Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032426.D
Acq On : 29 Jan 2018 22:27
Operator : SJ/JU
Sample : J1346-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FW-1-2

Quant Time: Jan 30 04:45:32 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	8.73	152	29261	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	116517	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	83959	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	231233	20.00	ng	0.00
75) Chrysene-d12	22.42	240	288557	20.00	ng	0.00
86) Perylene-d12	26.09	264	303485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	215001	147.58	ng	0.00
7) Phenol-d6	7.84	99	235459	121.12	ng	0.01
23) Nitrobenzene-d5	9.92	82	187521	100.52	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	264409	165.45	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	666058	94.29	ng	0.00
78) Terphenyl-d14	20.63	244	1457607	108.20	ng	0.00
Target Compounds						Qvalue
30) 1,2,4-Trichlorobenzene	11.46	180	7609	2.754	ng	# 94
31) Naphthalene	11.66	128	514083	90.336	ng	99
37) 2-Methylnaphthalene	13.21	142	70536	14.754	ng	95
48) Acenaphthylene	15.08	152	32314	3.845	ng	95
49) Dimethylphthalate	14.78	163	19595	2.531	ng	100
70) Phenanthrene	18.13	178	35148	2.726	ng	97
76) Benzidine	20.25	184	28843	5.090	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032426.D
Acq On : 29 Jan 2018 22:27
Operator : SJ/JU
Sample : J1346-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Quant Time: Jan 30 04:45:32 2018
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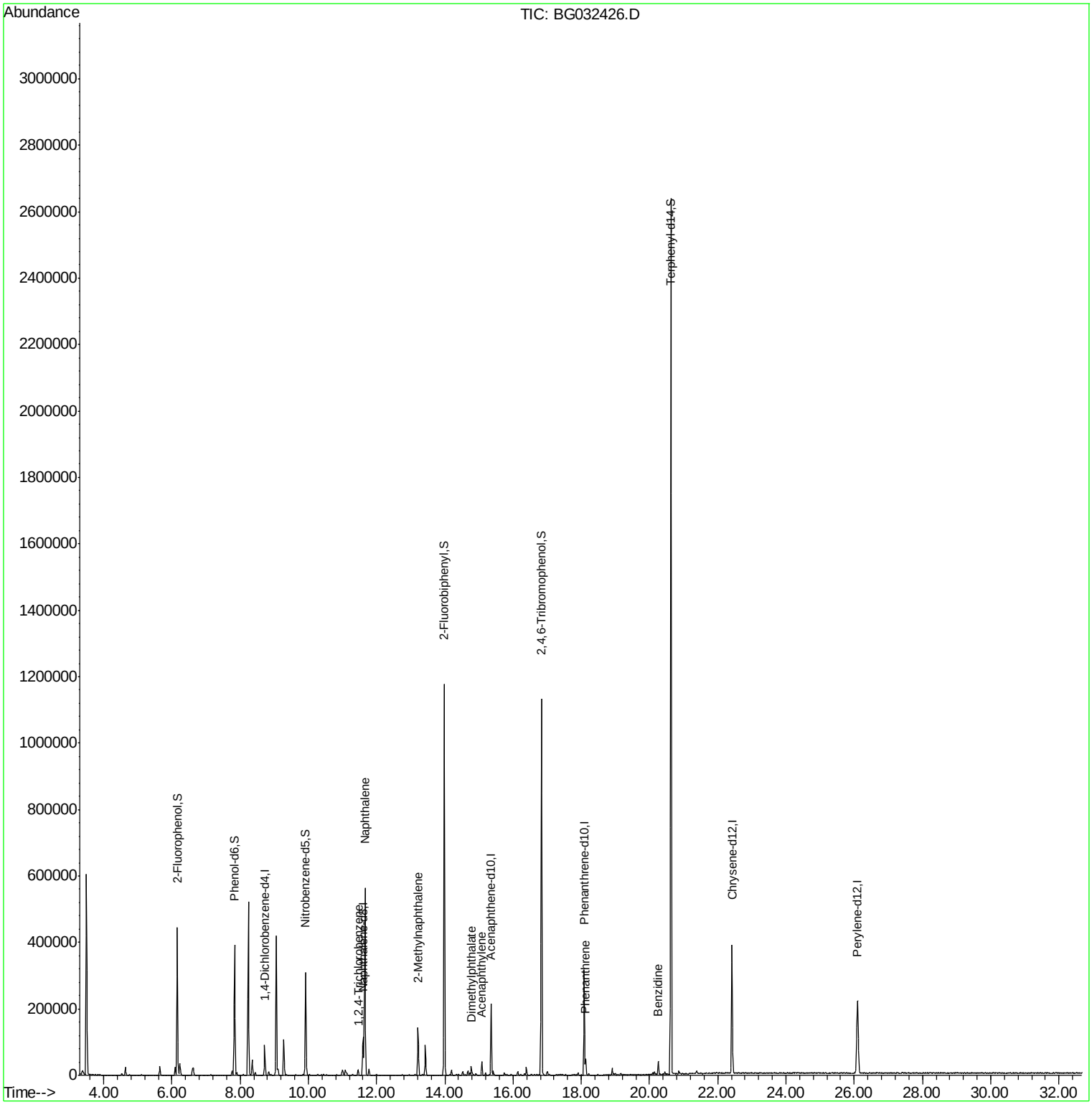
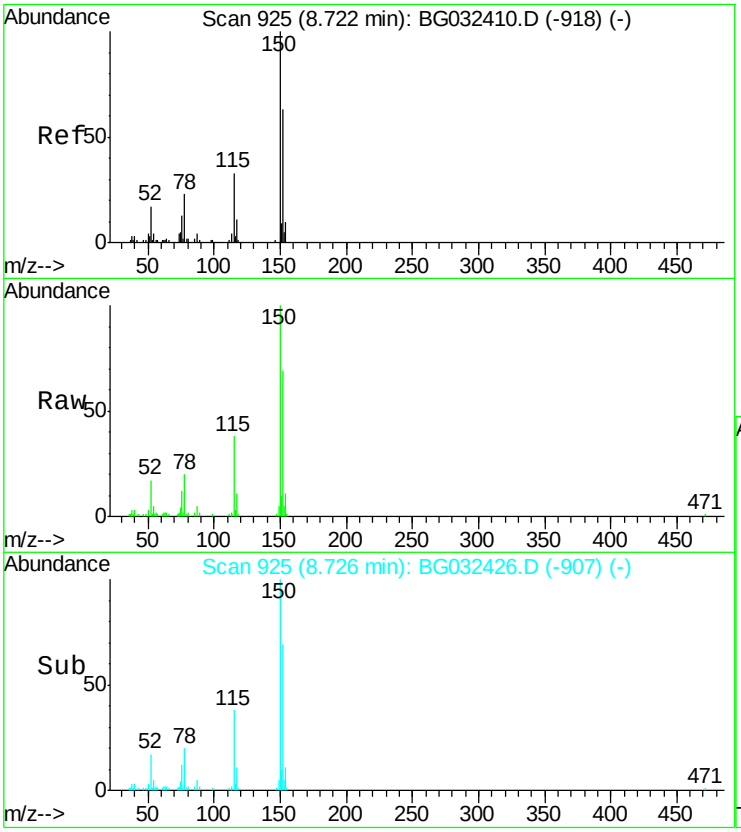
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



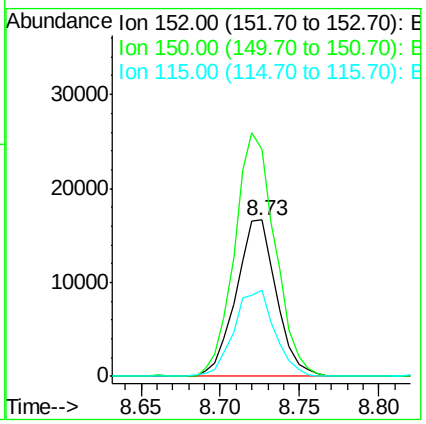


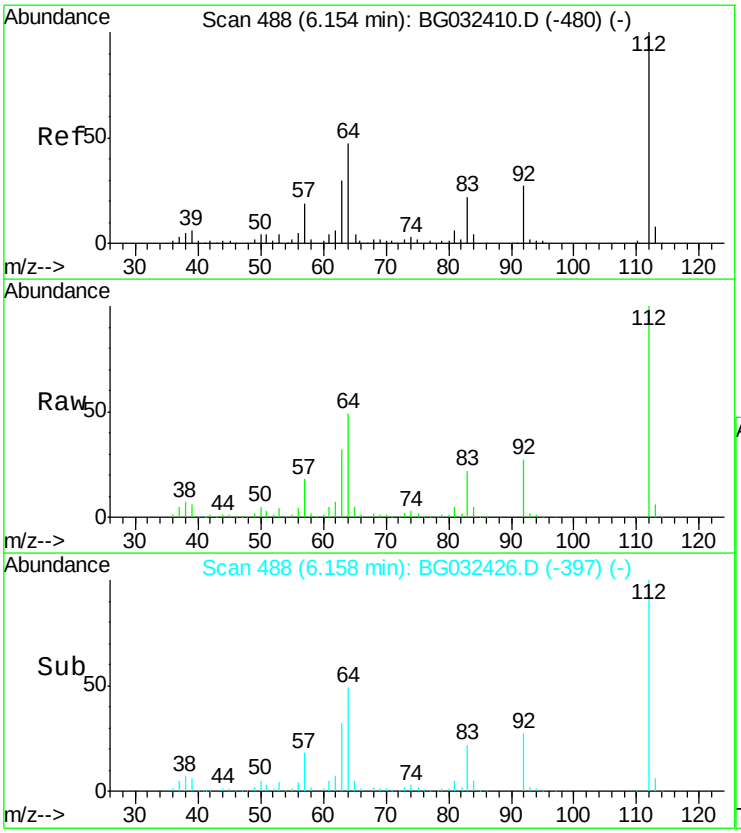
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:152 Resp: 29261

Ion	Ratio	Lower	Upper
152	100		
150	145.2	126.6	189.8
115	55.1	53.0	79.4

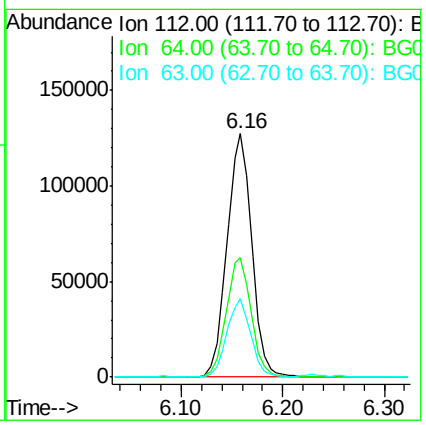


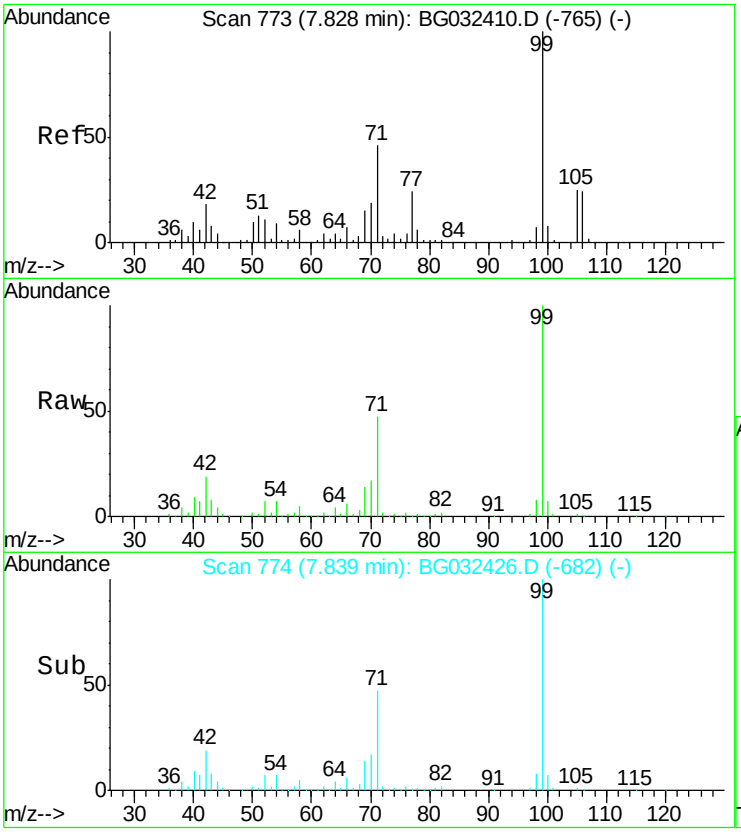


#5
2-Fluorophenol
Concen: 147.583 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:112 Resp: 215001

Ion	Ratio	Lower	Upper
112	100		
64	48.8	56.3	84.5#
63	32.1	30.1	45.1



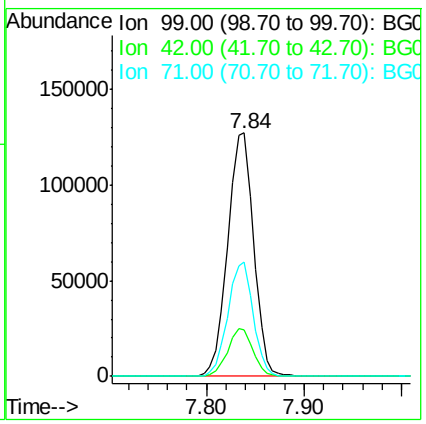


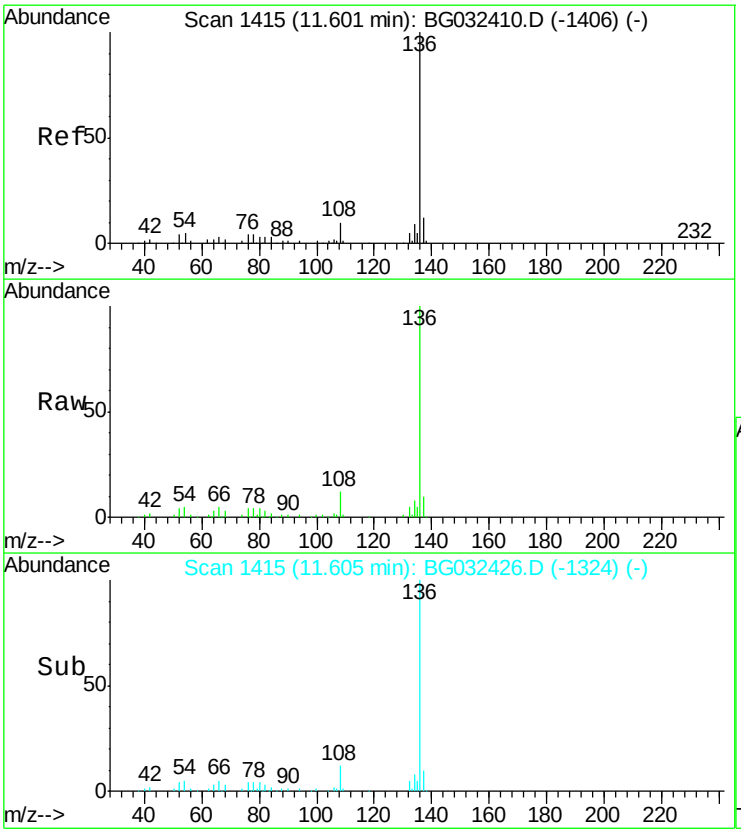
#7
Phenol-d6
Concen: 121.121 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion: 99 Resp: 235459

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	47.1	26.1	39.1#

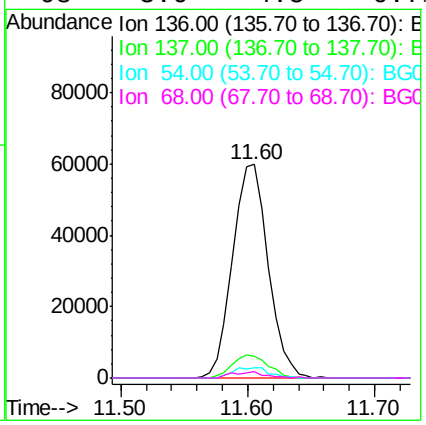


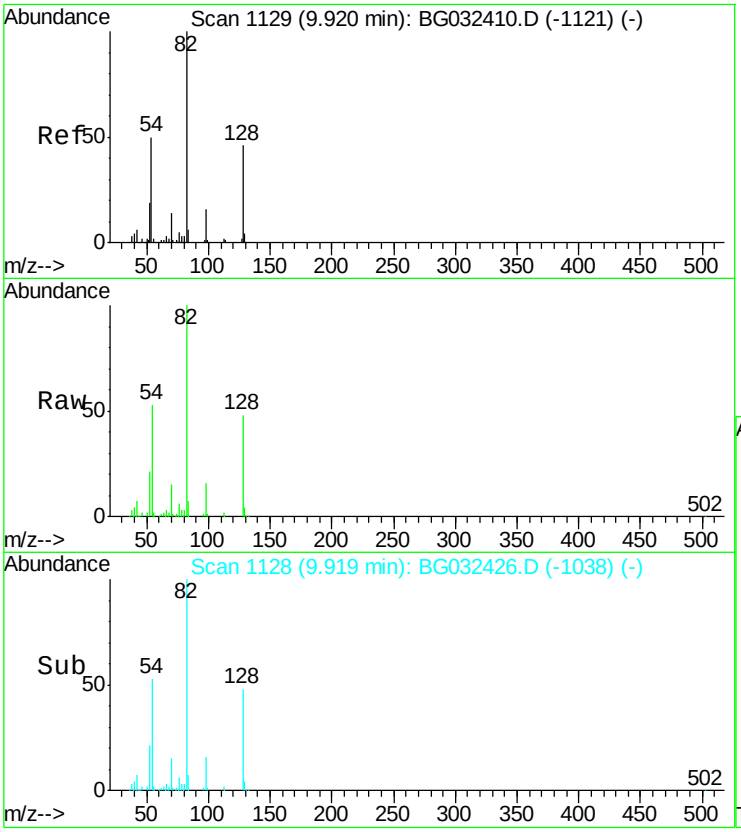


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:136 Resp: 116517

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	5.1	10.3	15.5#
68	3.0	4.5	6.7#



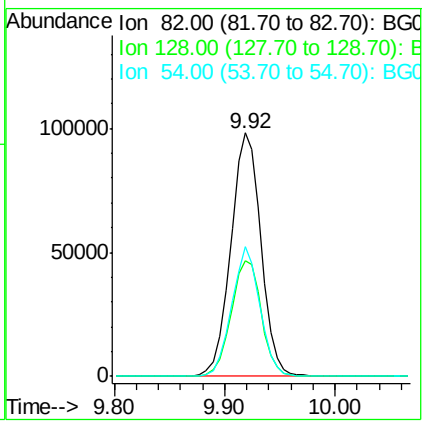


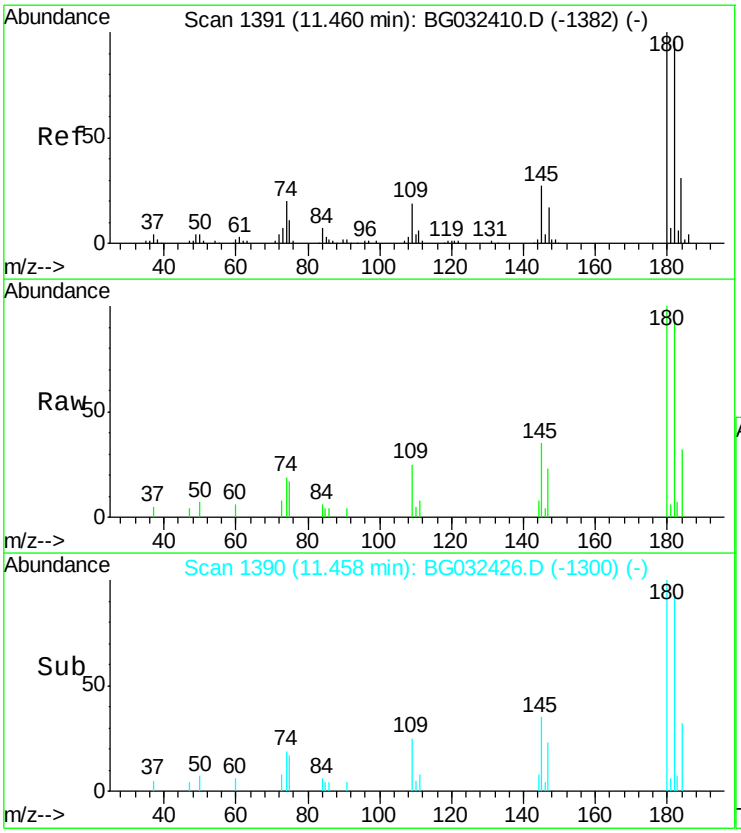
#23
Nitrobenzene-d5
Concen: 100.523 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion: 82 Resp: 187521

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	53.2	43.1	64.7

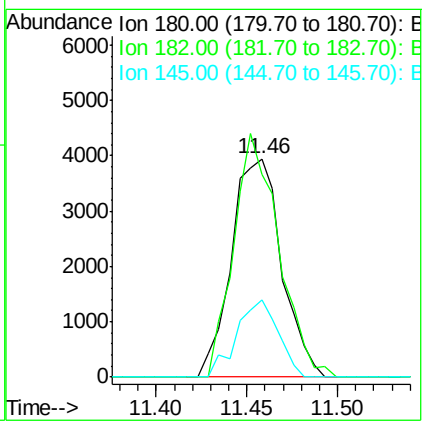


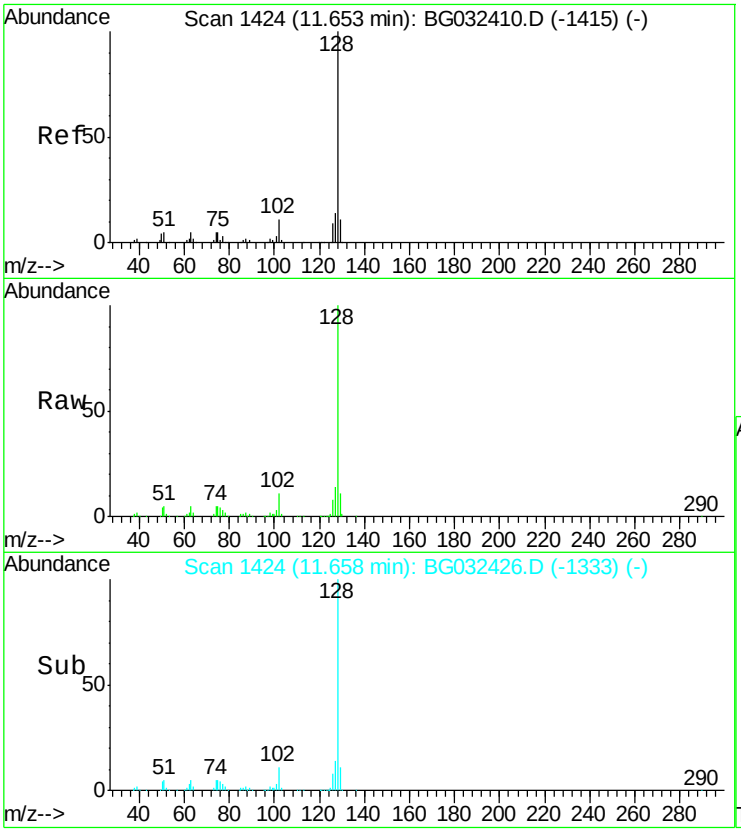


#30
1,2,4-Trichlorobenzene
Concen: 2.754 ng
RT: 11.46 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:180 Resp: 7609

Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.5	116.3
145	35.2	23.4	35.2#



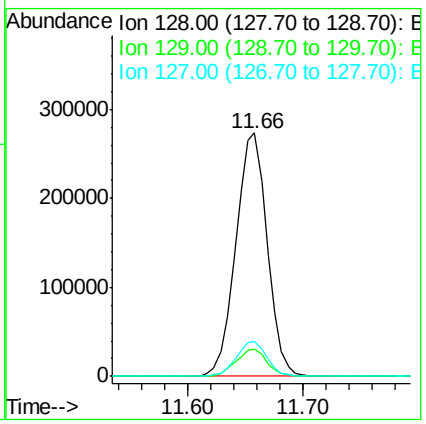


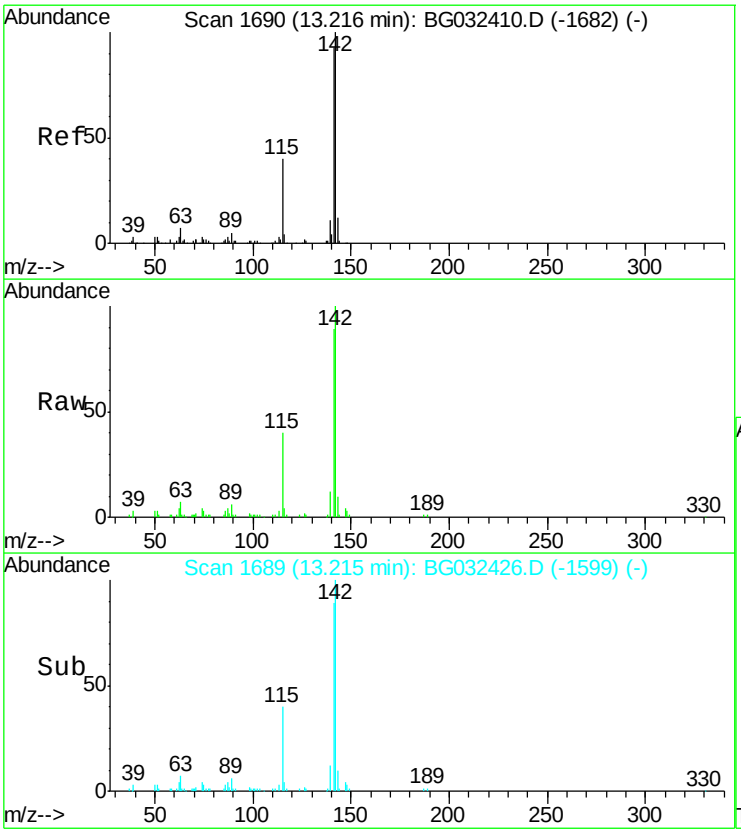
#31
Naphthalene
Concen: 90.336 ng
RT: 11.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:128 Resp: 514083

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4

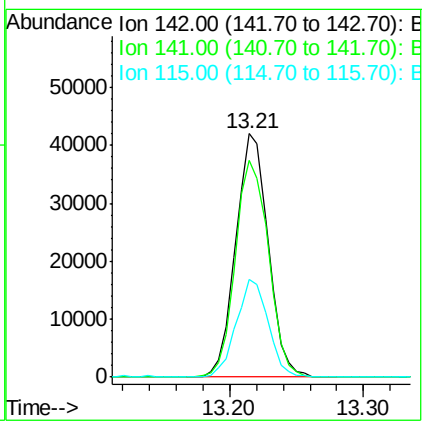


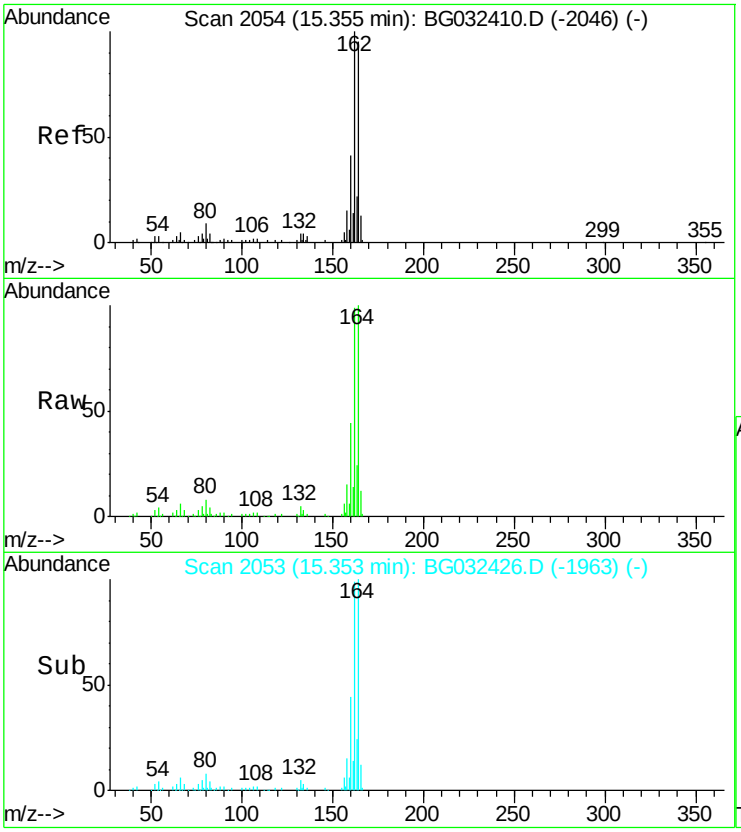


#37
2-Methylnaphthalene
Concen: 14.754 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:142 Resp: 70536

Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.1	100.7
115	40.1	30.7	46.1



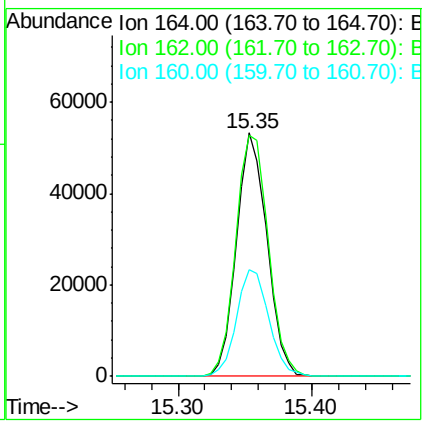


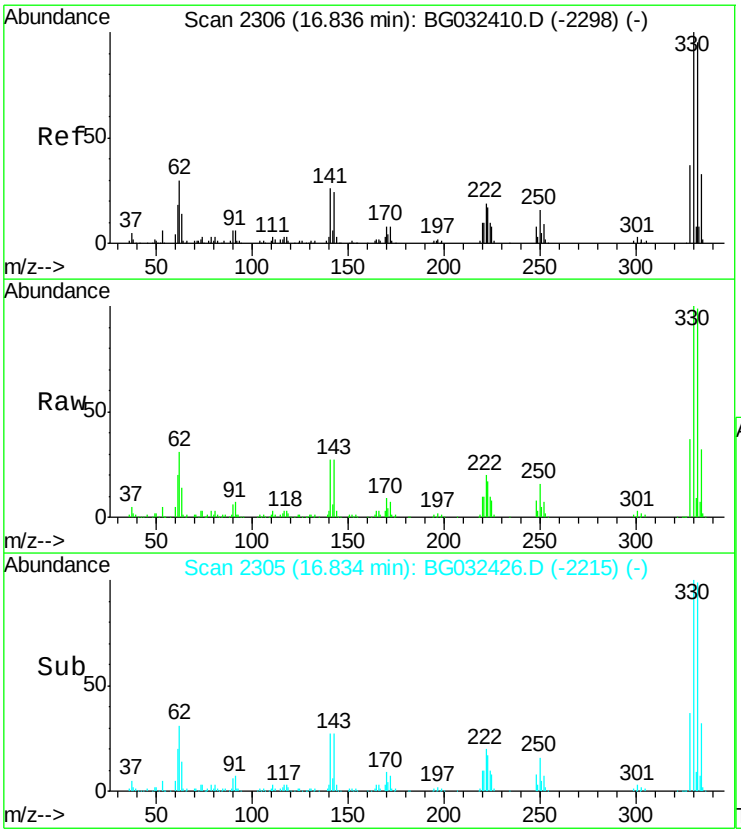
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:164 Resp: 83959

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	44.1	35.4	53.0

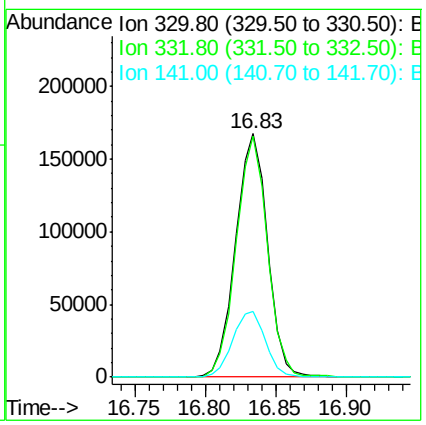


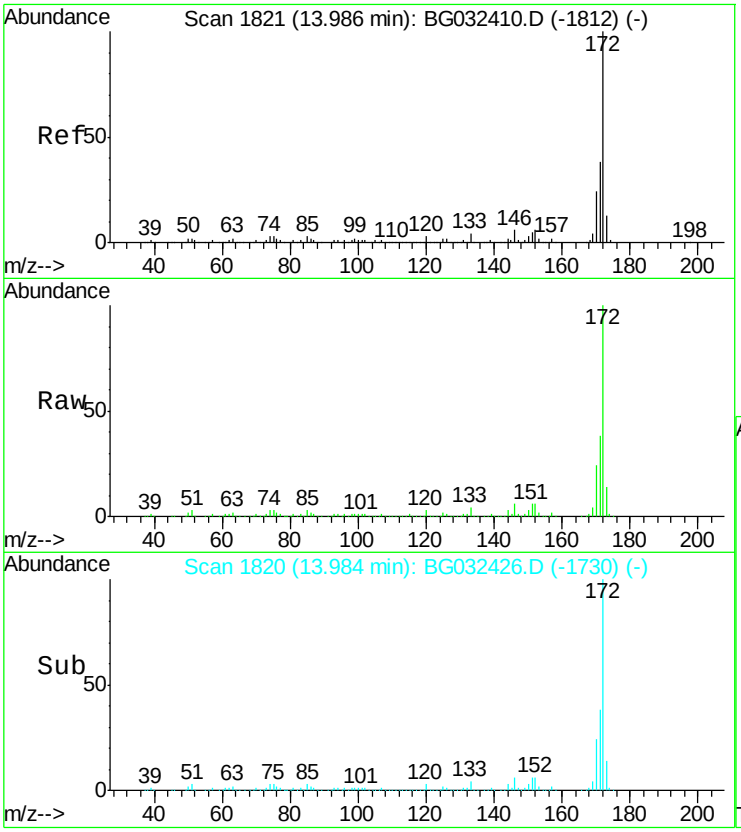


#41
2,4,6-Tribromophenol
Concen: 165.446 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:330 Resp: 264409

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.9	25.2	37.8



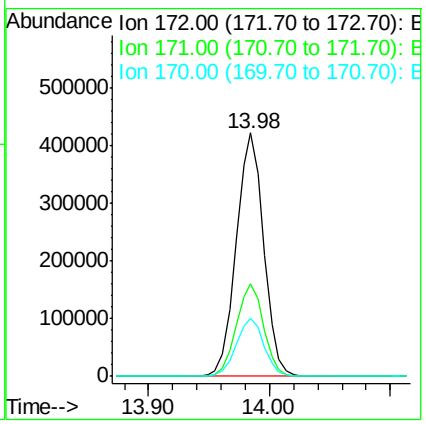


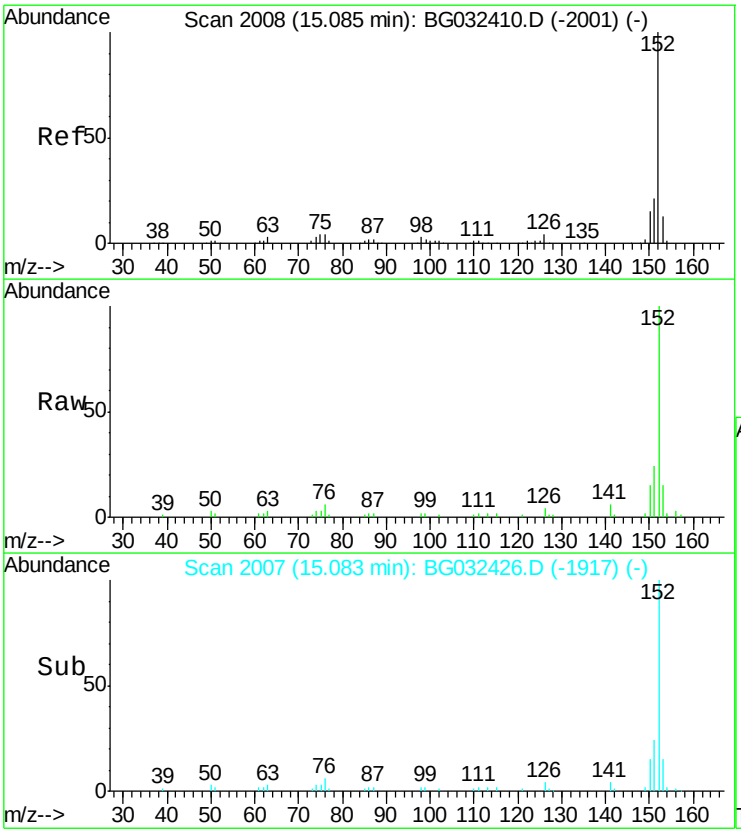
#44
2-Fluorobiphenyl
Concen: 94.291 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:172 Resp: 666058

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.0	19.5	29.3

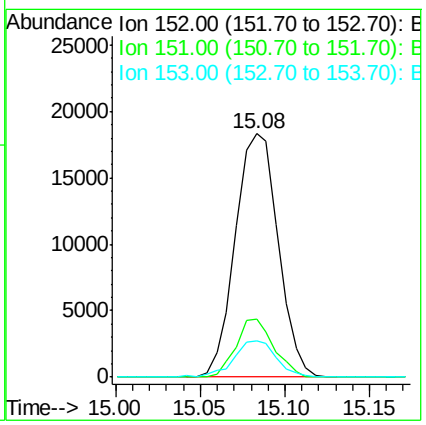


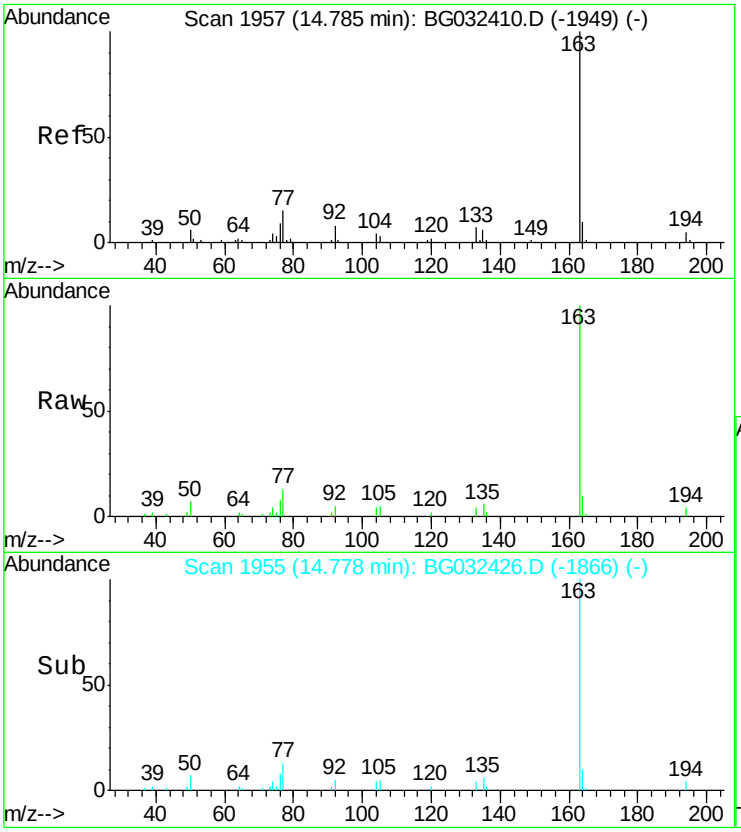


#48
Acenaphthylene
Concen: 3.845 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:152 Resp: 32314

Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.2	25.8
153	14.7	10.2	15.4



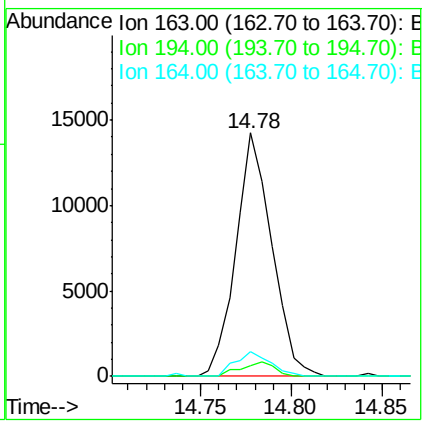


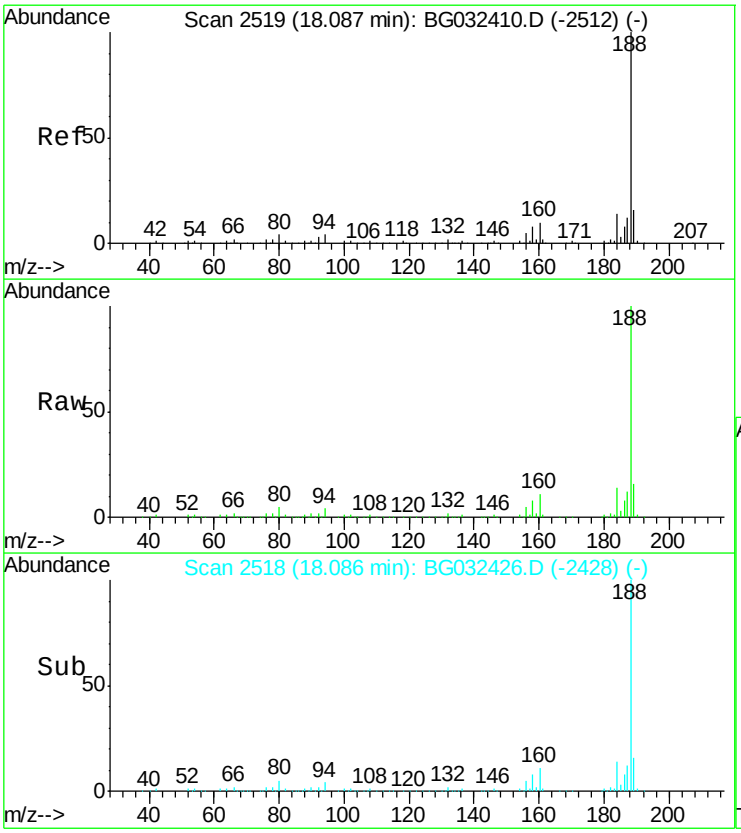
#49
Dimethylphthalate
Concen: 2.531 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:163 Resp: 19595

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.4

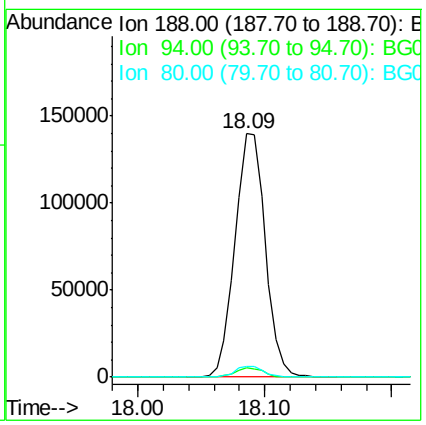


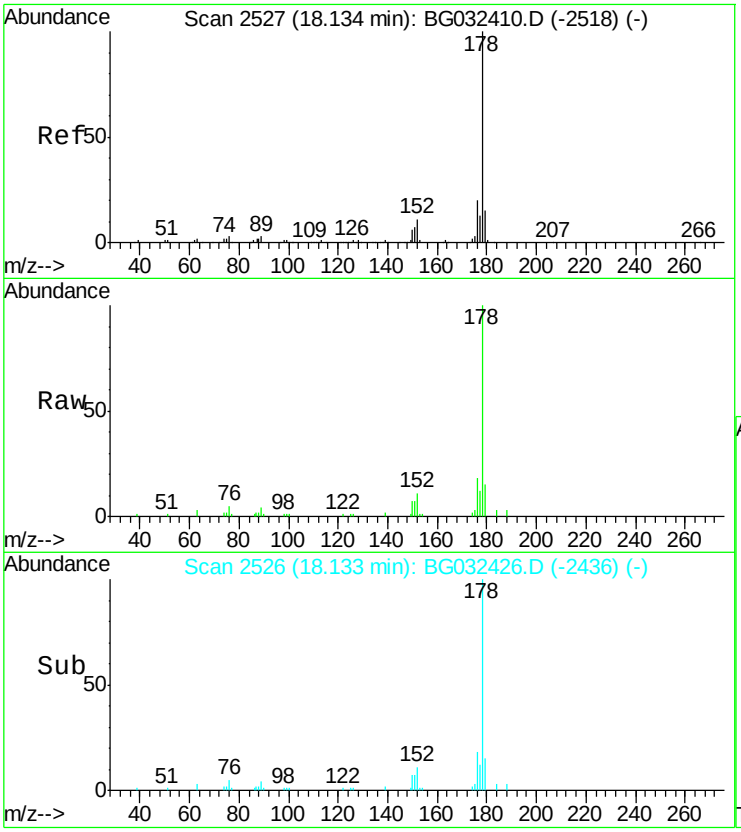


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:188 Resp: 231233

Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	4.5	7.7	11.5#



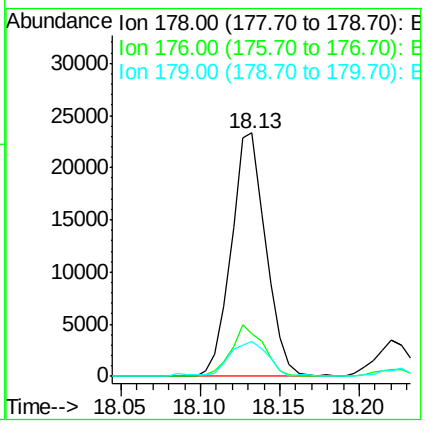


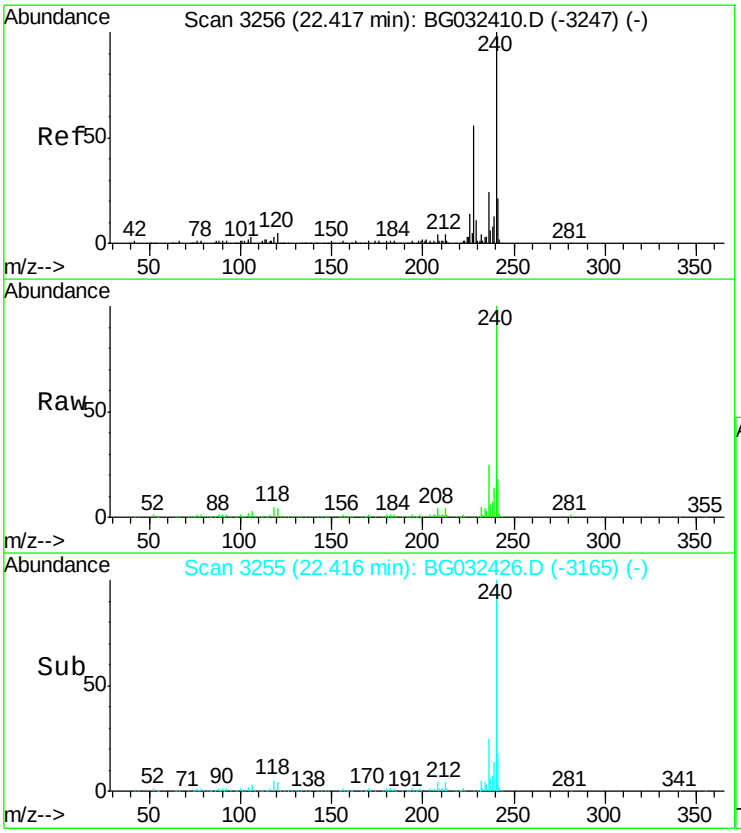
#70
Phenanthrene
Concen: 2.726 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:178 Resp: 35148

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.7	23.5
179	14.6	12.5	18.7

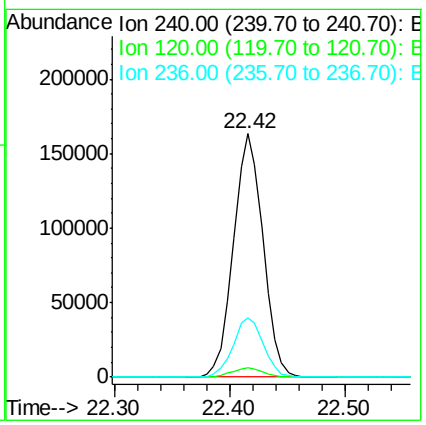


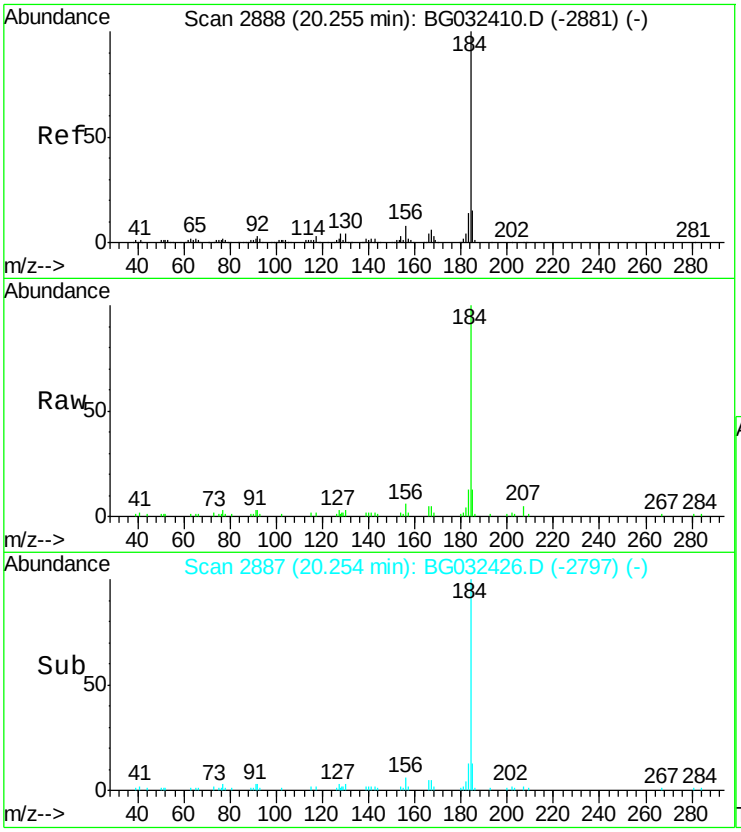


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:240 Resp: 288557

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.5	20.9	31.3



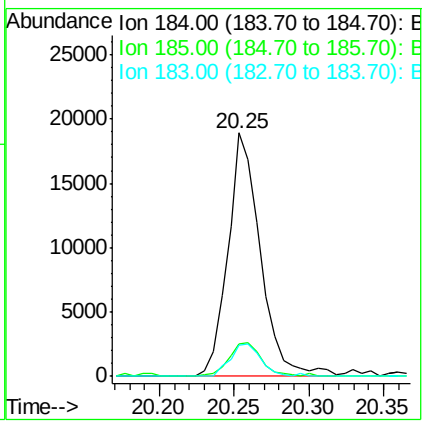


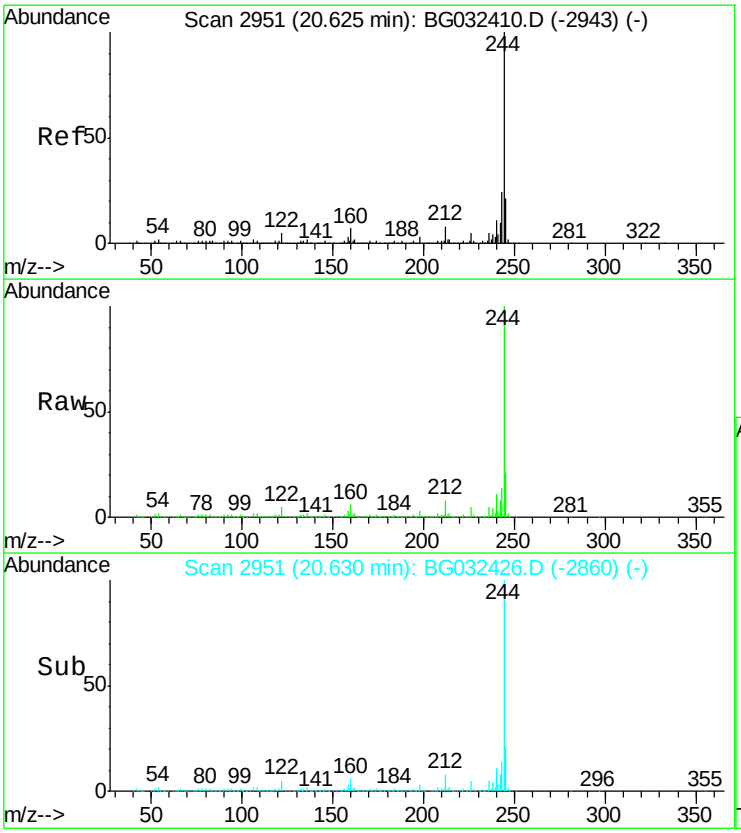
#76
Benzidine
Concen: 5.090 ng
RT: 20.25 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:184 Resp: 28843

Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.1	16.7
183	12.9	10.6	16.0

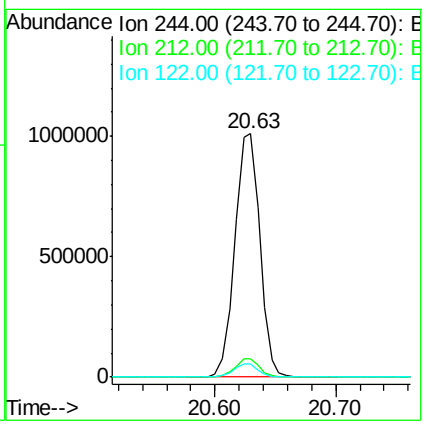


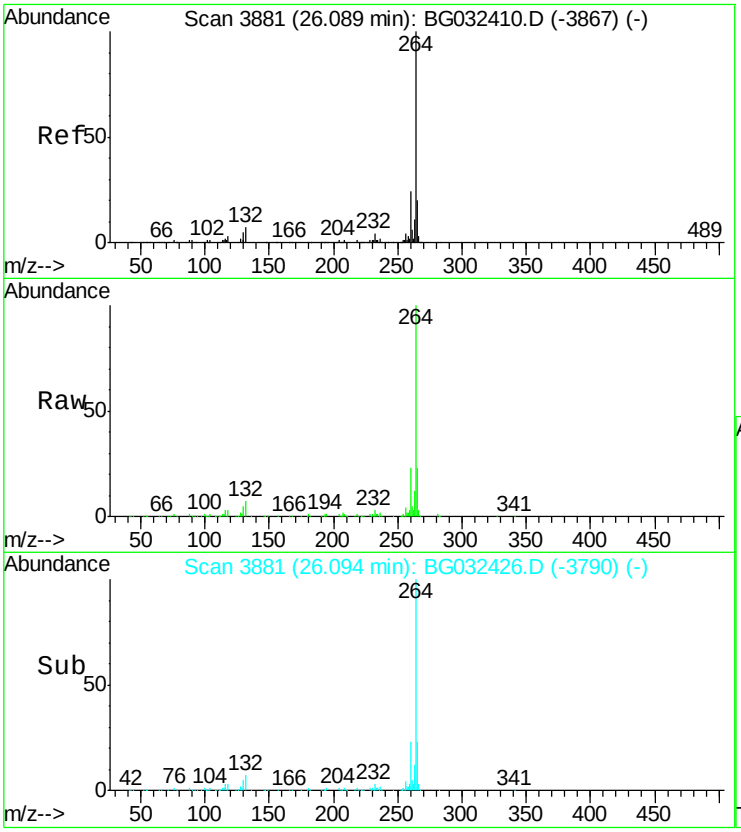


#78
Terphenyl-d14
Concen: 108.204 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:244 Resp: 1457607

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:264 Resp: 303485

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	23.3	17.7	26.5