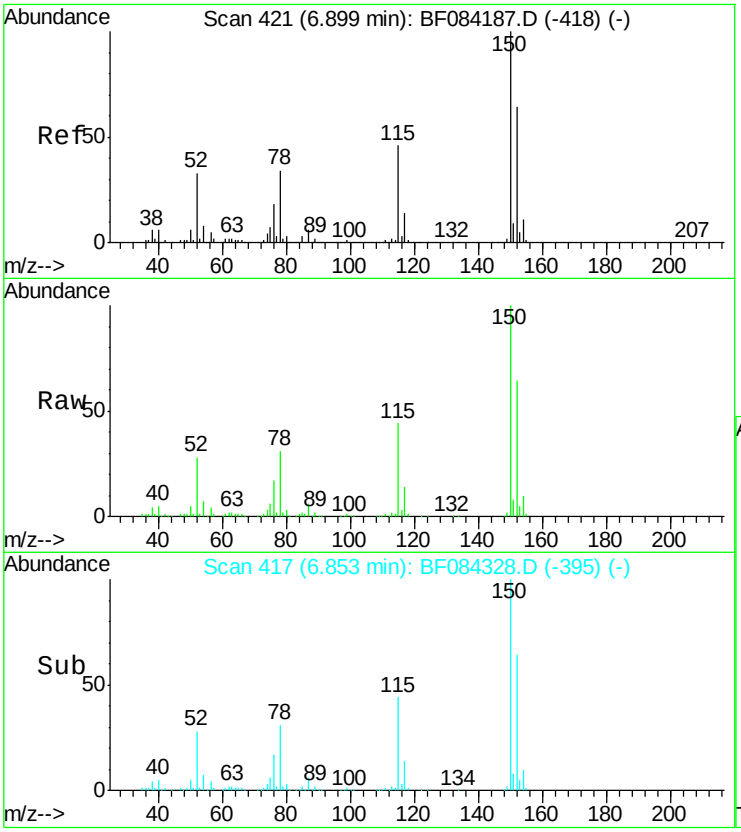
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084328.D
Acq On : 8 Jan 2016 15:22
Operator : SJ/UM
Sample : PB87668BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Quant Time: Jan 08 22:12:30 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



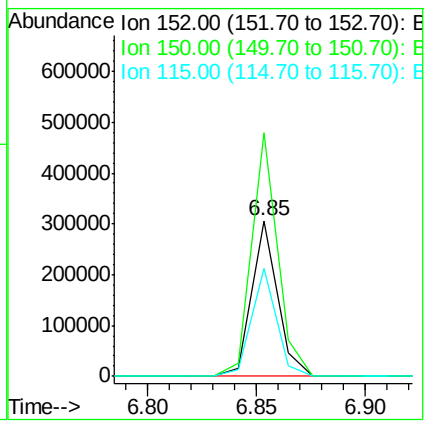


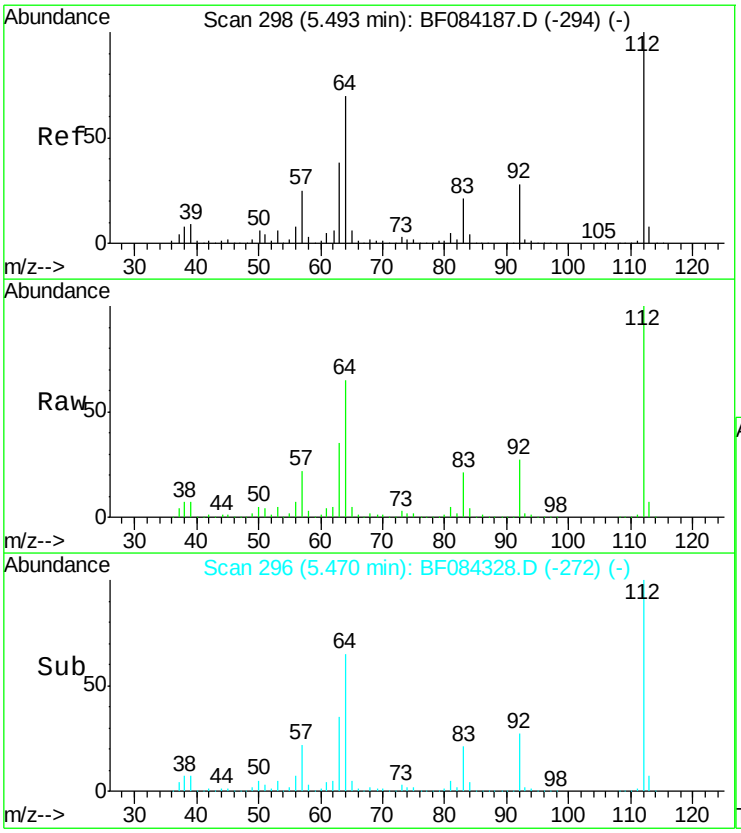
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:152 Resp: 251300

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.0	184.4
115	69.4	51.4	77.2

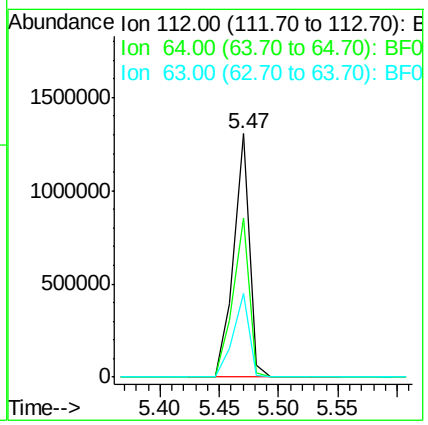


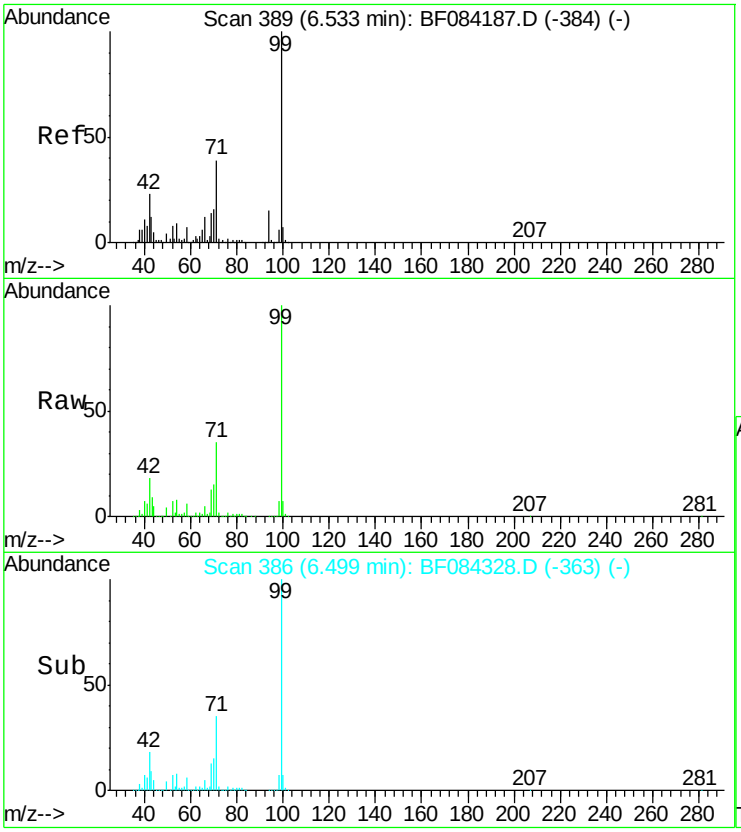


#5
2-Fluorophenol
Concen: 78.28 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:112 Resp: 1216192

Ion	Ratio	Lower	Upper
112	100		
64	65.1	36.6	55.0#
63	34.6	19.4	29.0#



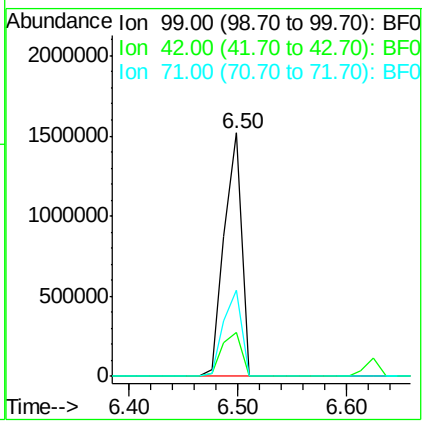


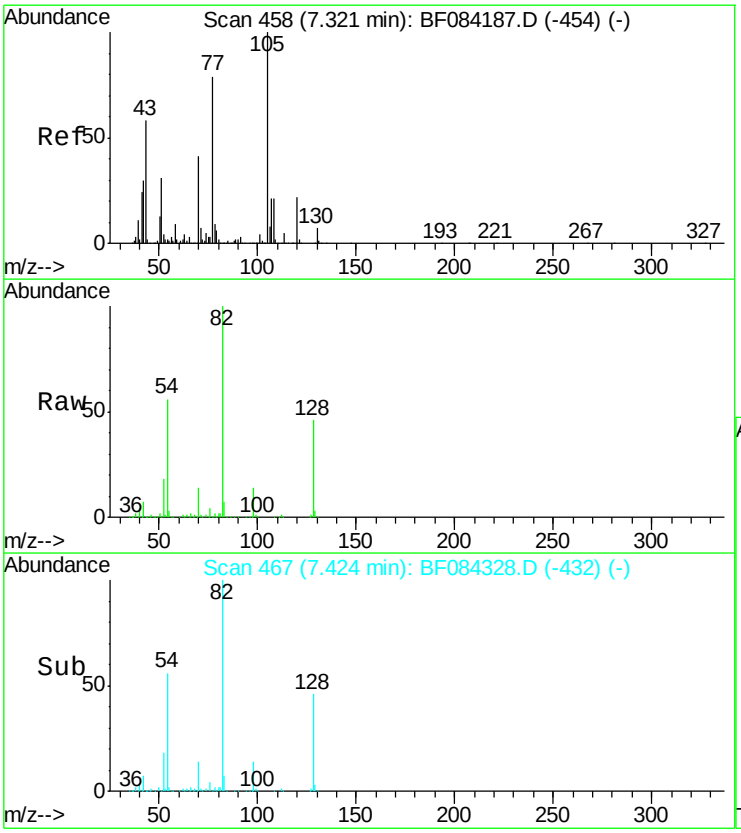
#7
Phenol-d6
Concen: 86.33 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion: 99 Resp: 1684526

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.8	19.2
71	35.4	30.9	46.3

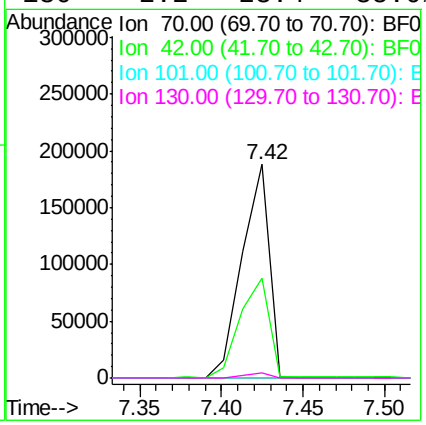


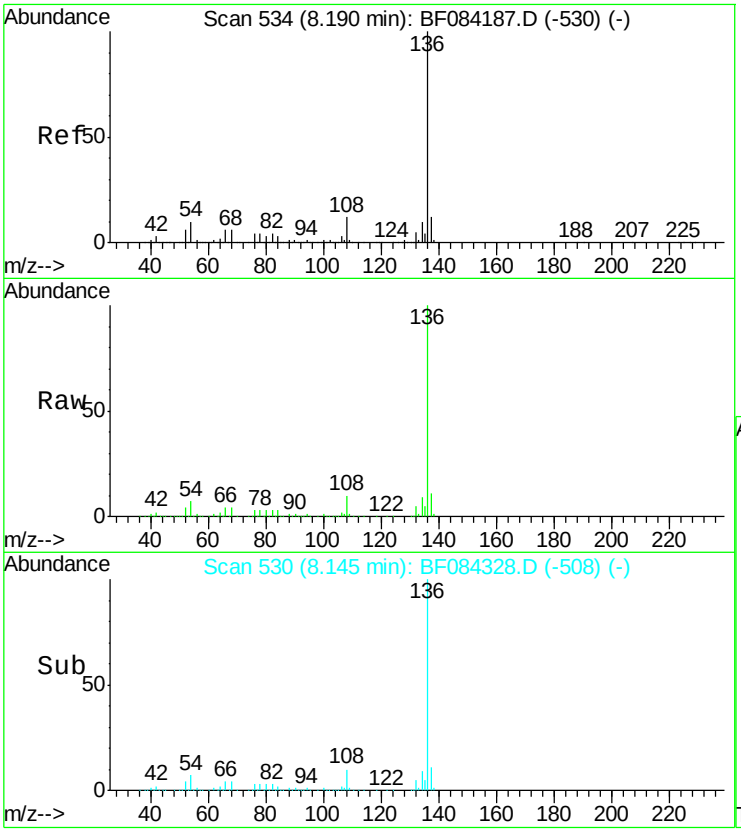


#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion: 70 Resp: 217268

Ion	Ratio	Lower	Upper
70	100		
42	47.0	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



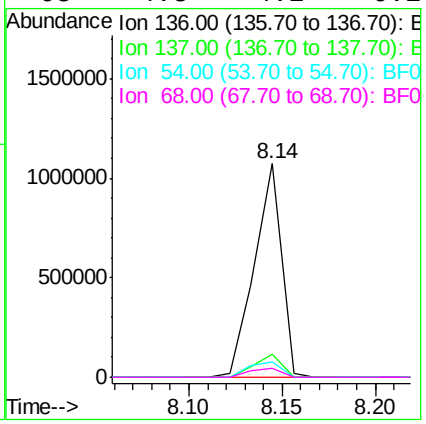


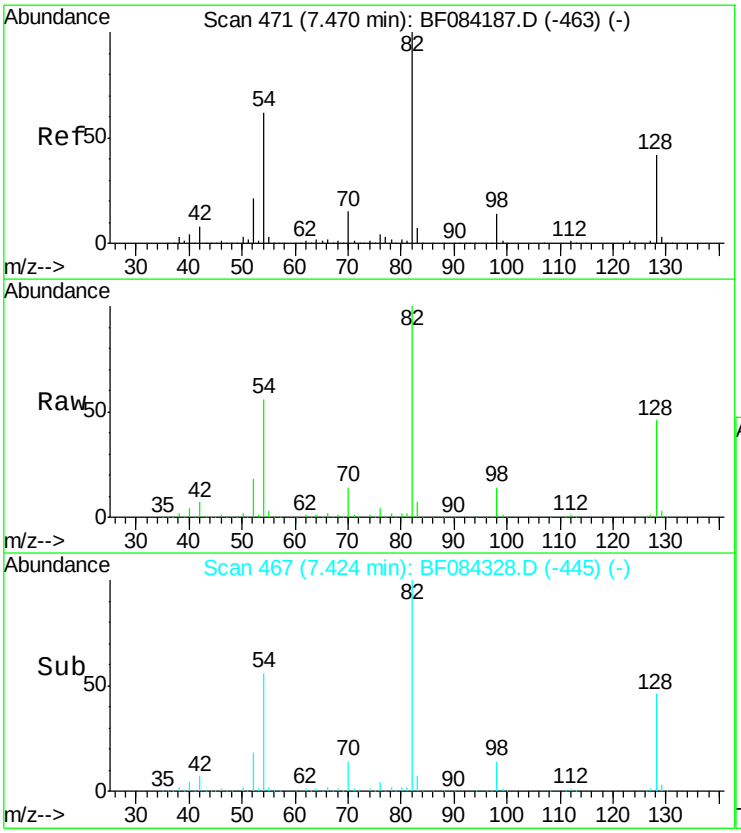
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:136 Resp: 1075534

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.5	5.8	8.8
68	4.3	4.2	6.2

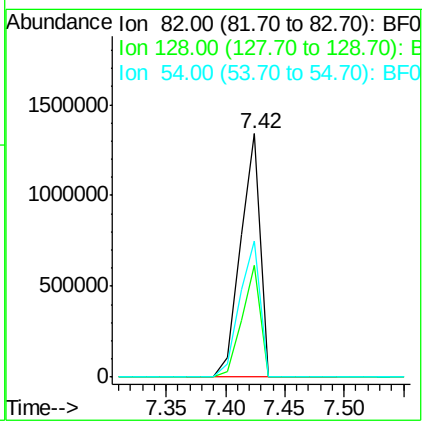


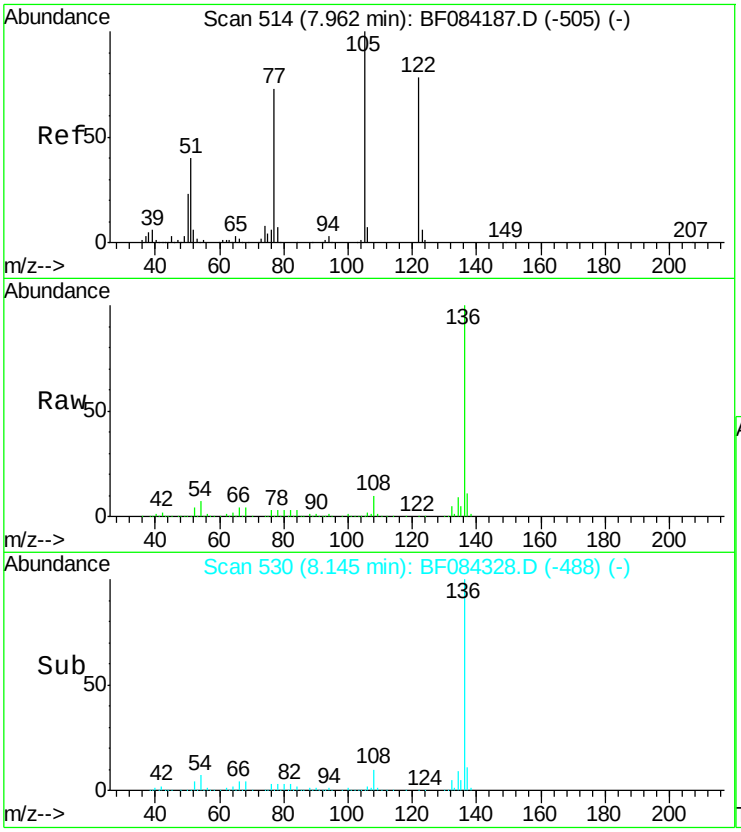


#23
Nitrobenzene-d5
Concen: 79.76 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion: 82 Resp: 1541350

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	55.8	38.4	57.6



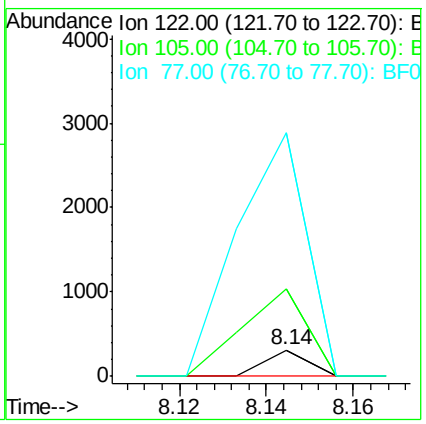


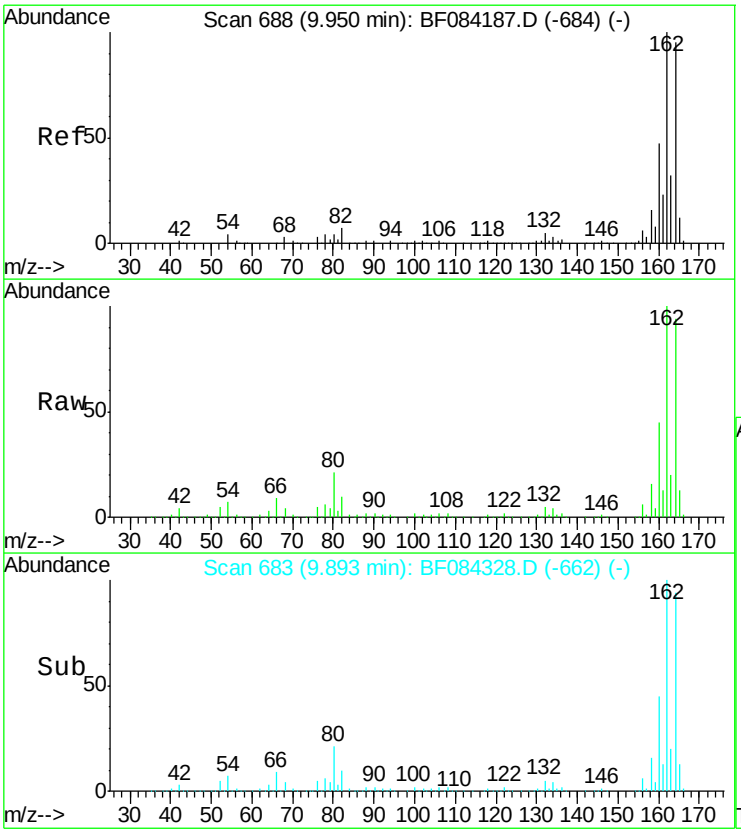
#32
Benzoic acid
Concen: 6.26 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.18 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:122 Resp: 212

Ion	Ratio	Lower	Upper
122	100		
105	333.7	100.3	140.3#
77	933.7	63.5	103.5#

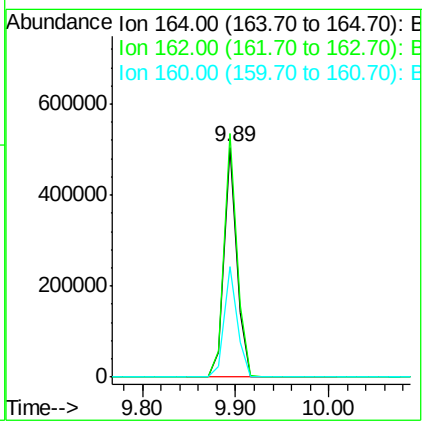


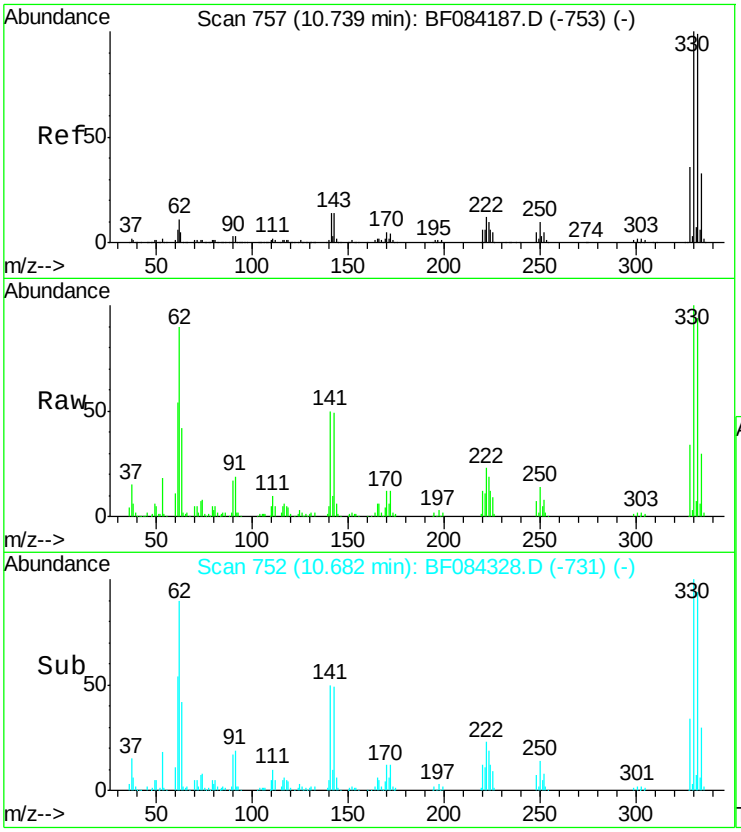


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:164 Resp: 485333

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	48.0	37.5	56.3



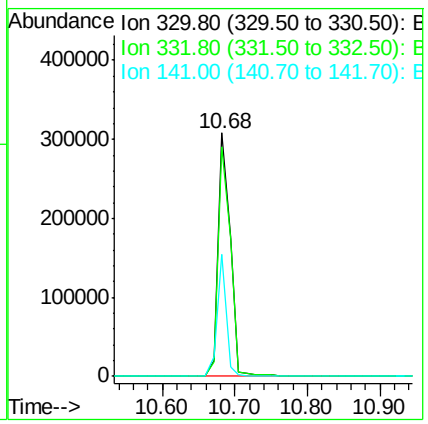


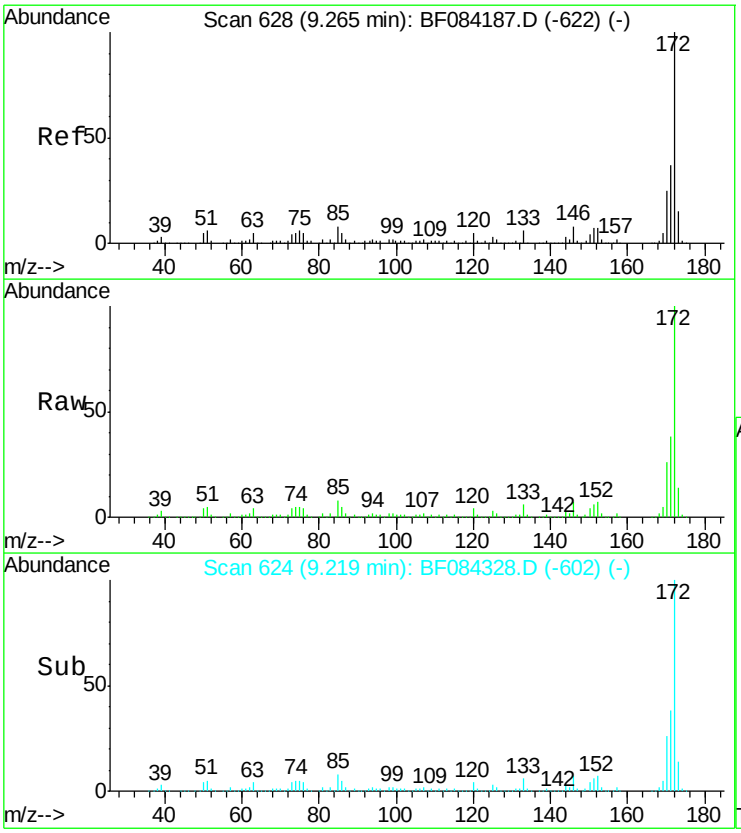
#41
2,4,6-Tribromophenol
Concen: 73.51 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:330 Resp: 360184

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	37.8	27.8	41.6

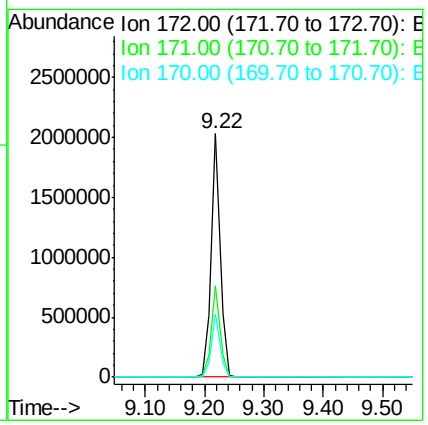


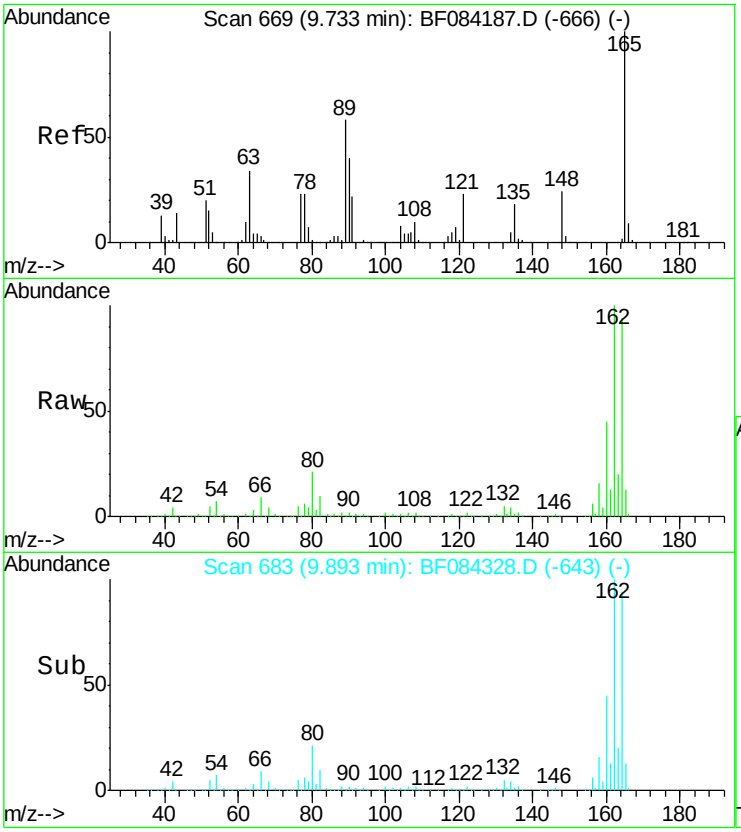


#44
2-Fluorobiphenyl
Concen: 78.11 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:172 Resp: 2169174

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.7	18.6	27.8



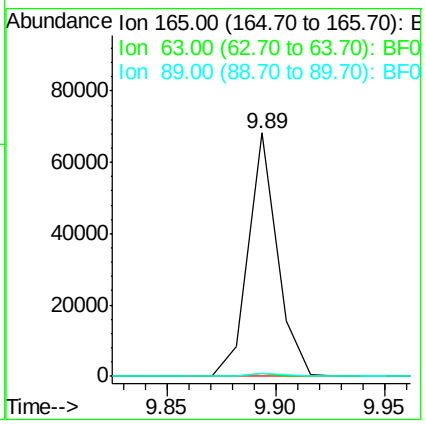


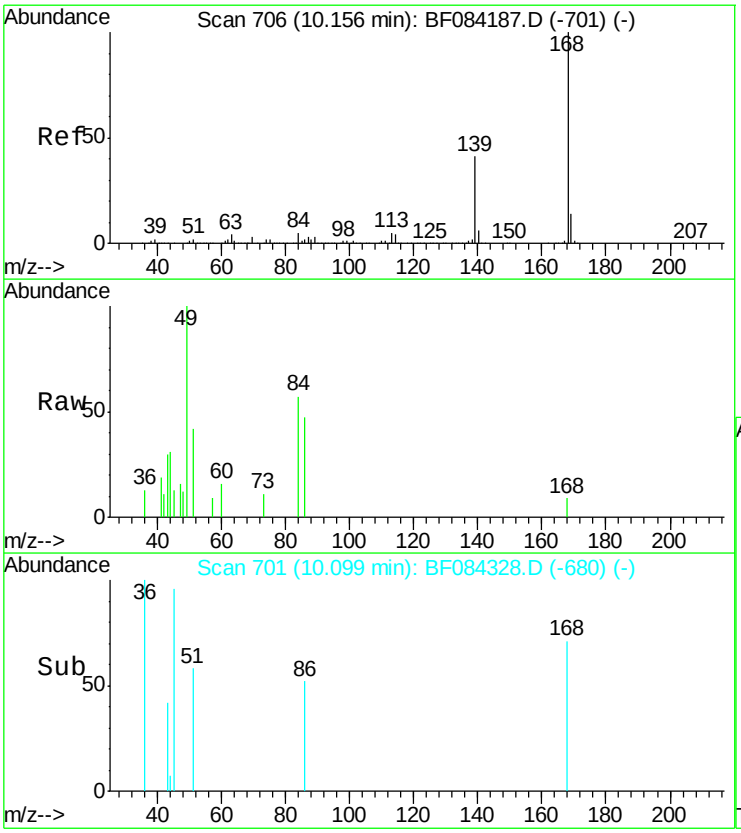
#50
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:165 Resp: 63456

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.5	35.1	52.7#

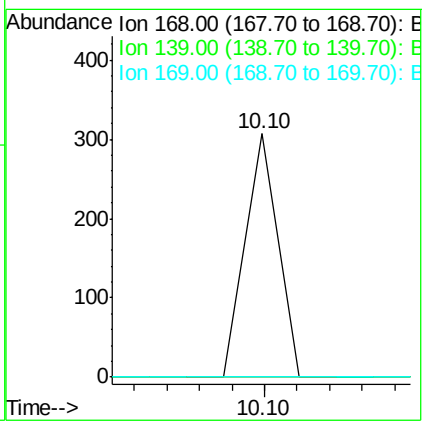


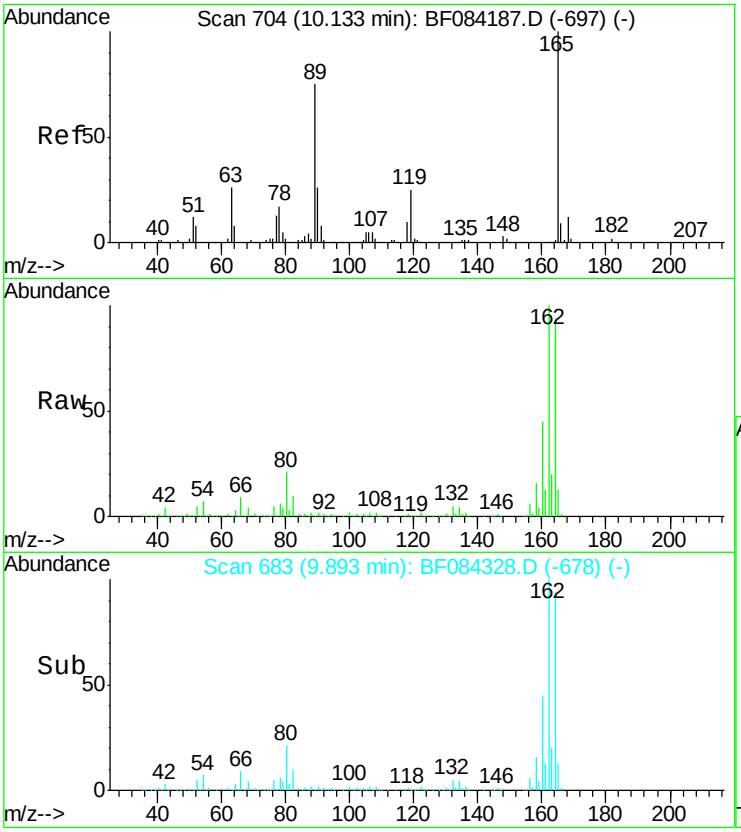


#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:168 Resp: 211

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



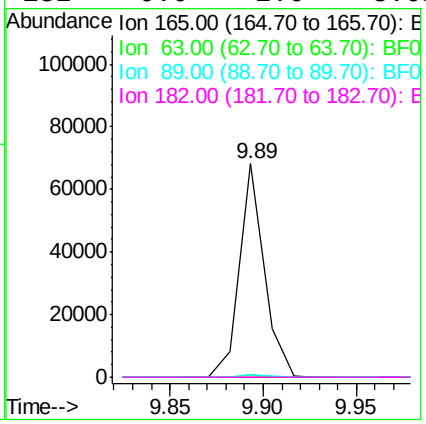


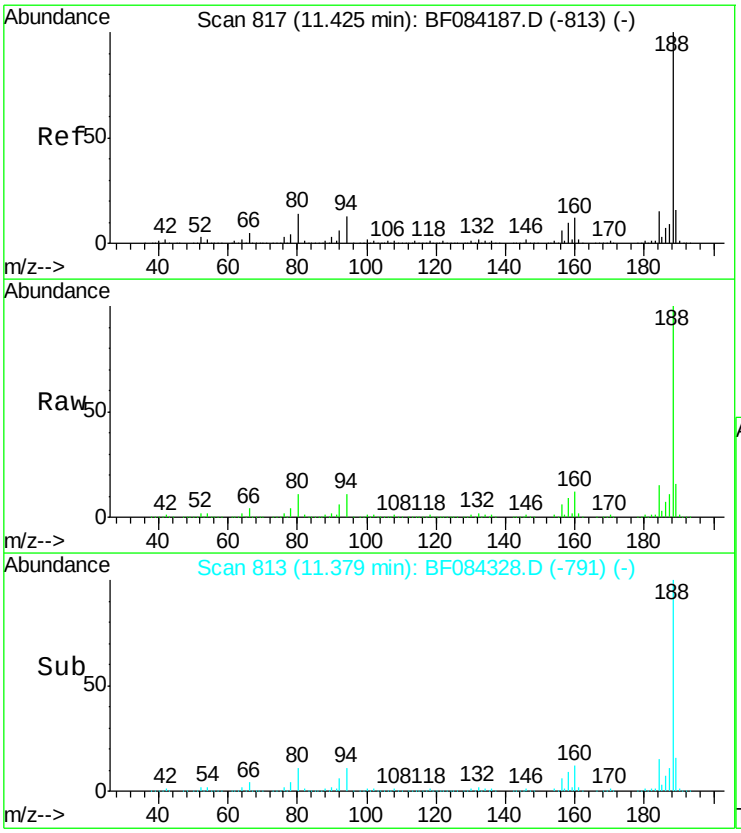
#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:165 Resp: 63461

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

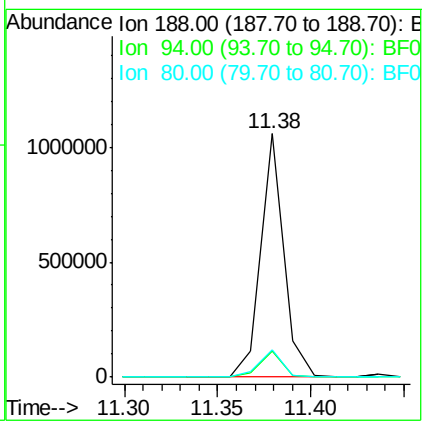


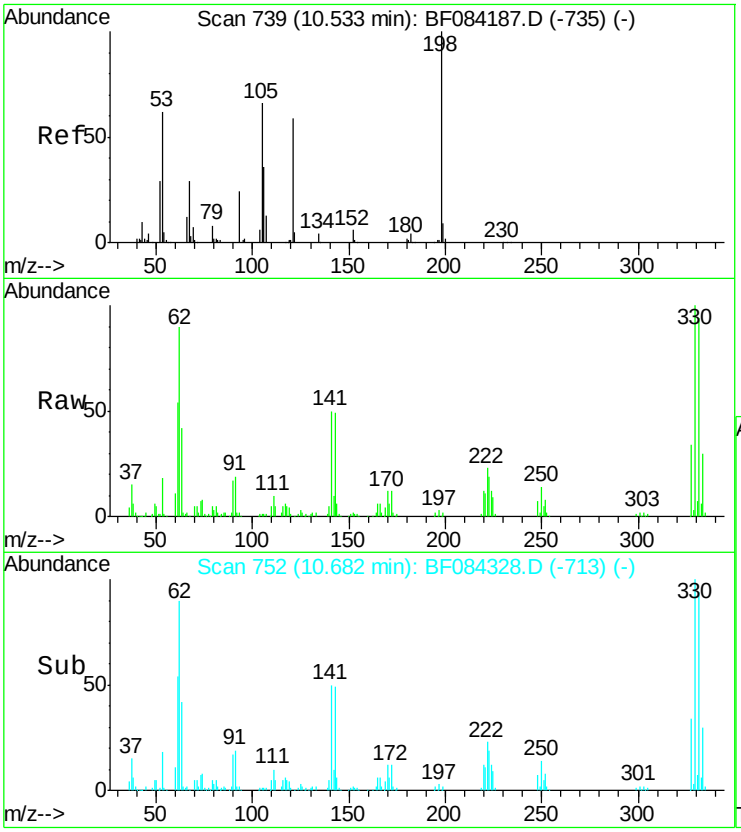


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:188 Resp: 921537

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	11.1	9.6	14.4



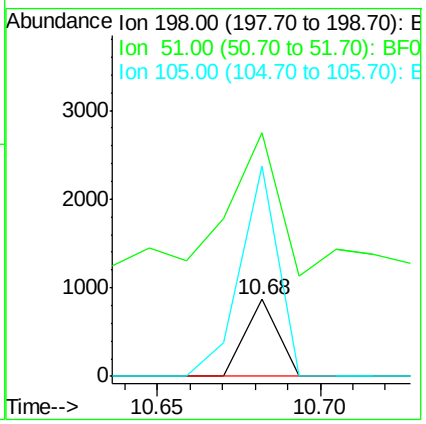


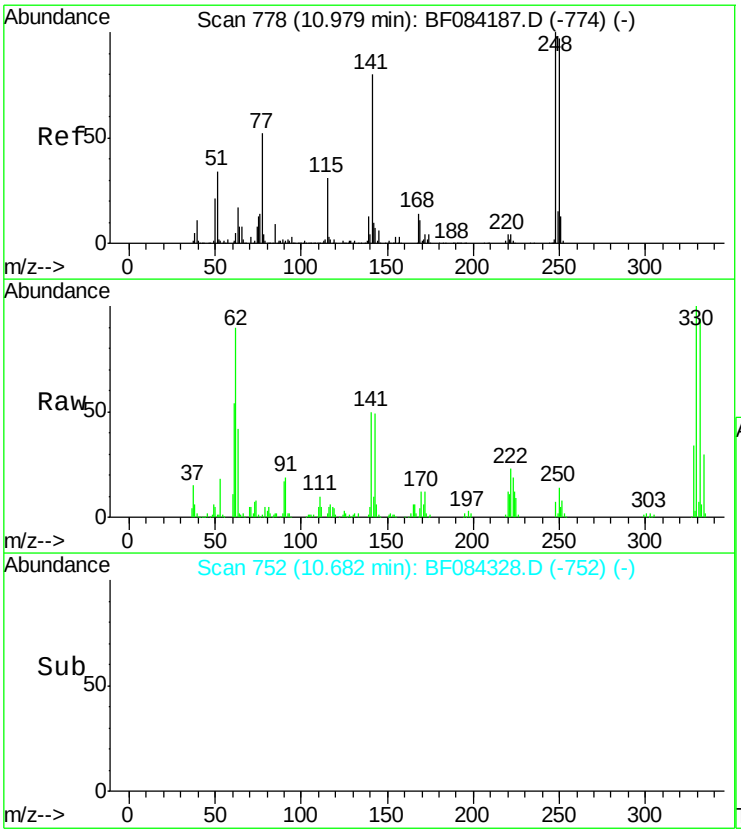
#64
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:198 Resp: 596

Ion	Ratio	Lower	Upper
198	100		
51	316.1	18.9	58.9#
105	273.8	26.4	66.4#

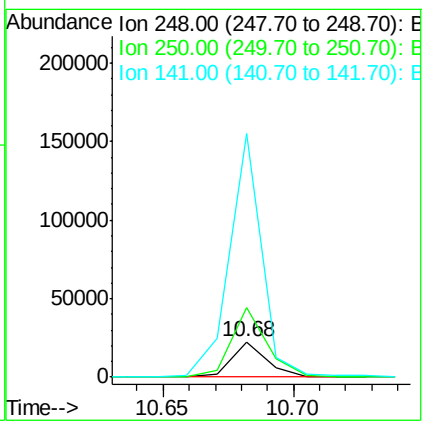


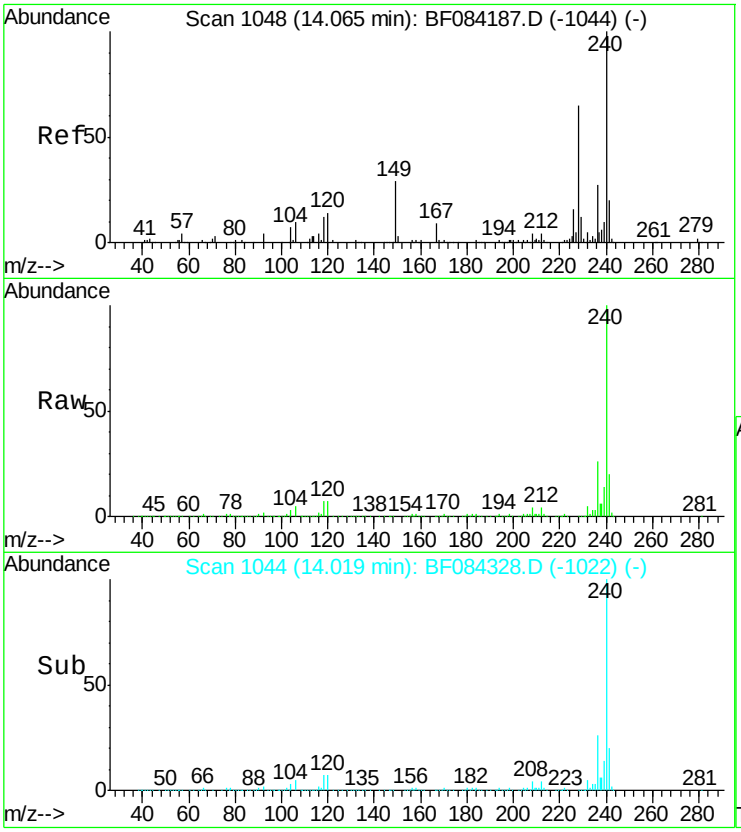


#66
4-Bromophenyl-phenylether
Concen: 2.09 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:248 Resp: 20769

Ion	Ratio	Lower	Upper
248	100		
250	194.5	78.4	117.6#
141	685.0	44.0	66.0#



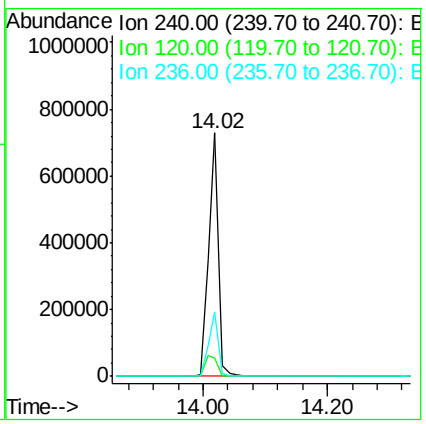


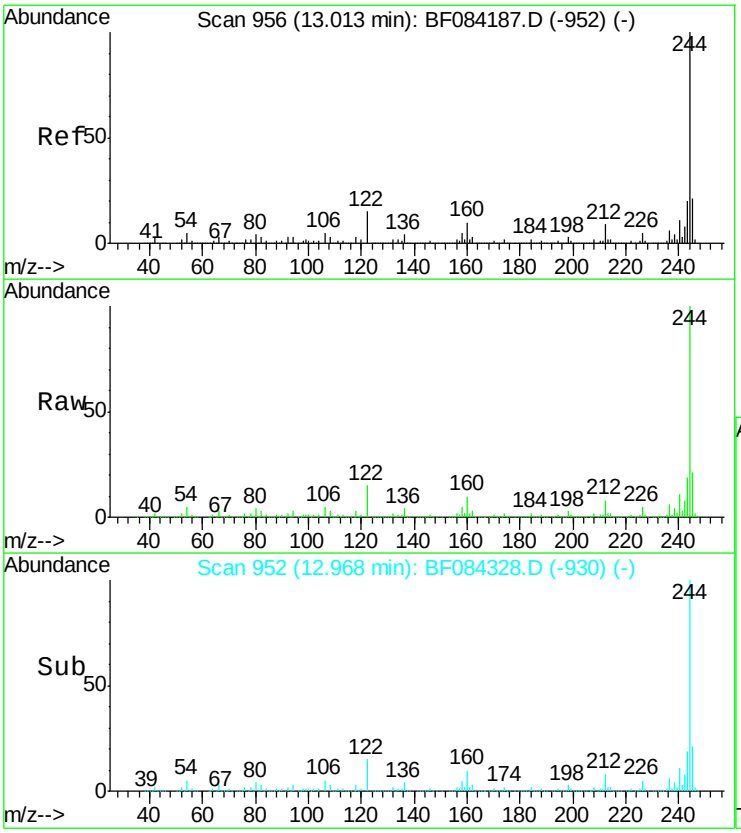
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:240 Resp: 780445

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.5	14.3#
236	26.2	20.6	31.0

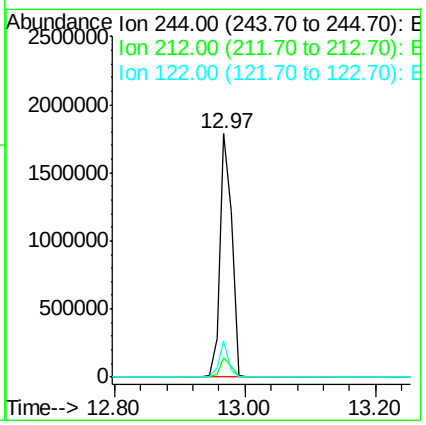


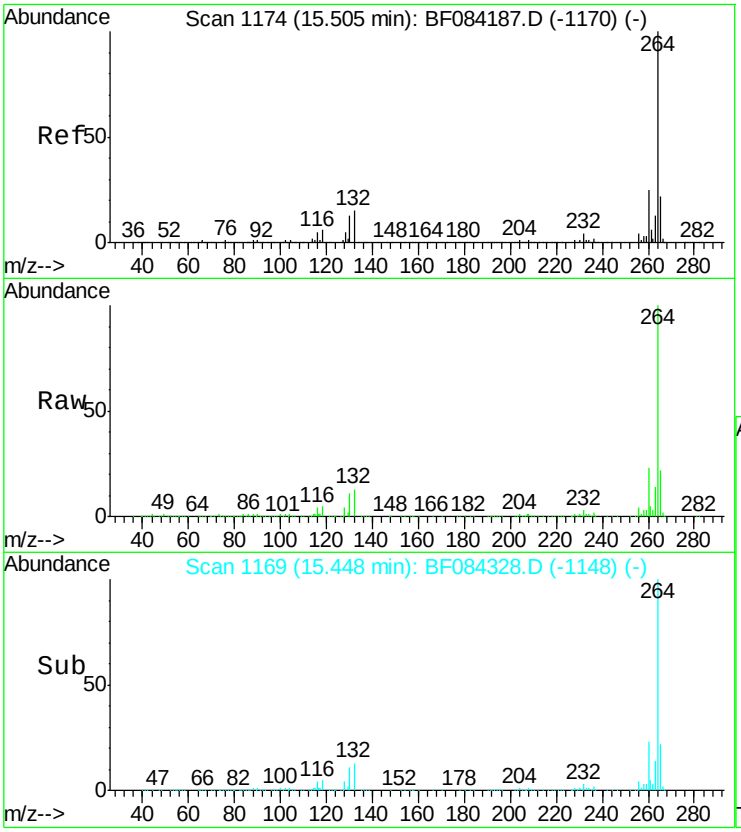


#78
Terphenyl-d14
Concen: 65.44 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:244 Resp: 2287953

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	15.0	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: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB87668BL

Tgt Ion:264 Resp: 536587

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.7	17.8	26.6