

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044528.D
 Acq On : 20 Feb 2020 19:55
 Operator : CG/JU
 Sample : L1573-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOC-1

Quant Time: Feb 21 07:27:30 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

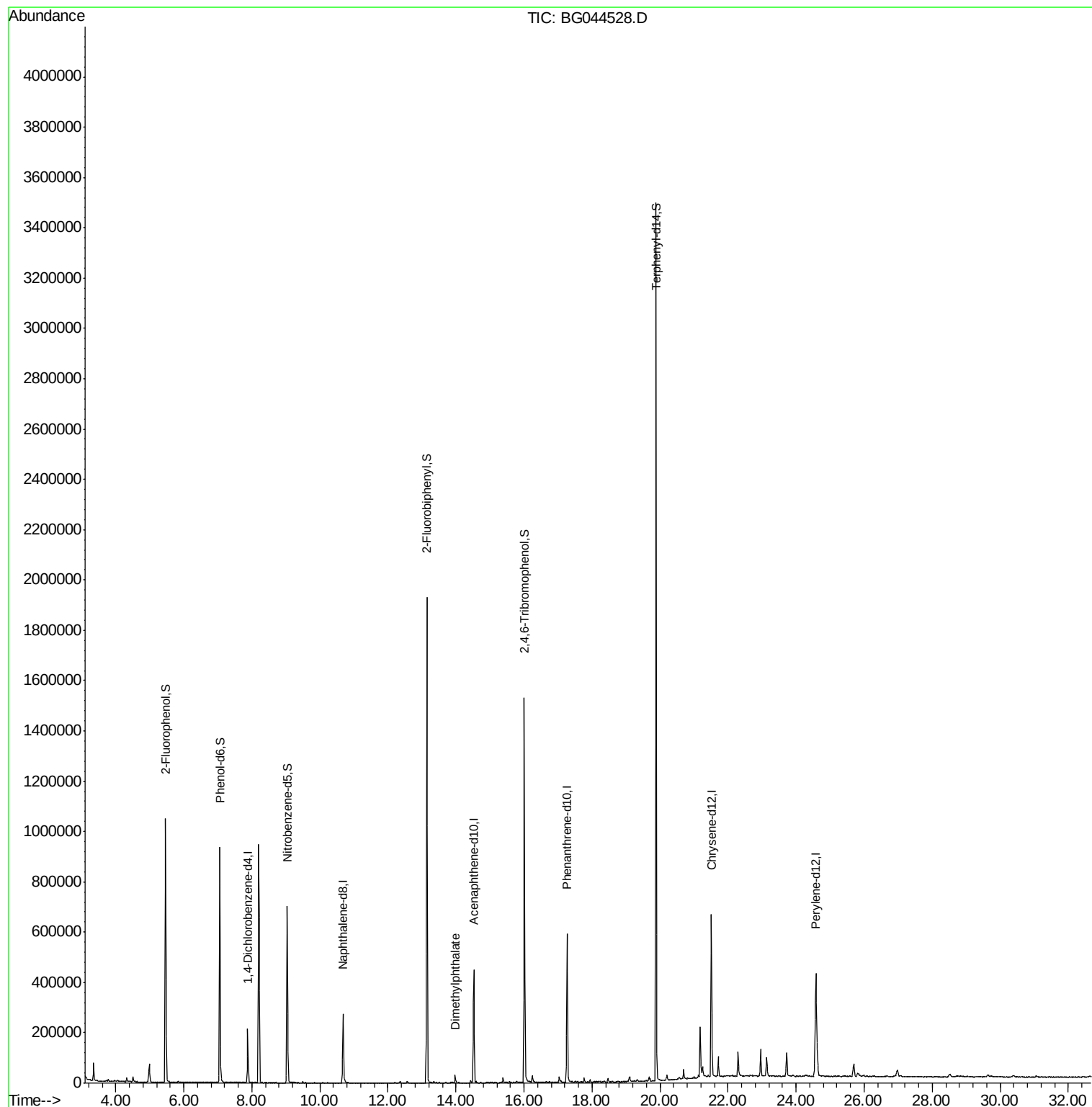
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63019	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	260171	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	172236	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	392657	20.00	ng	-0.02
76) Chrysene-d12	21.50	240	397463	20.00	ng	-0.03
87) Perylene-d12	24.58	264	415740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	529154	148.19	ng	-0.01
7) Phenol-d6	7.06	99	620902	129.49	ng	-0.02
23) Nitrobenzene-d5	9.04	82	462013	100.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	322943	159.72	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	1063870	103.43	ng	-0.02
79) Terphenyl-d14	19.88	244	1766113	91.40	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.98	163	28560	2.307	ng	Qvalue 96

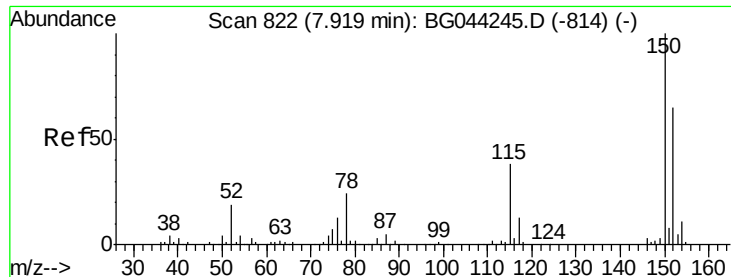
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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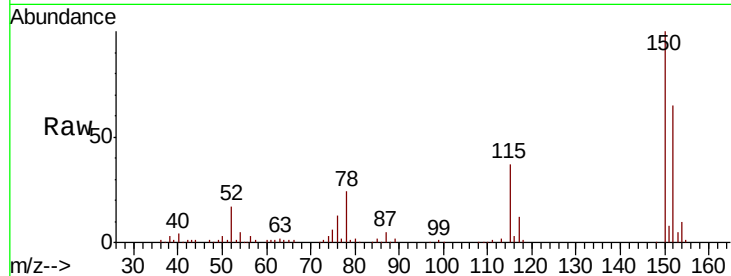


#1

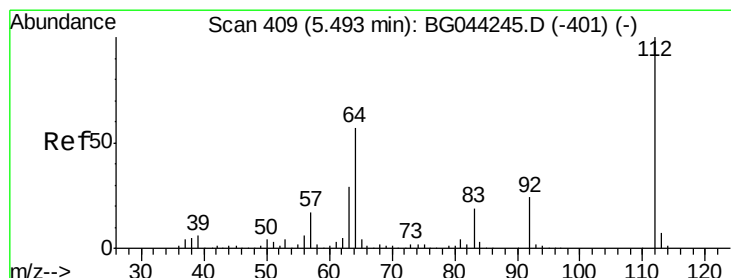
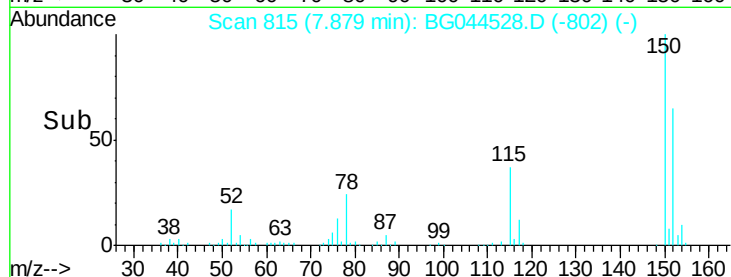
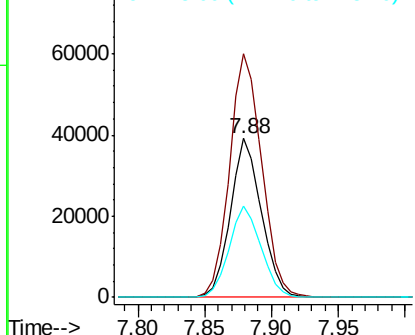
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :
LOC-1

Tot Ion:152 Resp: 63019
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 57.6 46.0 69.0



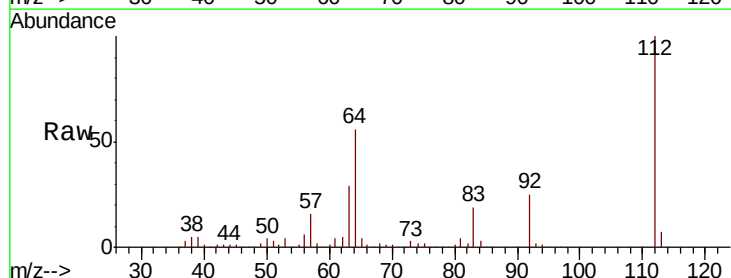
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



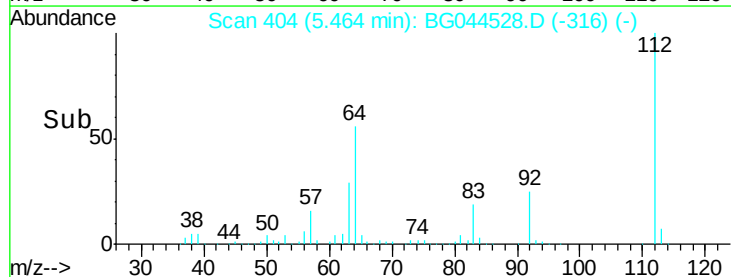
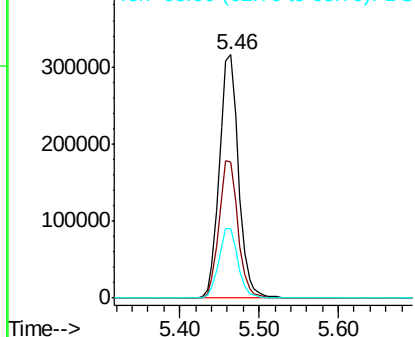
#5

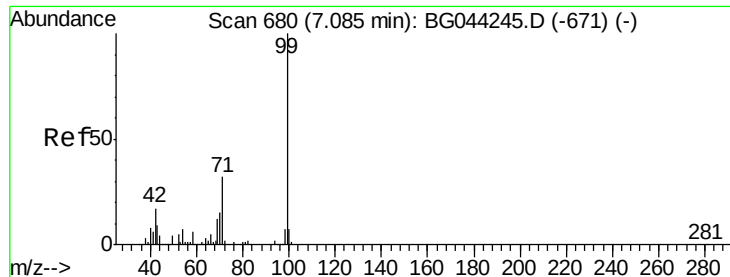
2-Fluorophenol
Concen: 148.189 ng
RT: 5.46 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:112 Resp: 529154
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 28.6 22.9 34.3



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





#7

Phenol-d6

Concen: 129.488 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

LOC-1

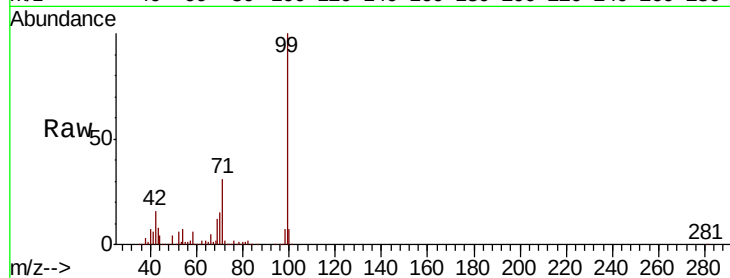
Tot Ion: 99 Resp: 620902

Ion Ratio Lower Upper

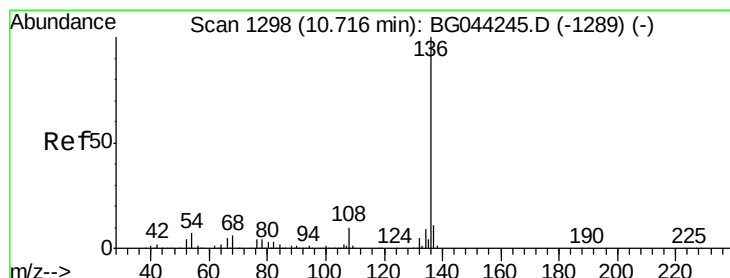
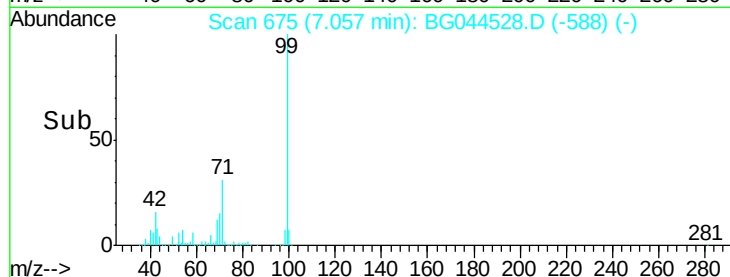
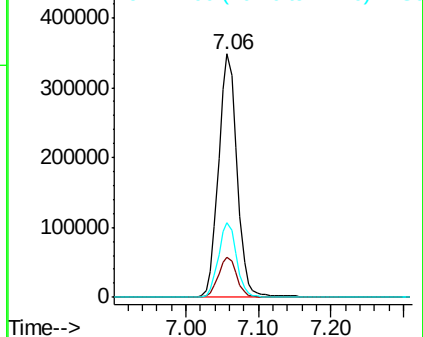
99 100

42 16.3 13.8 20.6

71 30.8 25.5 38.3



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: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Tgt Ion: 136 Resp: 260171

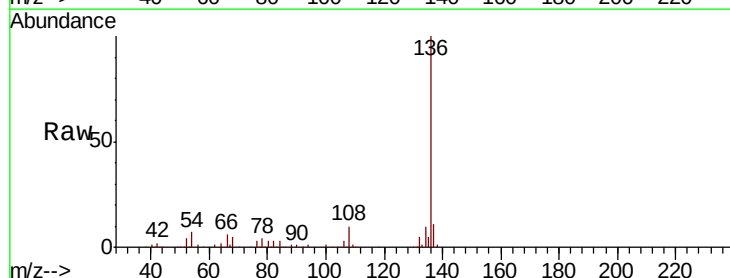
Ion Ratio Lower Upper

136 100

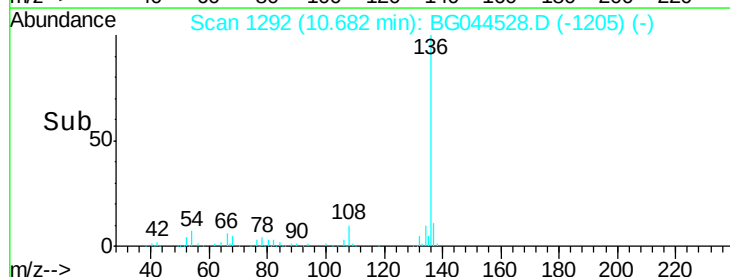
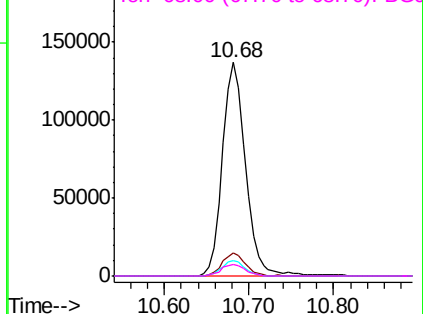
137 11.1 8.8 13.2

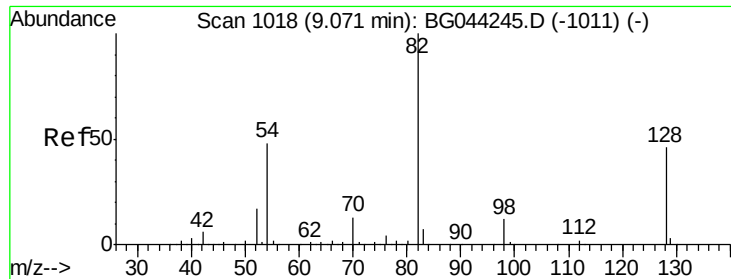
54 7.3 5.8 8.8

68 5.5 4.6 6.8



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

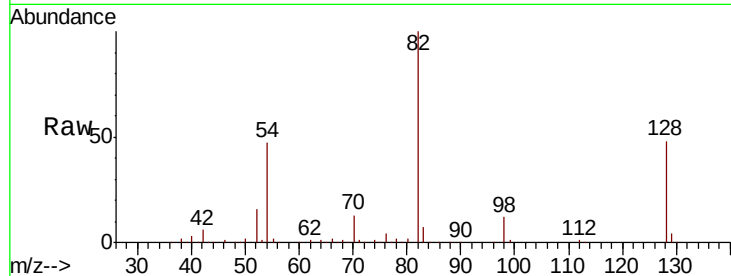




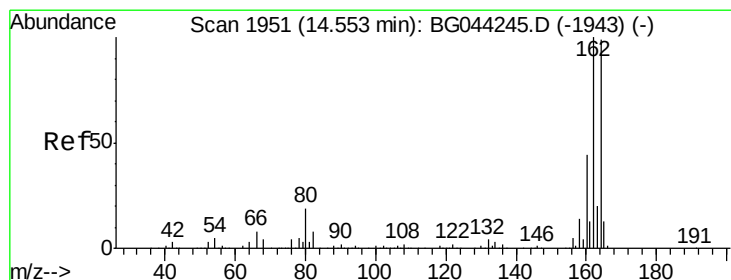
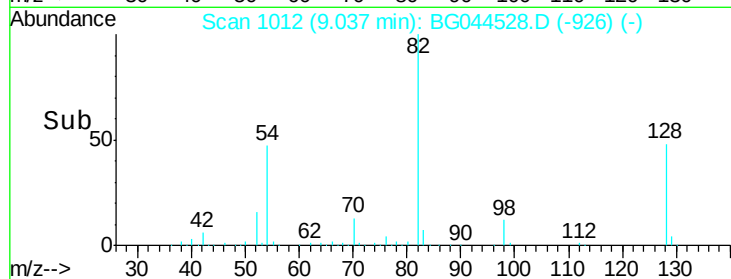
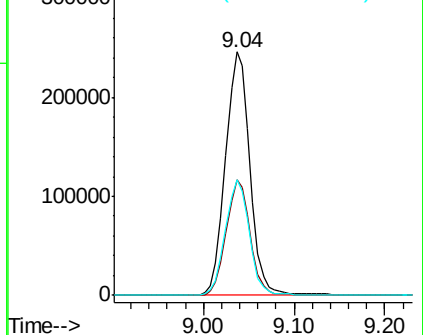
#23
Nitrobenzene-d5
Concen: 100.255 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :
LOC-1

Tot Ion	82	Resp	462013
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	47.6		
54	47.4		
	38.6		
	58.0		

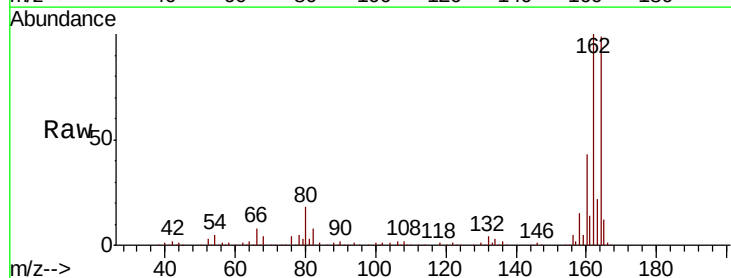


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

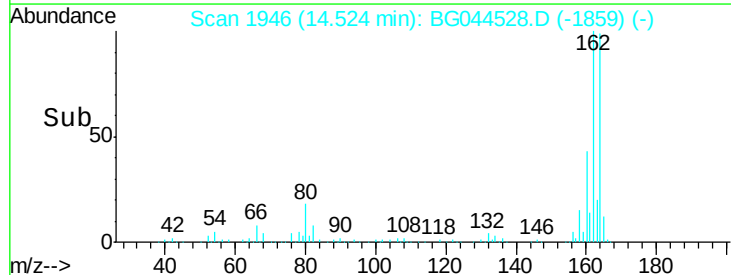
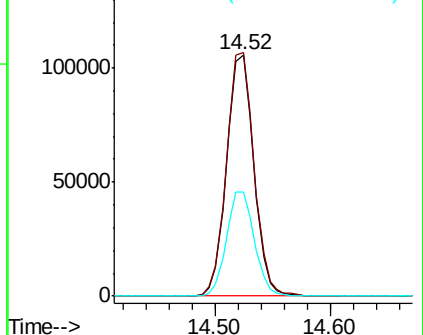


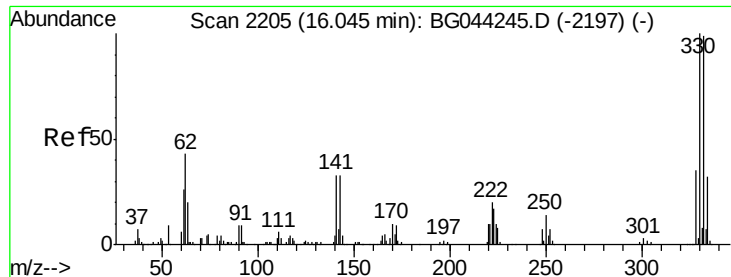
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion	164	Resp	172236
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	100.9		
160	43.0		
	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

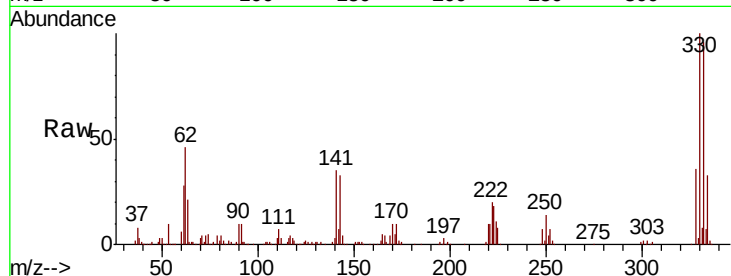




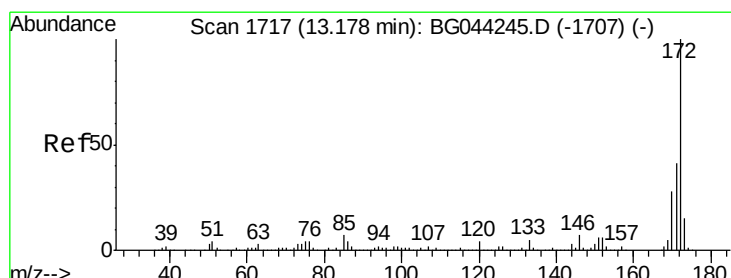
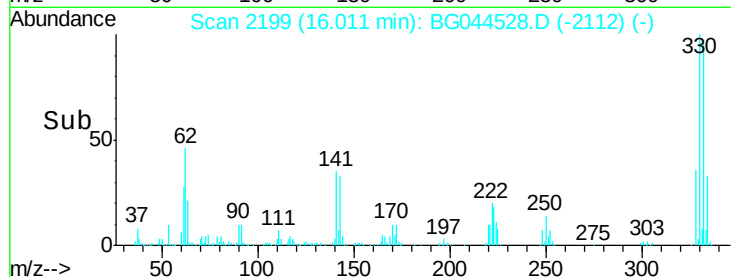
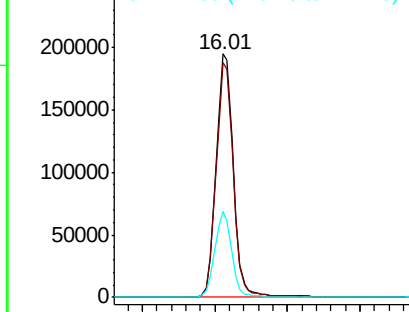
#42
 2,4,6-Tribromophenol
 Concen: 159.718 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 LOC-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	34.6	28.3	42.5

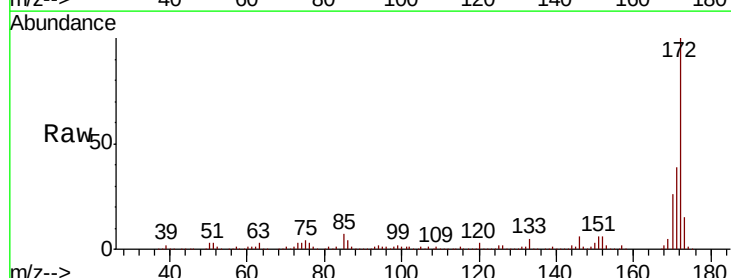


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

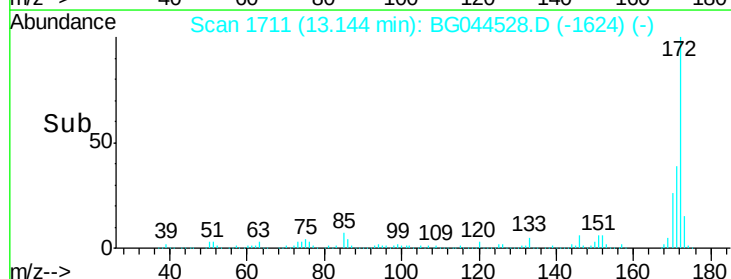
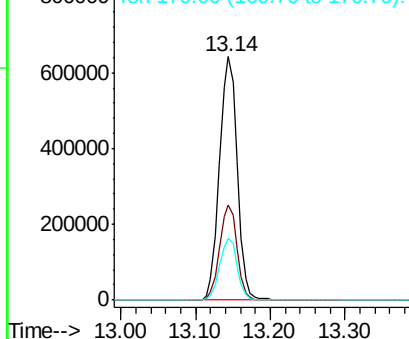


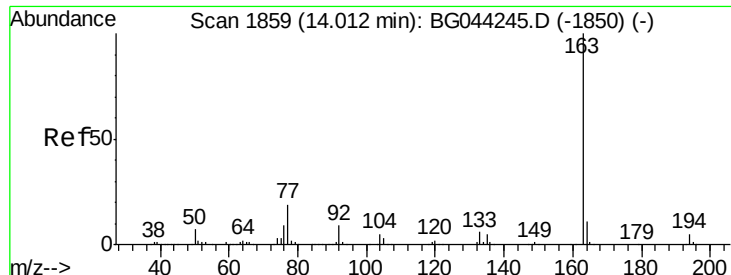
#45
 2-Fluorobiphenyl
 Concen: 103.434 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.9	49.3
170	25.5	22.0	33.0



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: 2.307 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

LOC-1

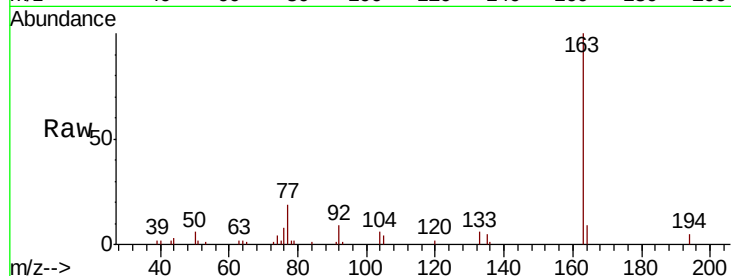
Tot Ion:163 Resp: 28560

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

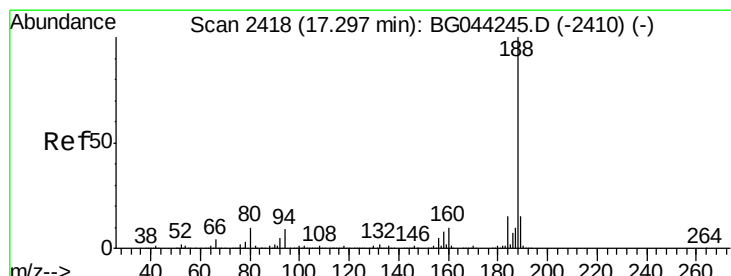
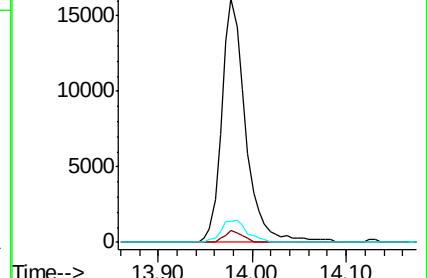
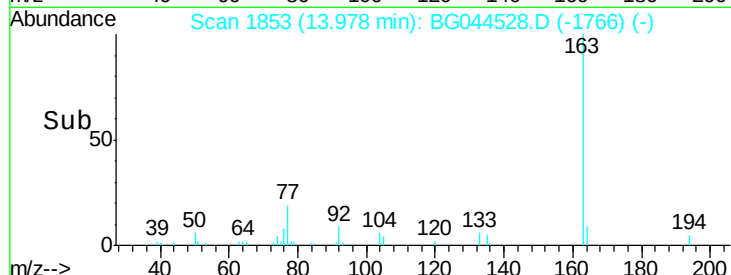
164 8.7 8.7 13.1



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: 17.27 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

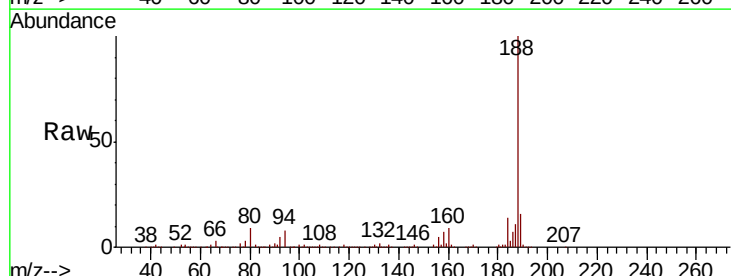
Tgt Ion:188 Resp: 392657

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

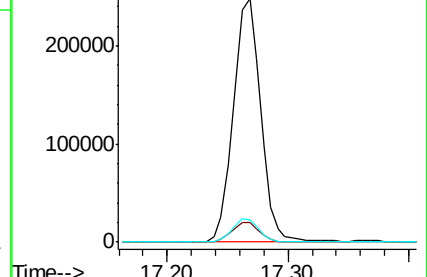
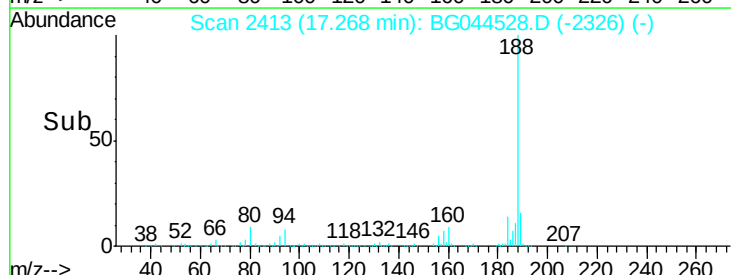
80 9.0 7.7 11.5

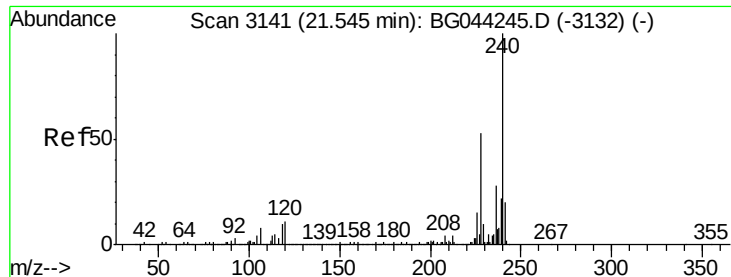


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.03 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

LOC-1

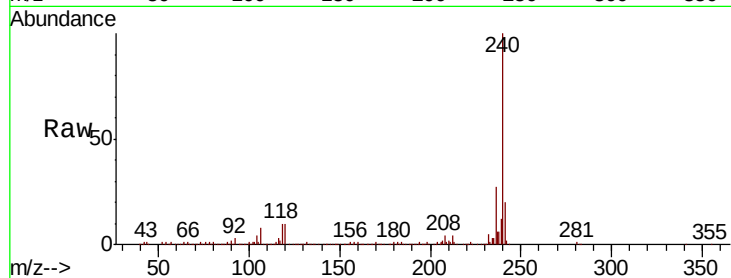
Tot Ion:240 Resp: 397463

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

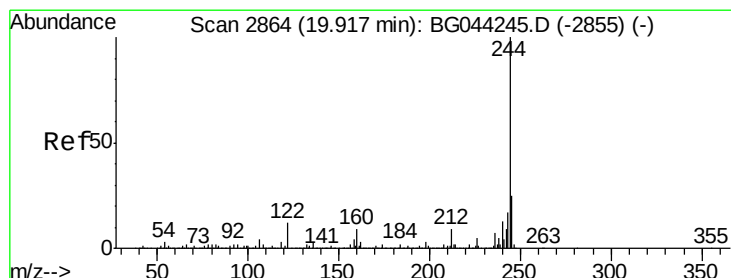
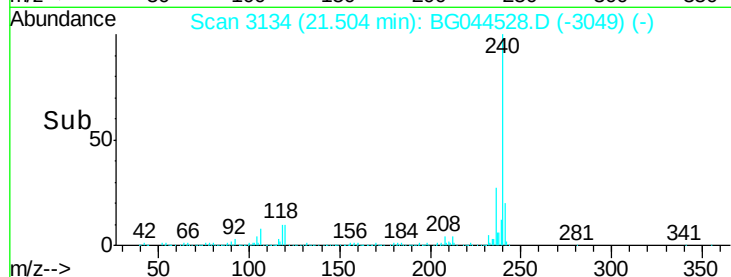
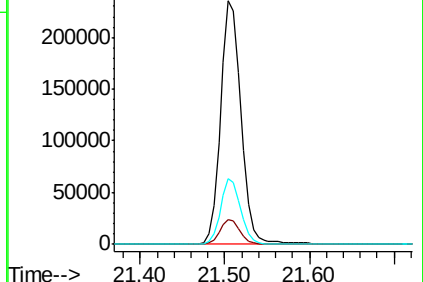
236 26.8 22.1 33.1



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: 91.396 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

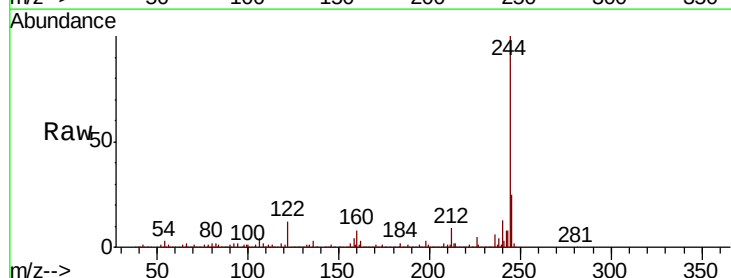
Tgt Ion:244 Resp: 1766113

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

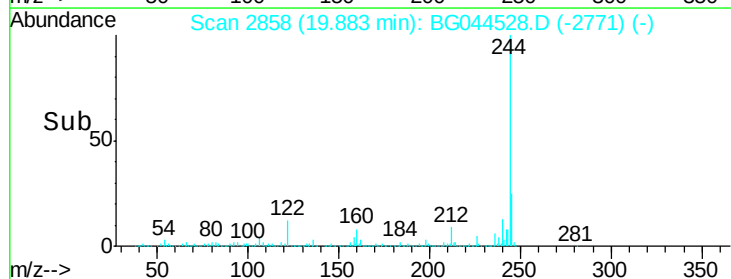
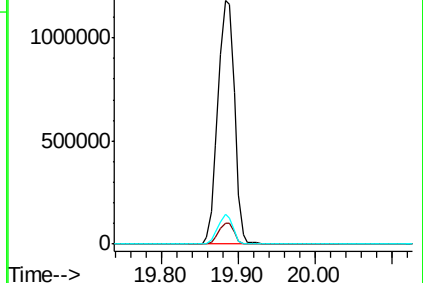
122 12.1 9.8 14.6

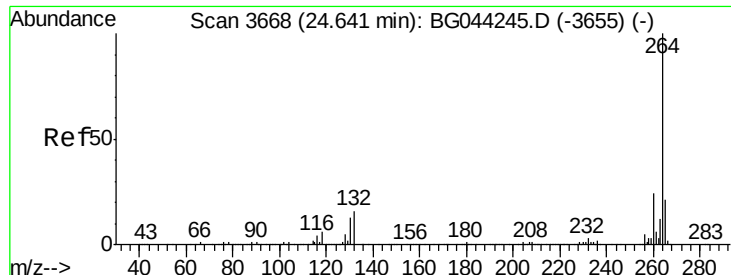


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3657
 Delta R.T. -0.04 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :
 LOC-1

Tot Ion:	264	Resp:	415740
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.3	16.7	25.1

