Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032440.D
Acq On : 30 Jan 2018 9:41
Operator : SJ/JU
Sample : PB106136TB
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 30 10:57:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	23720	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	94828	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	71907	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	207818	20.00	ng	0.00
75) Chrysene-d12	22.42	240	259728	20.00	ng	0.00
86) Perylene-d12	26.10	264	281878	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	153227	129.75	ng	0.00
7) Phenol-d6	7.83	99	183649	116.54	ng	0.00
23) Nitrobenzene-d5	9.91	82	111038	73.14	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	31958	23.35	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	428827	70.88	ng	0.00
78) Terphenyl-d14	20.63	244	1007098	83.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	16042	15.353	ng	# 75
50) 2,6-Dinitrotoluene	15.36	165	9365	6.730	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	9365	4.727	ng	# 16
76) Benzidine	20.63	184	14509	2.845	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012918\
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Acq On : 30 Jan 2018 9:41
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Misc :
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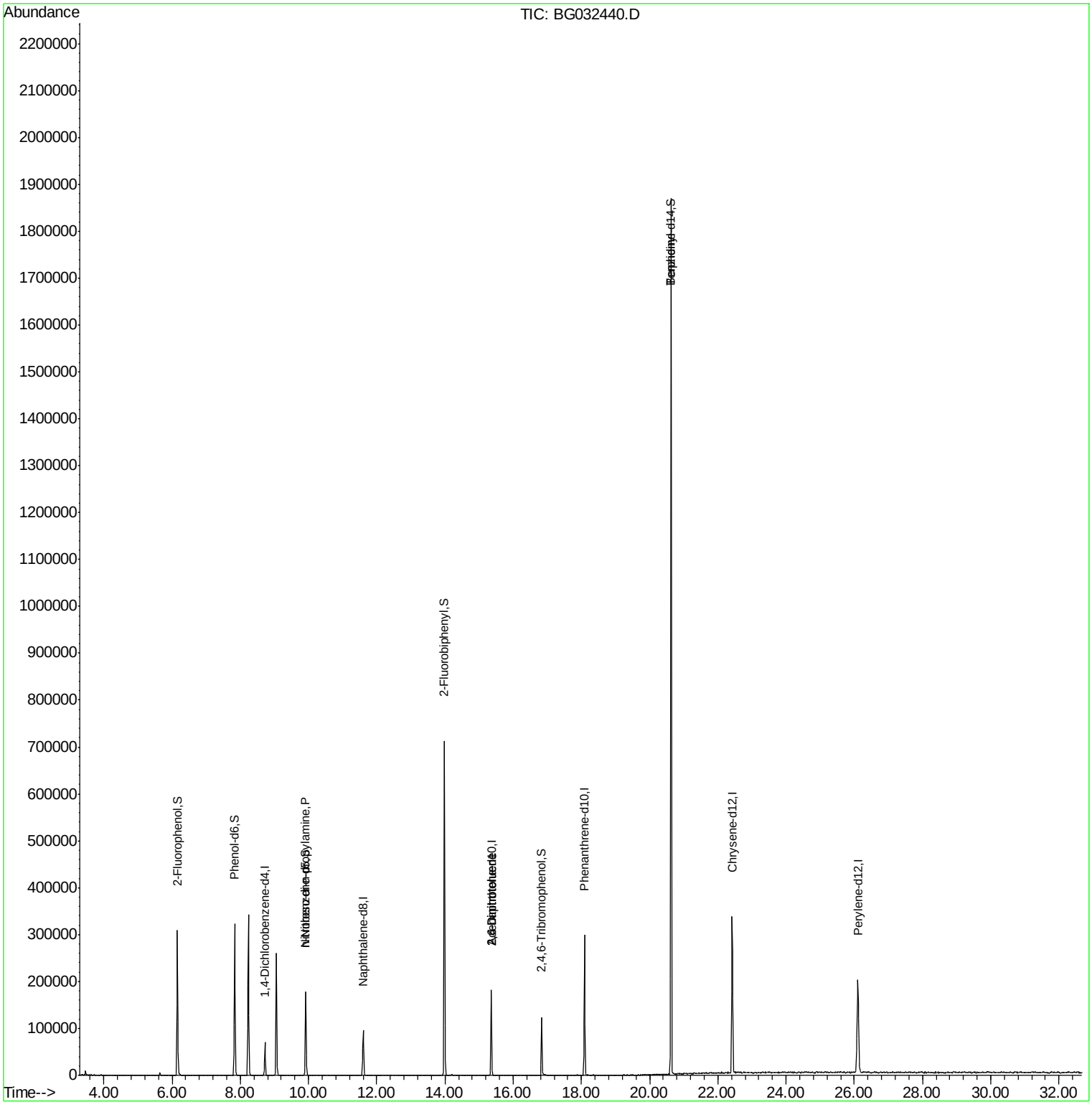
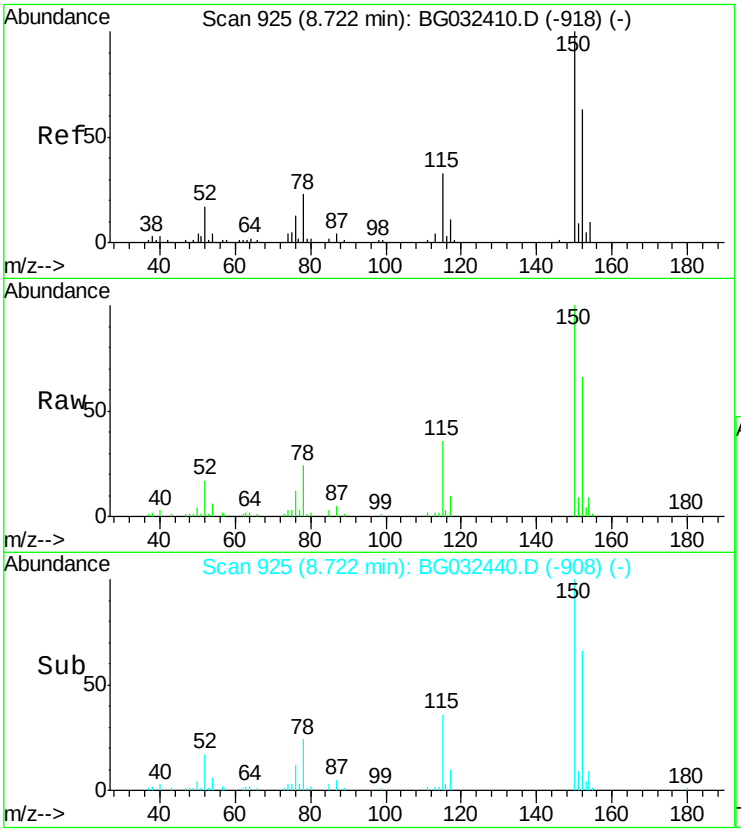


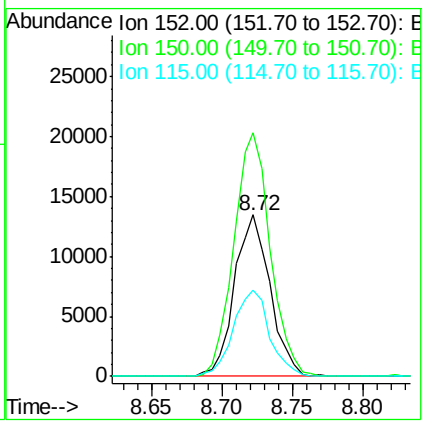


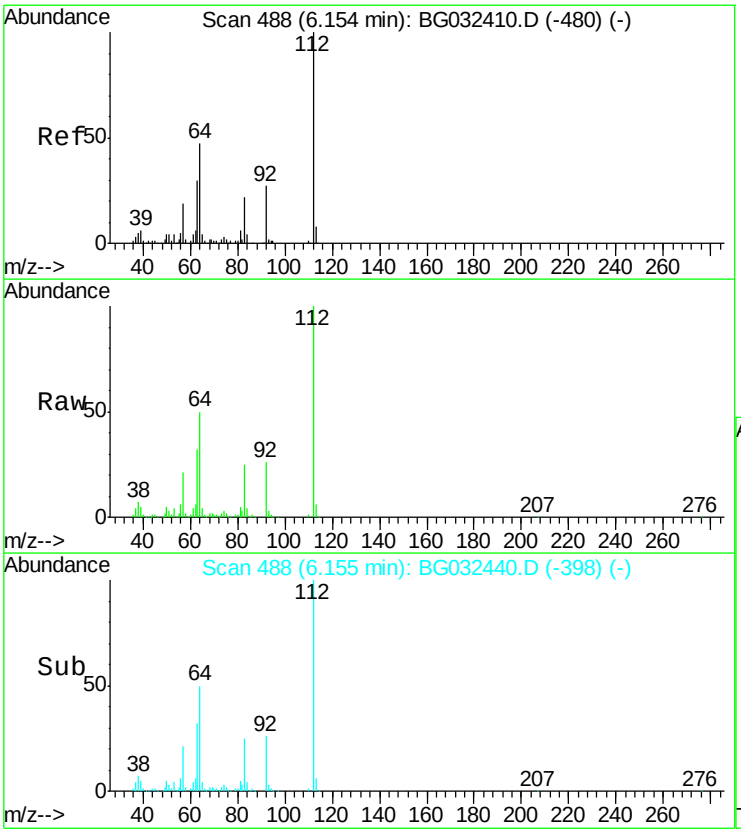
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23720

Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	53.8	53.0	79.4

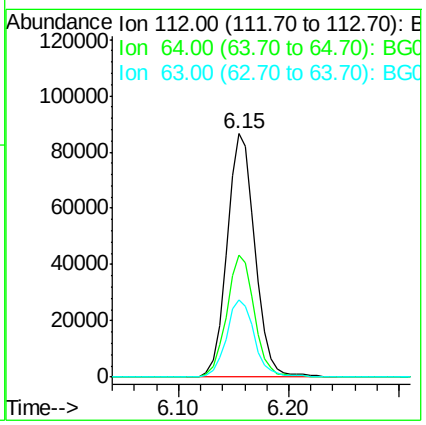


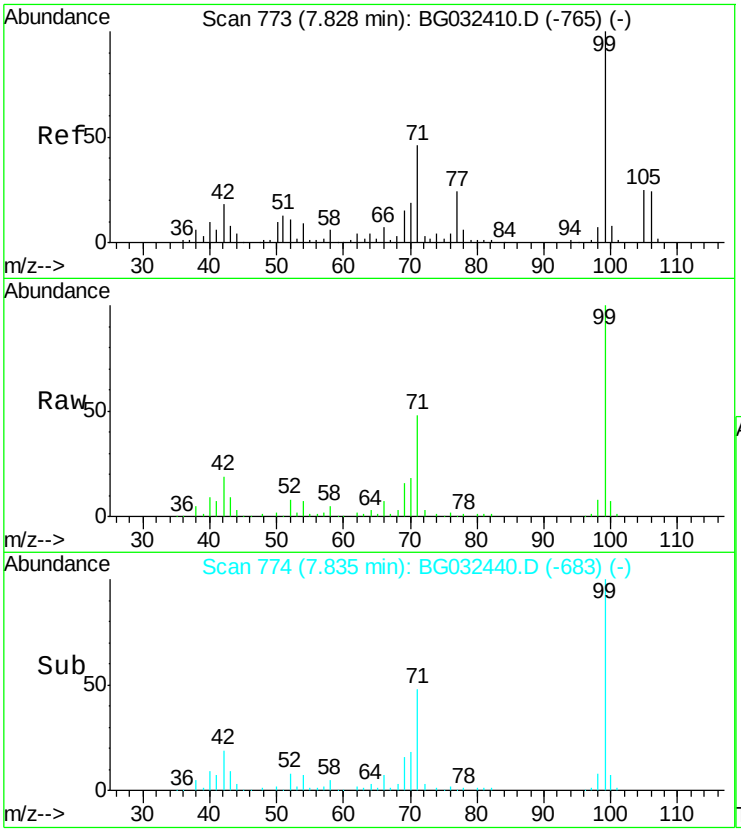


#5
2-Fluorophenol
Concen: 129.749 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:112 Resp: 153227

Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5#
63	31.9	30.1	45.1



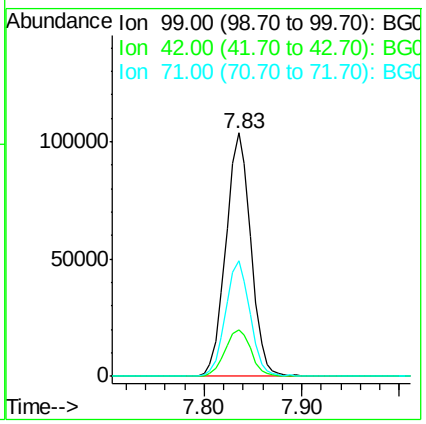


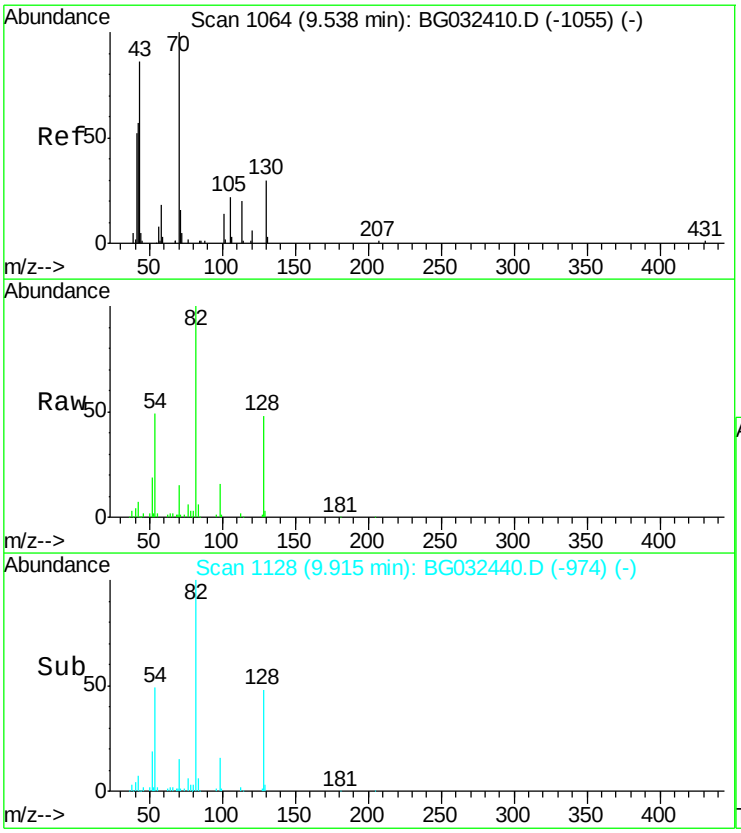
#7
Phenol-d6
Concen: 116.538 ng
RT: 7.83 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 183649

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	47.5	26.1	39.1#

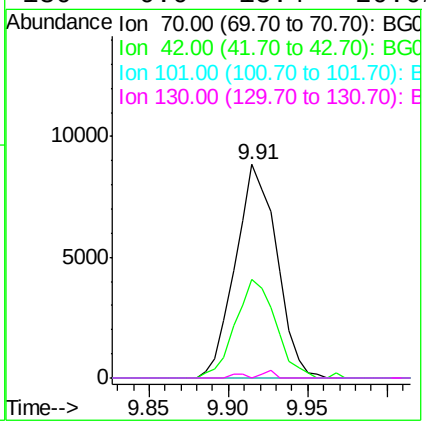


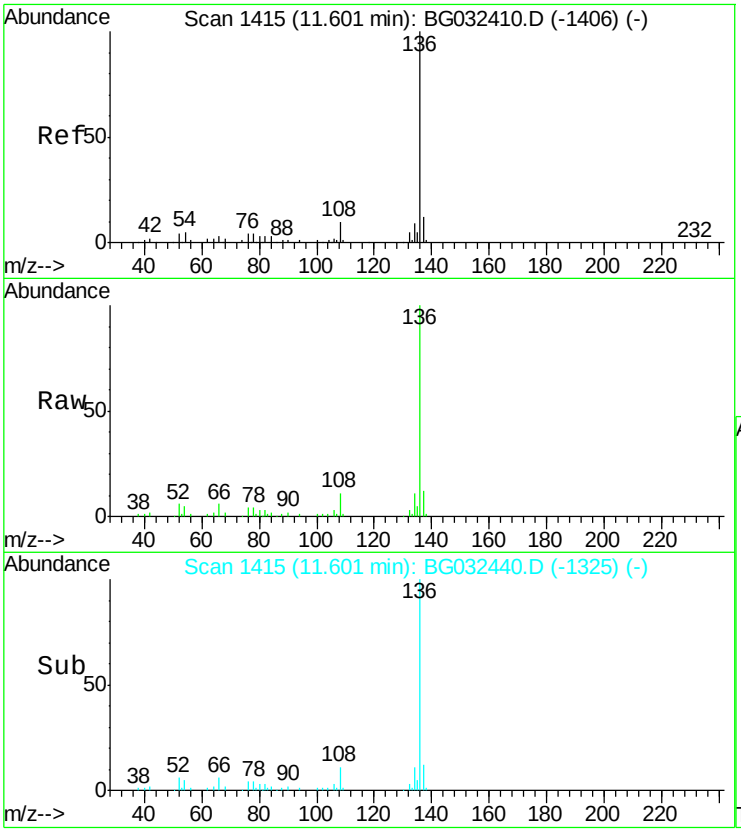


#19
n-Nitroso-di-n-propylamine
Concen: 15.353 ng
RT: 9.91 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion: 70 Resp: 16042

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



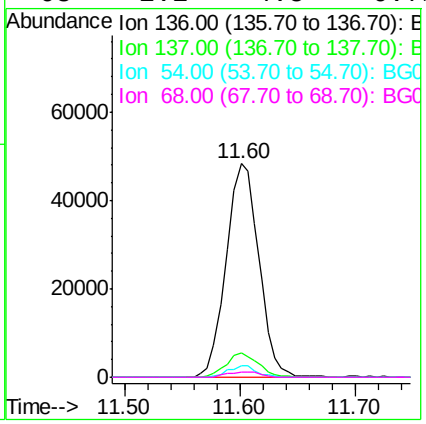


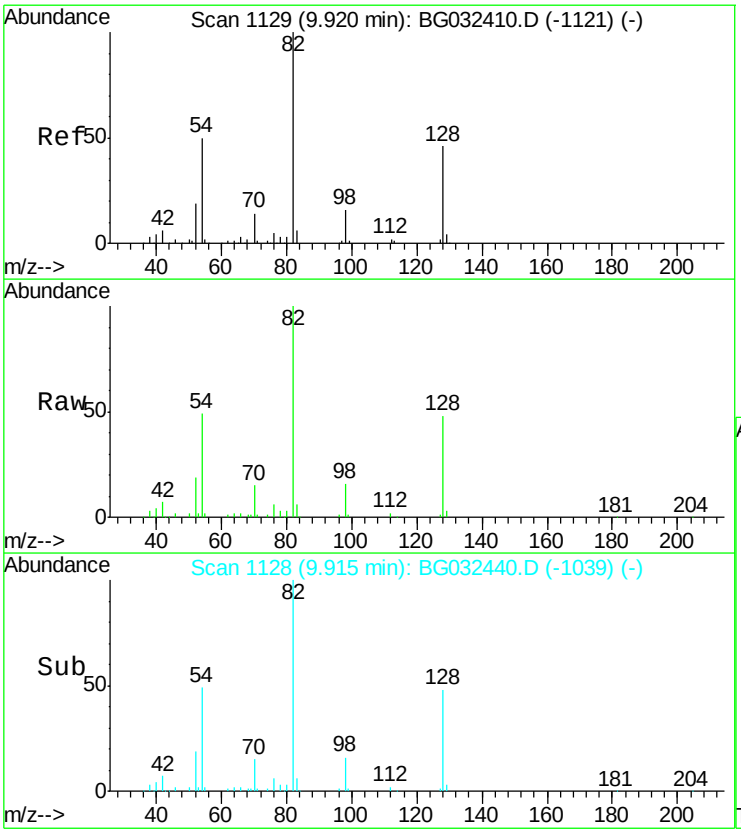
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 94828

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.1	10.3	15.5#
68	2.2	4.5	6.7#

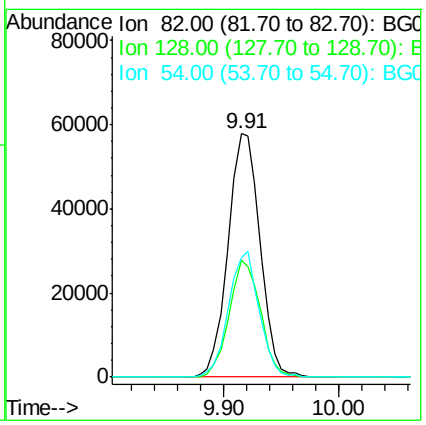


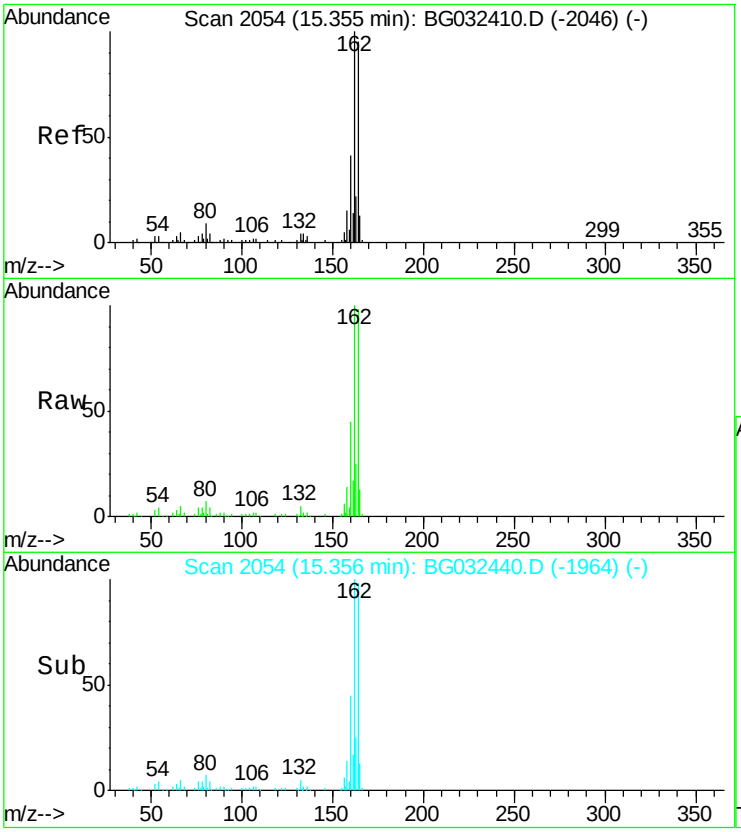


#23
Nitrobenzene-d5
Concen: 73.137 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion: 82 Resp: 111038

Ion	Ratio	Lower	Upper
82	100		
128	47.9	29.7	44.5#
54	49.0	43.1	64.7



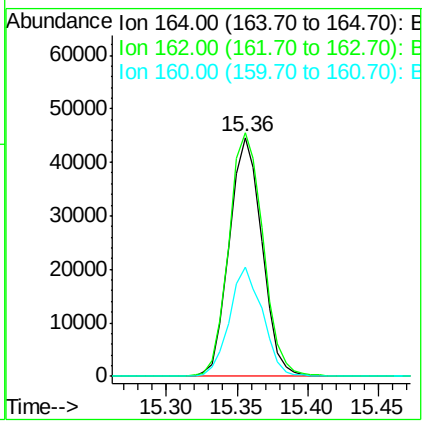


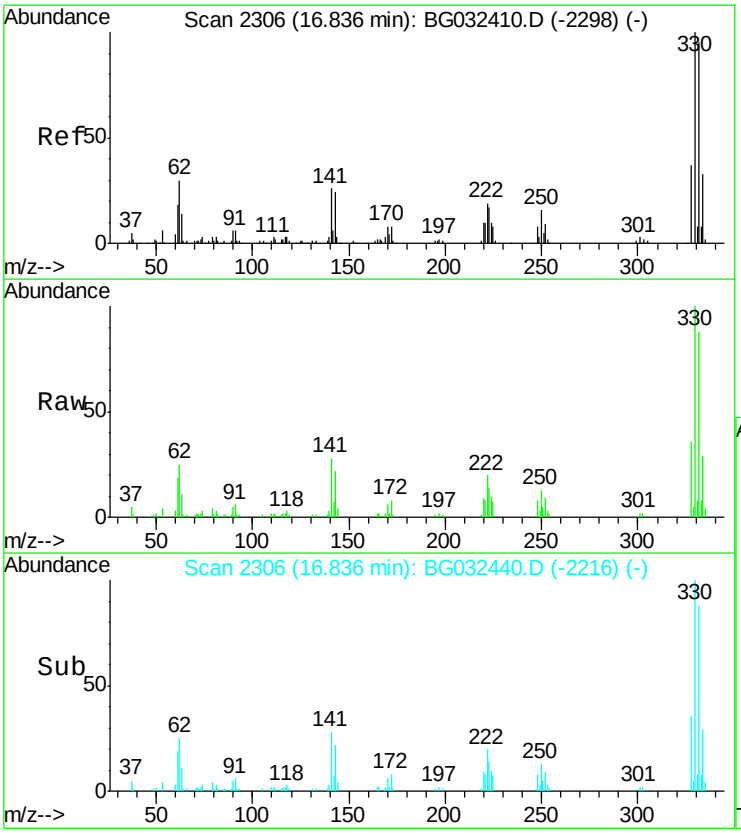
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 71907

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.9	35.4	53.0

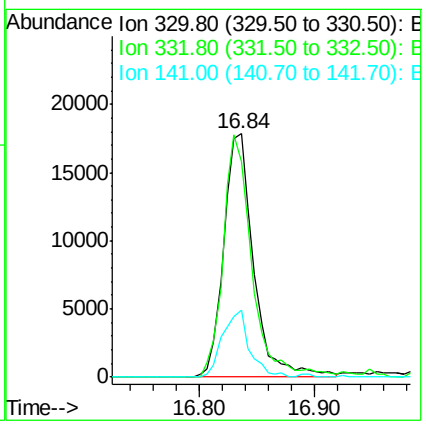


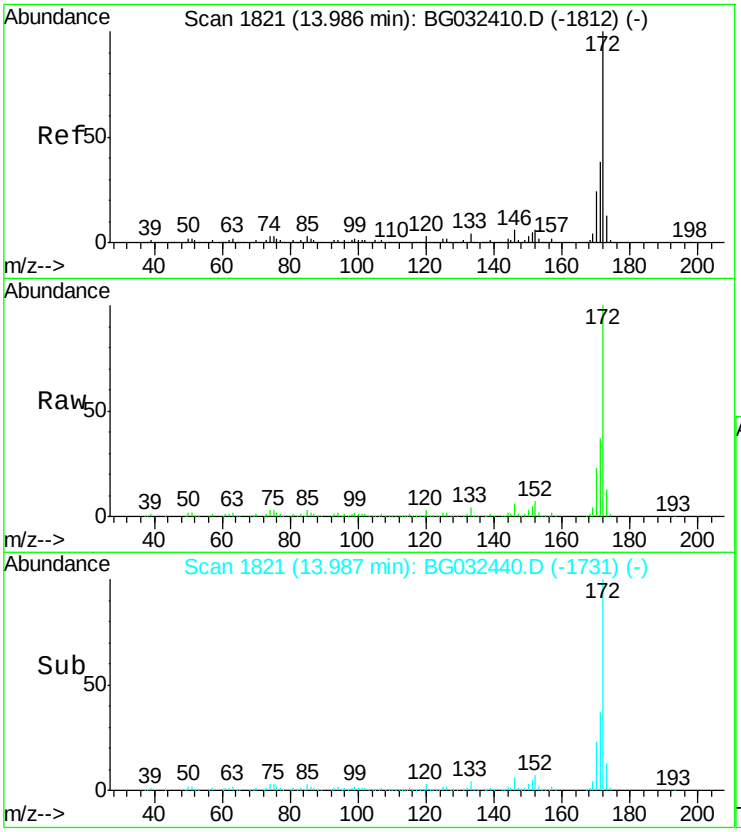


#41
2,4,6-Tribromophenol
Concen: 23.348 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:330 Resp: 31958

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	24.6	25.2	37.8#



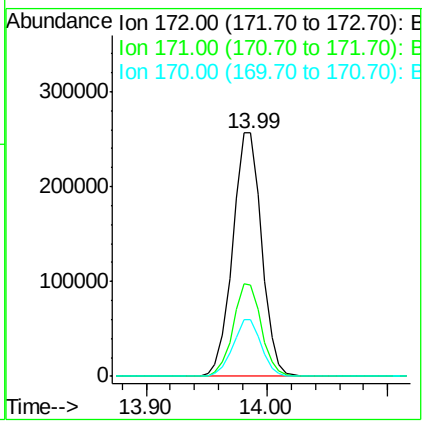


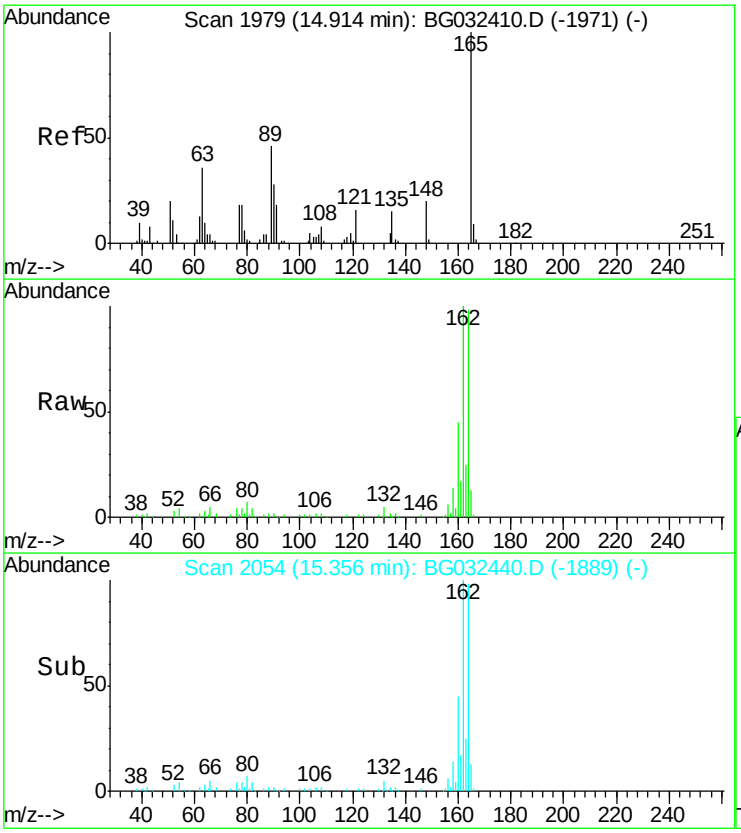
#44
2-Fluorobiphenyl
Concen: 70.882 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 428827

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.3	19.5	29.3

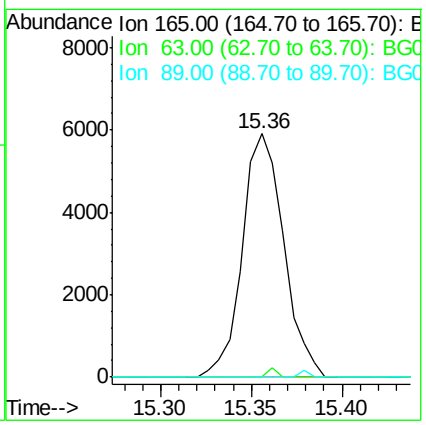


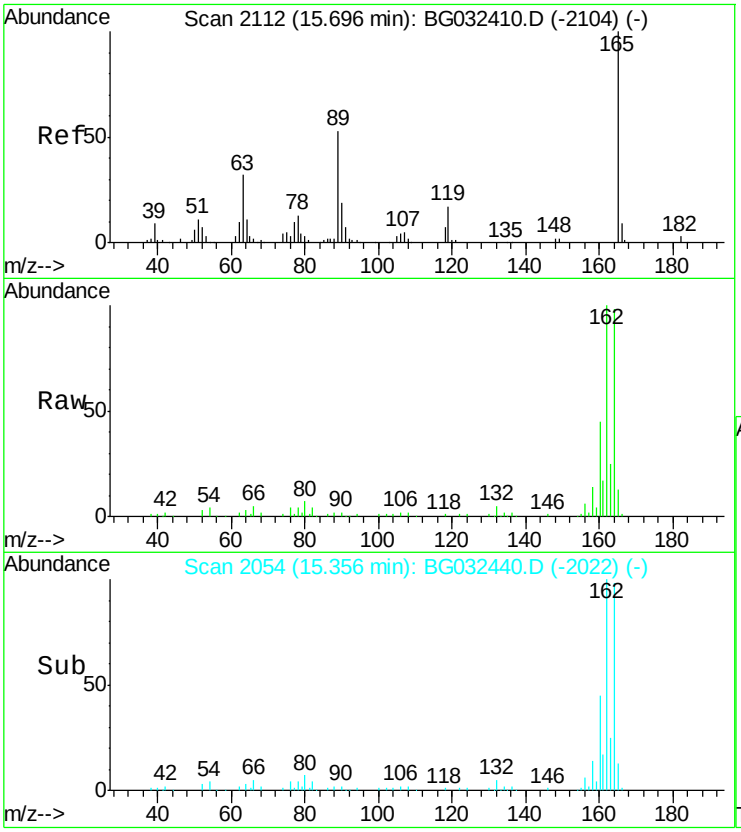


#50
2,6-Dinitrotoluene
Concen: 6.730 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:165 Resp: 9365

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



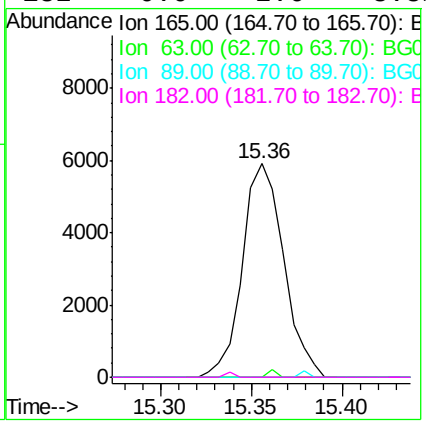


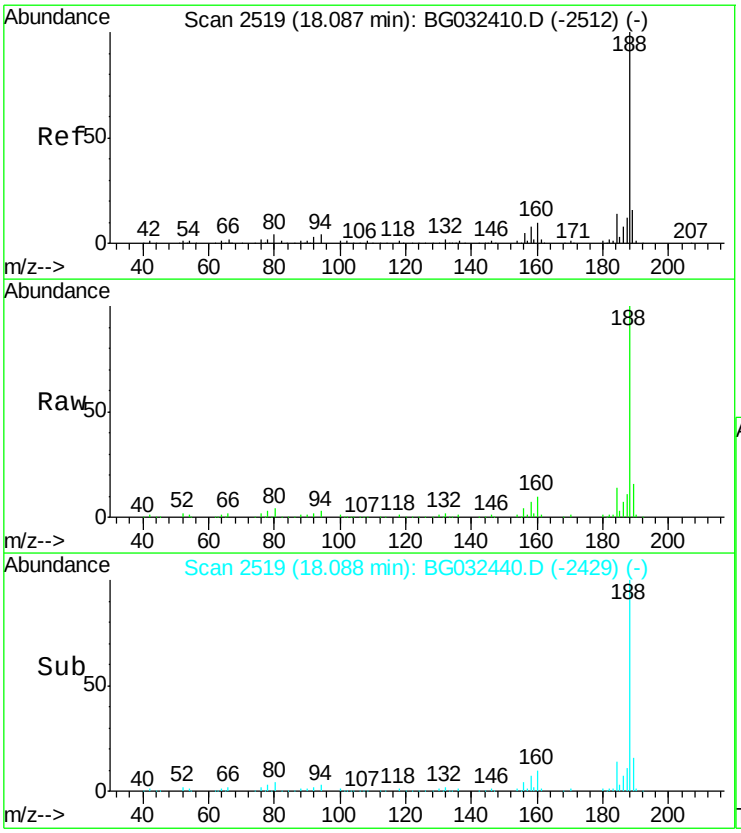
#56
2,4-Dinitrotoluene
Concen: 4.727 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9365

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

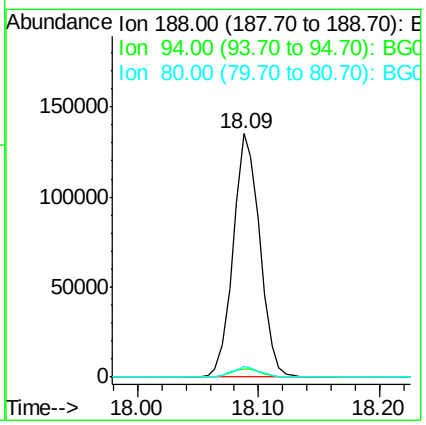


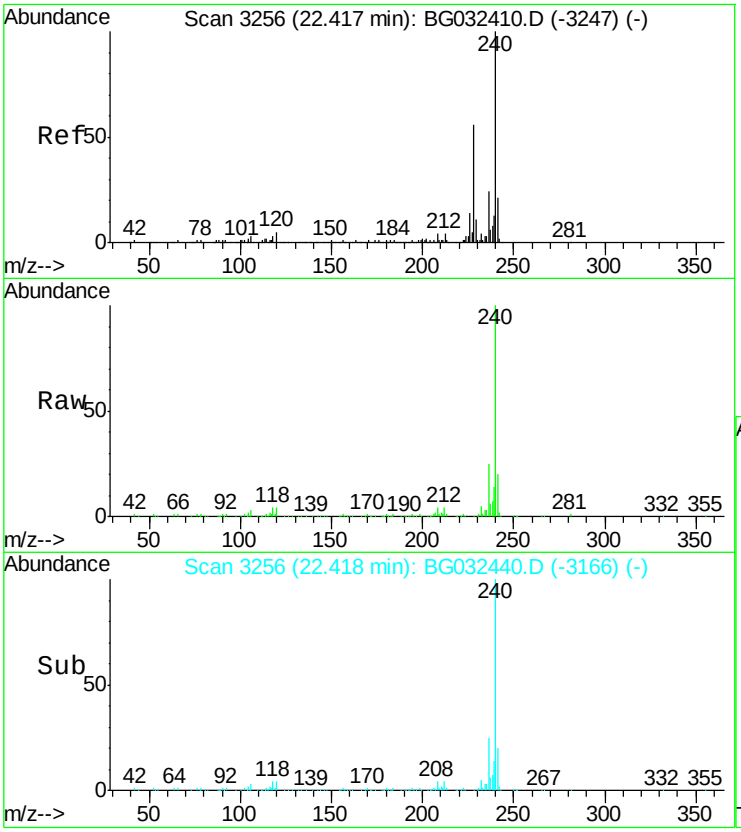


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:188 Resp: 207818

Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	4.1	7.7	11.5#



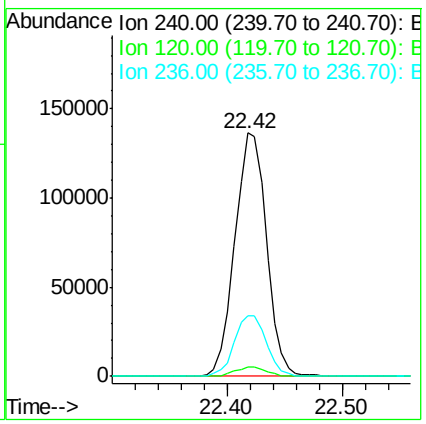


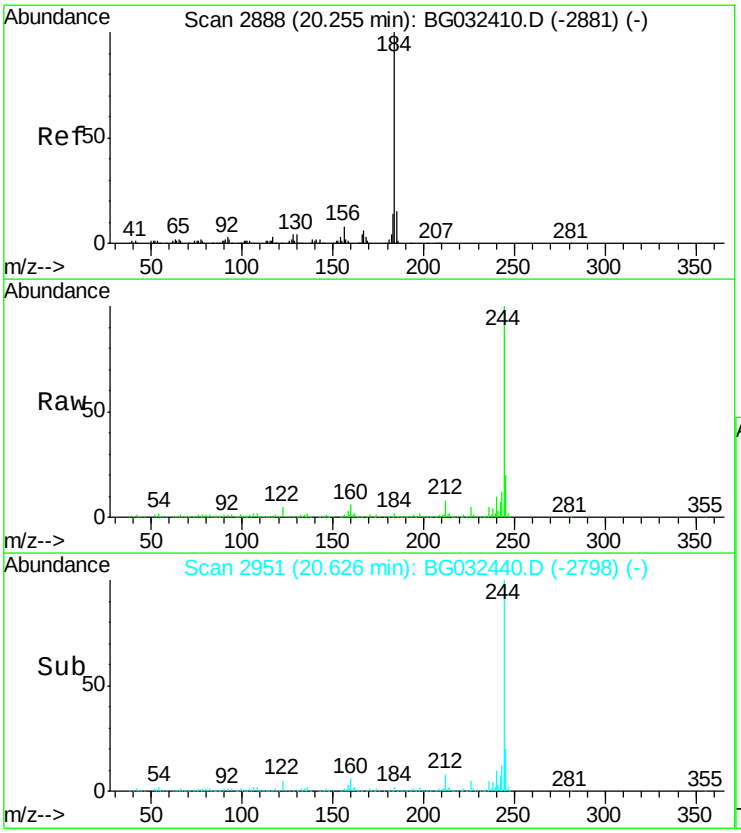
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 259728

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	24.9	20.9	31.3

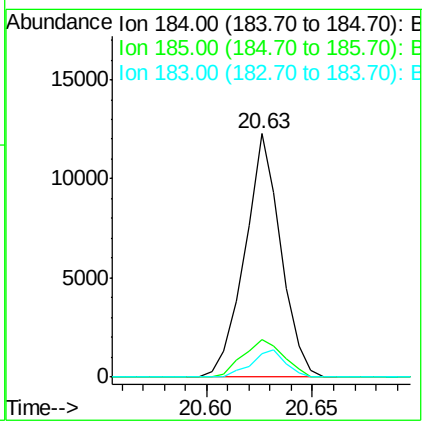


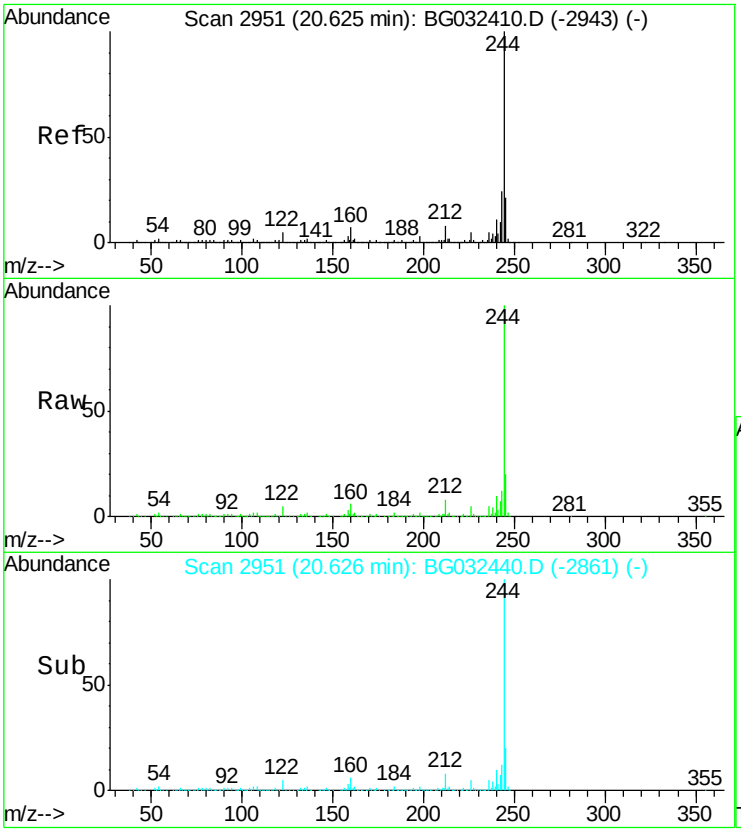


#76
Benzidine
Concen: 2.845 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:184 Resp: 14509

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	9.7	10.6	16.0#



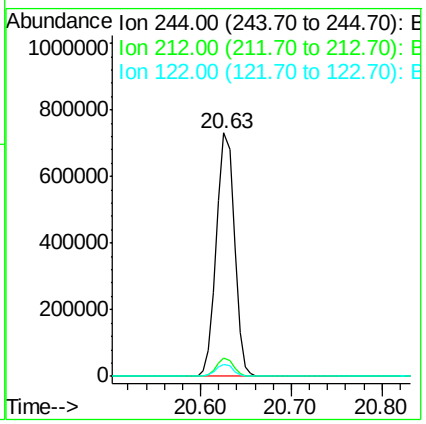


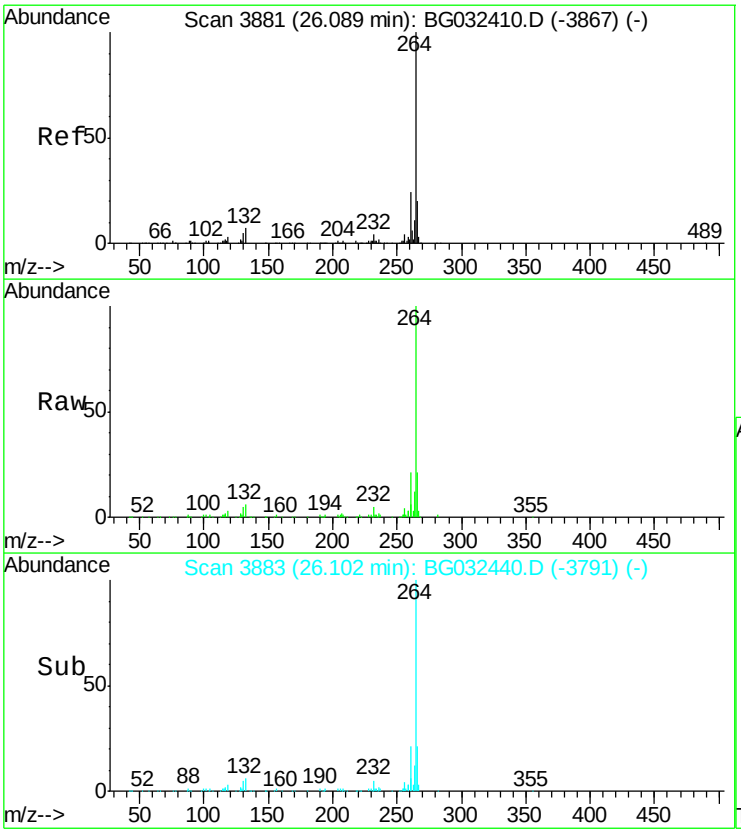
#78
Terphenyl-d14
Concen: 83.059 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1007098

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:264 Resp: 281878

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	20.8	17.7	26.5