

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043358.D
 Acq On : 28 Oct 2019 20:13
 Operator : JU
 Sample : K5501-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 183-24-(0-2.1)

Quant Time: Oct 29 13:37:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

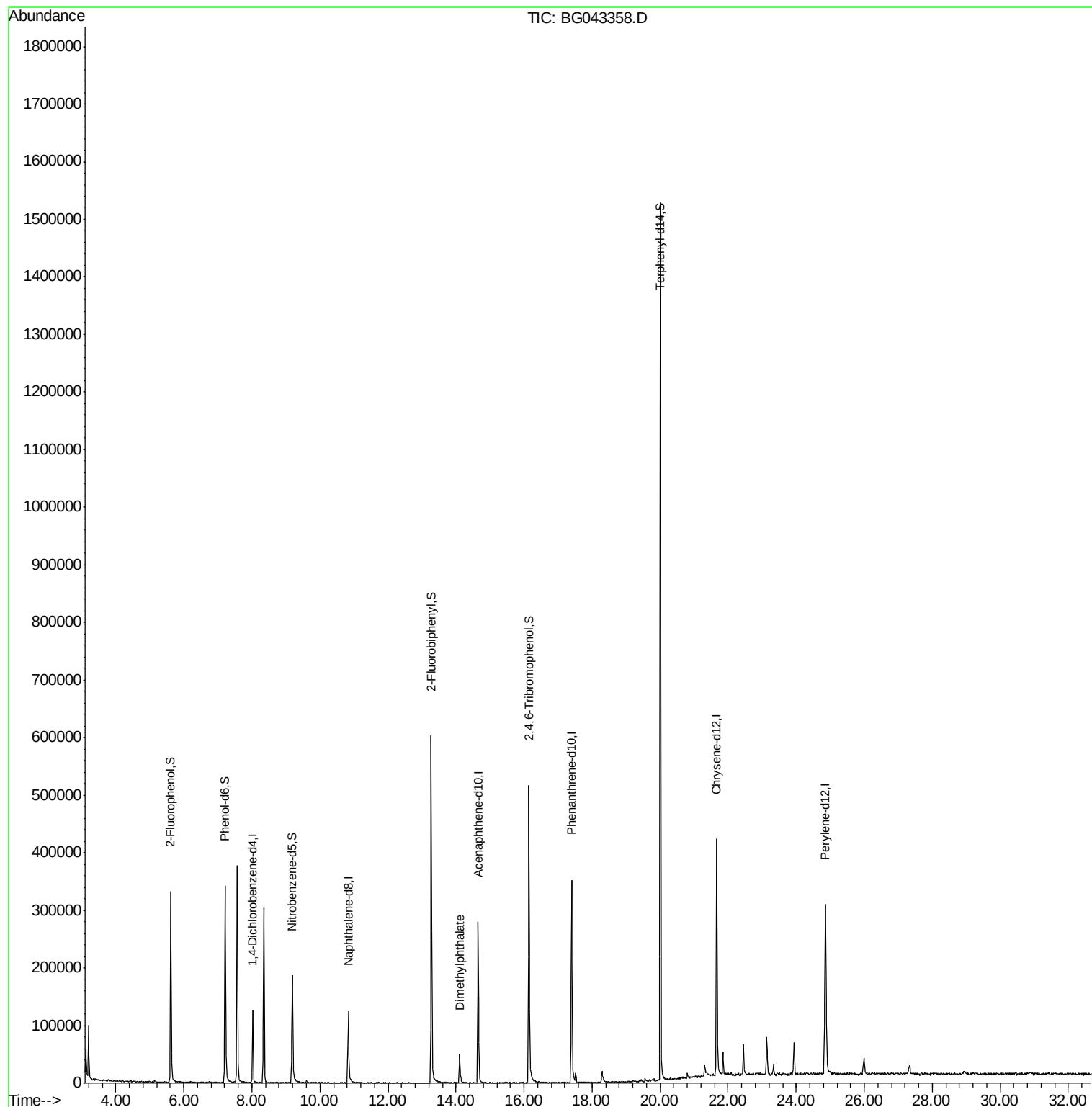
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37784	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	140653	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	107900	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	262038	20.00	ng	0.00
76) Chrysene-d12	21.66	240	299395	20.00	ng	0.00
87) Perylene-d12	24.86	264	345796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	160824	78.00	ng	0.01
7) Phenol-d6	7.21	99	227125	76.56	ng	0.01
23) Nitrobenzene-d5	9.19	82	136518	50.04	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	145755	70.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	386717	49.52	ng	0.00
79) Terphenyl-d14	20.00	244	822796	51.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	52125	6.237	ng	Qvalue # 96

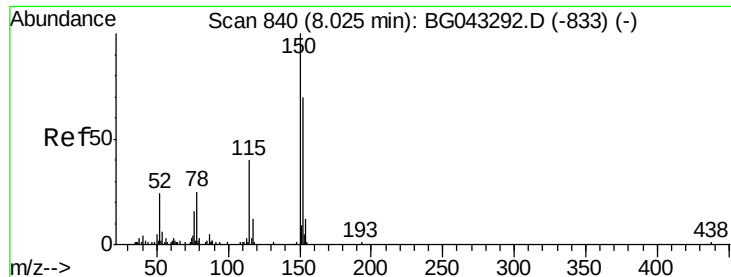
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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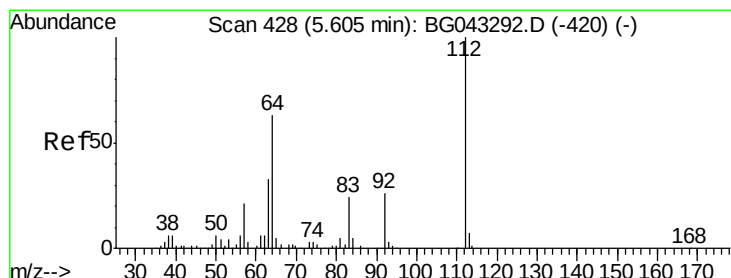
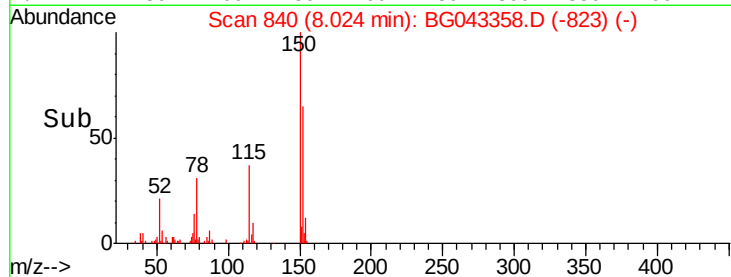
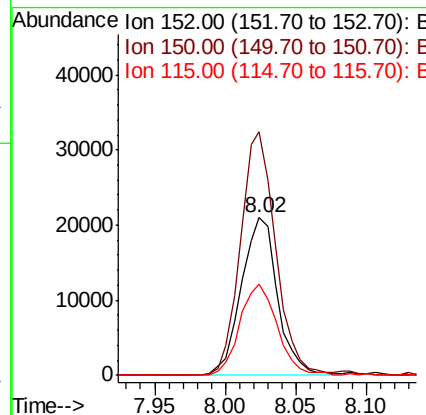
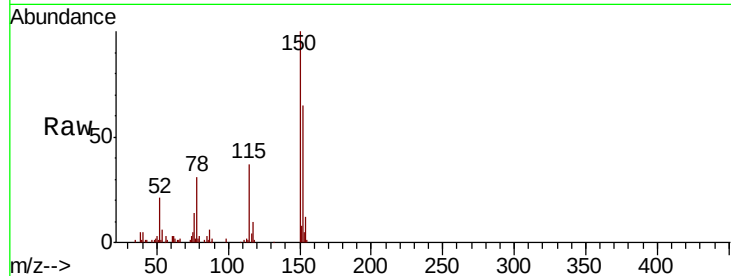


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 183-24-(0-2.1)

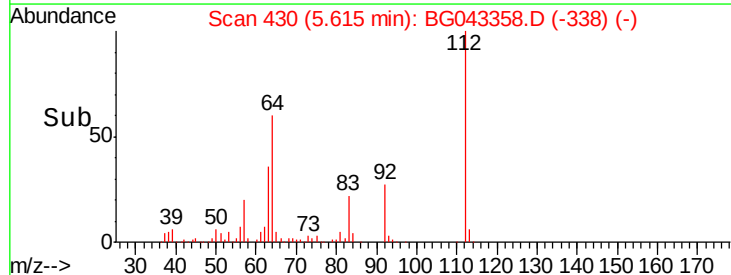
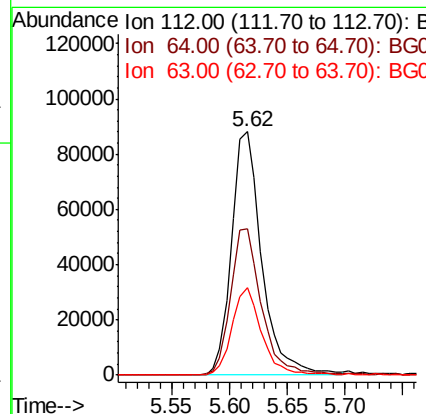
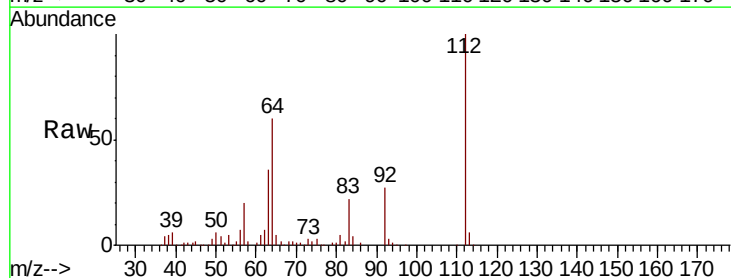
Tot Ion:152 Resp: 37784
 Ion Ratio Lower Upper
 152 100
 150 154.5 113.6 170.4
 115 57.9 45.9 68.9

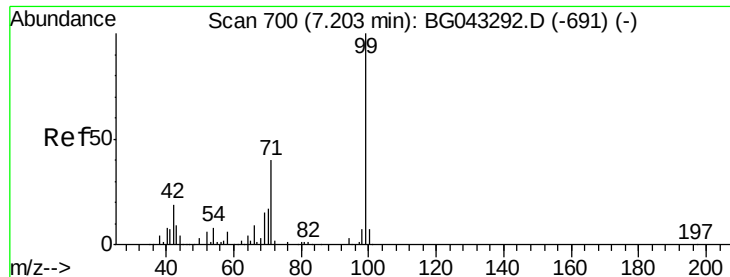


#5

2-Fluorophenol
 Concen: 77.996 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

Tgt Ion:112 Resp: 160824
 Ion Ratio Lower Upper
 112 100
 64 59.9 50.2 75.2
 63 36.1 26.7 40.1





#7

Phenol-d6

Concen: 76.559 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043358.D

Acq: 28 Oct 2019 20:13

Instrument :

BNA_G

ClientSampleId :

183-24-(0-2.1)

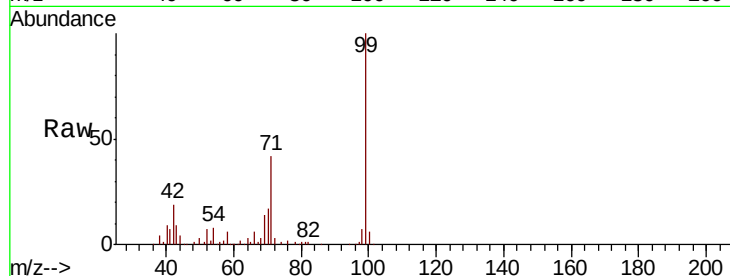
Tot Ion: 99 Resp: 227125

Ion Ratio Lower Upper

99 100

42 19.0 14.9 22.3

71 41.5 32.2 48.2

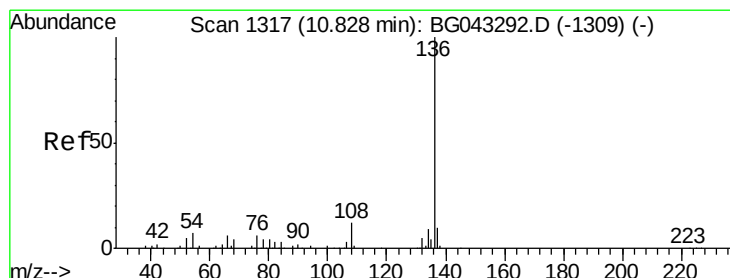
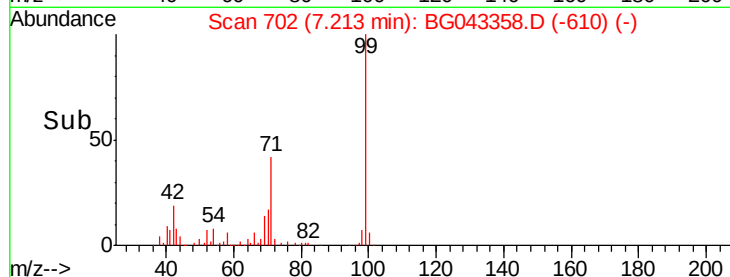
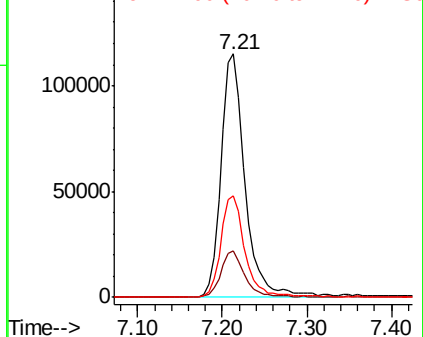


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043358.D

Acq: 28 Oct 2019 20:13

Tgt Ion: 136 Resp: 140653

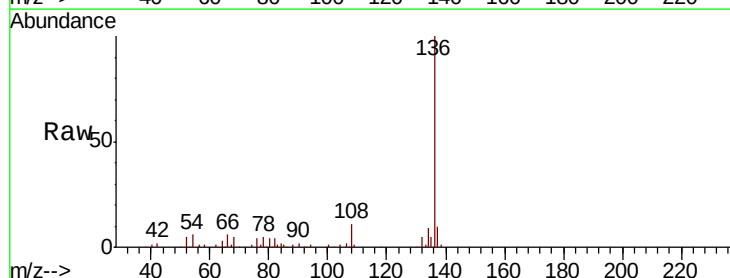
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.2

54 6.4 5.4 8.2

68 4.7 3.3 4.9



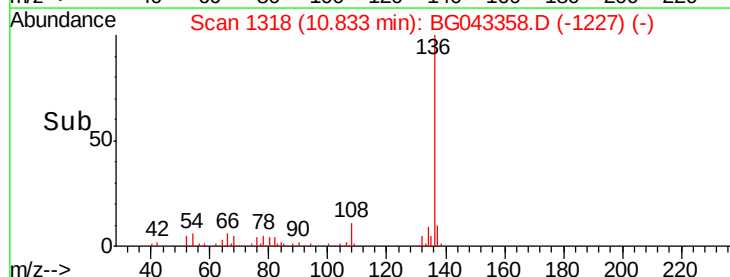
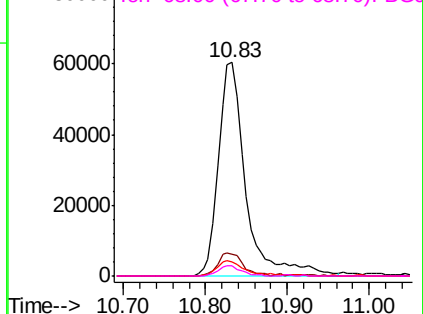
Abundance

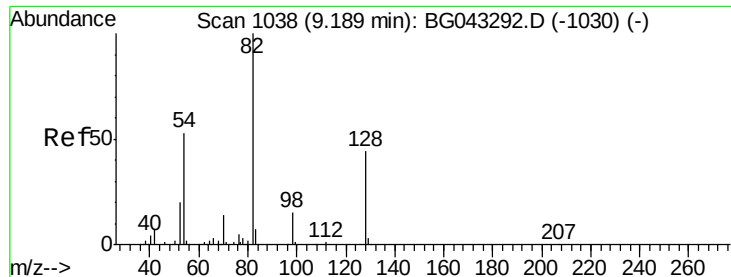
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

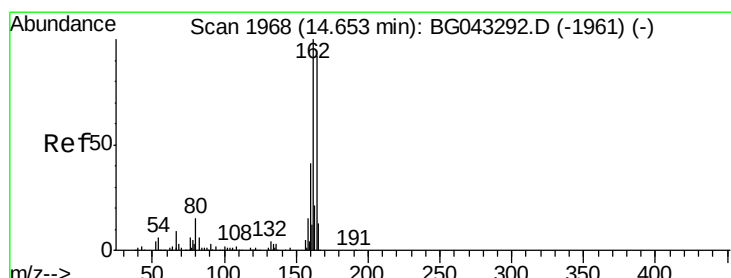
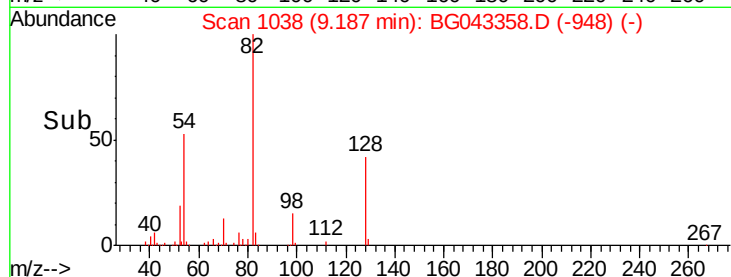
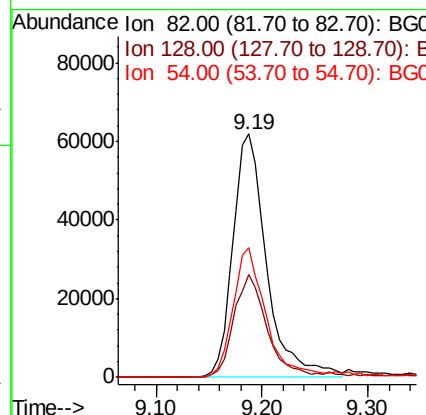
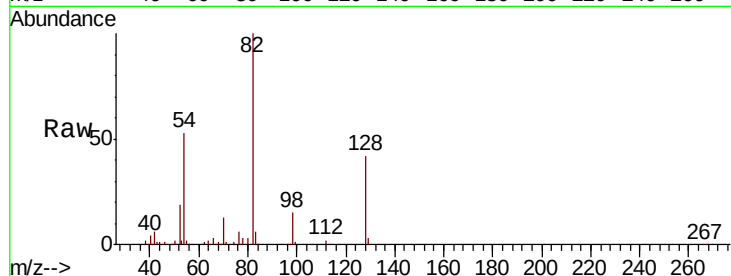




#23
 Nitrobenzene-d5
 Concen: 50.039 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

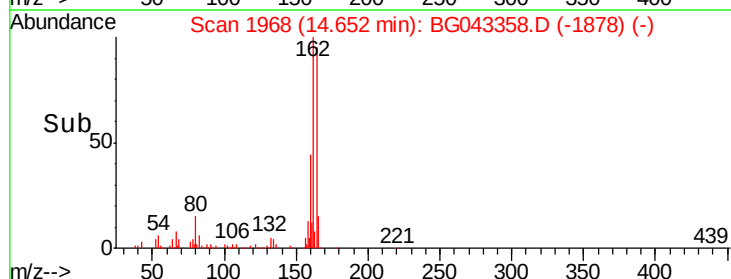
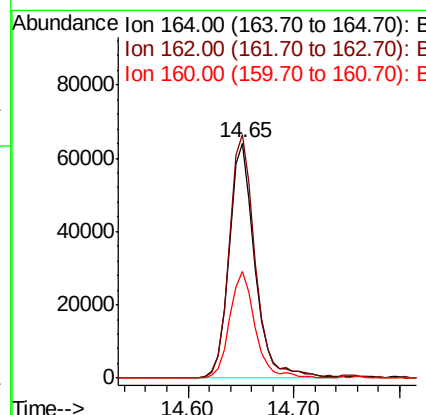
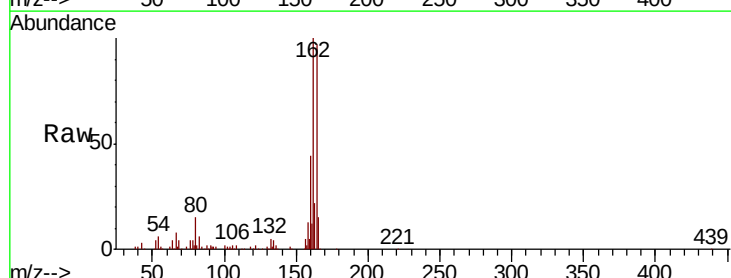
Instrument :
 BNA_G
 ClientSampleId :
 183-24-(0-2.1)

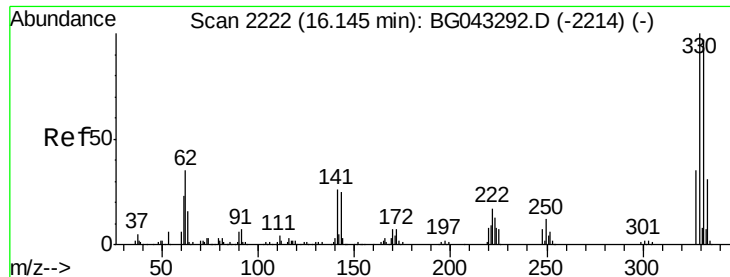
Tot Ion	82	Resp	136518
Ion Ratio	Lower	Upper	
82	100		
128	42.0	35.3	52.9
54	53.2	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

Tgt Ion	164	Resp	107900
Ion Ratio	Lower	Upper	
164	100		
162	103.5	87.0	130.4
160	45.5	35.5	53.3

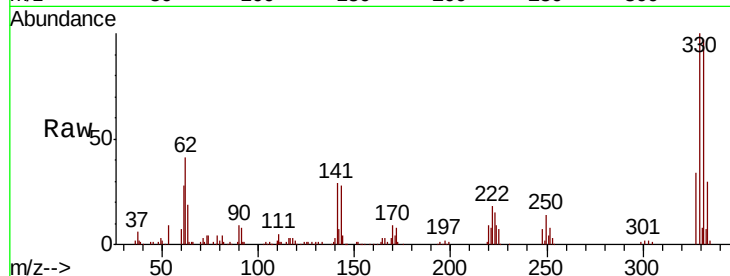




#42
 2,4,6-Tribromophenol
 Concen: 70.984 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 183-24-(0-2.1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.4	114.6
141	27.8	21.4	32.0

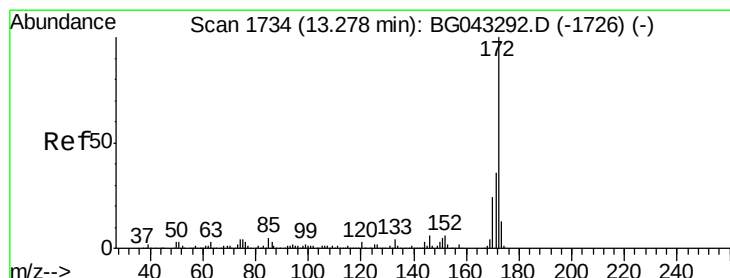
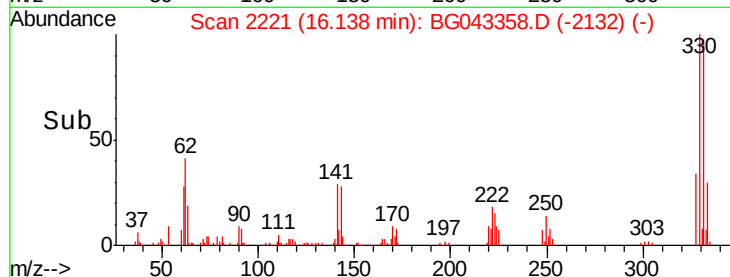
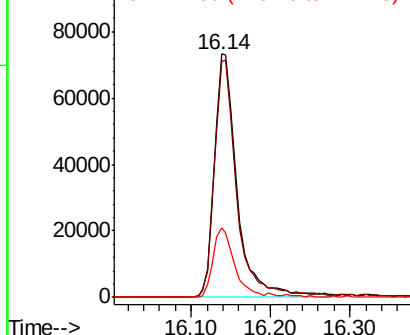


Abundance

Ion 329.80 (329.50 to 330.50): E

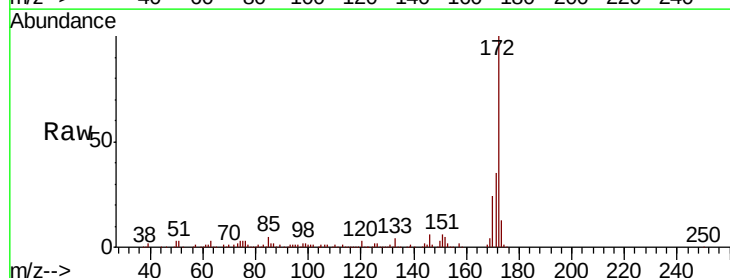
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 49.524 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043358.D
 Acq: 28 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.8	18.8	28.2

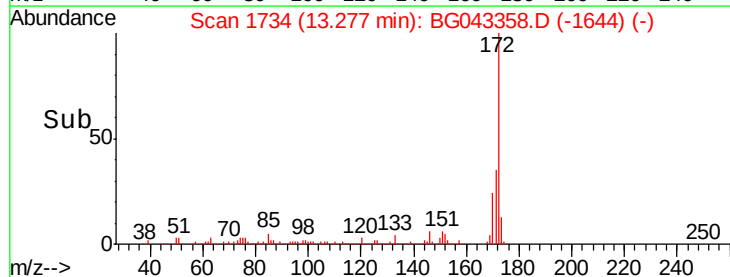
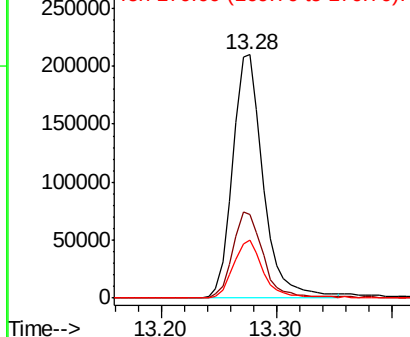


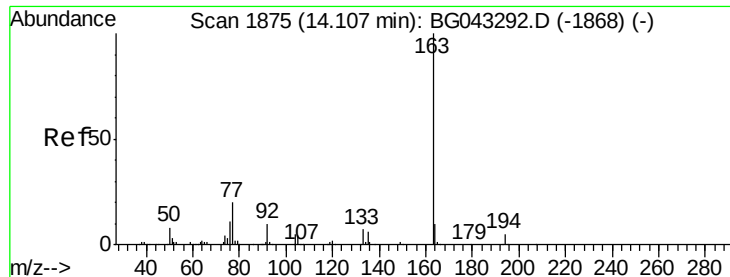
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.237 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043358.D

Acq: 28 Oct 2019 20:13

Instrument :

BNA_G

ClientSampleId :

183-24-(0-2.1)

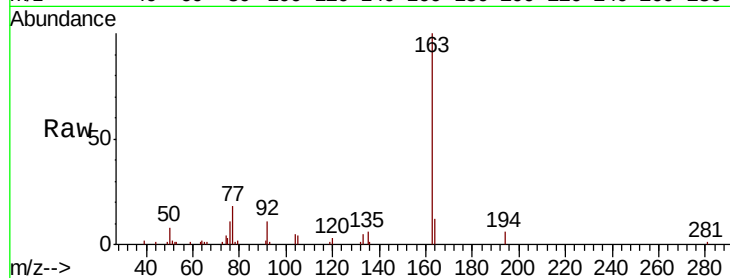
Tot Ion:163 Resp: 52125

Ion Ratio Lower Upper

163 100

194 6.2 3.7 5.5#

164 11.6 8.1 12.1

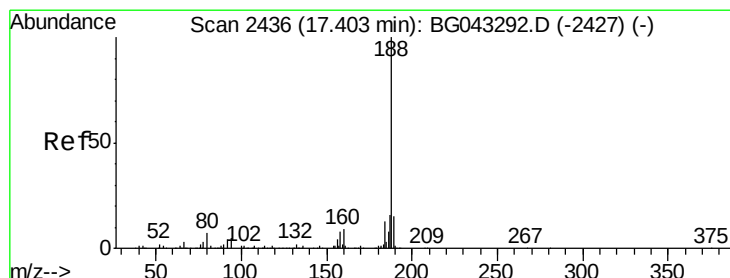
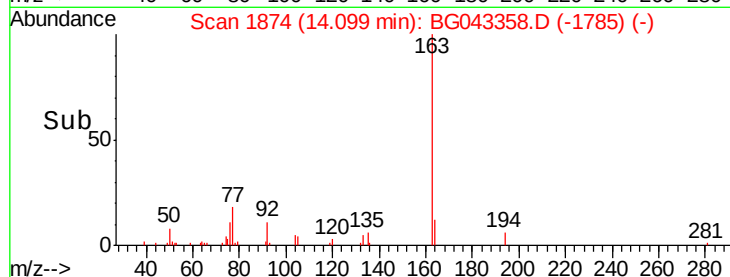
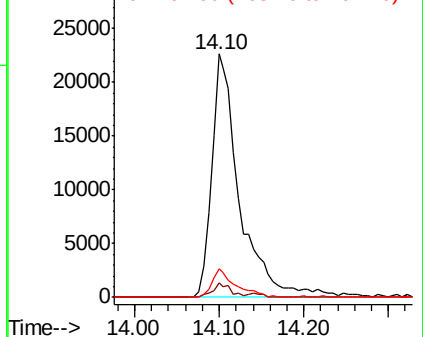


Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043358.D

Acq: 28 Oct 2019 20:13

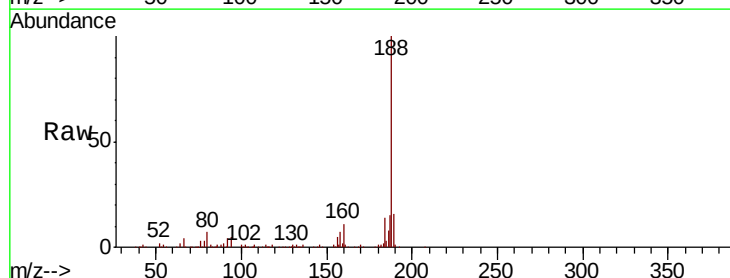
Tgt Ion:188 Resp: 262038

Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 7.2 5.2 7.8

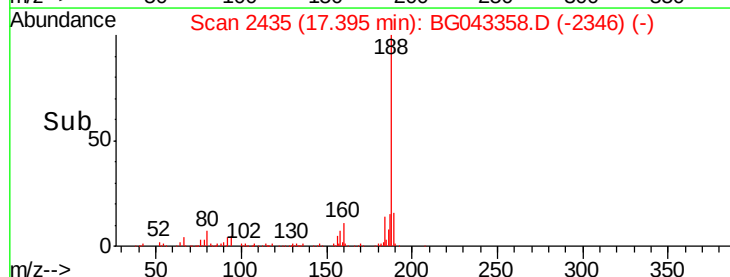
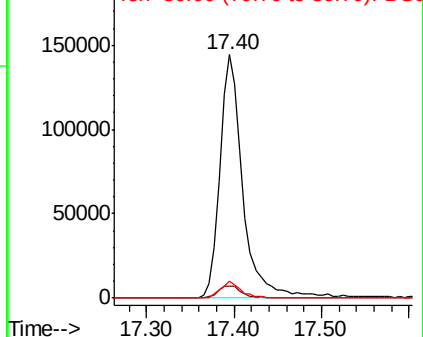


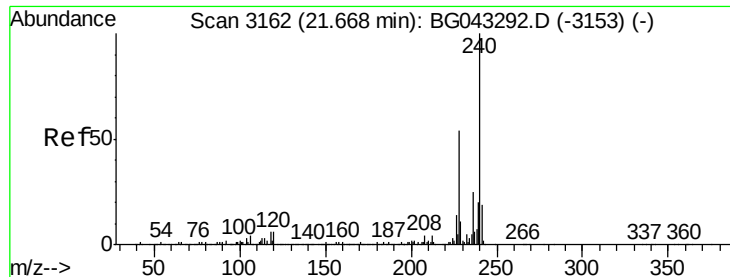
Abundance

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

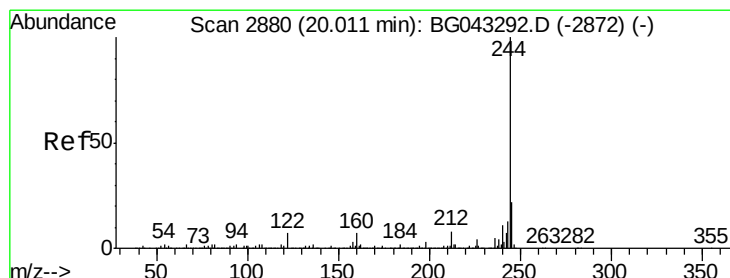
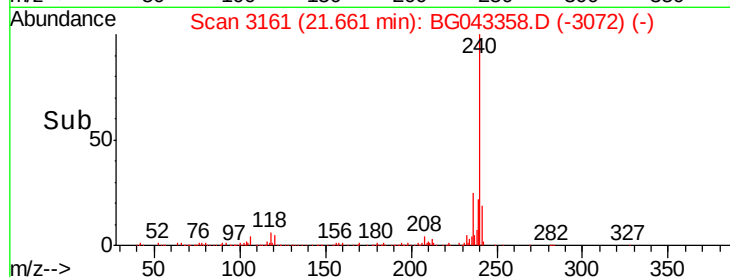
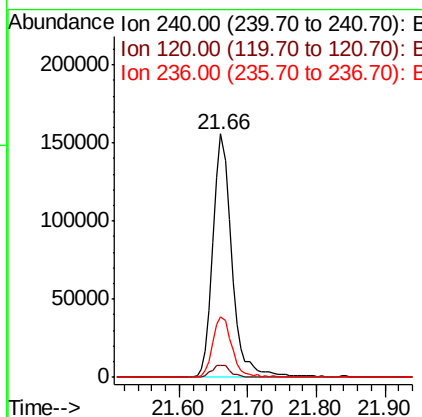
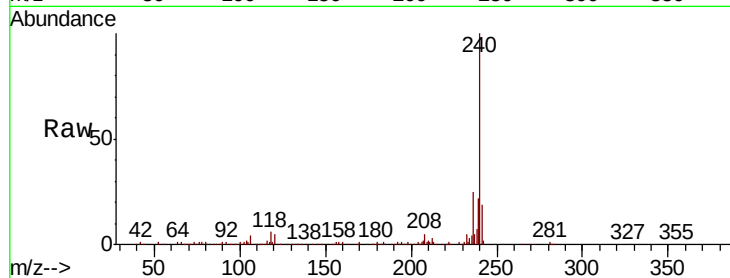




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043358.D
Acq: 28 Oct 2019 20:13

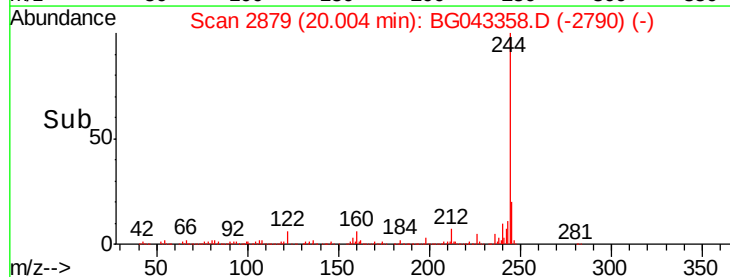
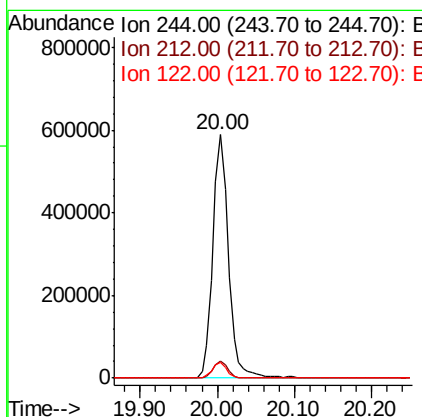
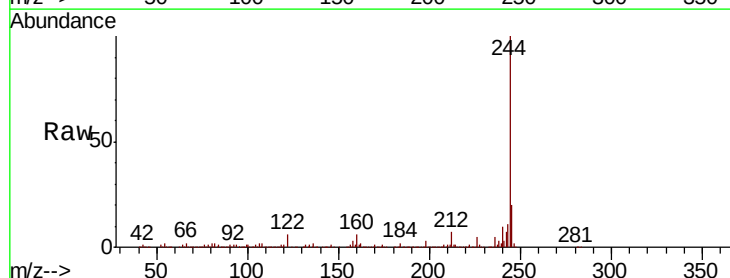
Instrument :
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183-24-(0-2.1)

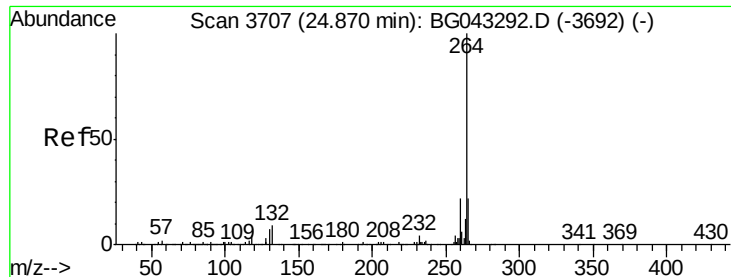
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.6	7.0
236	25.1	20.2	30.4



#79
Terphenyl-d14
Concen: 51.558 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043358.D
Acq: 28 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	6.3	5.3	7.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043358.D
Acq: 28 Oct 2019 20:13

Instrument :
BNA_G
ClientSampleId :
183-24-(0-2.1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	21.2	17.4	26.2

