Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
Data File : BF084308.D
Acq On : 7 Jan 2016 16:33
Operator : SJ/UM
Sample : H1028-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW002

Quant Time: Jan 08 00:03:42 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	6.86	152	237112	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1046654	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	467098	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	866244	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	681573	20.00	ng	-0.05
86) Perylene-d12	15.45	264	536520	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1984261	135.36	ng	-0.01
7) Phenol-d6	6.52	99	2895448	157.27	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1693661	90.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	679208	144.03	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2468277	93.60	ng	-0.03
78) Terphenyl-d14	12.98	244	2383997	78.08	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	248724	19.96	ng	# 70
49) Dimethylphthalate	9.63	163	406973	12.19	ng	# 90
54) Dibenzofuran	10.11	168	488	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.90	165	59649	6.44	ng	# 22
57) Fluorene	10.69	166	24446	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.69	198	1888	6.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	38951	4.18	ng	# 1
73) Di-n-butylphthalate	11.95	149	15983	Below Cal		# 95

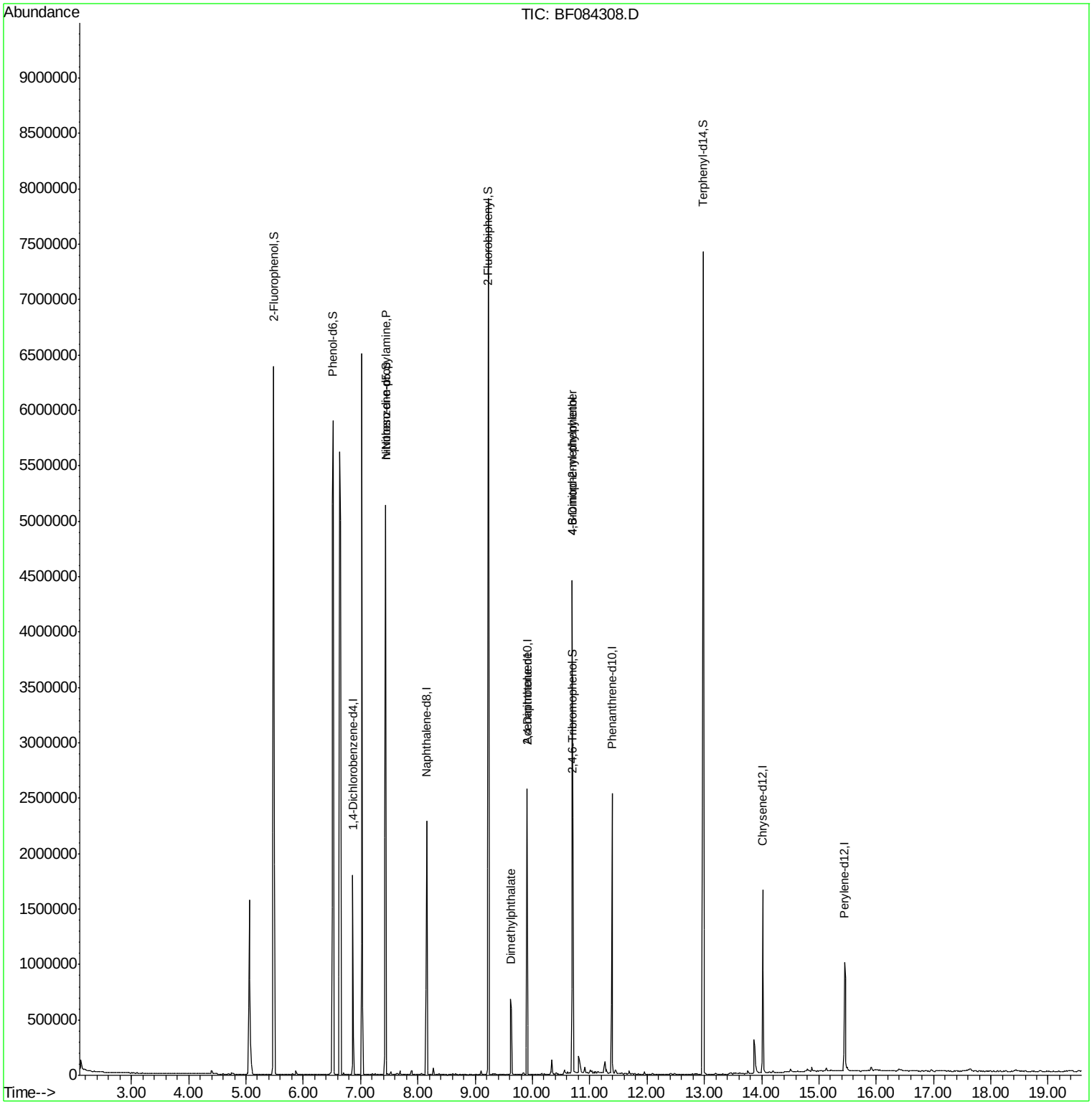
(#) = qualifier out of range (m) = manual integration (+) = signals summed

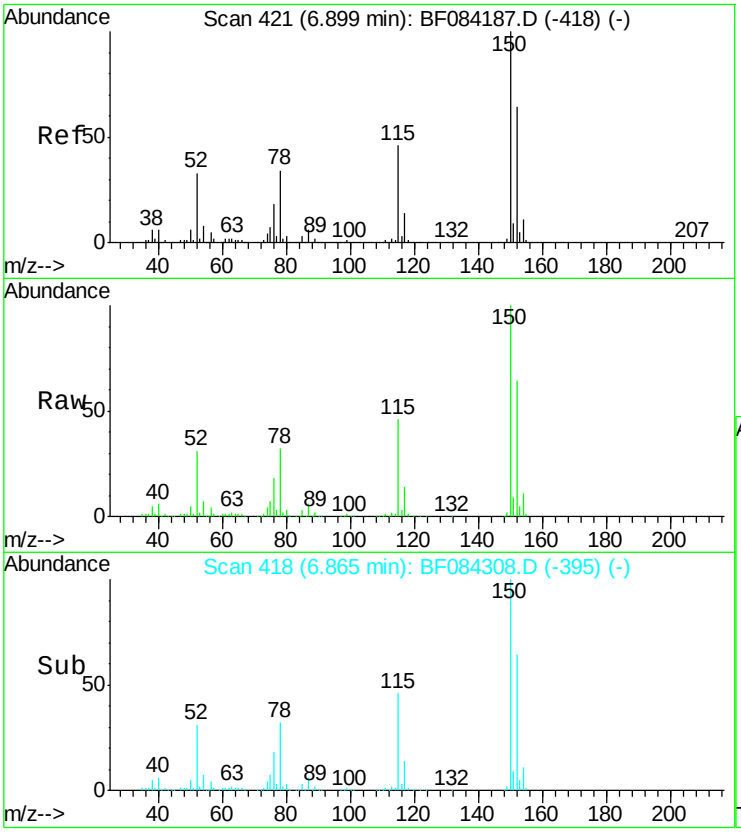
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
Data File : BF084308.D
Acq On : 7 Jan 2016 16:33
Operator : SJ/UM
Sample : H1028-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW002

Quant Time: Jan 08 00:03:42 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



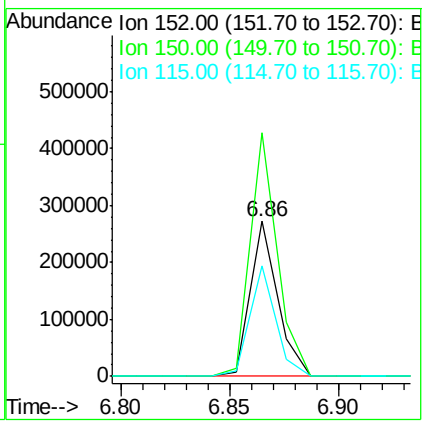


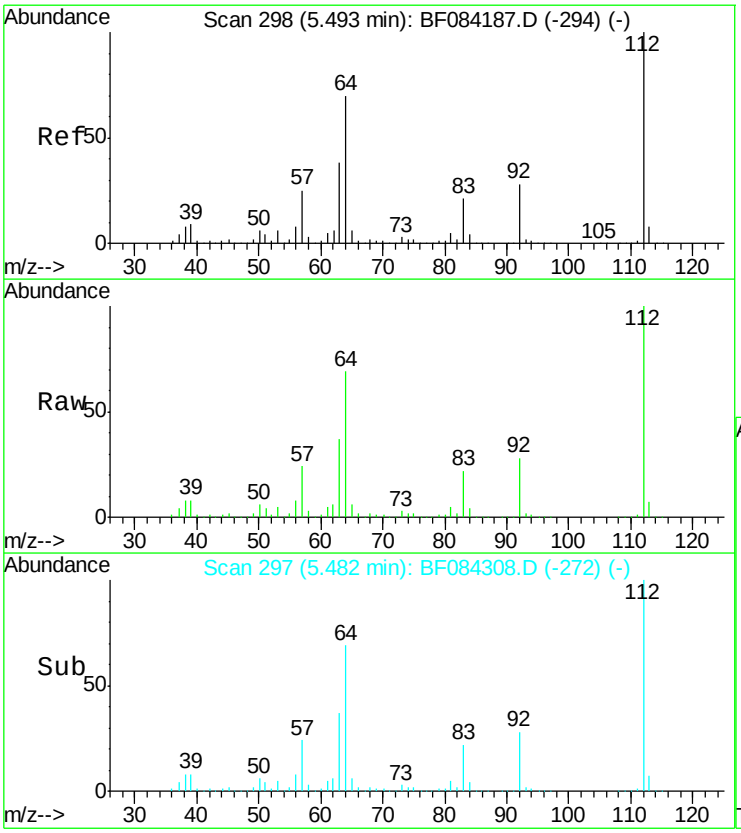
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:152 Resp: 237112

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	71.6	51.4	77.2

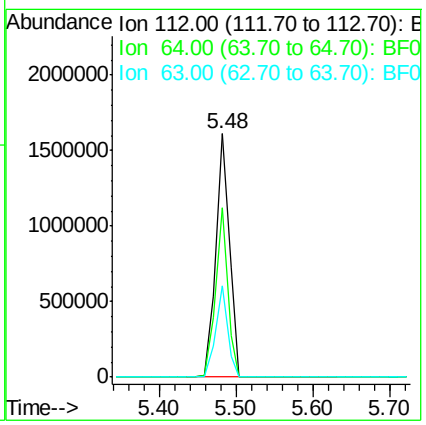


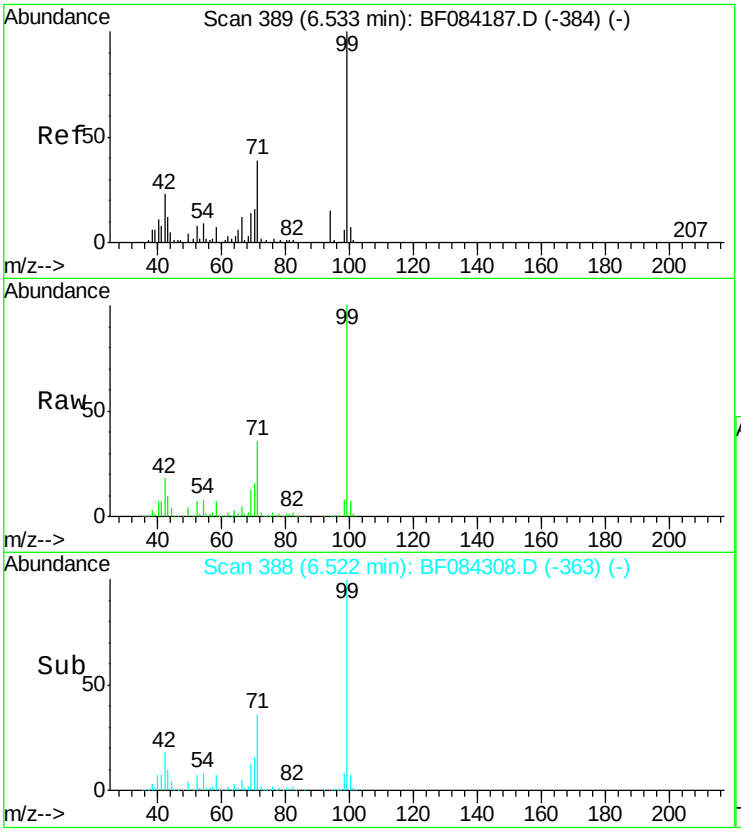


#5
2-Fluorophenol
Concen: 135.36 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:112 Resp: 1984261

Ion	Ratio	Lower	Upper
112	100		
64	69.5	36.6	55.0#
63	37.4	19.4	29.0#



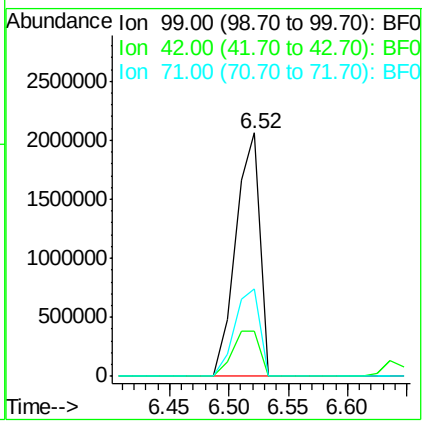


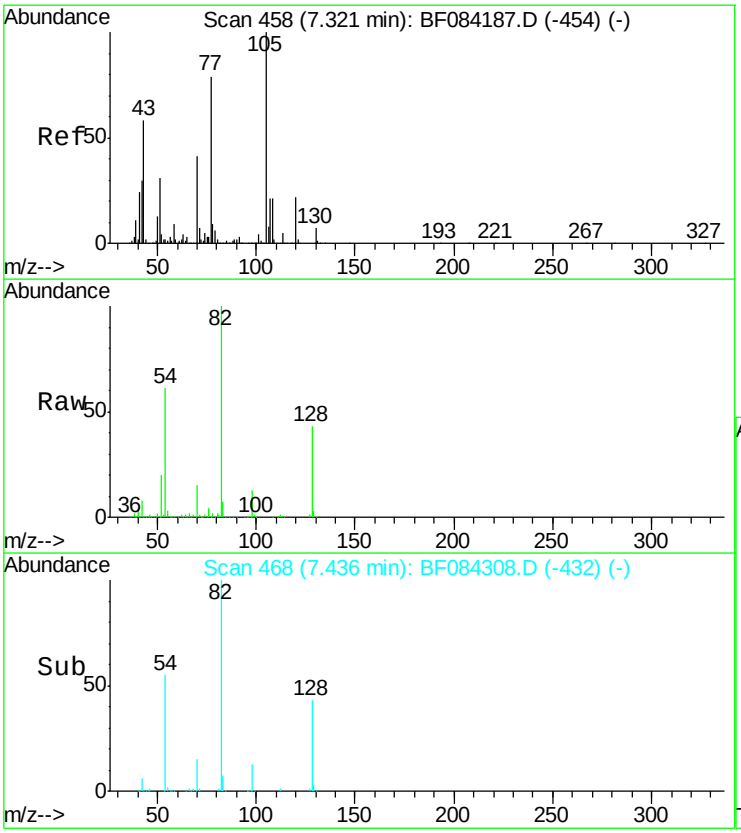
#7
Phenol-d6
Concen: 157.27 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion: 99 Resp: 2895448

Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.8	19.2
71	35.7	30.9	46.3

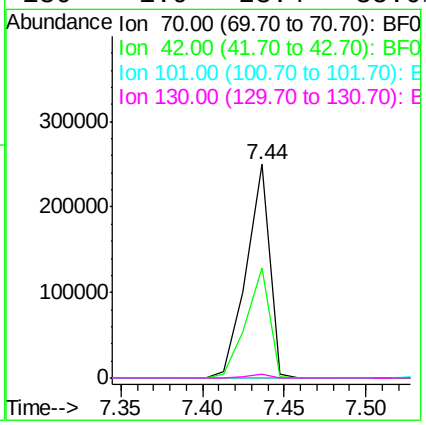


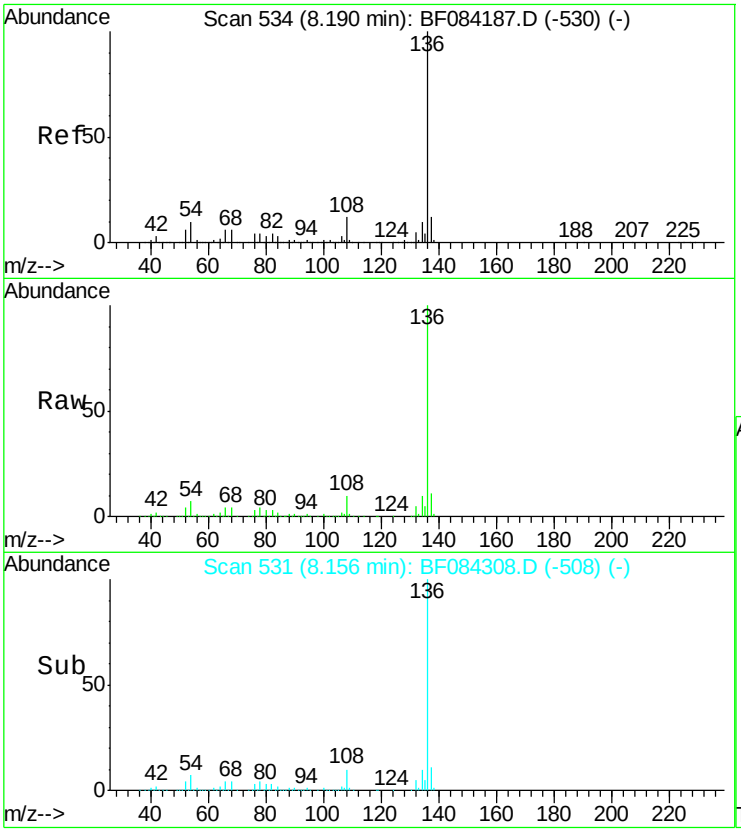


#19
n-Nitroso-di-n-propylamine
Concen: 19.96 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion: 70 Resp: 248724

Ion	Ratio	Lower	Upper
70	100		
42	51.7	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



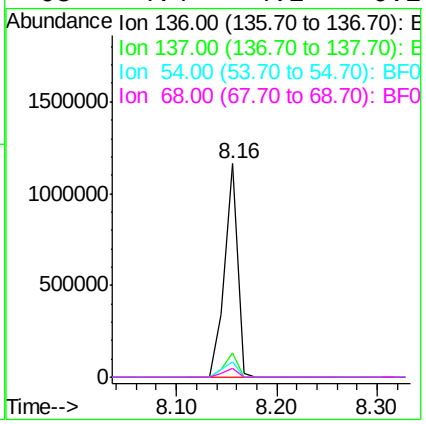


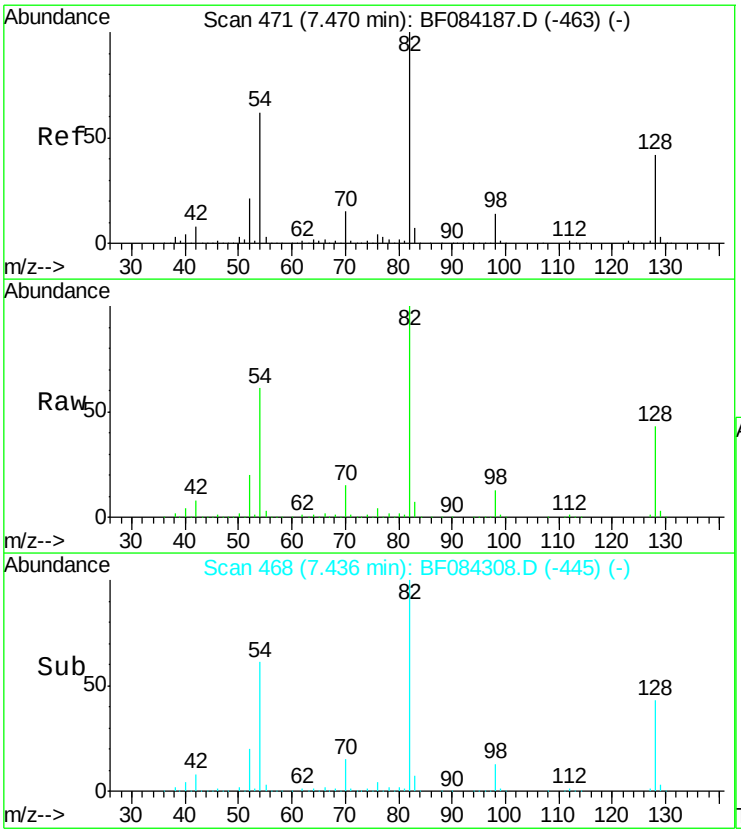
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:136 Resp: 1046654

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	5.8	8.8
68	4.4	4.2	6.2

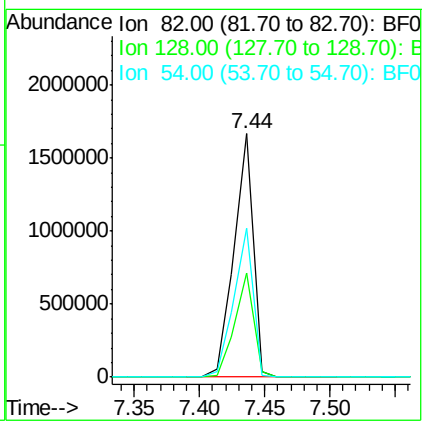


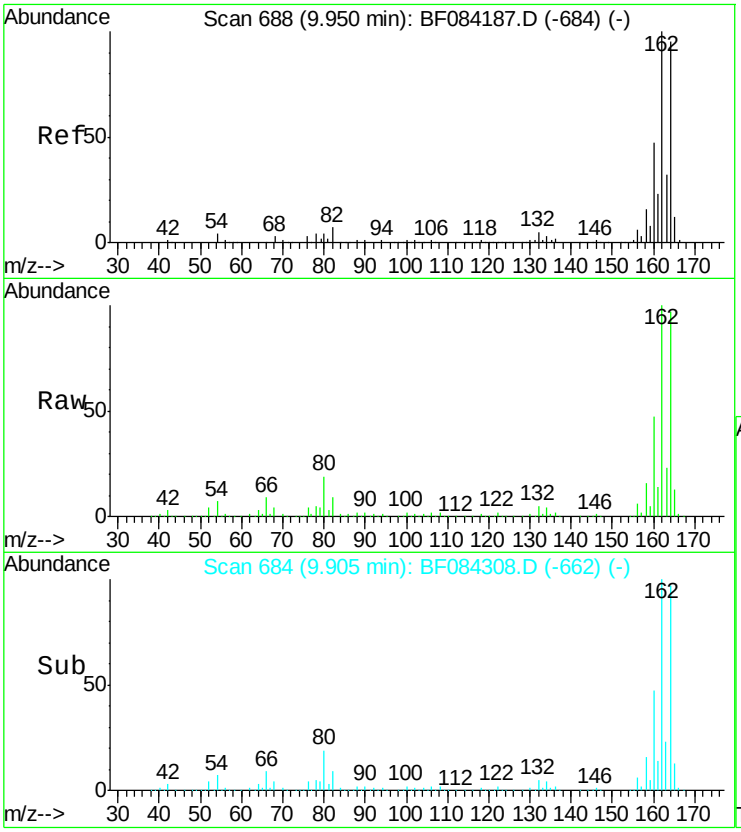


#23
Nitrobenzene-d5
Concen: 90.06 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion: 82 Resp: 1693661

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	61.0	38.4	57.6#



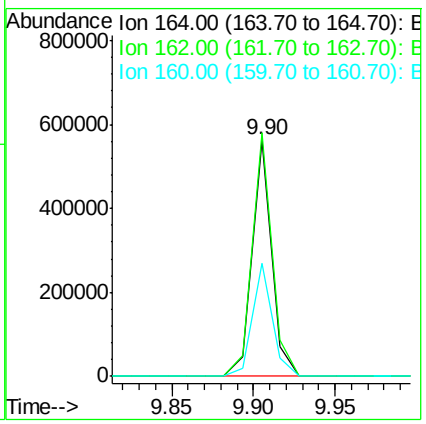


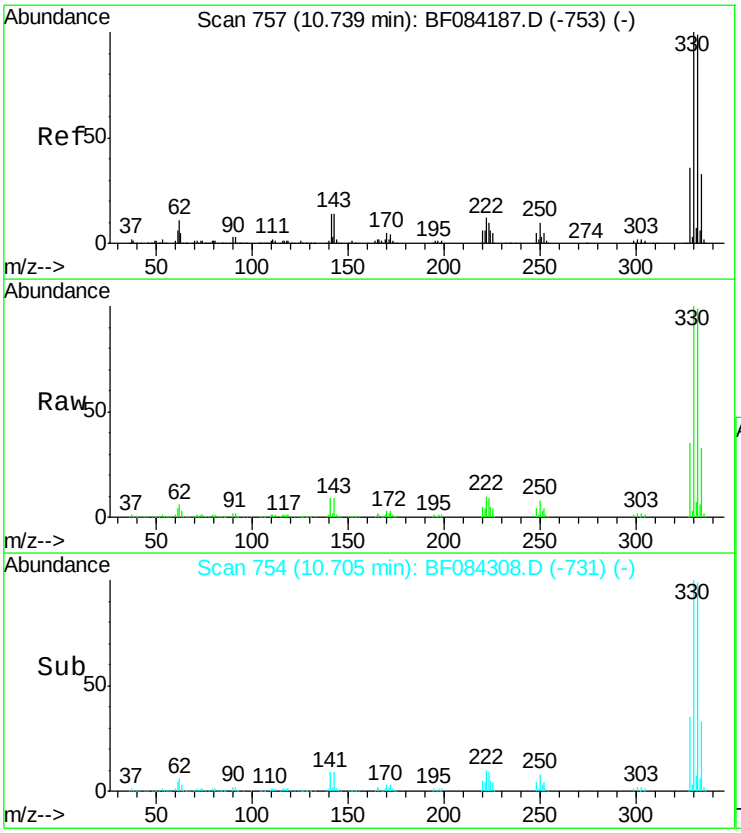
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:164 Resp: 467098

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	48.0	37.5	56.3

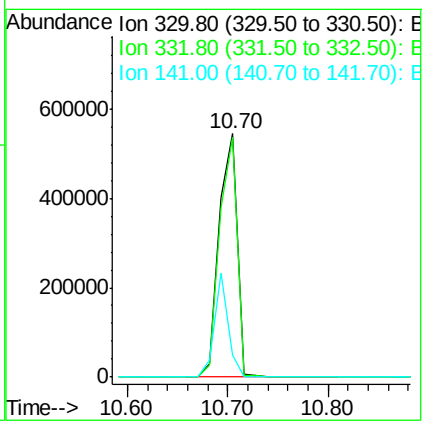


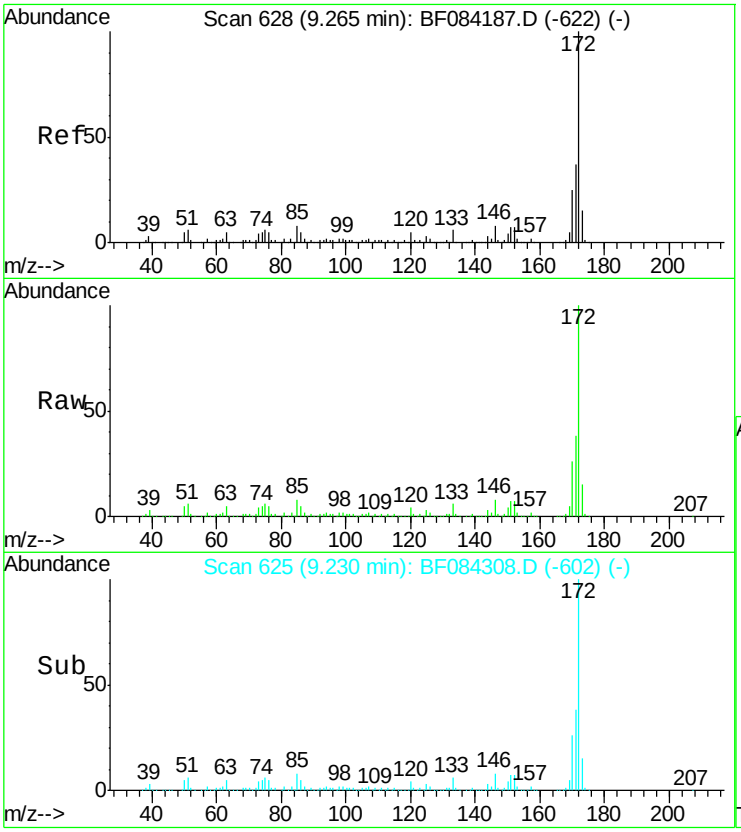


#41
2,4,6-Tribromophenol
Concen: 144.03 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:330 Resp: 679208

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	32.9	27.8	41.6



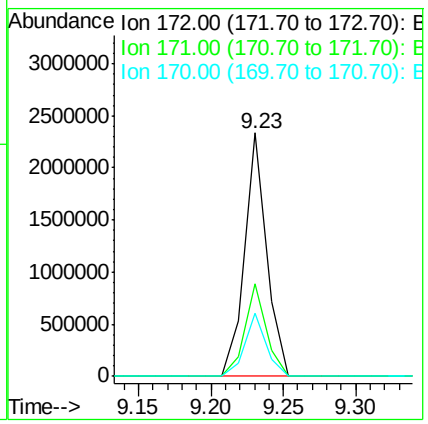


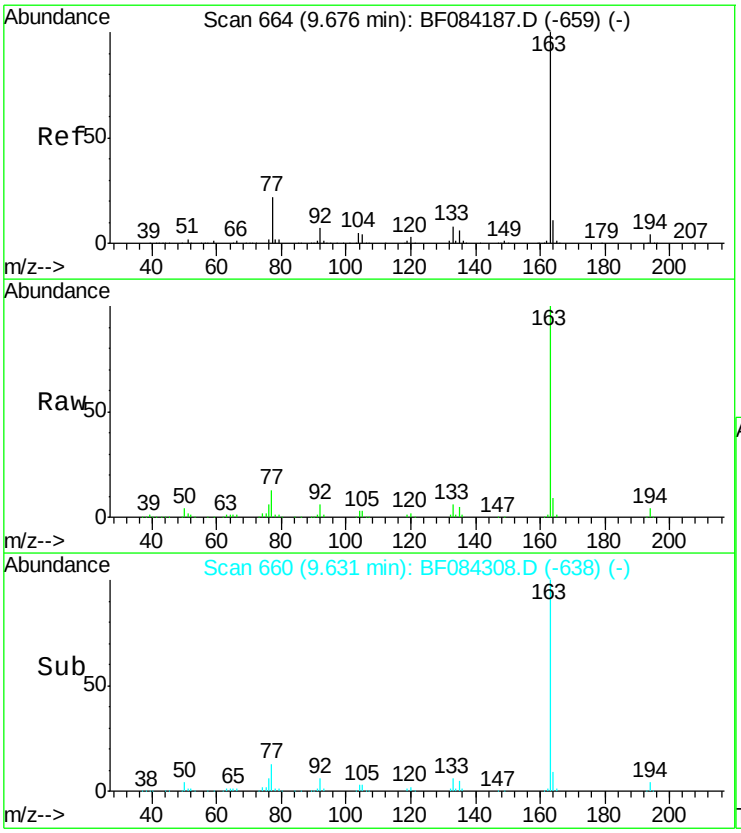
#44
2-Fluorobiphenyl
Concen: 93.60 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:172 Resp: 2468277

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.1	18.6	27.8

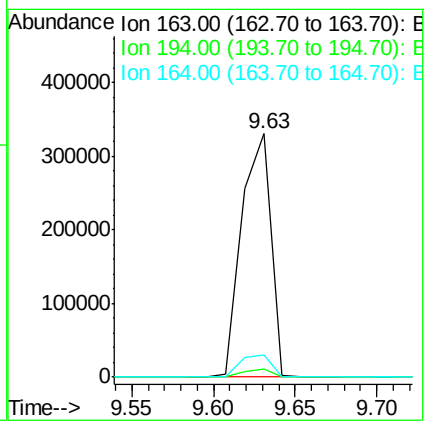


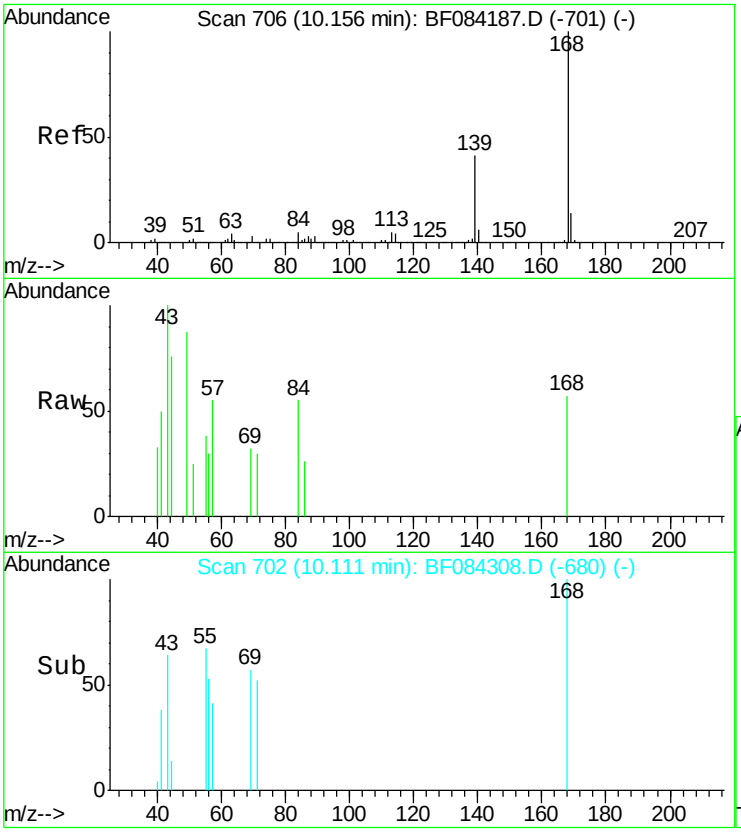


#49
Dimethylphthalate
Concen: 12.19 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:163 Resp: 406973

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.2	8.0	12.0



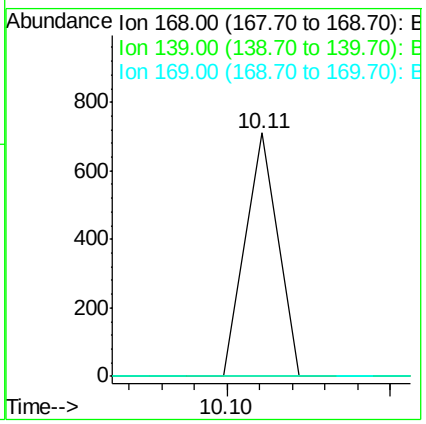


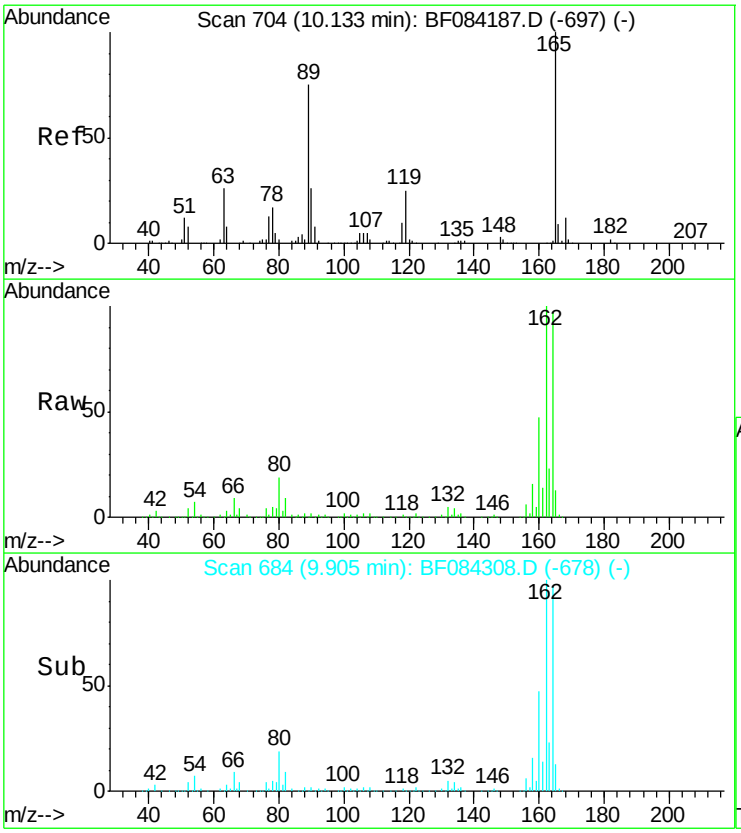
#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:168 Resp: 488

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

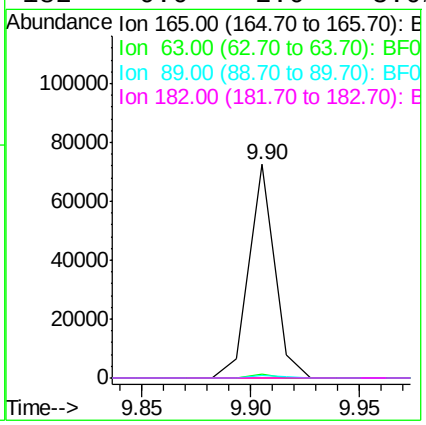


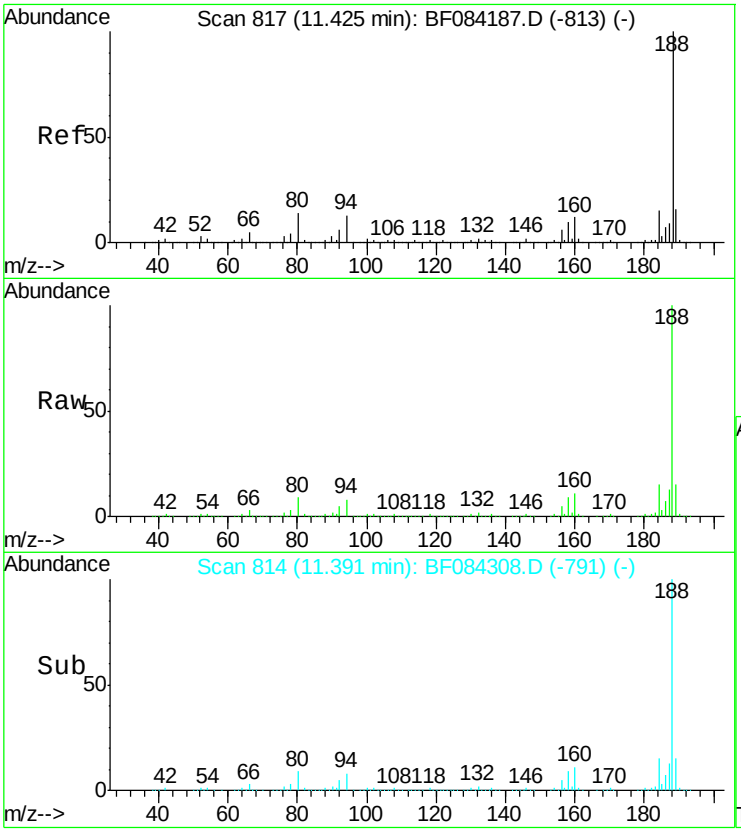


#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:165 Resp: 59649

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



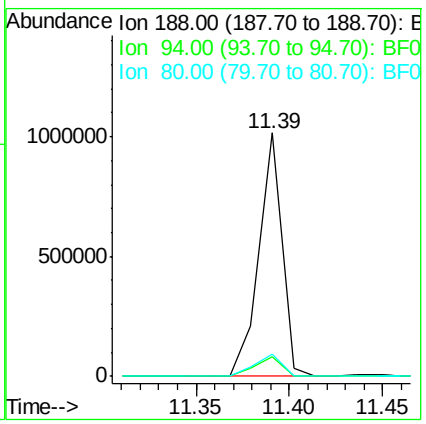


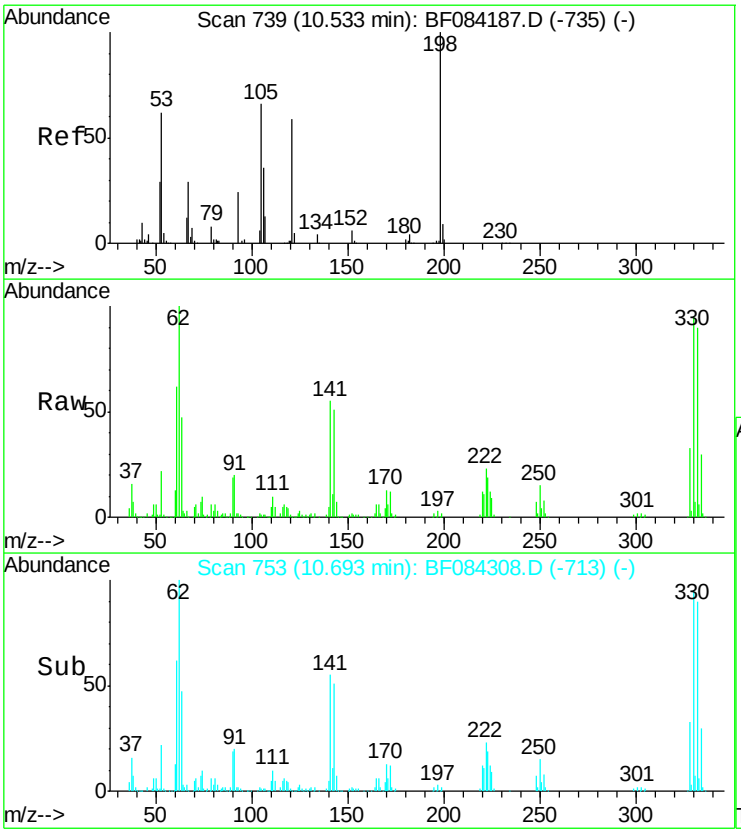
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:188 Resp: 866244

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	9.1	9.6	14.4#

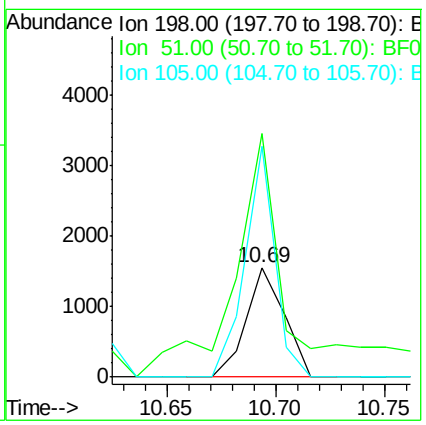


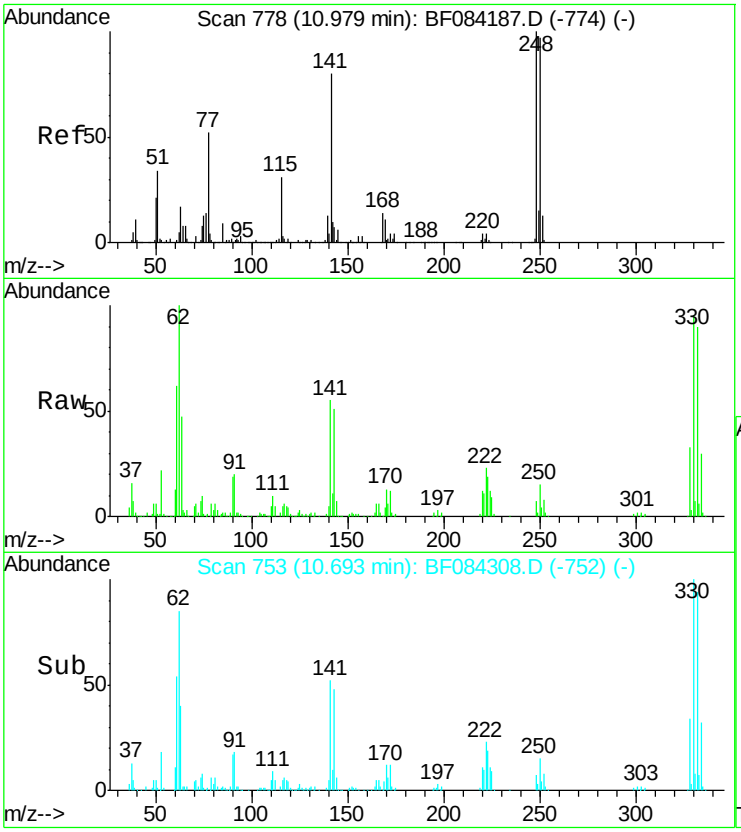


#64
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:198 Resp: 1888

Ion	Ratio	Lower	Upper
198	100		
51	222.1	18.9	58.9#
105	210.4	26.4	66.4#



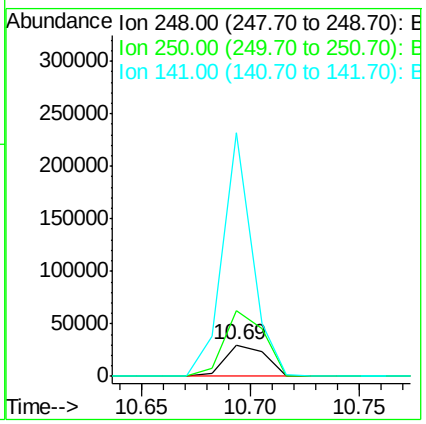


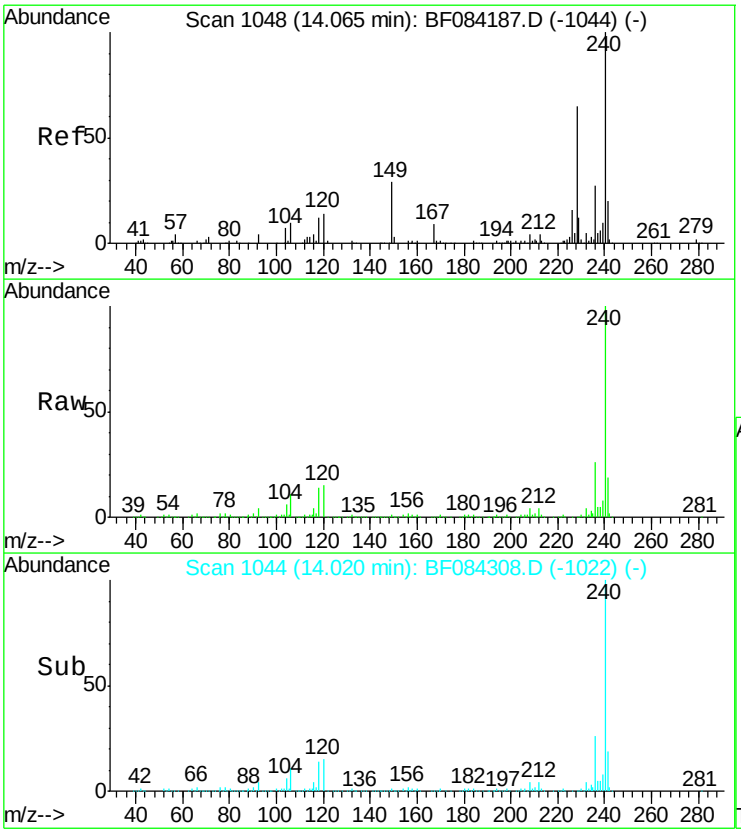
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:248 Resp: 38951

Ion	Ratio	Lower	Upper
248	100		
250	206.8	78.4	117.6#
141	773.1	44.0	66.0#

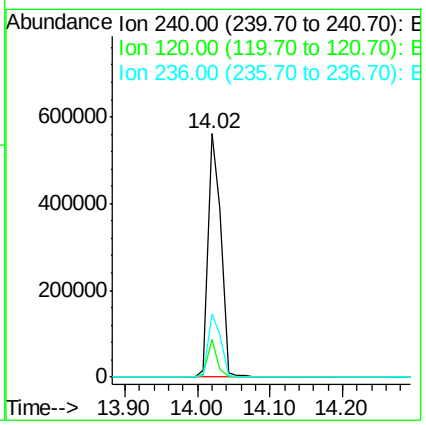


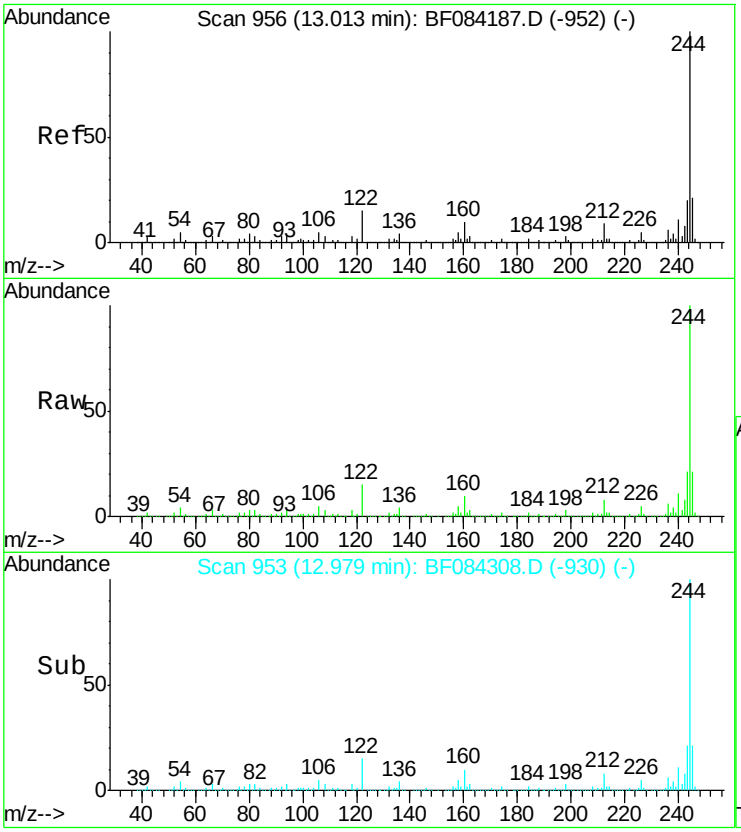


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:240 Resp: 681573

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.8	20.6	31.0



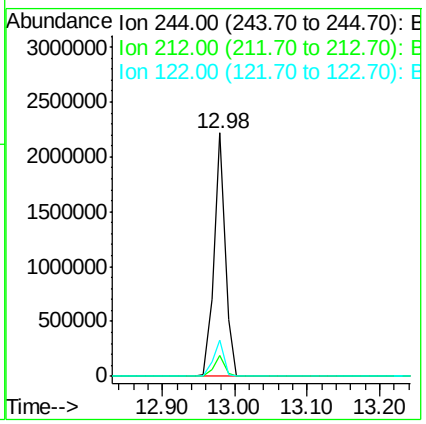


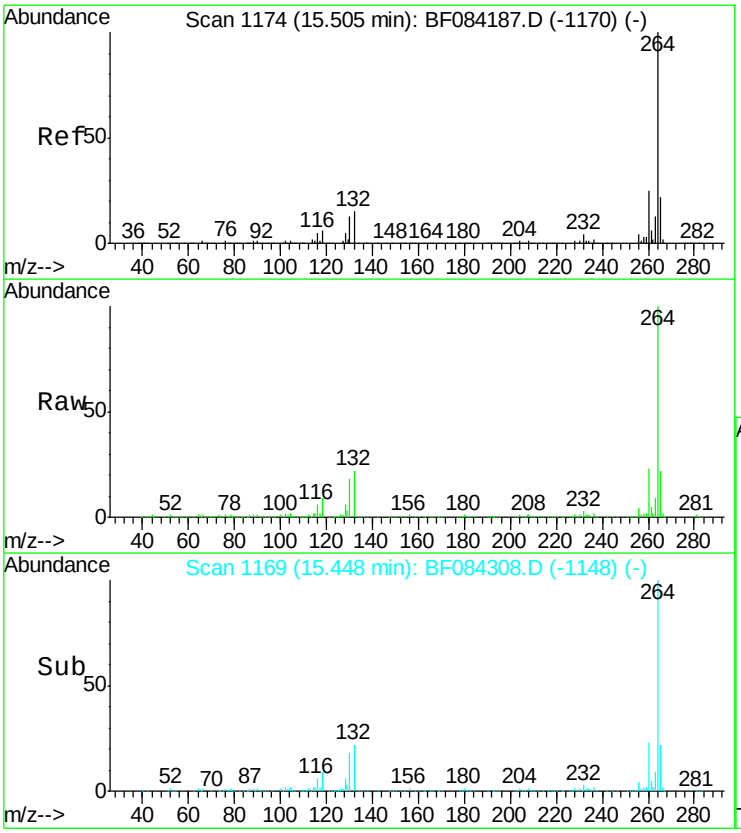
#78
Terphenyl-d14
Concen: 78.08 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084308.D
Acq: 7 Jan 2016 16:33

Instrument :
BNA_F
ClientSampleId :
SW002

Tgt Ion:244 Resp: 2383997

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	14.9	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: BF084308.D
Acq: 7 Jan 2016 16:33

Tgt Ion:264 Resp: 536520

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.8	17.8	26.6