

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043558.D
 Acq On : 8 Nov 2019 3:53
 Operator : JU
 Sample : PB124608BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BL

Quant Time: Nov 08 05:43:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

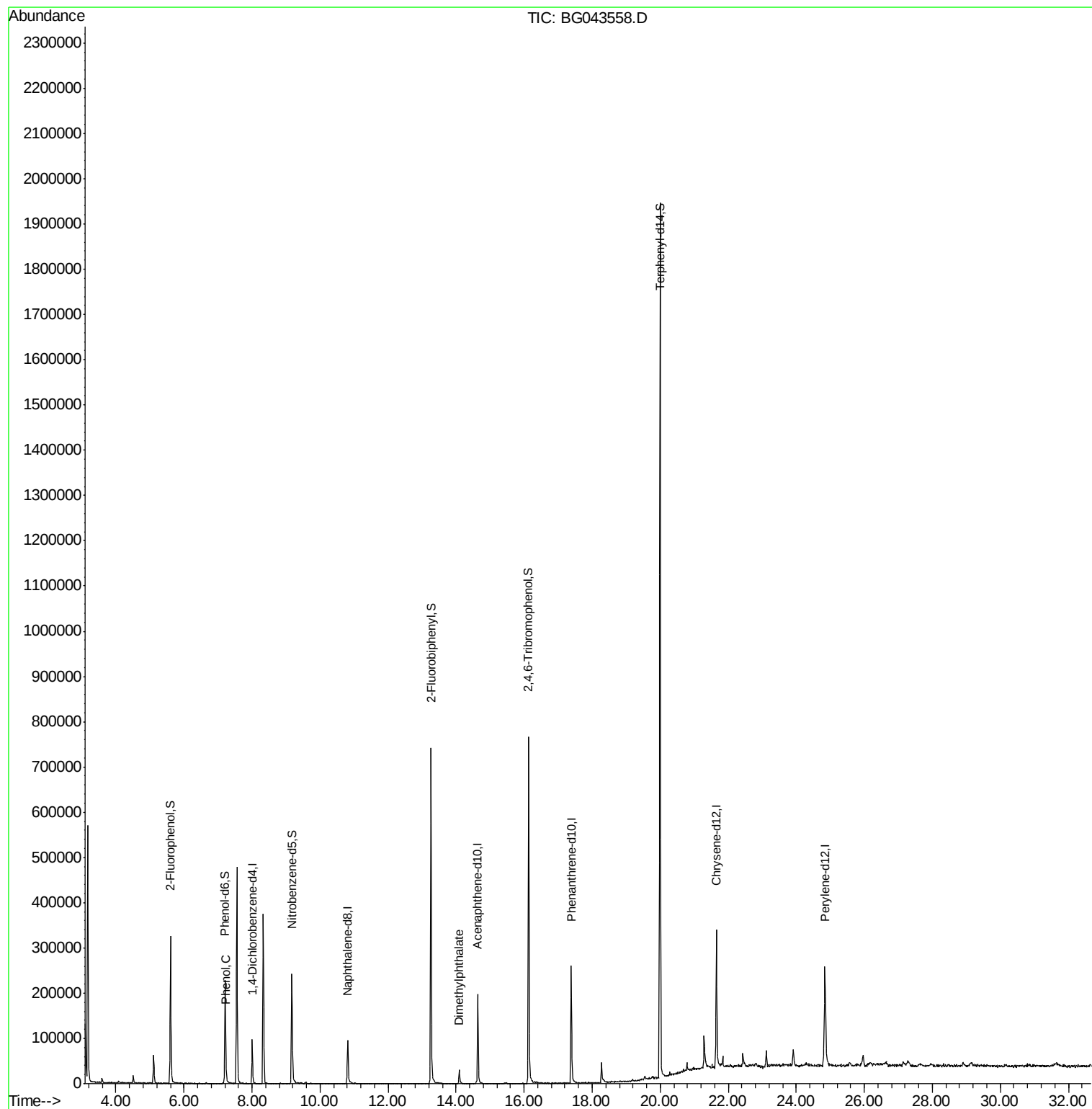
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27523	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	99784	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	77903	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	199093	20.00	ng	0.00
76) Chrysene-d12	21.65	240	210432	20.00	ng	0.00
87) Perylene-d12	24.84	264	239819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156707	104.33	ng	0.02
7) Phenol-d6	7.21	99	153171	70.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	174487	90.15	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189077	127.54	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	473508	83.99	ng	0.00
79) Terphenyl-d14	20.00	244	1059524	94.46	ng	0.00
Target Compounds						
10) Phenol	7.24	94	4840	2.451	ng	# 61
50) Dimethylphthalate	14.09	163	27571	4.569	ng	# 99

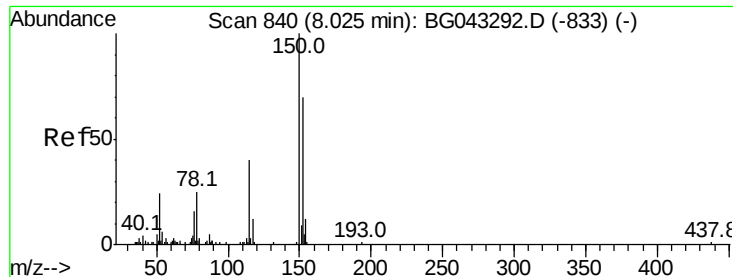
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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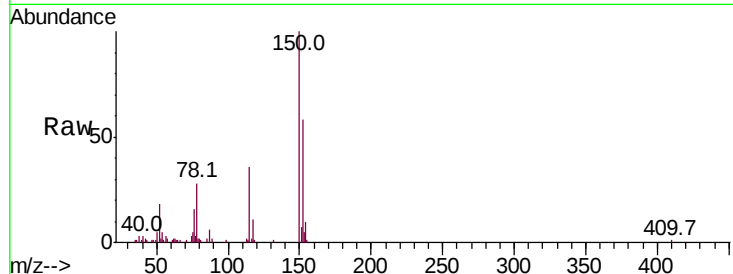


#1

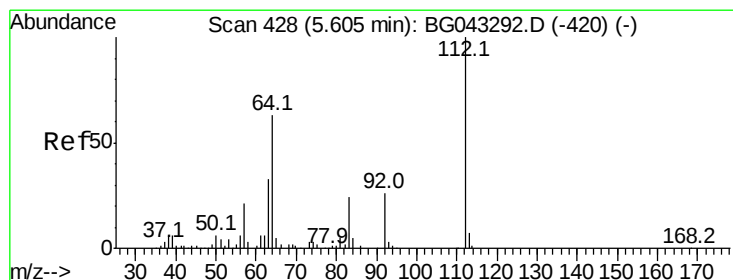
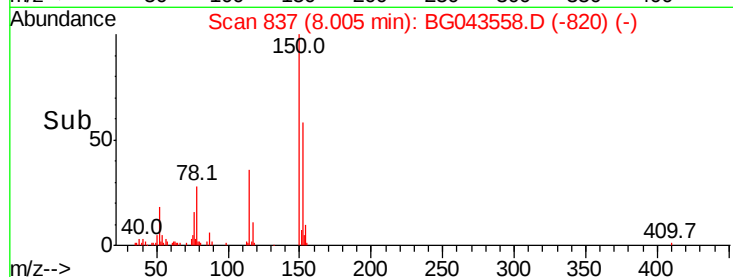
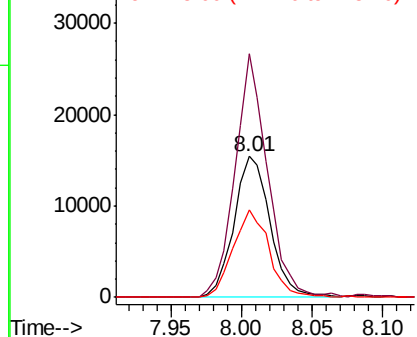
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB124608BL

Tot Ion:152 Resp: 27523
Ion Ratio Lower Upper
152 100
150 173.0 129.4 194.0
115 61.9 48.8 73.2



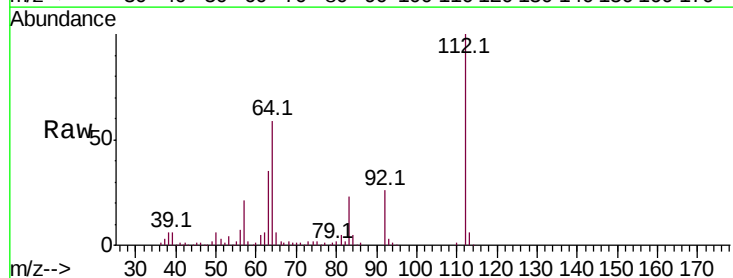
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



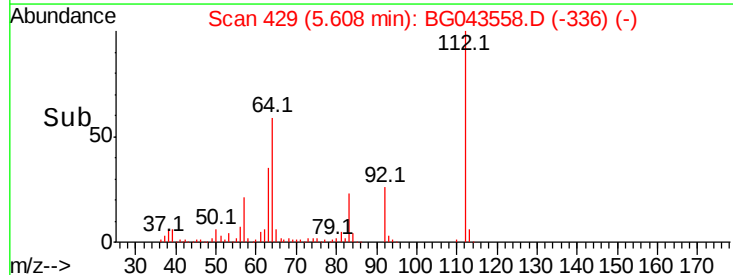
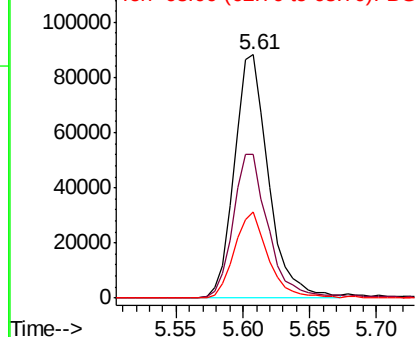
#5

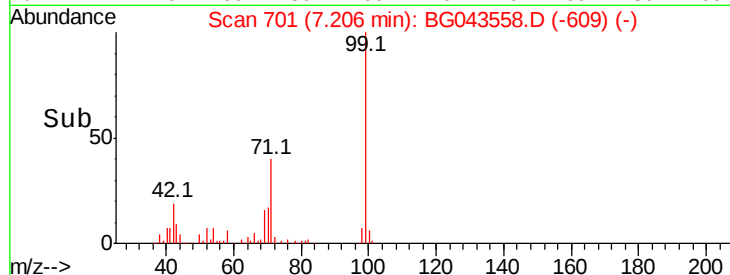
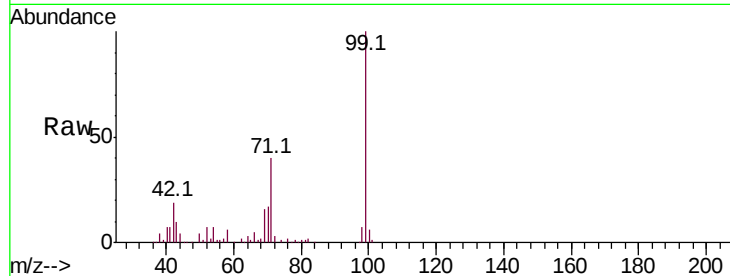
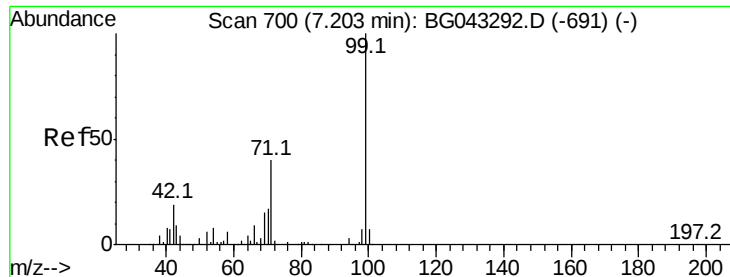
2-Fluorophenol
Concen: 104.334 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:112 Resp: 156707
Ion Ratio Lower Upper
112 100
64 59.0 50.0 75.0
63 35.4 26.6 40.0



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





#7

Phenol-d6

Concen: 70.880 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB124608BL

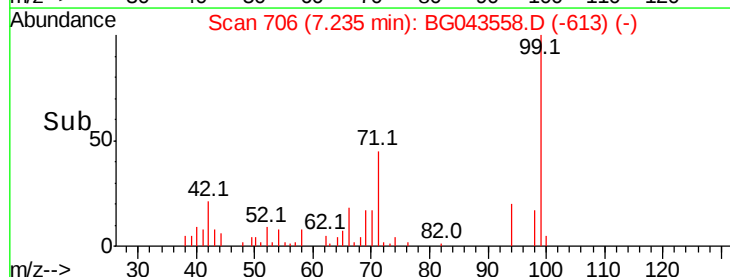
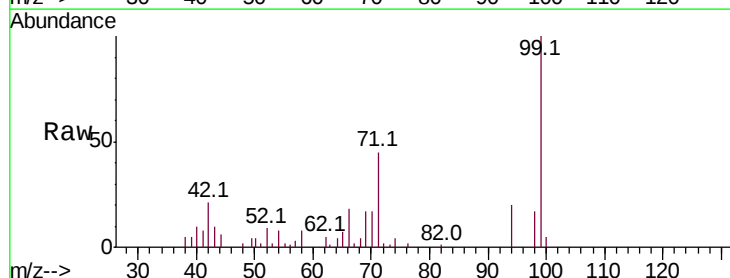
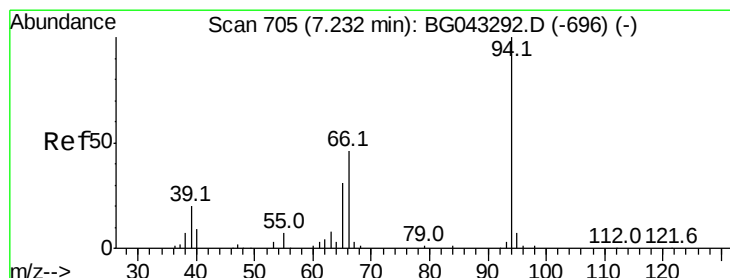
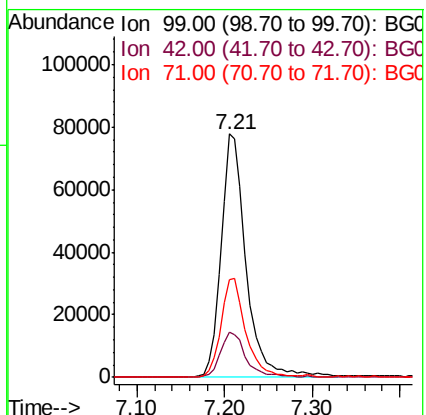
Tot Ion: 99 Resp: 153171

Ion Ratio Lower Upper

99 100

42 18.6 14.6 21.8

71 40.1 32.5 48.7



#10

Phenol

Concen: 2.451 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

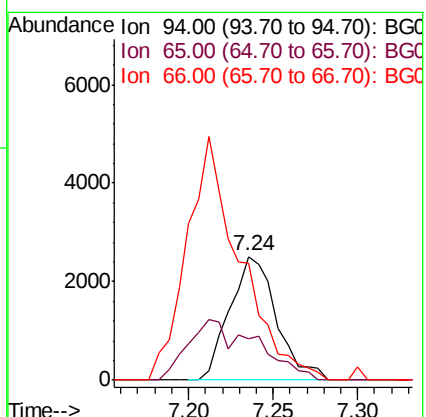
Tgt Ion: 94 Resp: 4840

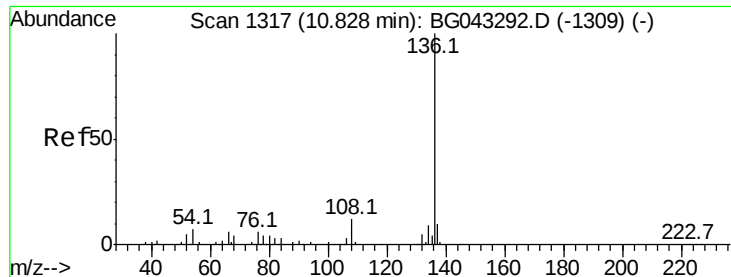
Ion Ratio Lower Upper

94 100

65 33.8 12.6 52.6

66 94.1 30.7 70.7#

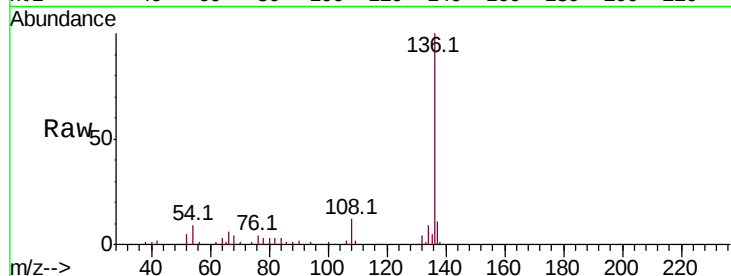




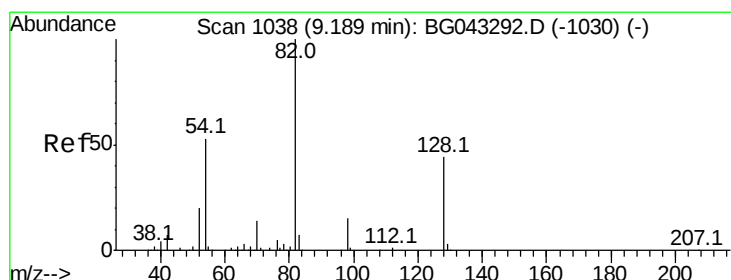
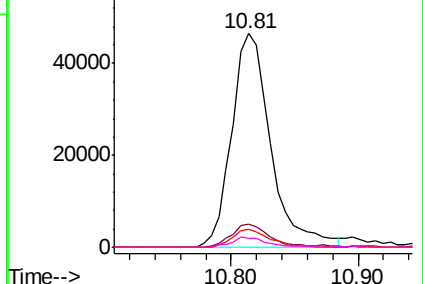
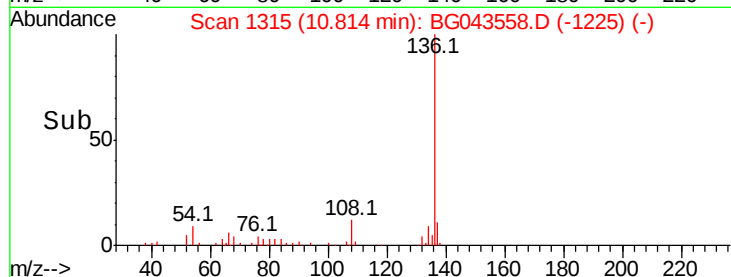
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB124608BL

Tot Ion:136	Resp:	99784	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.7	13.1	
54 8.7	5.4	8.2#	
68 4.0	3.0	4.4	

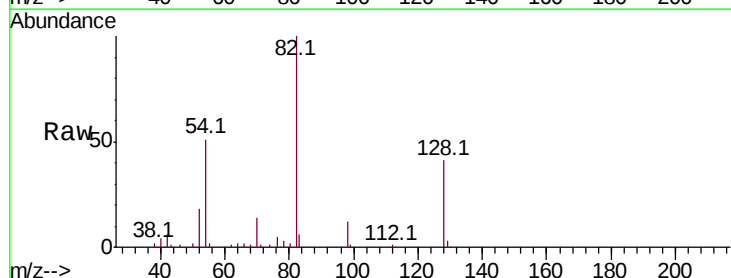


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

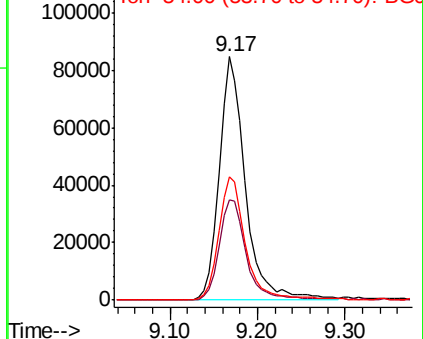
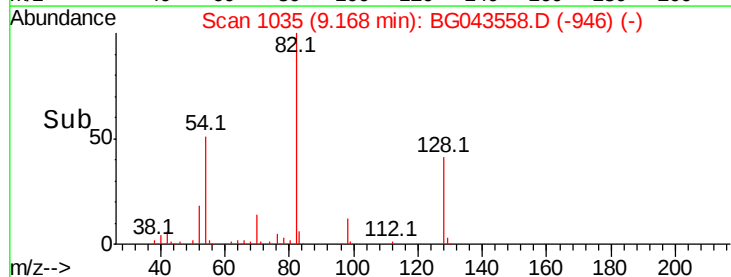


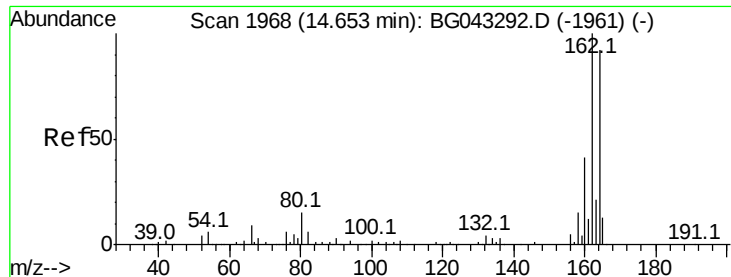
#23
Nitrobenzene-d5
Concen: 90.151 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt	Ion: 82	Resp:	174487
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.6
54	50.9	40.2	60.2



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

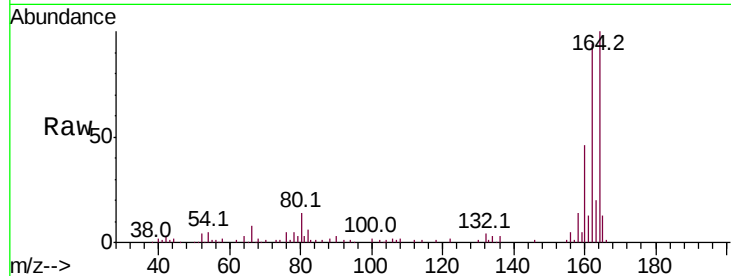




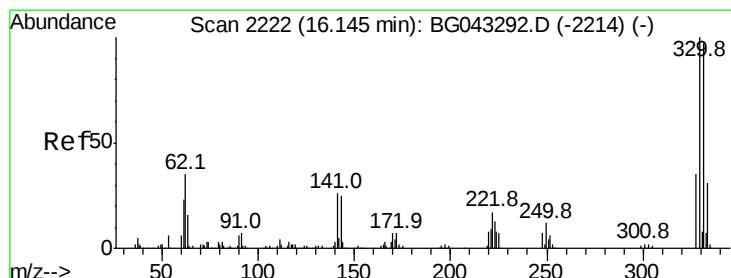
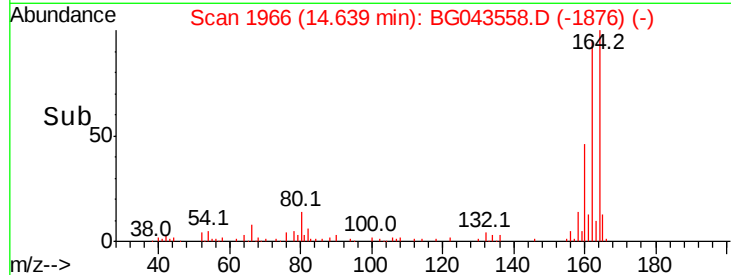
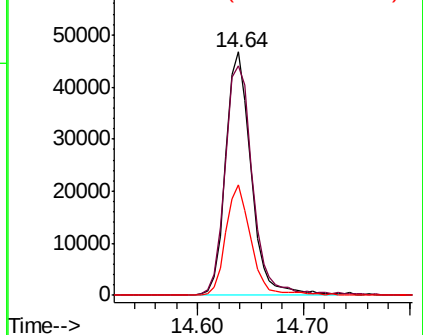
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB124608BL

Tot Ion:164 Resp: 77903
Ion Ratio Lower Upper
164 100
162 94.2 83.5 125.3
160 45.6 36.5 54.7

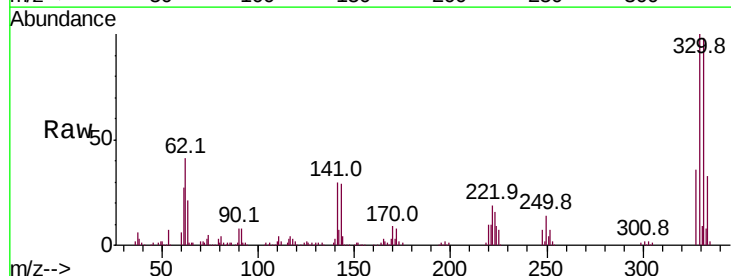


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

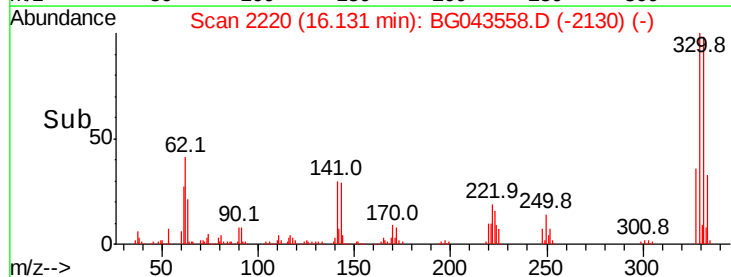
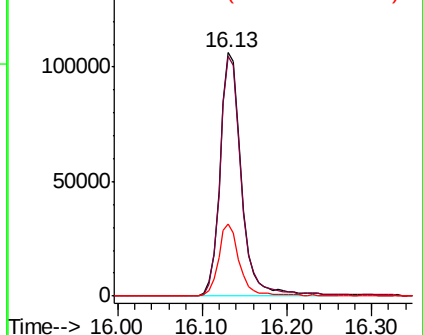


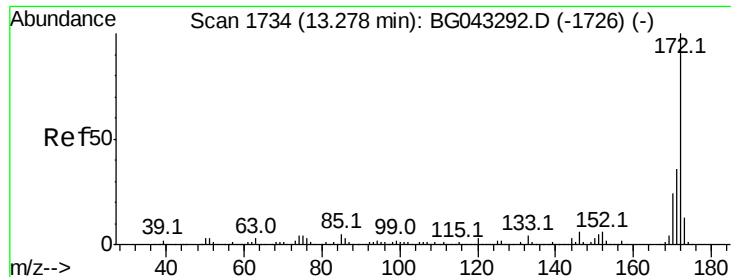
#42
2,4,6-Tribromophenol
Concen: 127.540 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:330 Resp: 189077
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.4 22.8 34.2



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



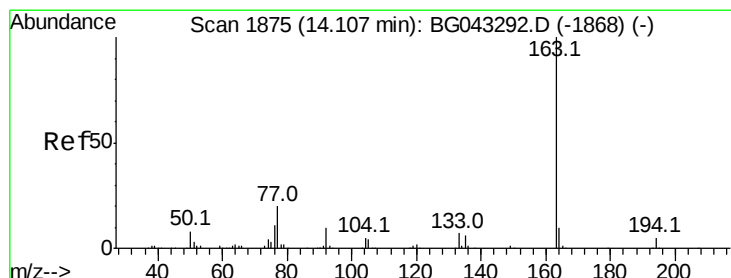
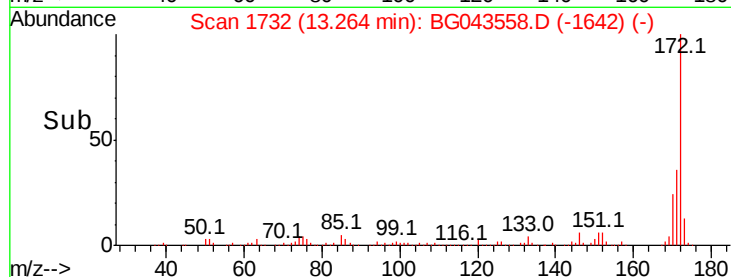
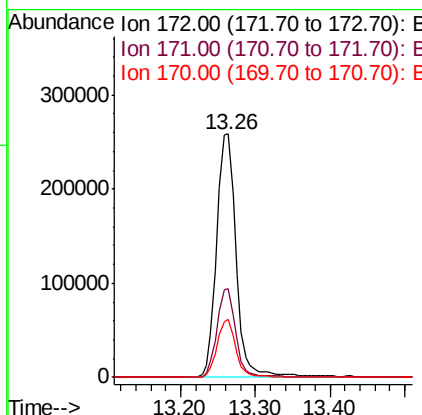
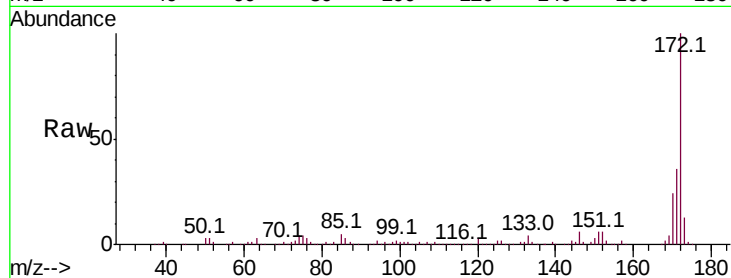


#45
 2-Fluorobiphenyl
 Concen: 83.988 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BL

Tot Ion:172 Resp: 473508

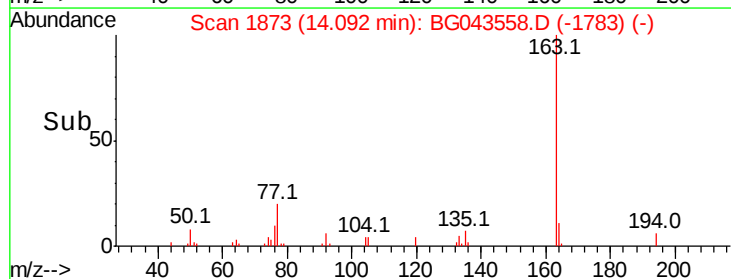
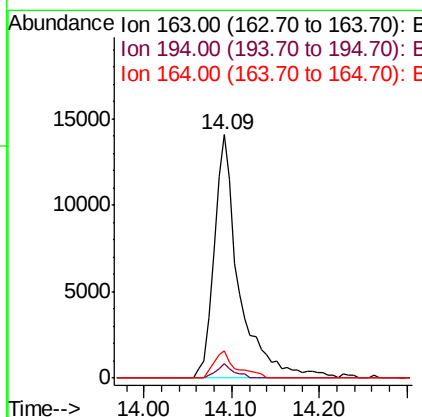
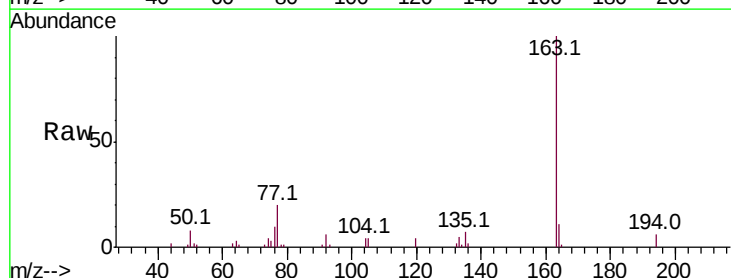
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.7	18.5	27.7

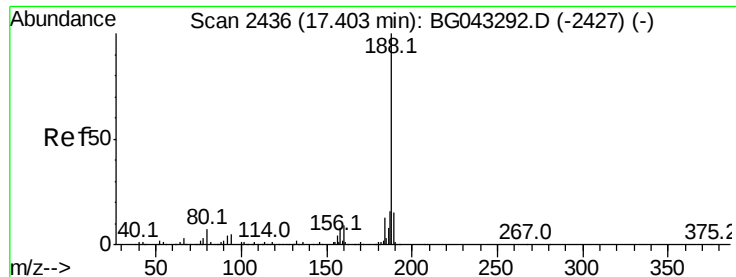


#50
 Dimethylphthalate
 Concen: 4.569 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Tgt Ion:163 Resp: 27571

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.6#
164	11.3	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB124608BL

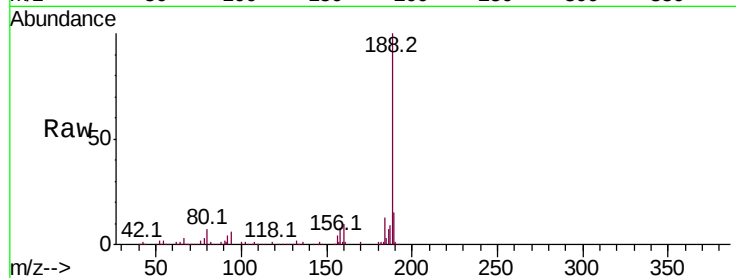
Tot Ion:188 Resp: 199093

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.7 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

150000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

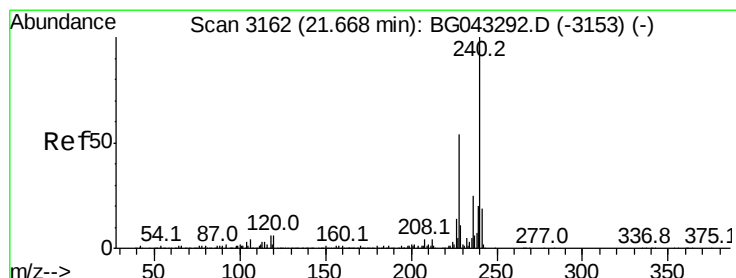
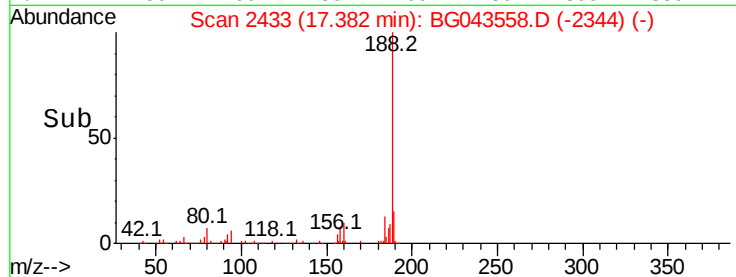
17.38

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

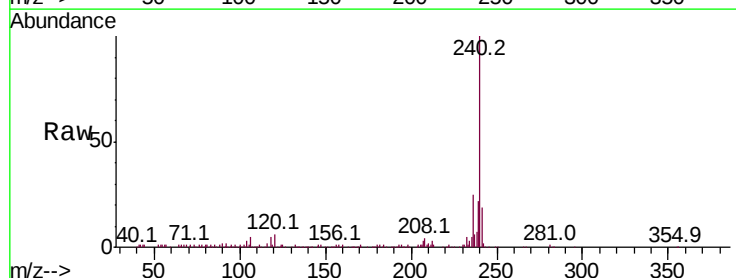
Tgt Ion:240 Resp: 210432

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

236 24.7 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

150000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

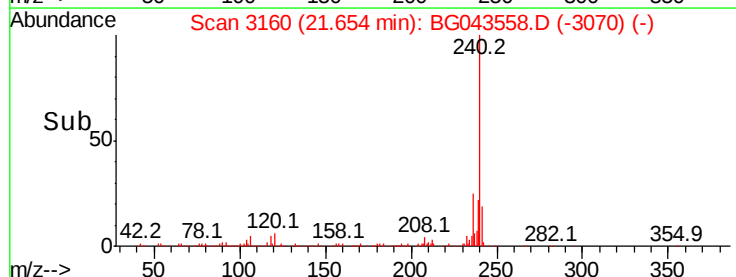
21.65

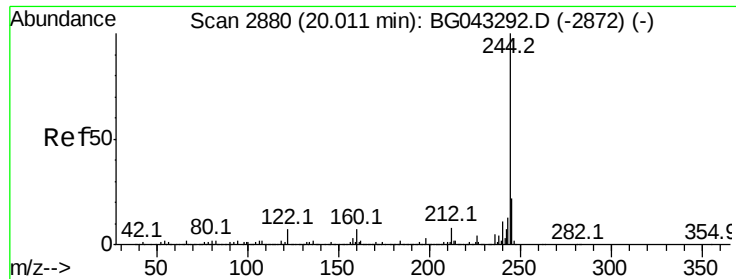
100000

50000

0

Time-->



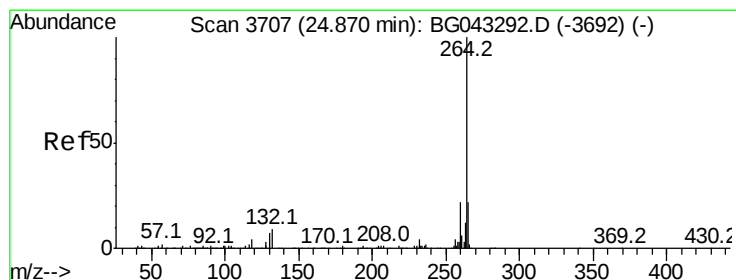
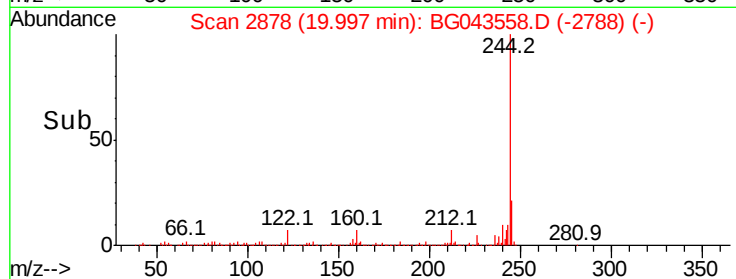
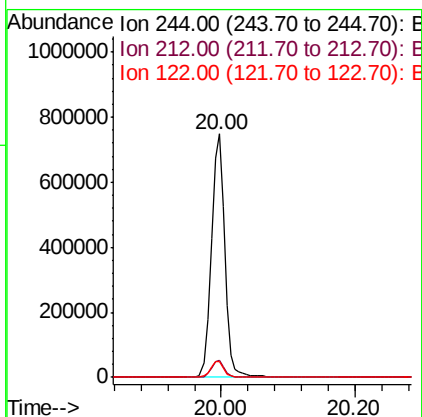
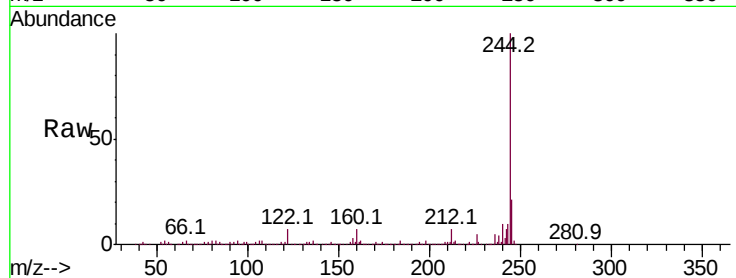


#79
 Terphenyl-d14
 Concen: 94.459 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BL

Tot Ion:244 Resp: 1059524

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.7	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Tgt Ion:264 Resp: 239819

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.5	26.3
265	22.4	17.4	26.0

