Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082403.D
Acq On : 21 Oct 2015 14:42
Operator : UM/IZ
Sample : G4099-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151013MGP208BRV68

Quant Time: Oct 22 09:21:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115646	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	464834	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	243159	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	483604	20.00	ng	0.00
75) Chrysene-d12	14.04	240	437342	20.00	ng	0.02
86) Perylene-d12	15.61	264	342690	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	362126	63.20	ng	0.00
7) Phenol-d6	6.41	99	282434	37.88	ng	-0.01
23) Nitrobenzene-d5	7.34	82	638831	92.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	252315	110.65	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1330929	90.77	ng	0.00
78) Terphenyl-d14	12.92	244	1348021	81.68	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.93	79	10534	2.05	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	80594	15.39	ng	# 81
25) Isophorone	7.34	82	590799	42.29	ng	# 66
31) Naphthalene	8.08	128	42658	2.12	ng	99
50) 2,6-Dinitrotoluene	9.82	165	30440	8.43	ng	# 32
55) 4-Nitrophenol	10.02	139	283	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.82	165	30440	6.74	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	18515	3.83	ng	# 1

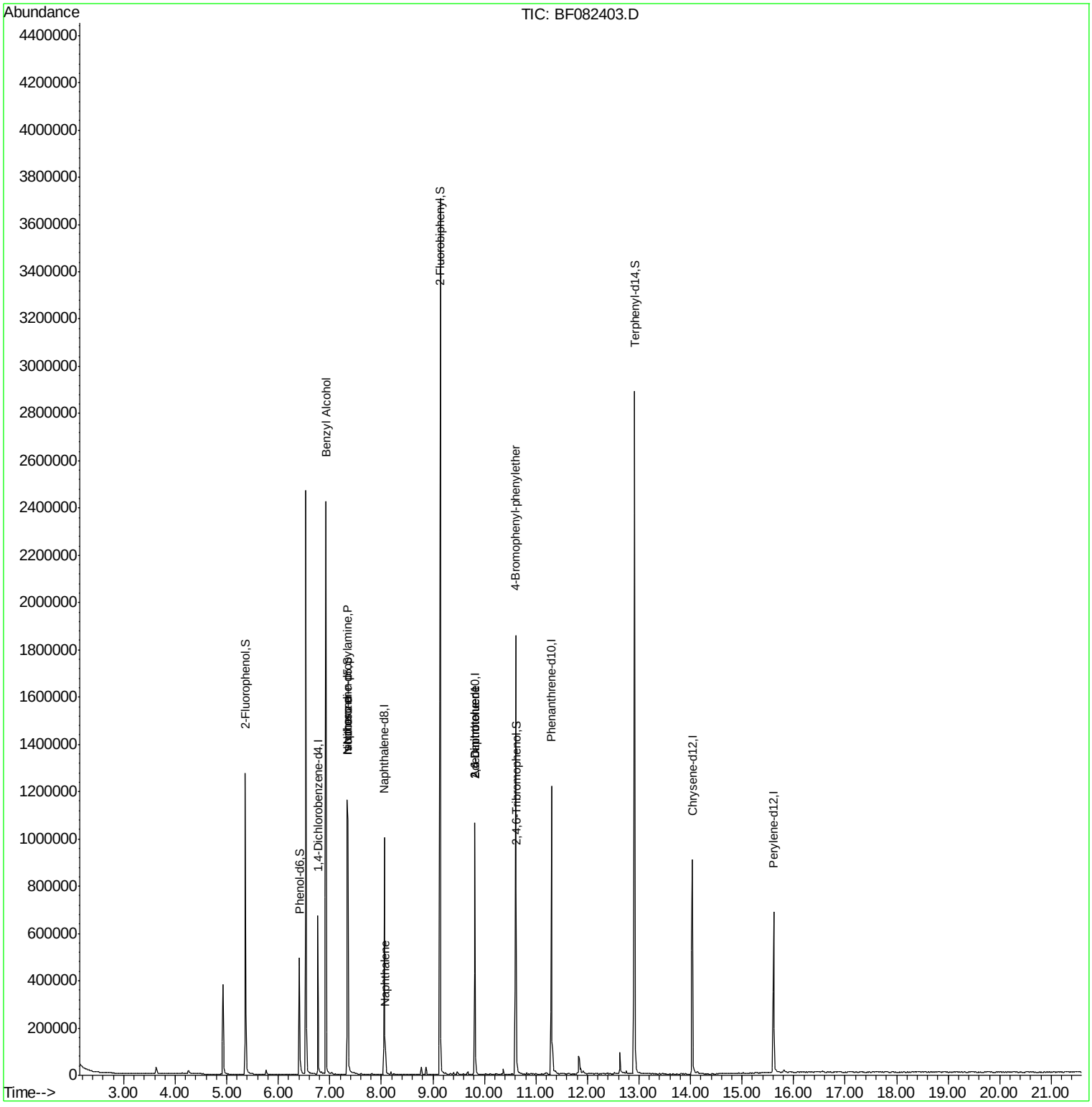
(#) = qualifier out of range (m) = manual integration (+) = signals summed

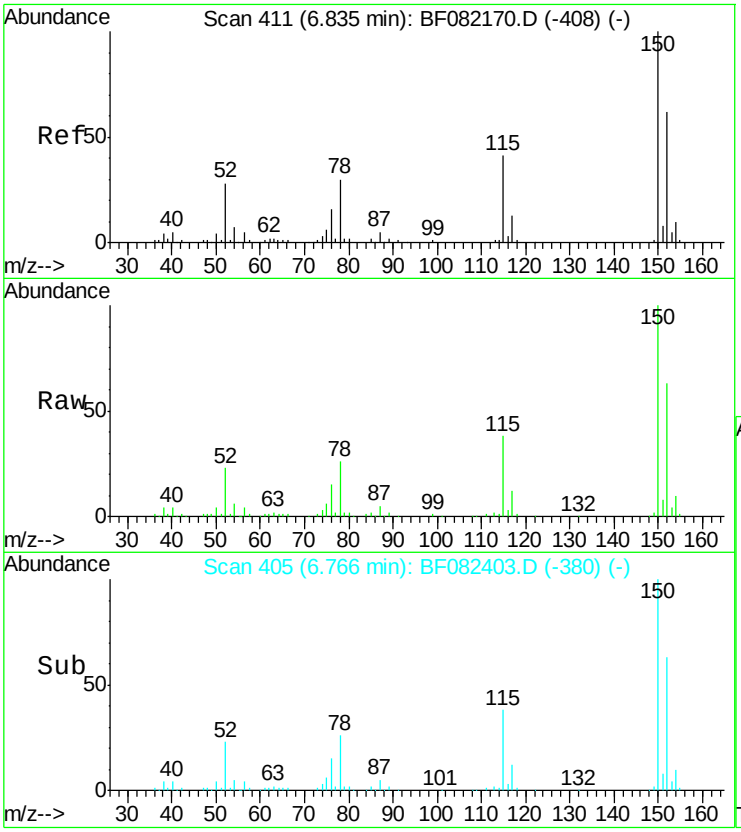
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082403.D
Acq On : 21 Oct 2015 14:42
Operator : UM/IZ
Sample : G4099-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Quant Time: Oct 22 09:21:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration



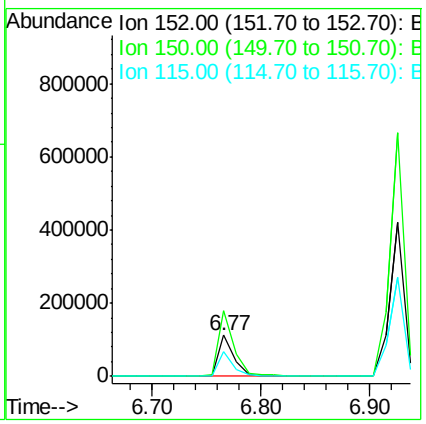


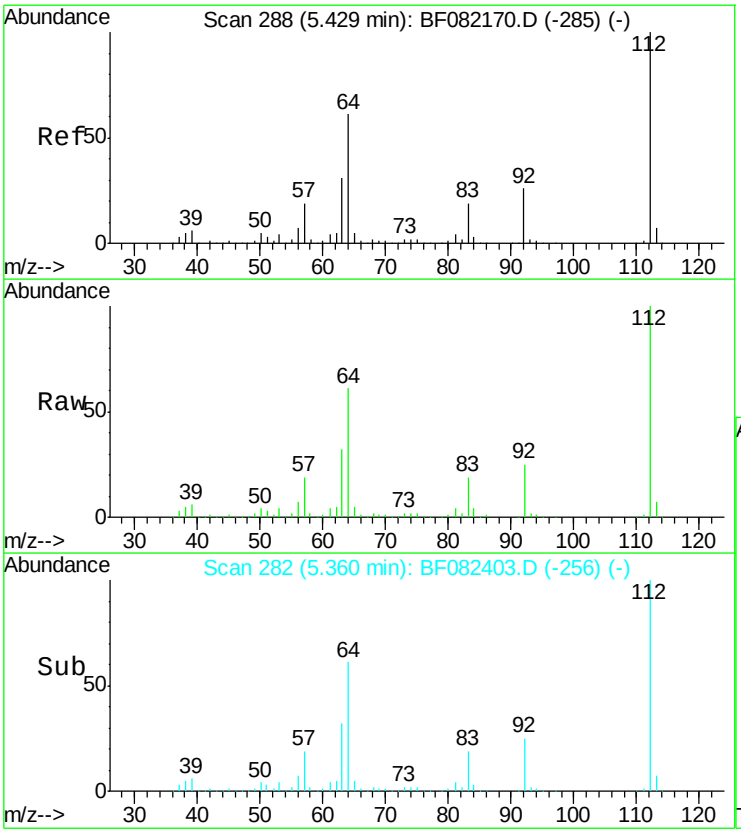
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:152 Resp: 115646

Ion	Ratio	Lower	Upper
152	100		
150	158.7	129.0	193.4
115	60.2	52.1	78.1

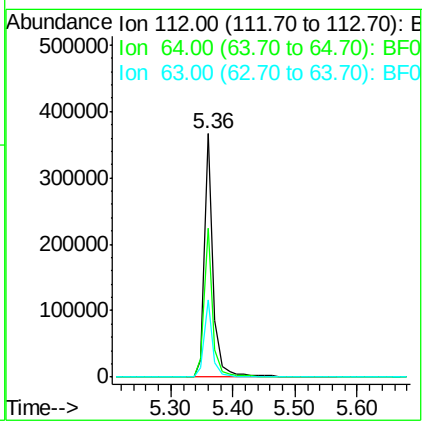


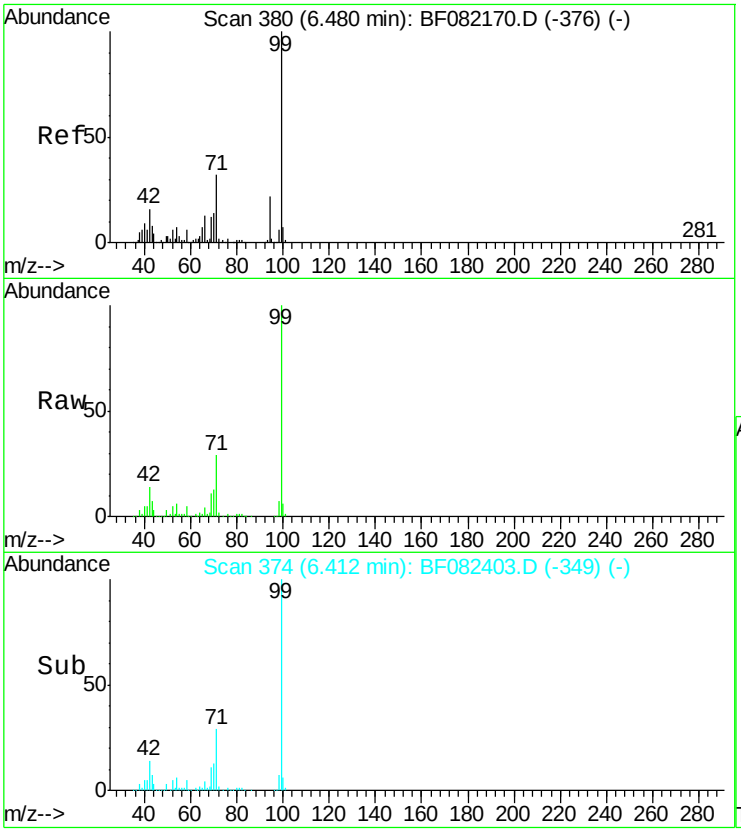


#5
2-Fluorophenol
Concen: 63.20 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:112 Resp: 362126

Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.6	73.0
63	31.7	25.1	37.7



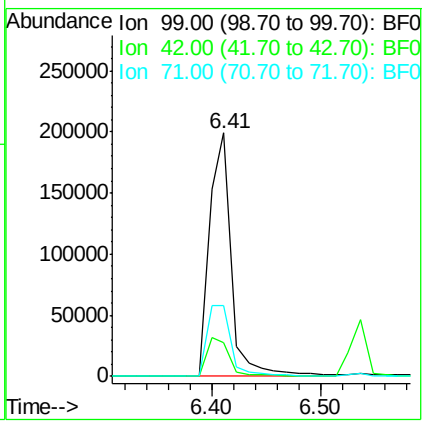


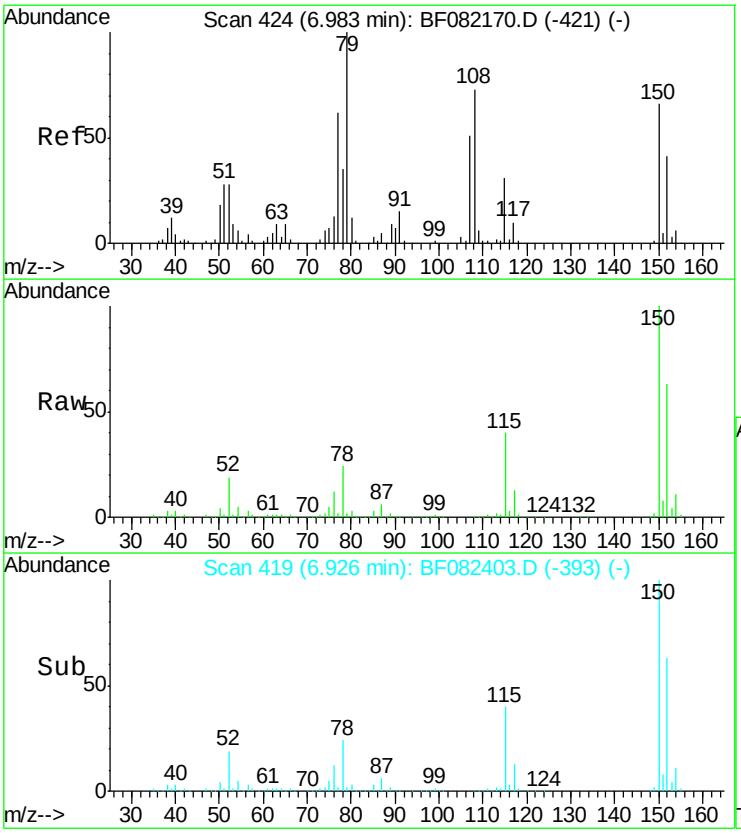
#7
Phenol-d6
Concen: 37.88 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion: 99 Resp: 282434

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.2	19.8
71	29.0	25.6	38.4

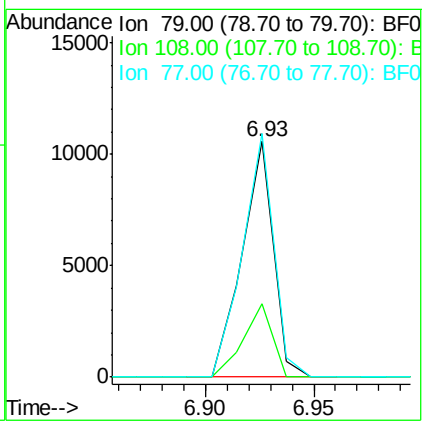


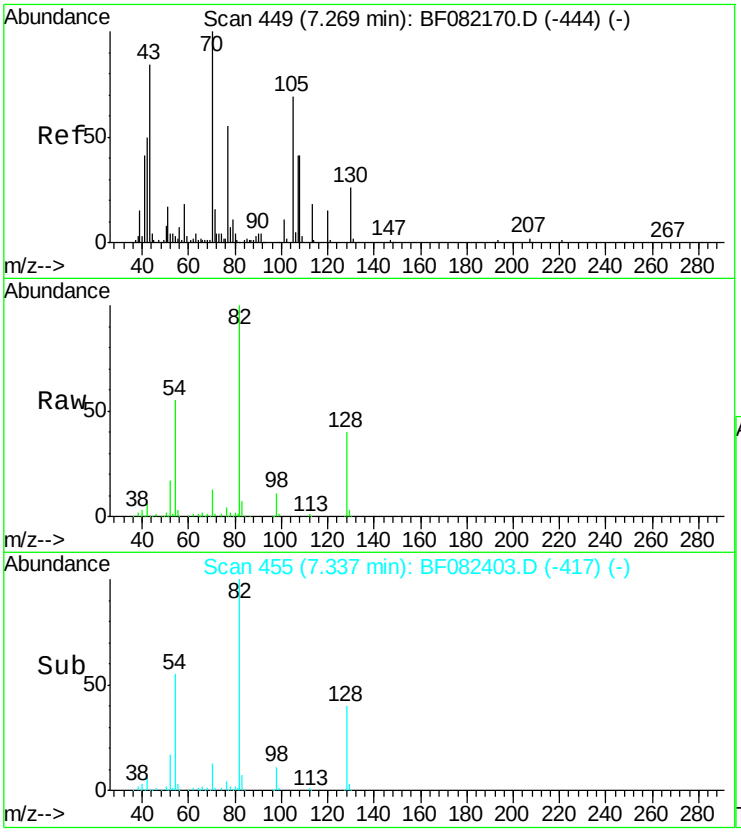


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion: 79 Resp: 10534

Ion	Ratio	Lower	Upper
79	100		
108	31.3	58.4	87.6#
77	103.4	49.8	74.6#



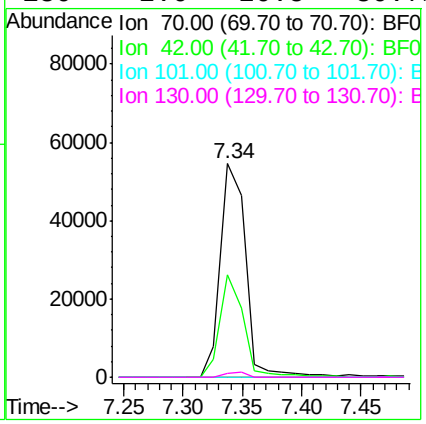


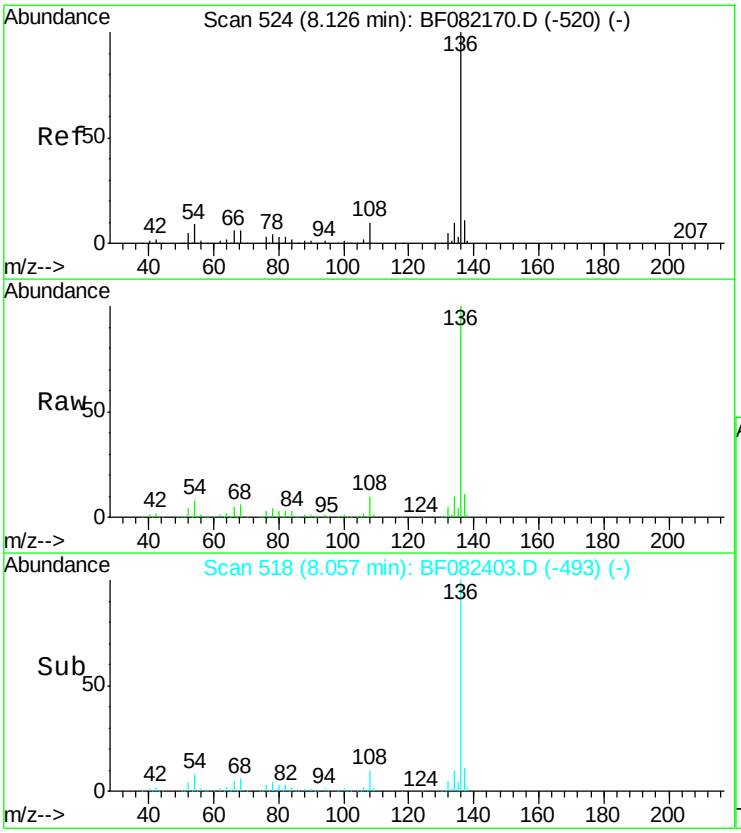
#19
n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion: 70 Resp: 80594

Ion	Ratio	Lower	Upper
70	100		
42	47.9	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#

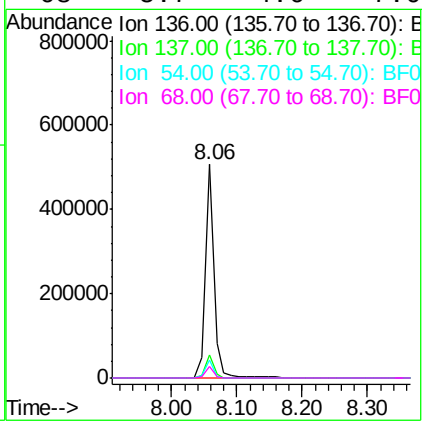


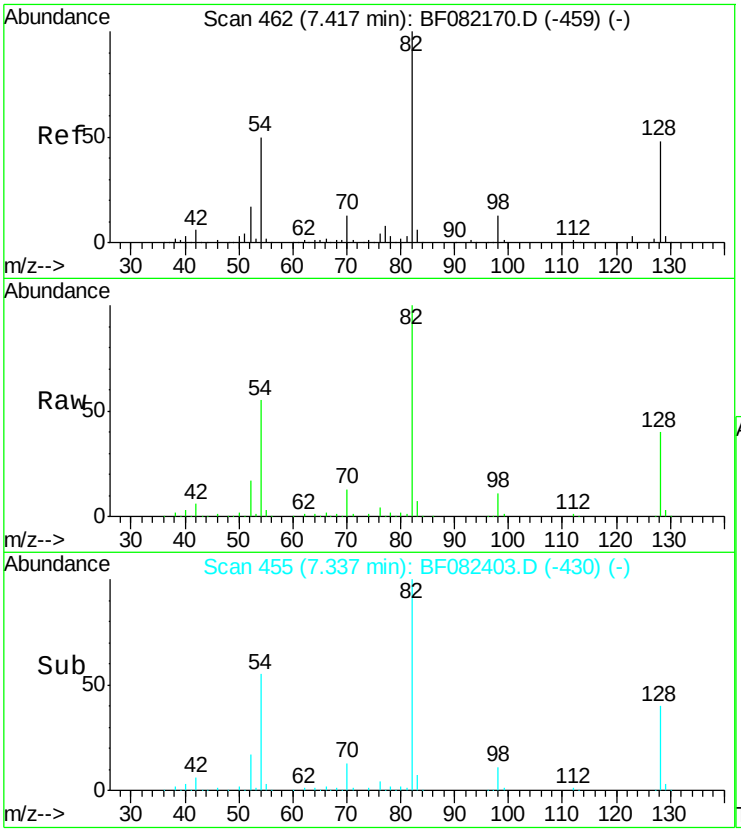


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:136 Resp: 464834

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.1	7.5	11.3
68	5.7	4.6	7.0



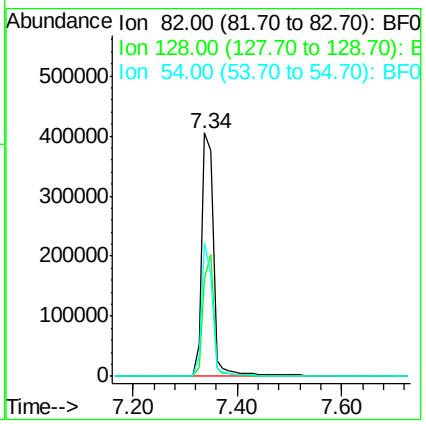


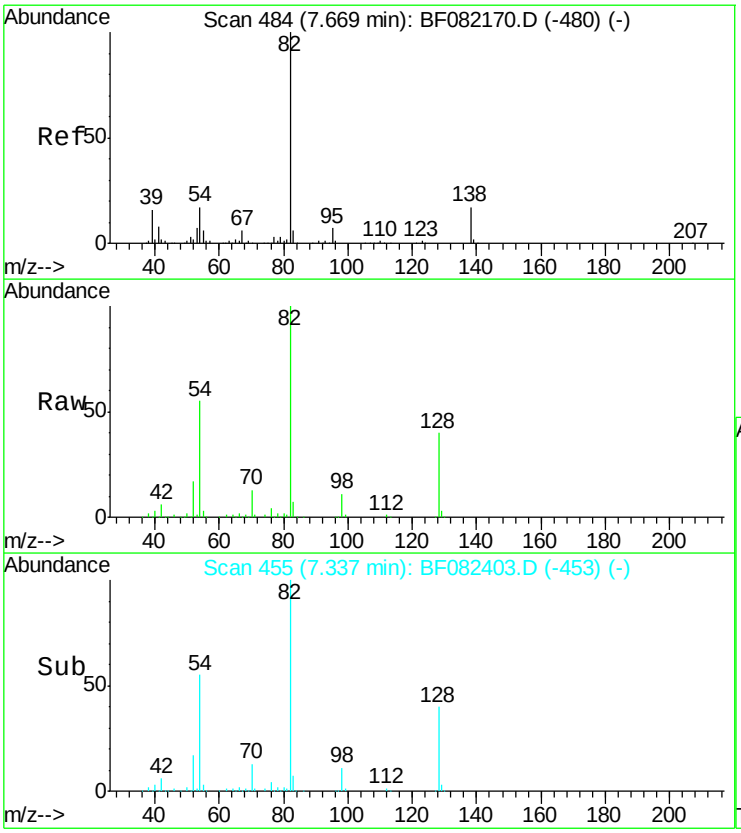
#23
Nitrobenzene-d5
Concen: 92.29 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion: 82 Resp: 638831

Ion	Ratio	Lower	Upper
82	100		
128	40.2	38.7	58.1
54	54.9	40.1	60.1

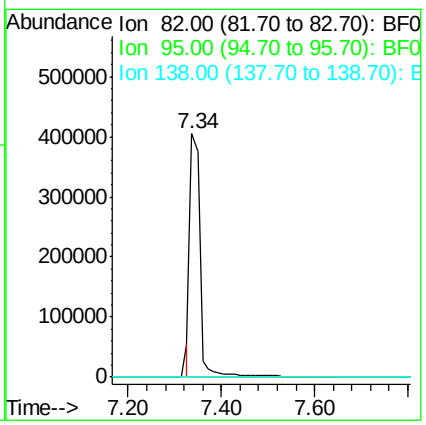


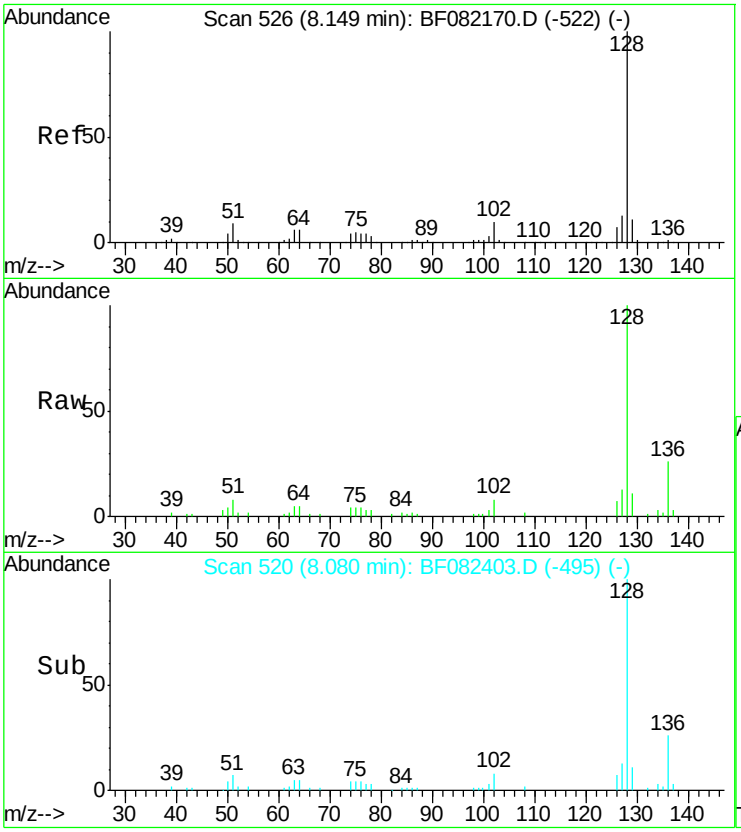


#25
Isophorone
Concen: 42.29 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion: 82 Resp: 590799

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#



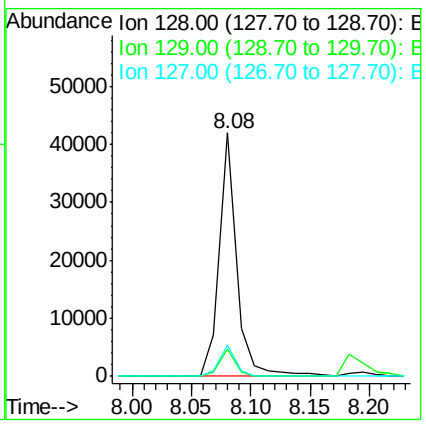


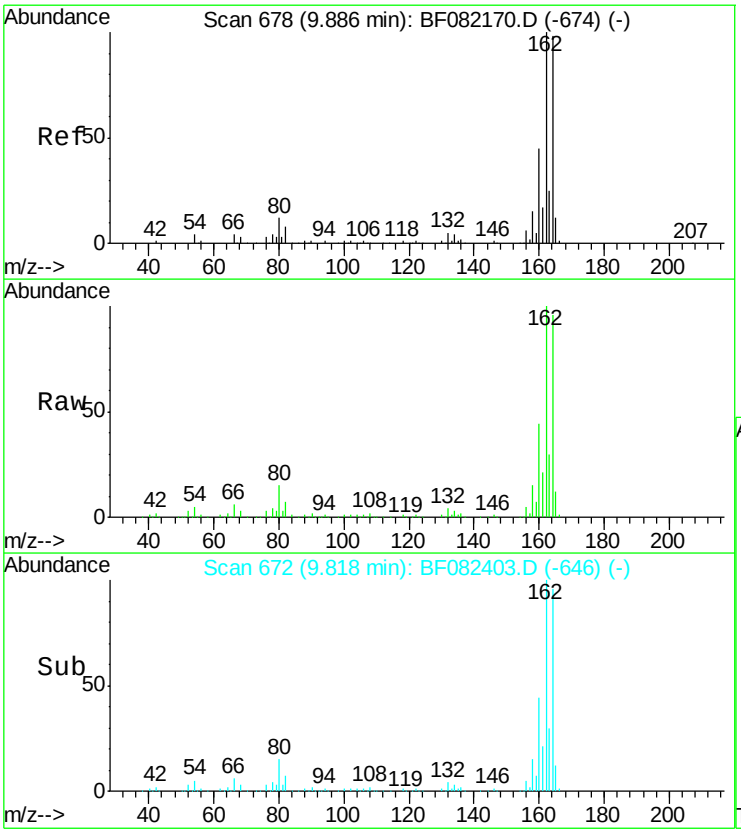
#31
Naphthalene
Concen: 2.12 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:128 Resp: 42658

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.8	10.7	16.1

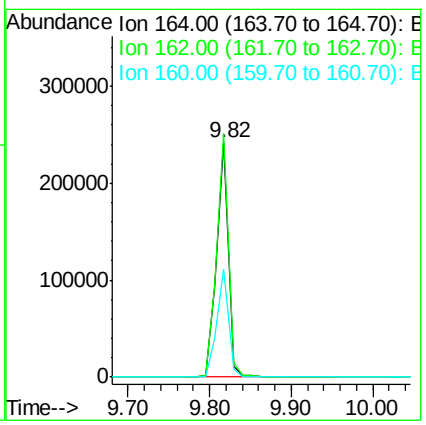


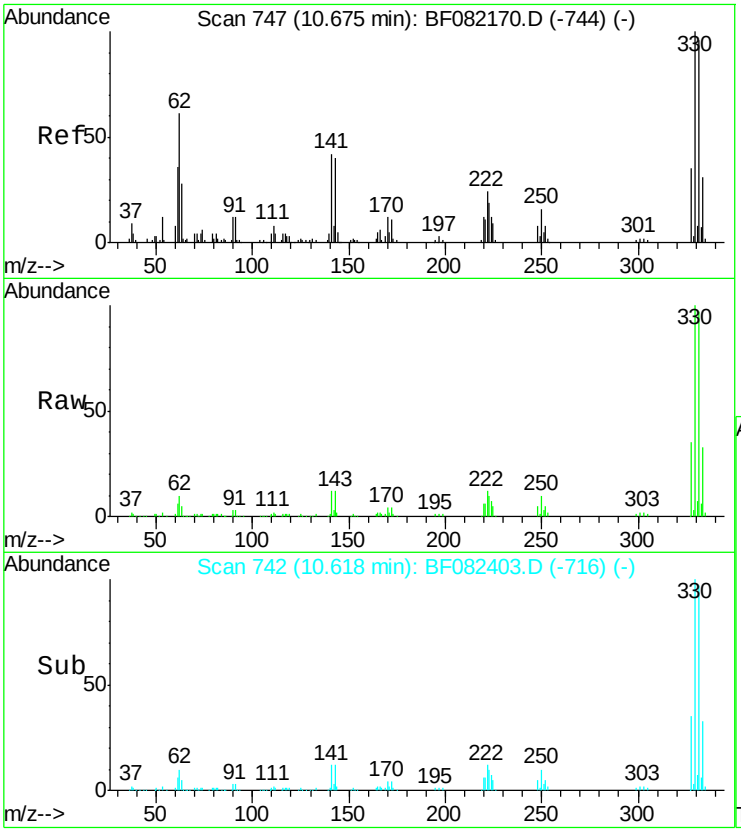


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:164 Resp: 243159

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	46.2	36.4	54.6



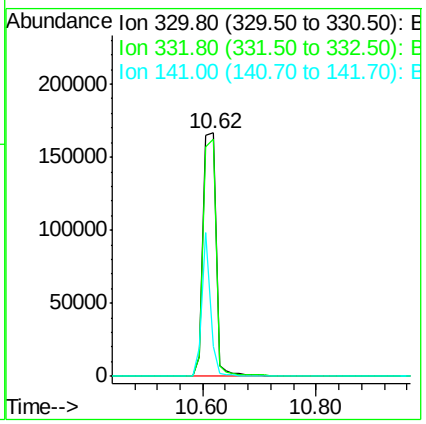


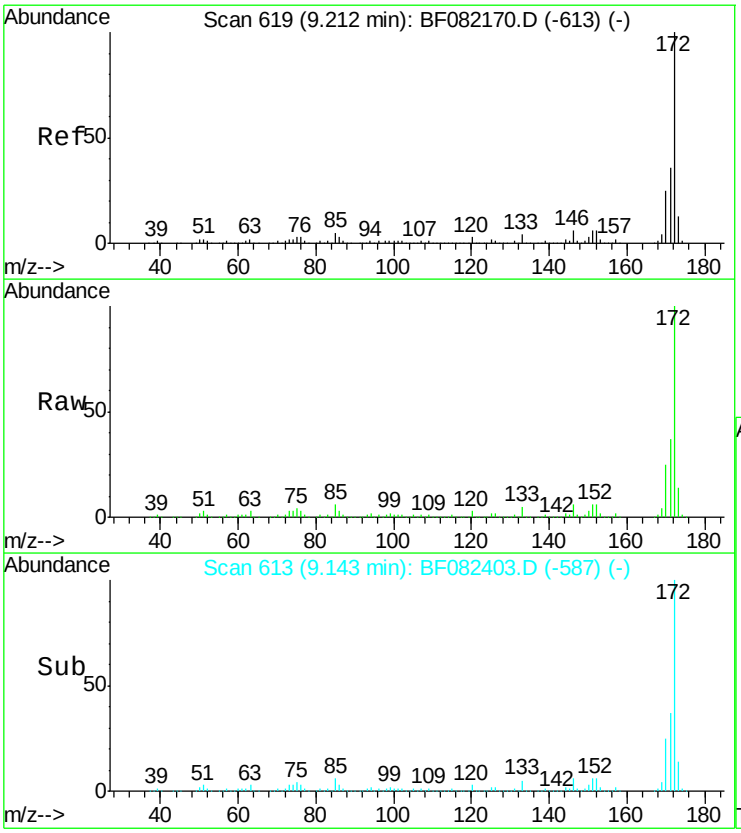
#41
2,4,6-Tribromophenol
Concen: 110.65 ng
RT: 10.62 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:330 Resp: 252315

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	39.6	29.8	44.8

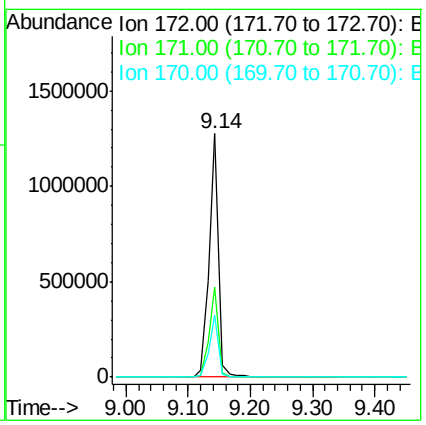


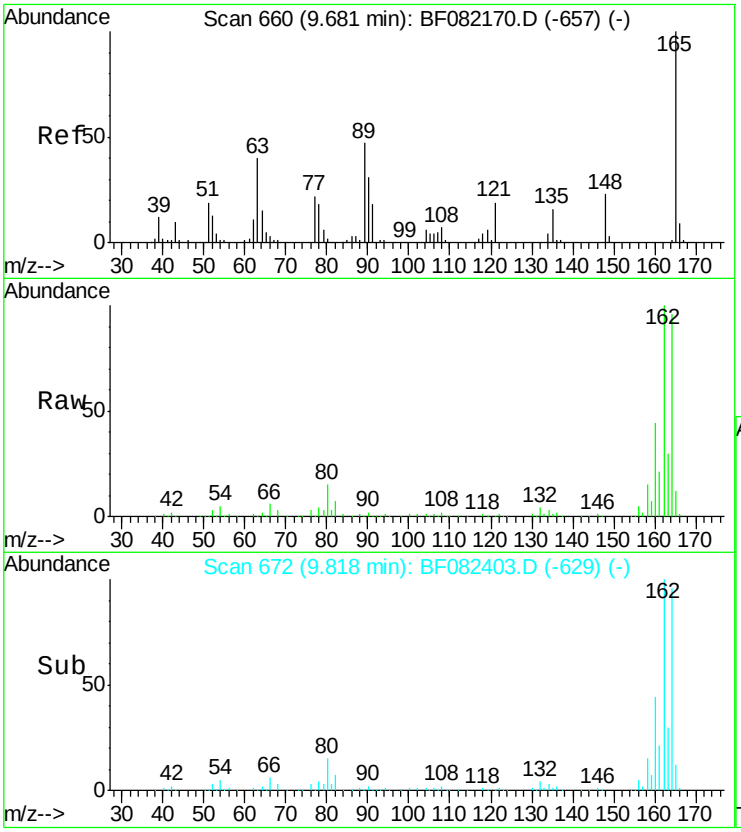


#44
2-Fluorobiphenyl
Concen: 90.77 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:172 Resp: 1330929

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	25.2	19.7	29.5



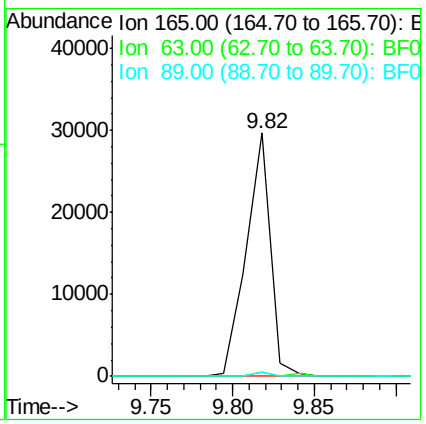


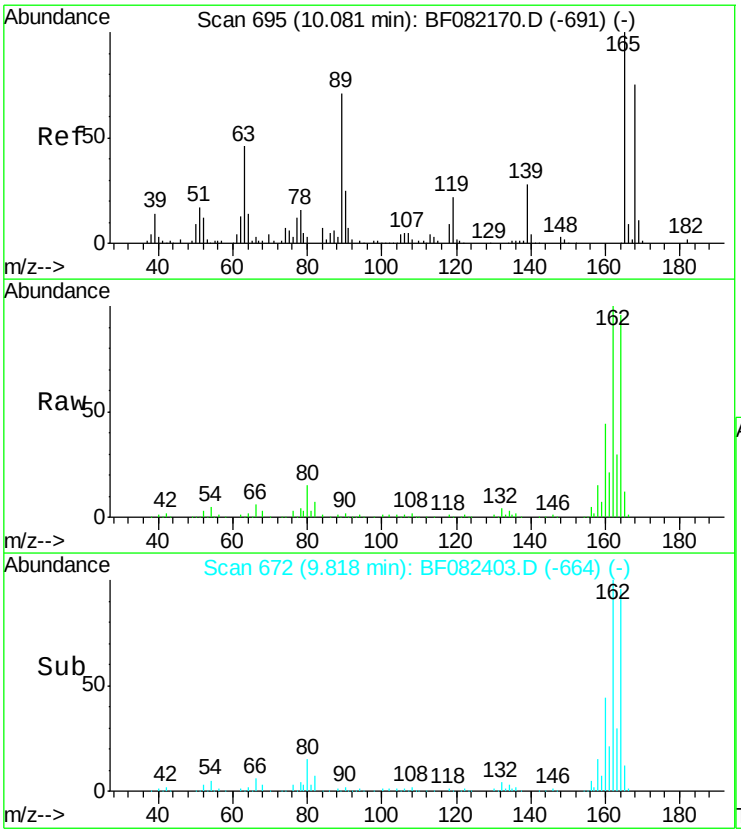
#50
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 9.82 min Scan# 672
Delta R.T. 0.19 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:165 Resp: 30440

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.6	37.8	56.6#

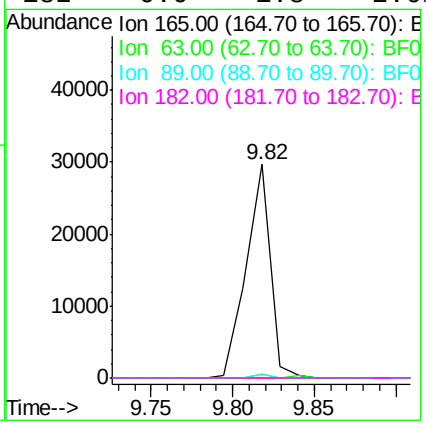


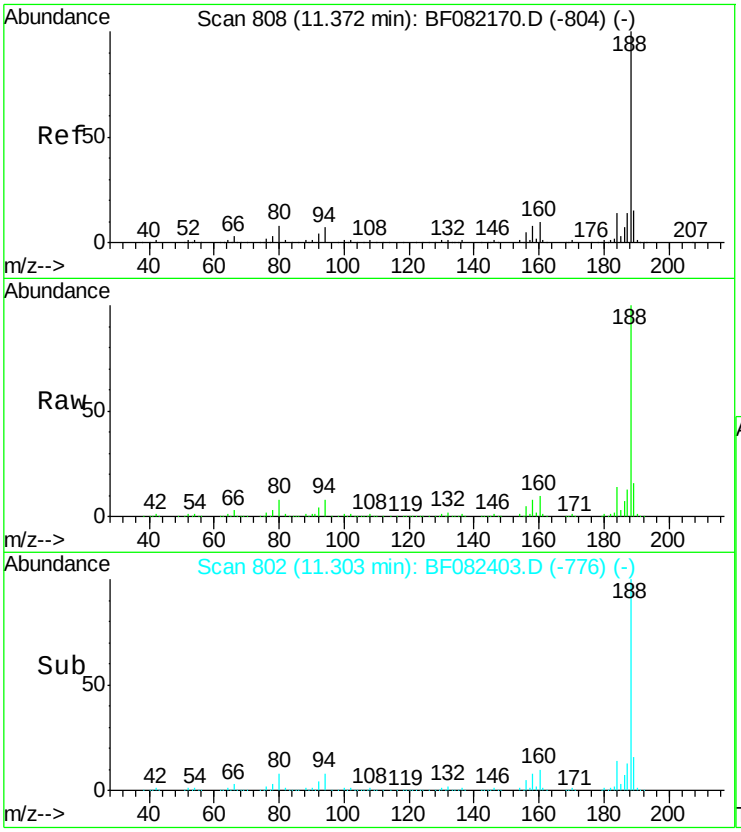


#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:165 Resp: 30440

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	1.6	57.0	85.6#
182	0.0	1.8	2.6#



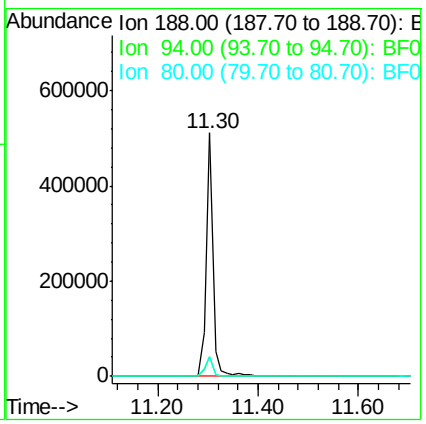


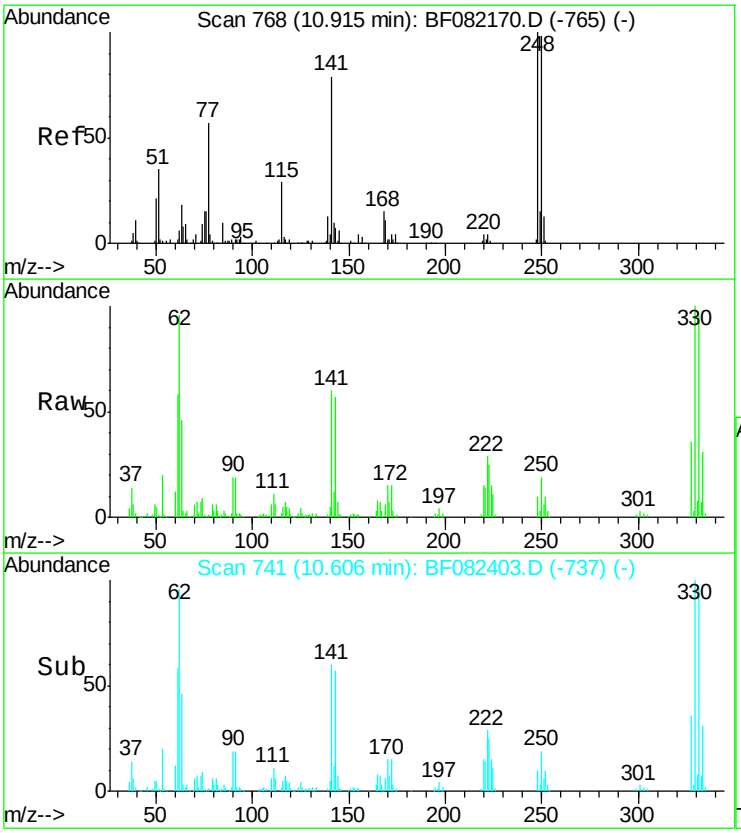
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:188 Resp: 483604

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	8.1	6.4	9.6

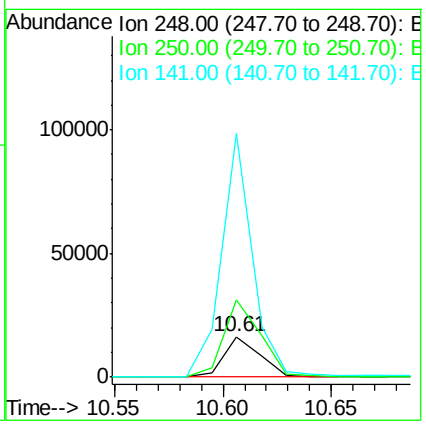


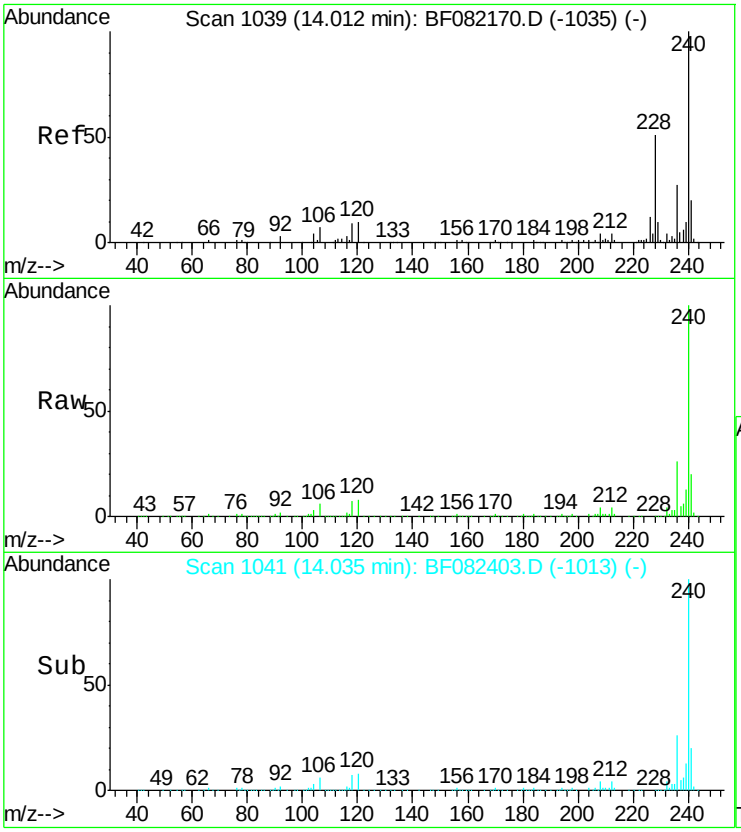


#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:248 Resp: 18515

Ion	Ratio	Lower	Upper
248	100		
250	192.6	78.6	117.8#
141	603.8	63.3	94.9#



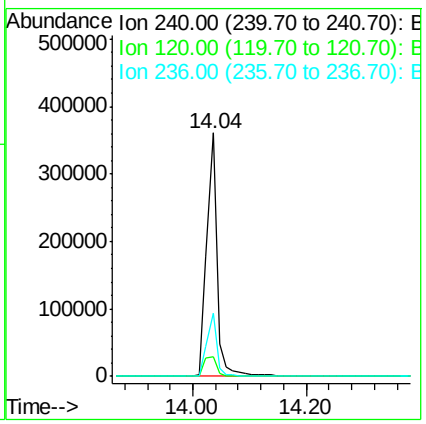


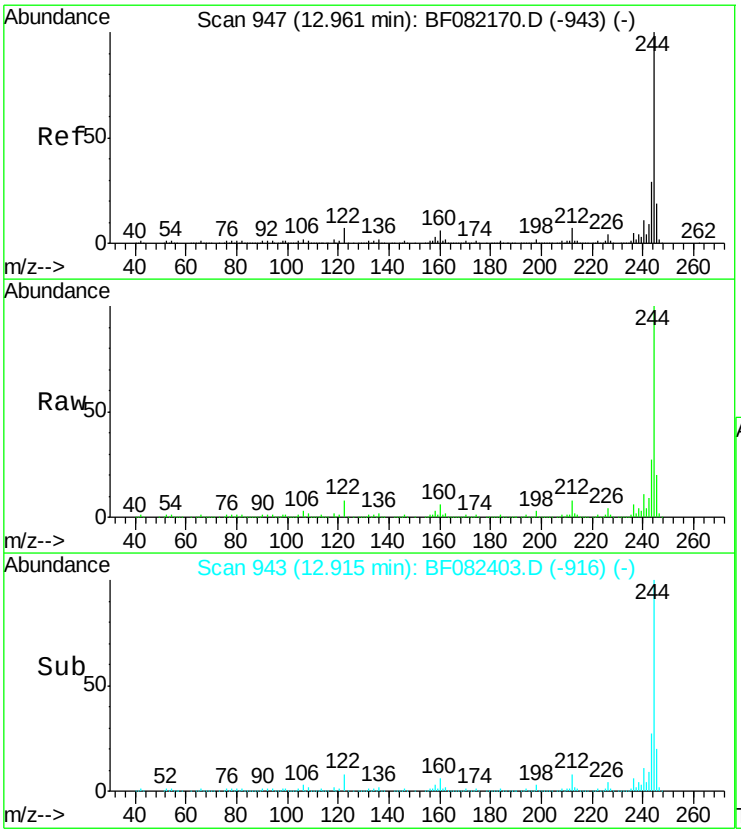
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:240 Resp: 437342

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.1	12.1#
236	26.2	21.3	31.9

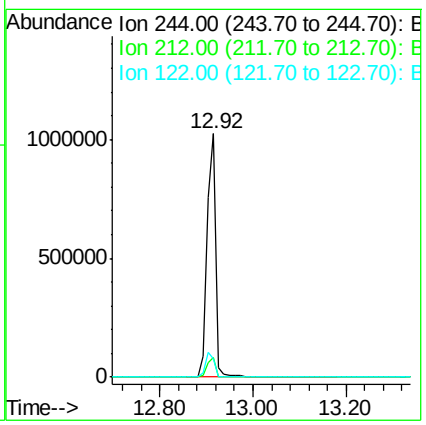


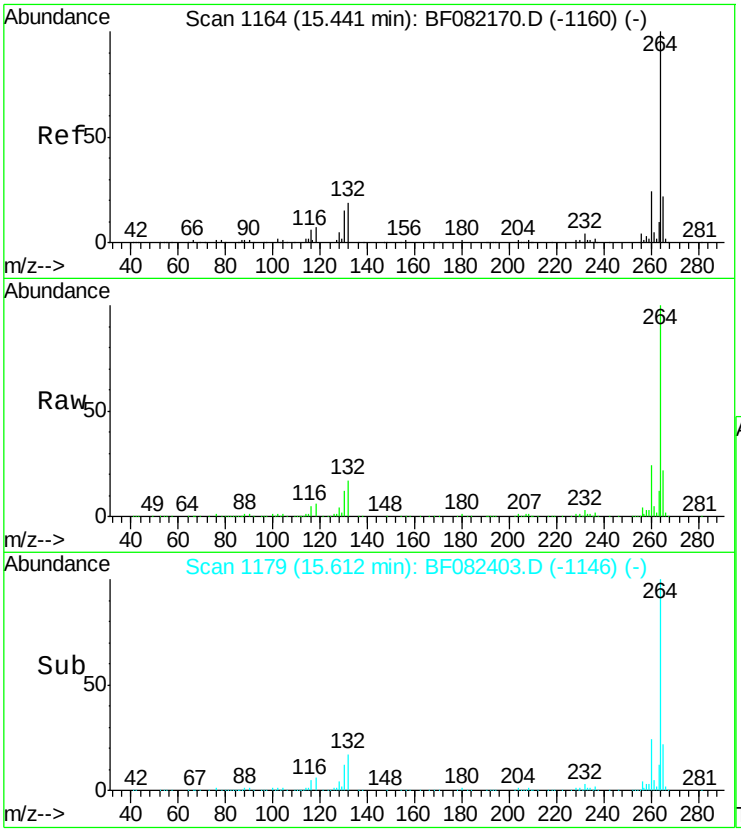


#78
Terphenyl-d14
Concen: 81.68 ng
RT: 12.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion:244 Resp: 1348021

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	7.7	5.9	8.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1179
Delta R.T. 0.08 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tgt Ion:264 Resp: 342690

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.0	17.3	25.9