

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044526.D
 Acq On : 20 Feb 2020 18:36
 Operator : CG/JU
 Sample : L1577-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WFD-GW-01-23

Quant Time: Feb 21 07:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

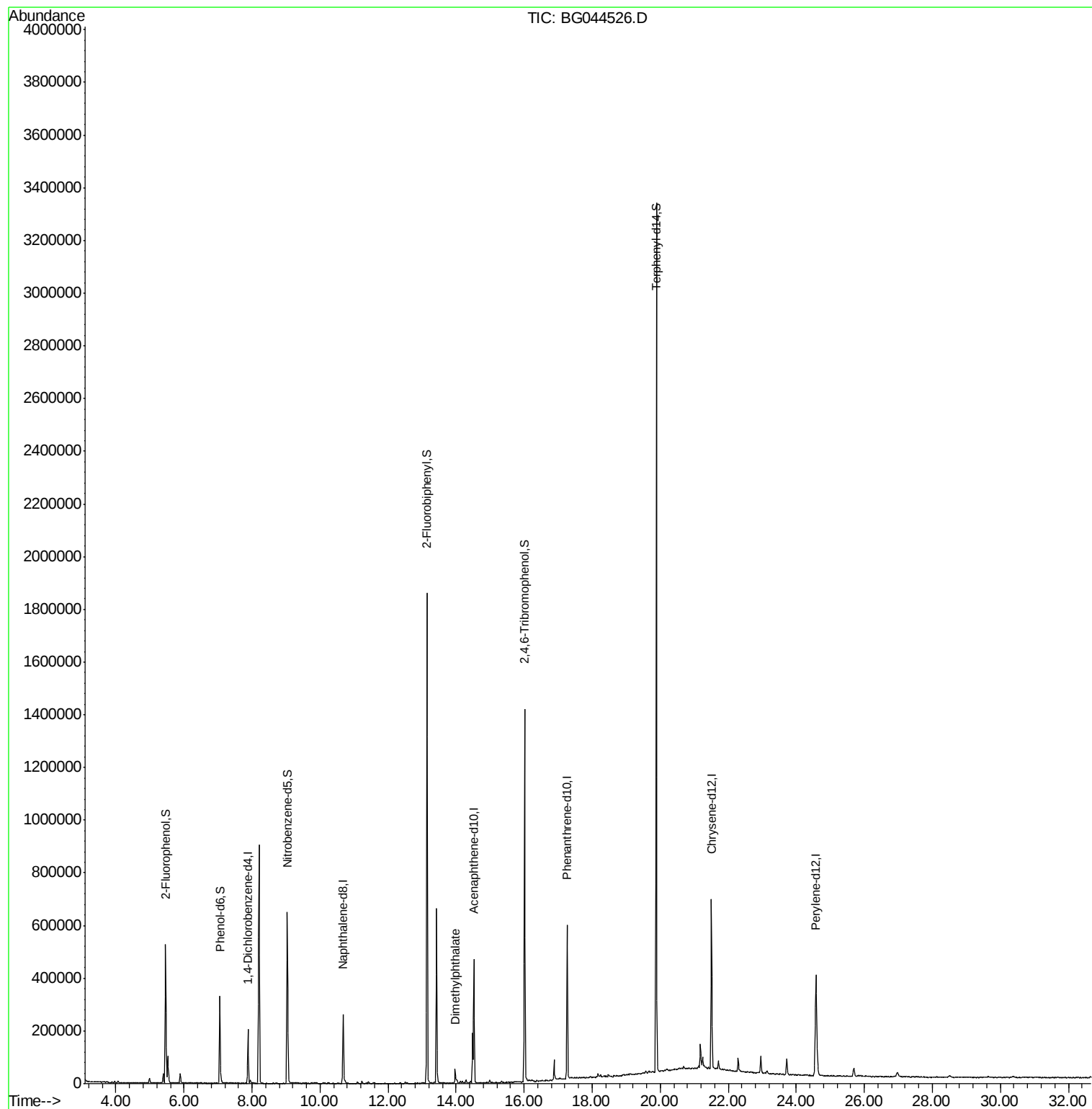
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	61428	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	253145	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	164434	20.00	ng	-0.02
64) Phenanthrene-d10	17.26	188	367921	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	373463	20.00	ng	-0.03
87) Perylene-d12	24.58	264	399397	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	271237	77.93	ng	-0.02
7) Phenol-d6	7.05	99	226177	48.39	ng	-0.02
23) Nitrobenzene-d5	9.04	82	434610	96.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	292564	151.56	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	1015177	103.38	ng	-0.02
79) Terphenyl-d14	19.89	244	1621179	89.29	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.97	163	40970	3.466	ng	Qvalue 98

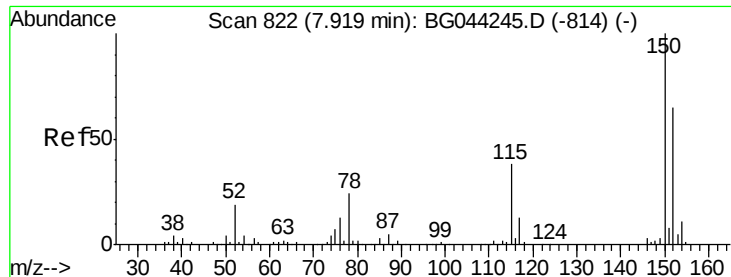
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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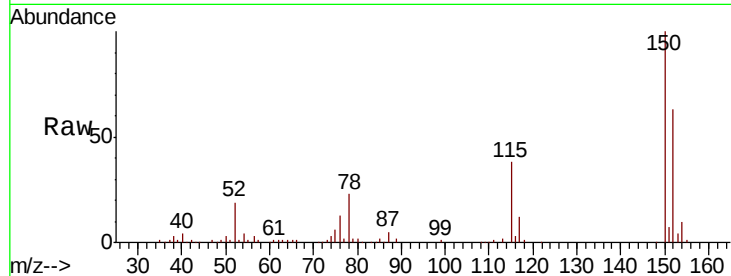


#1

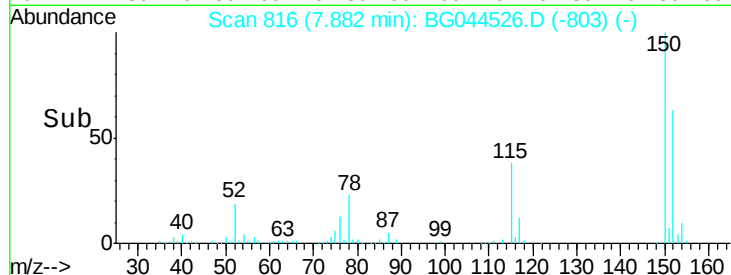
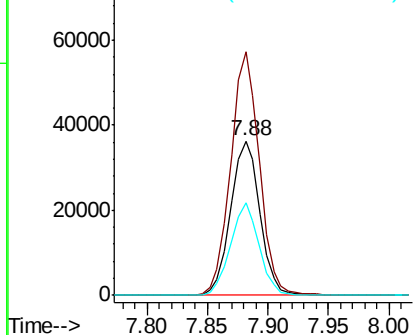
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :
WFD-GW-01-23

Tot Ion:152 Resp: 61428
Ion Ratio Lower Upper
152 100
150 157.9 122.6 183.8
115 59.7 46.0 69.0



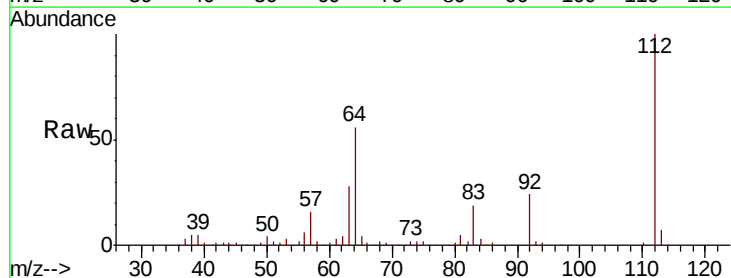
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



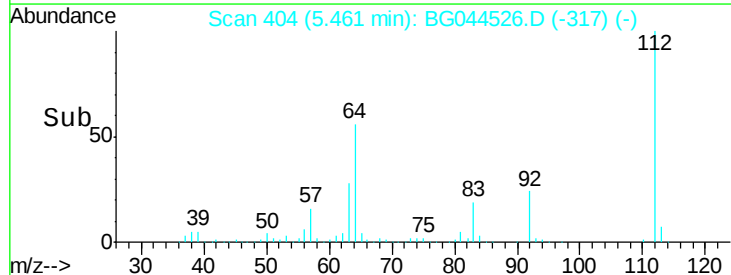
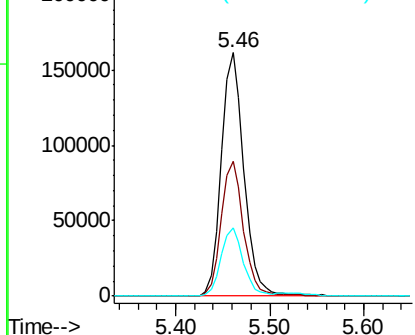
#5

2-Fluorophenol
Concen: 77.927 ng
RT: 5.46 min Scan# 404
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Tgt Ion:112 Resp: 271237
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 48.391 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044526.D

Acq: 20 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

WFD-GW-01-23

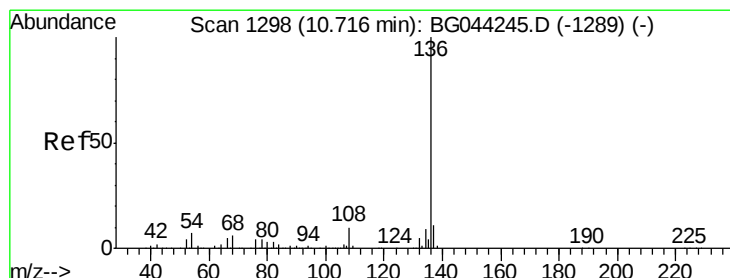
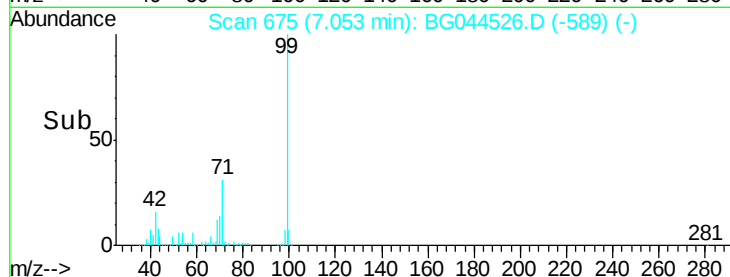
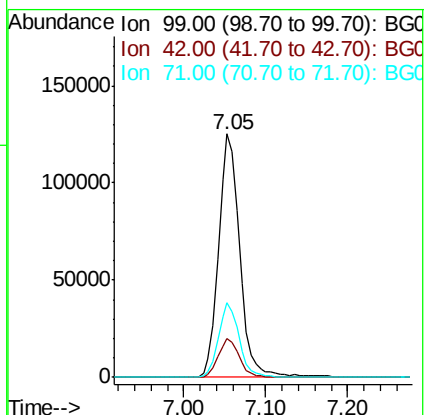
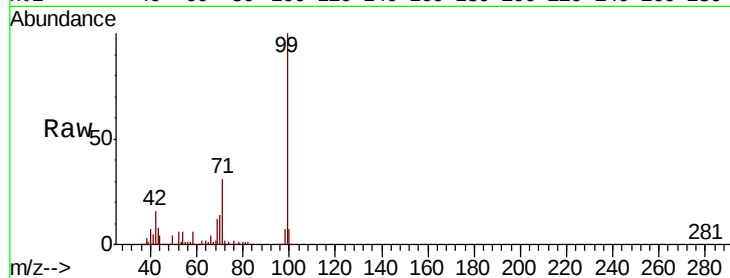
Tot Ion: 99 Resp: 226177

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.6

71 30.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044526.D

Acq: 20 Feb 2020 18:36

Tgt Ion: 136 Resp: 253145

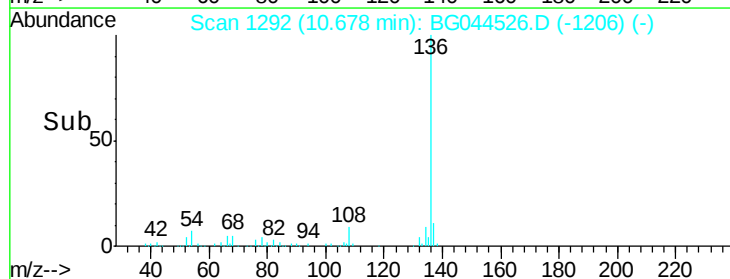
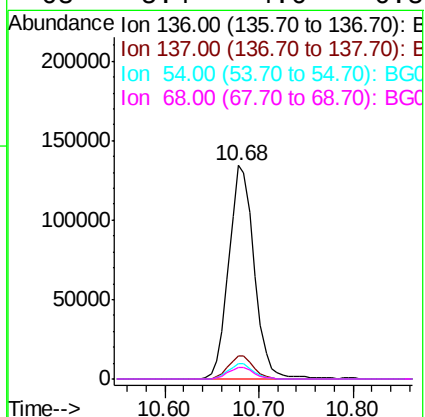
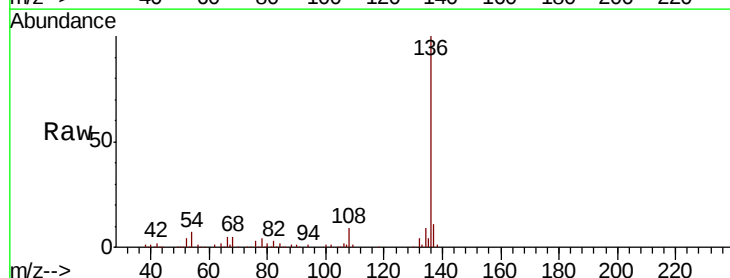
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.2 5.8 8.8

68 5.4 4.6 6.8

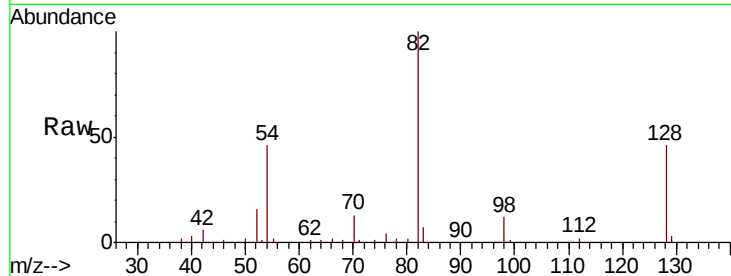




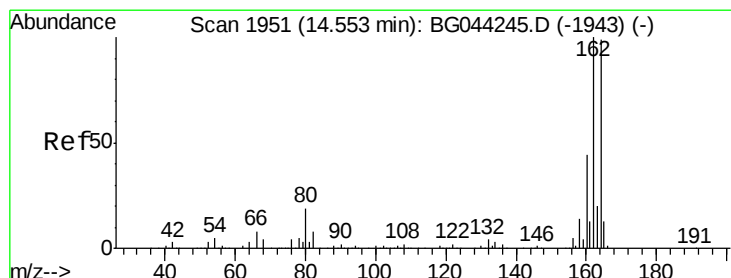
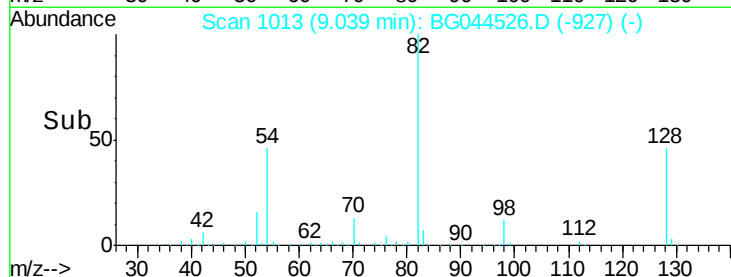
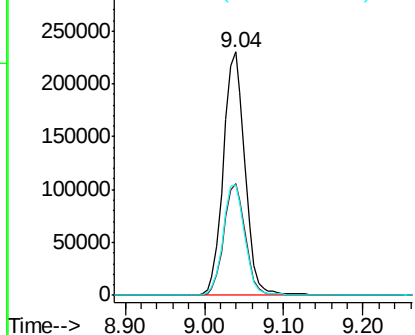
#23
Nitrobenzene-d5
Concen: 96.927 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :
WFD-GW-01-23

Tot Ion: 82 Resp: 434610
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 45.5 38.6 58.0

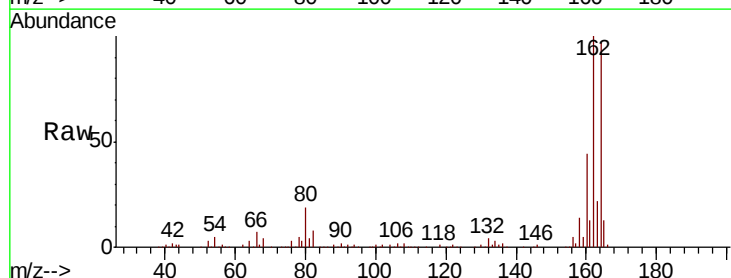


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

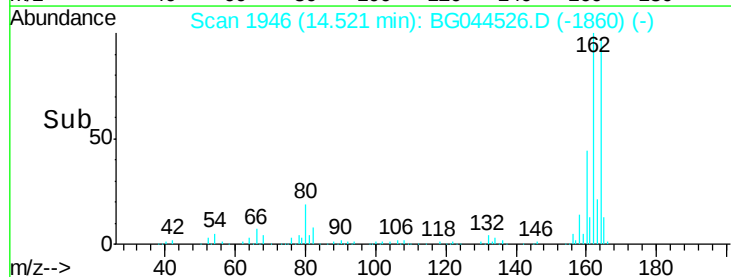
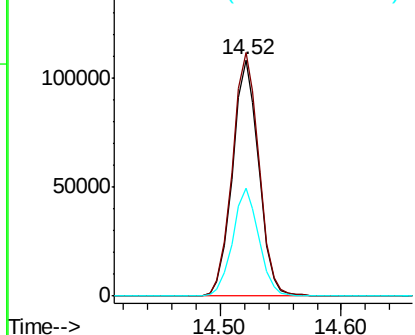


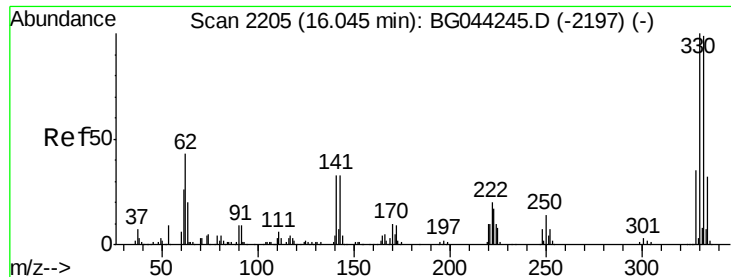
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Tgt Ion: 164 Resp: 164434
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 45.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

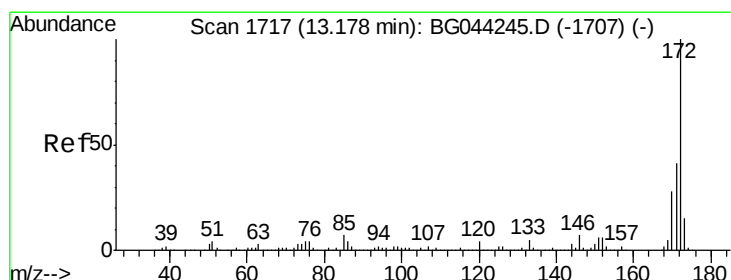
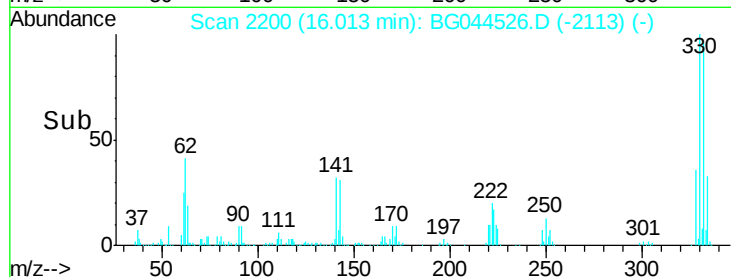
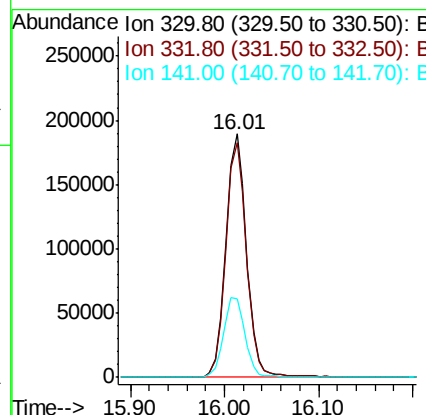
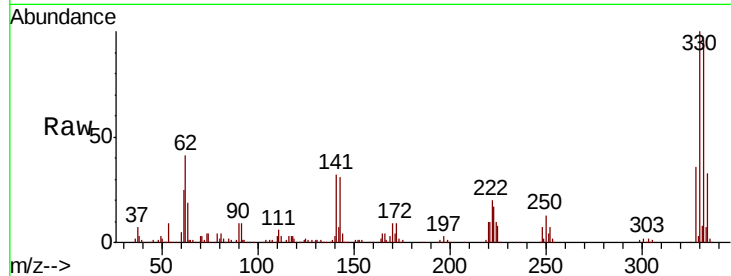




#42
 2,4,6-Tribromophenol
 Concen: 151.559 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044526.D
 Acq: 20 Feb 2020 18:36

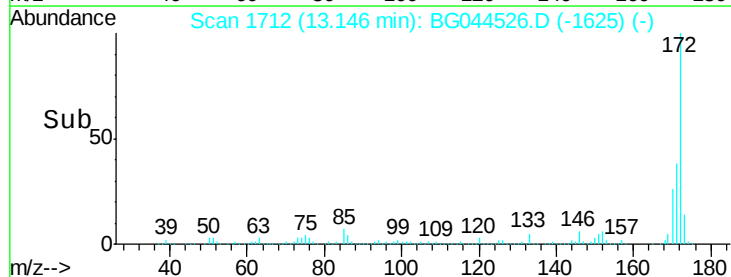
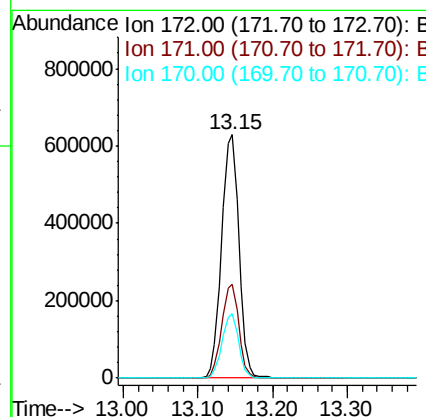
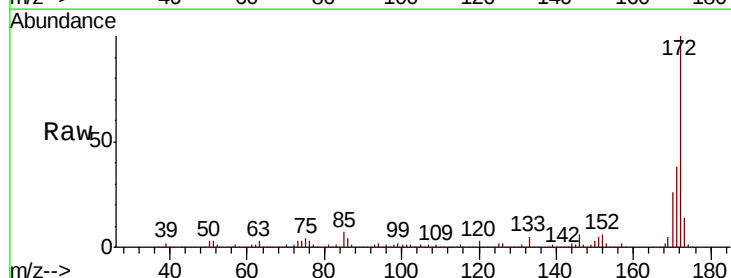
Instrument :
 BNA_G
 ClientSampleId :
 WFD-GW-01-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	34.3	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 103.383 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG044526.D
 Acq: 20 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	26.2	22.0	33.0

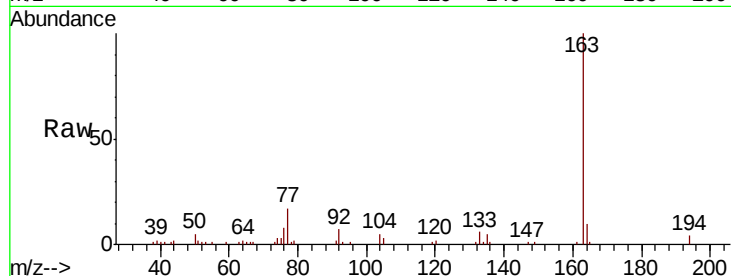




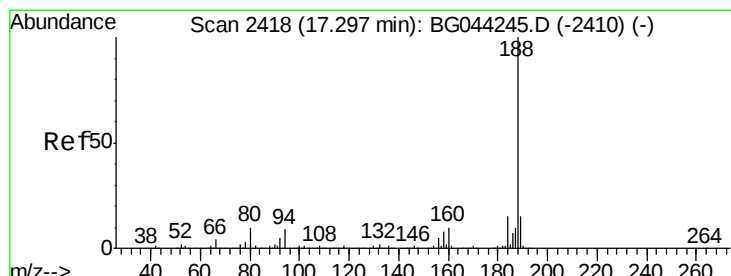
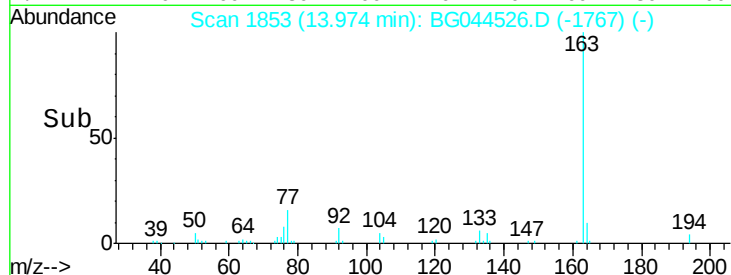
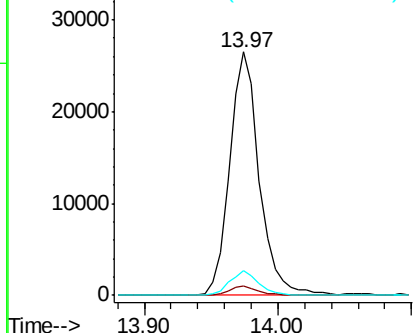
#50
Dimethylphthalate
Concen: 3.466 ng
RT: 13.97 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :
WFD-GW-01-23

Tot Ion:163 Resp: 40970
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.0 8.7 13.1

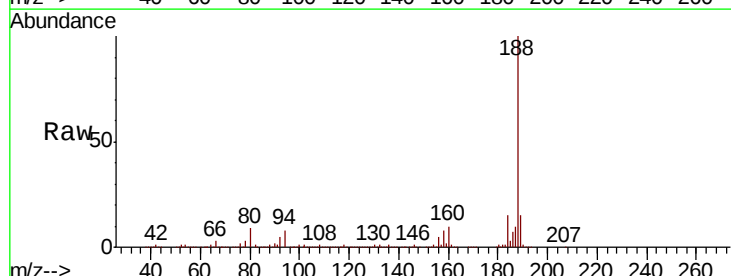


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

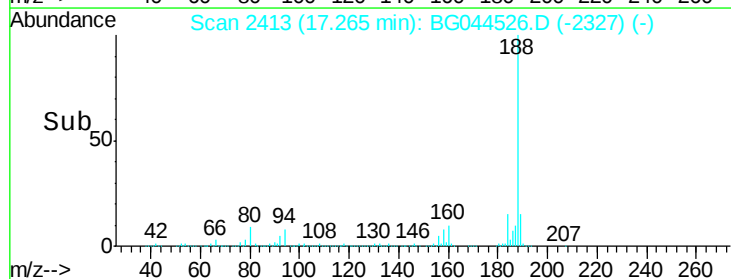
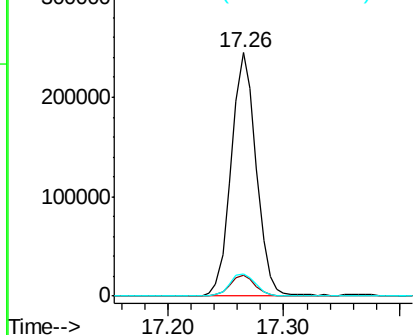


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Tgt Ion:188 Resp: 367921
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044526.D

Acq: 20 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

WFD-GW-01-23

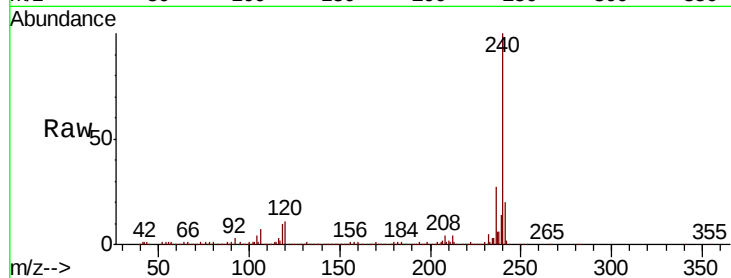
Tot Ion:240 Resp: 373463

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

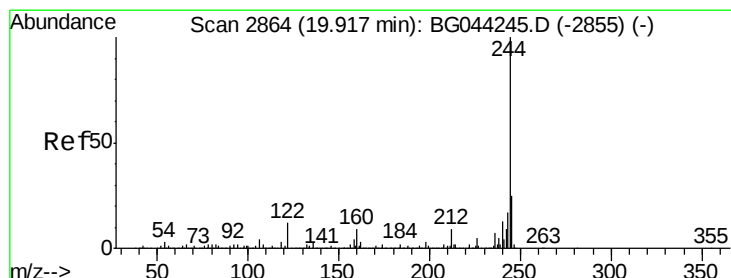
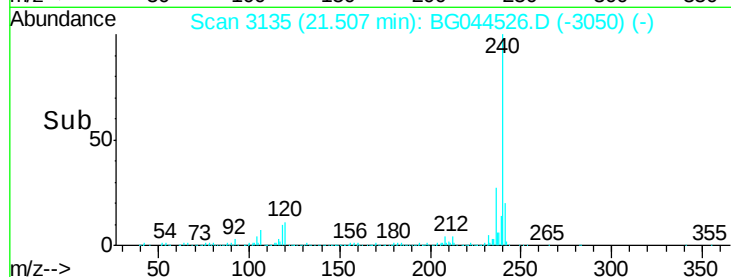
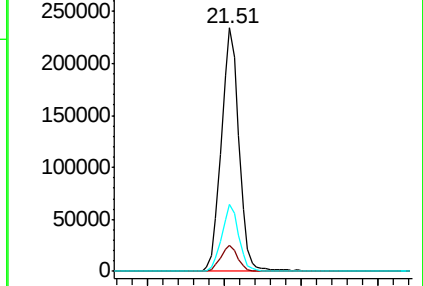
236 27.3 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 89.287 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044526.D

Acq: 20 Feb 2020 18:36

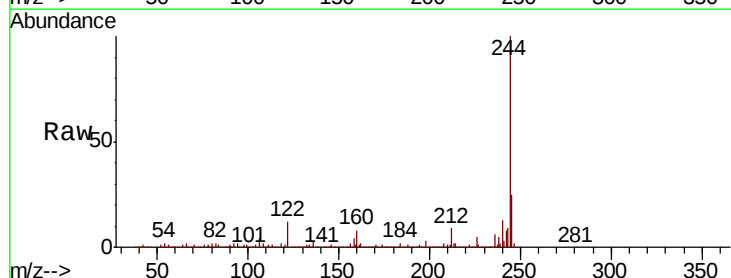
Tgt Ion:244 Resp: 1621179

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

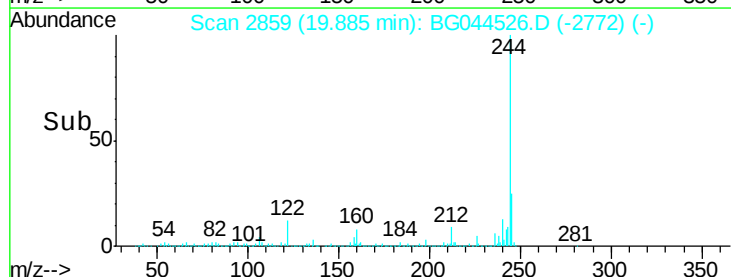
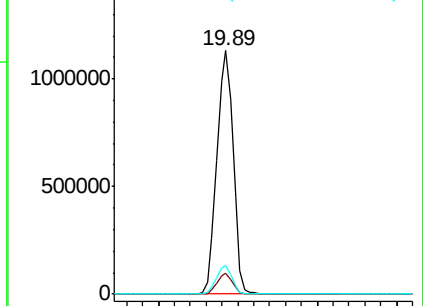
122 11.6 9.8 14.6

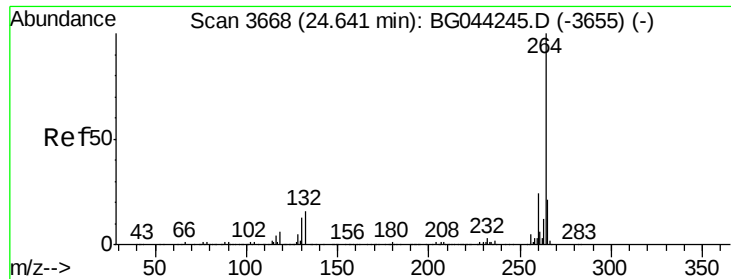


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

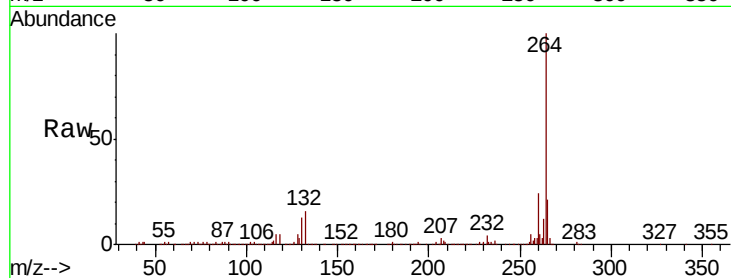




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044526.D
Acq: 20 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :
WFD-GW-01-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.3	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

