

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043312.D
 Acq On : 23 Oct 2019 17:24
 Operator : JU
 Sample : PB124212BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BL

Quant Time: Oct 24 06:58:18 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	33656	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	108837	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	91878	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	238741	20.00	ng	0.00
76) Chrysene-d12	21.67	240	303955	20.00	ng	0.00
87) Perylene-d12	24.86	264	342326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	159363	86.77	ng	0.00
7) Phenol-d6	7.20	99	144516	54.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	207204	98.15	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	250087	143.03	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	586538	88.21	ng	0.00
79) Terphenyl-d14	20.01	244	1515387	93.53	ng	0.00

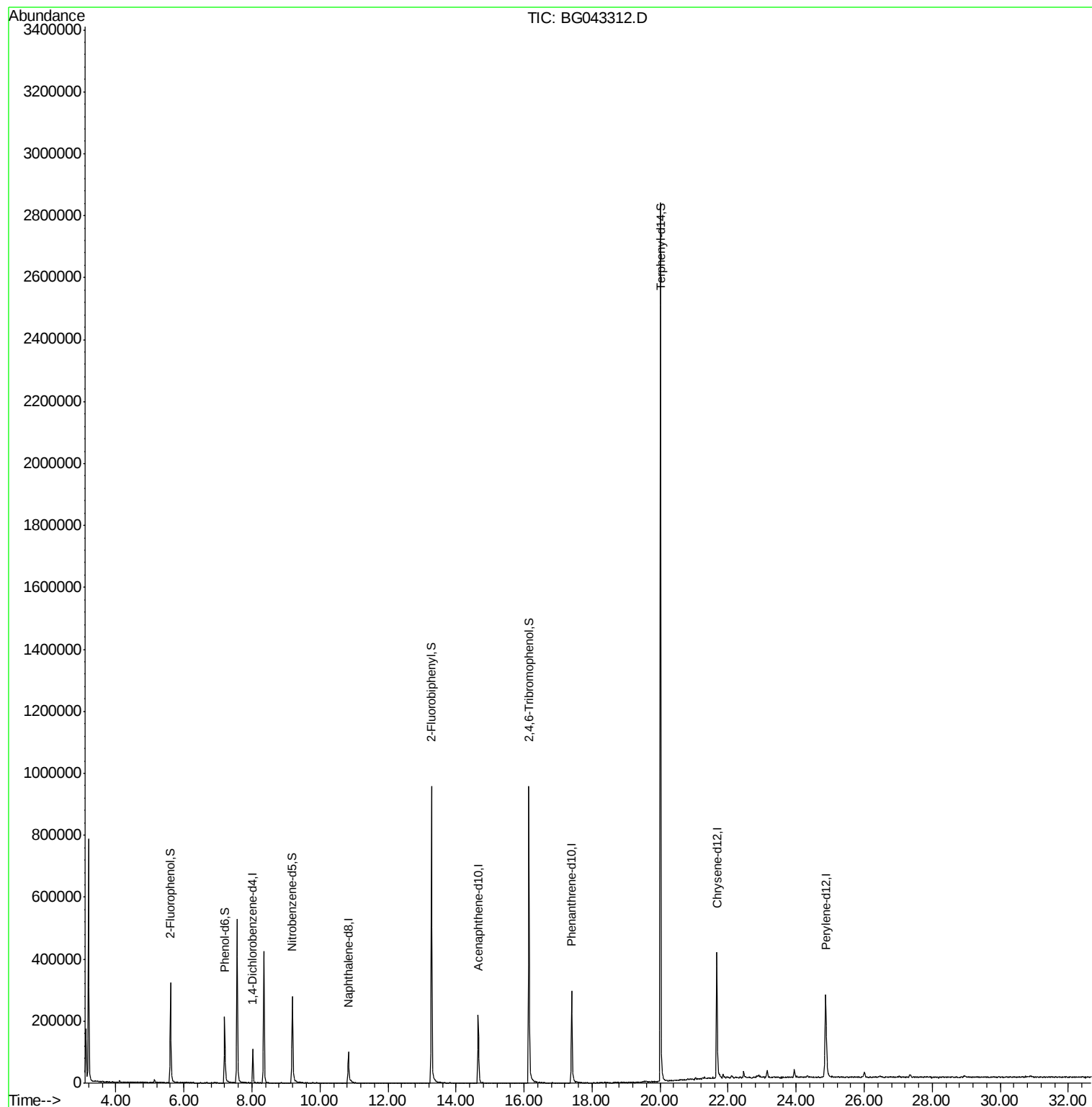
Target Compounds Qvalue

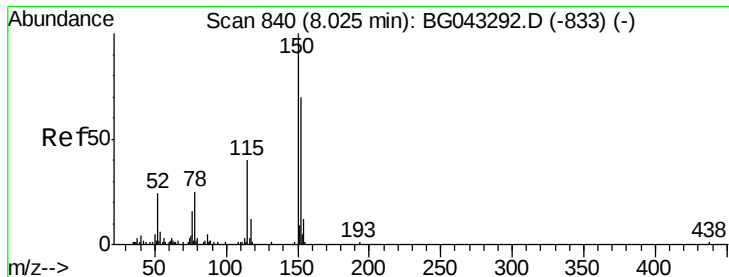
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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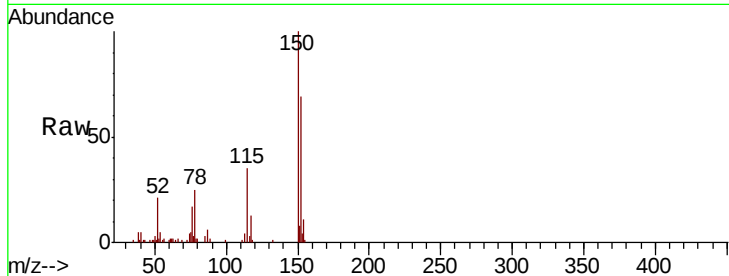


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043312.D
Acq: 23 Oct 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124212BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	113.6	170.4
115	49.9	45.9	68.9

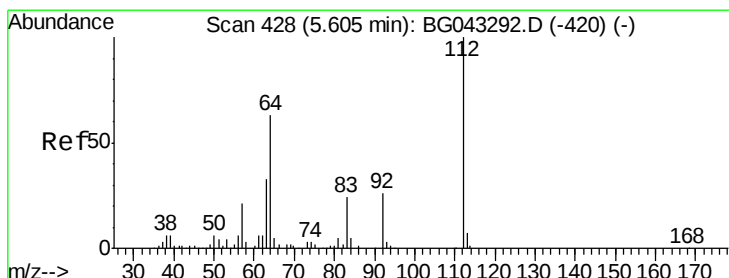
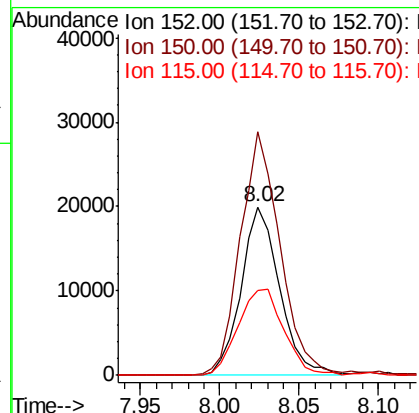
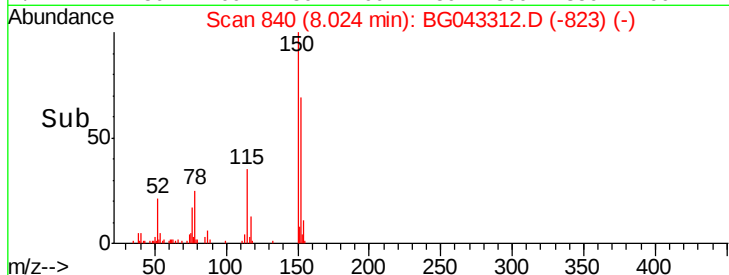


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

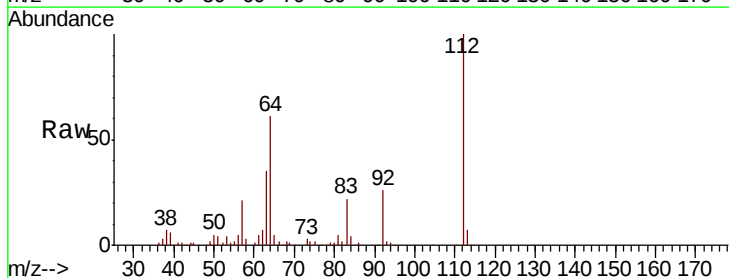
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.767 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043312.D
Acq: 23 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.2	75.2
63	35.2	26.7	40.1

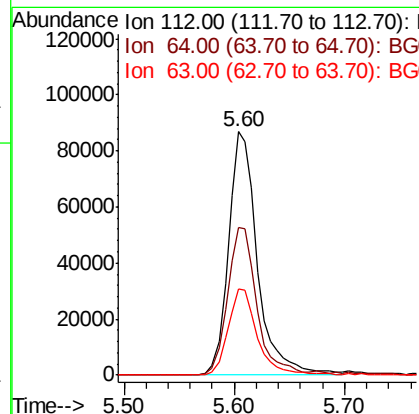
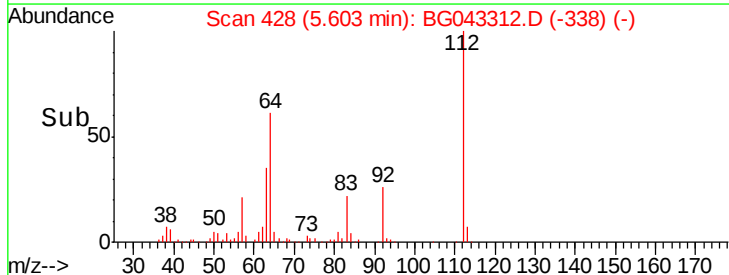


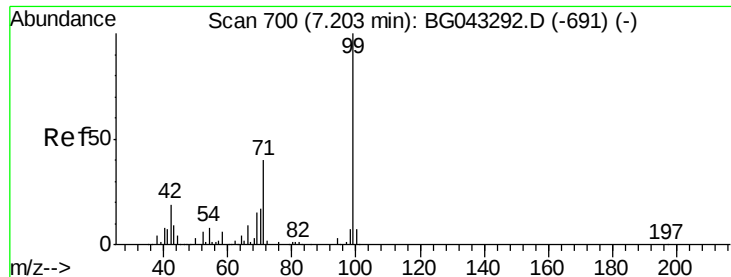
Abundance

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: 54.688 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043312.D

Acq: 23 Oct 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124212BL

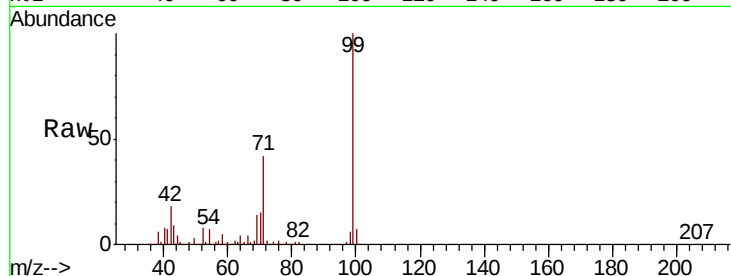
Tot Ion: 99 Resp: 144516

Ion Ratio Lower Upper

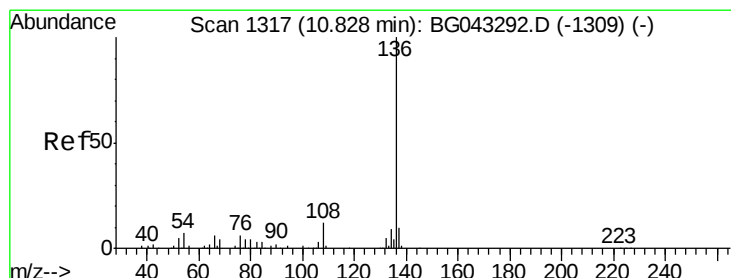
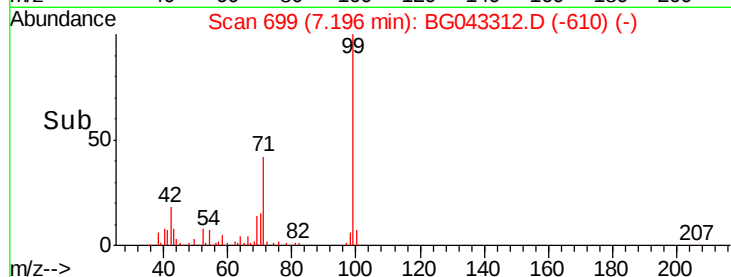
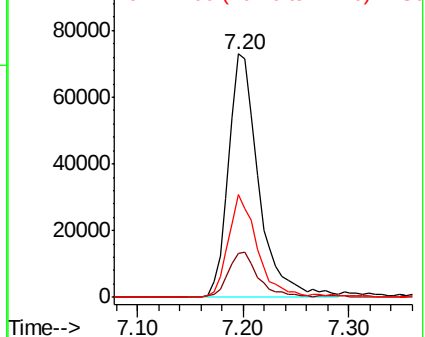
99 100

42 18.3 14.9 22.3

71 42.4 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: BG043312.D

Acq: 23 Oct 2019 17:24

Tgt Ion: 136 Resp: 108837

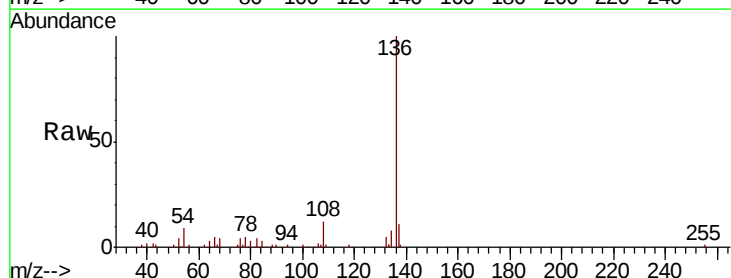
Ion Ratio Lower Upper

136 100

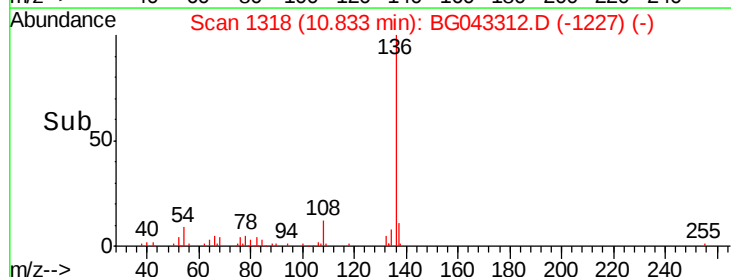
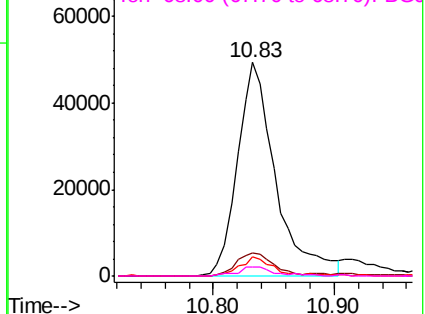
137 10.5 8.2 12.2

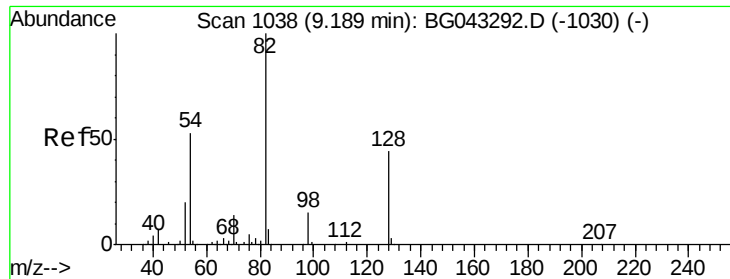
54 8.9 5.4 8.2#

68 4.0 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

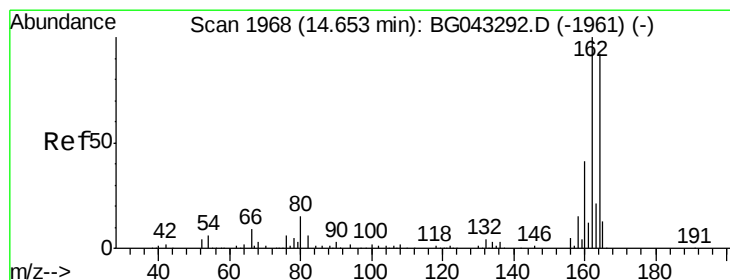
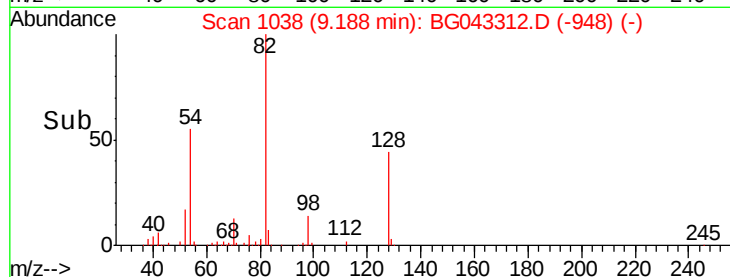
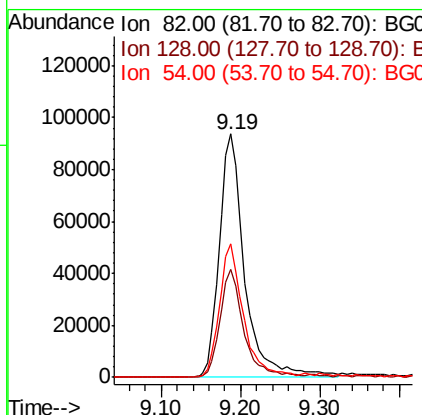
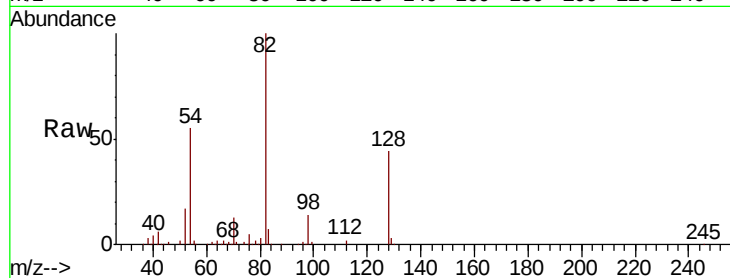




#23
Nitrobenzene-d5
Concen: 98.150 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043312.D
Acq: 23 Oct 2019 17:24

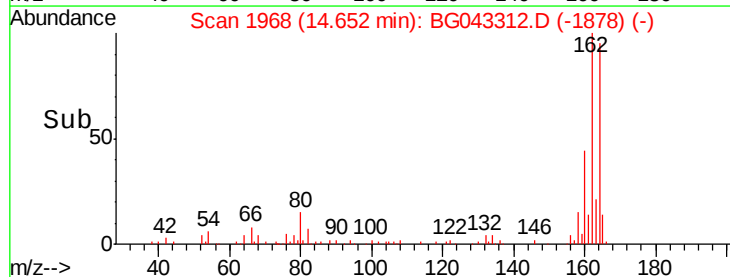
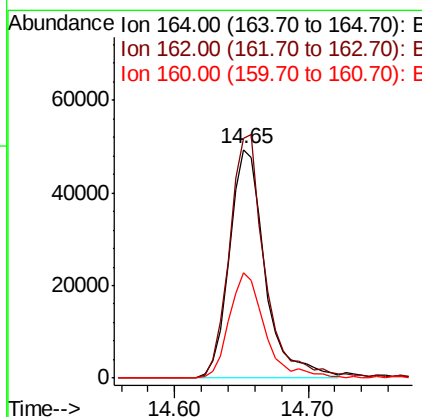
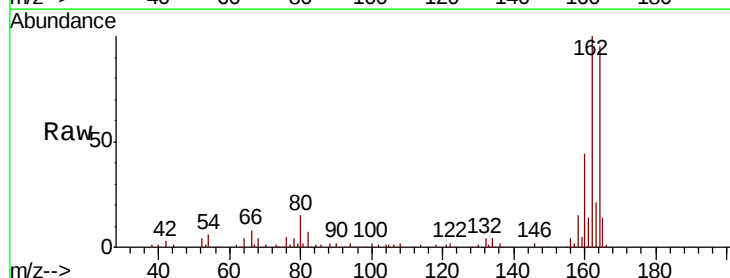
Instrument :
BNA_G
ClientSampleId :
PB124212BL

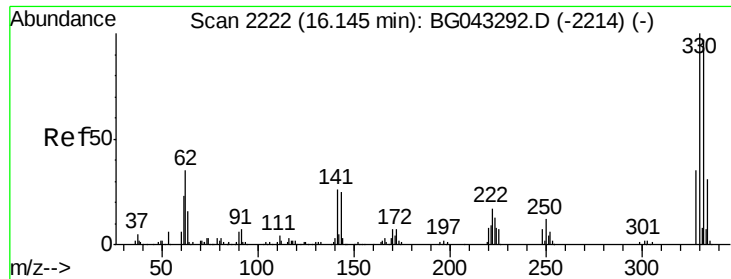
Tot Ion	82	Resp	207204
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.3	52.9
54	54.8	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043312.D
Acq: 23 Oct 2019 17:24

Tgt Ion	164	Resp	91878
Ion Ratio	Lower	Upper	
164	100		
162	105.0	87.0	130.4
160	46.4	35.5	53.3

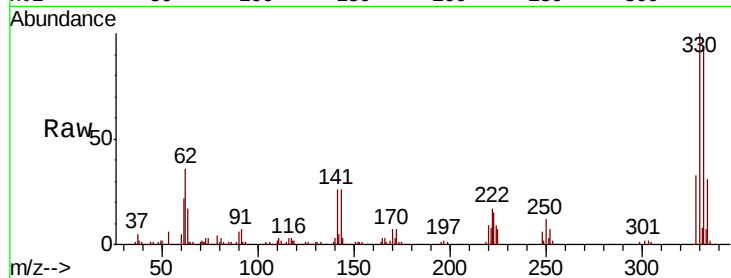




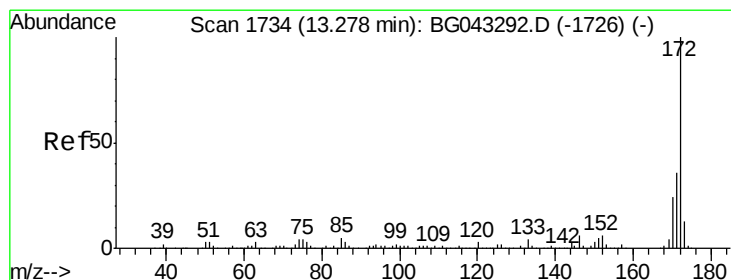
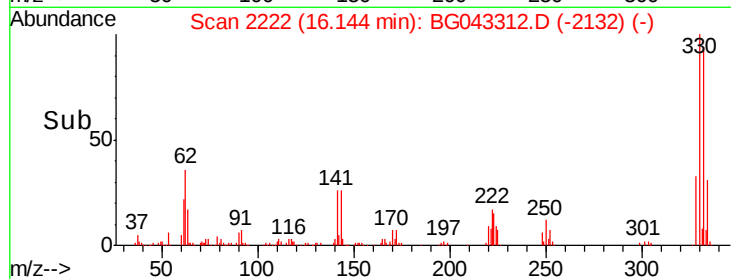
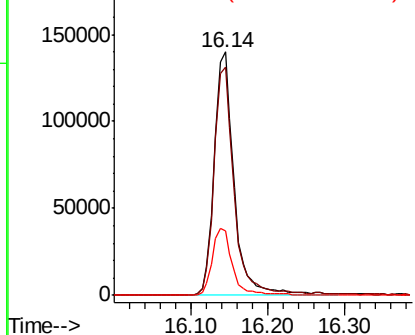
#42
 2,4,6-Tribromophenol
 Concen: 143.034 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043312.D
 Acq: 23 Oct 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.4	114.6
141	28.1	21.4	32.0

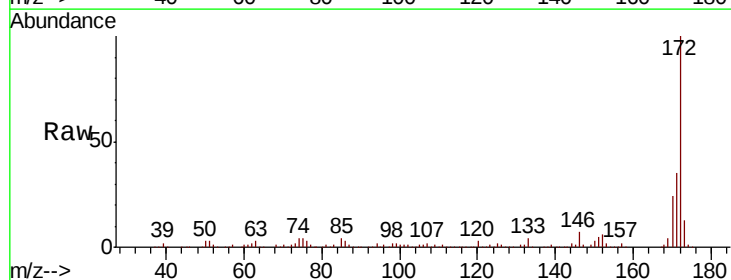


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

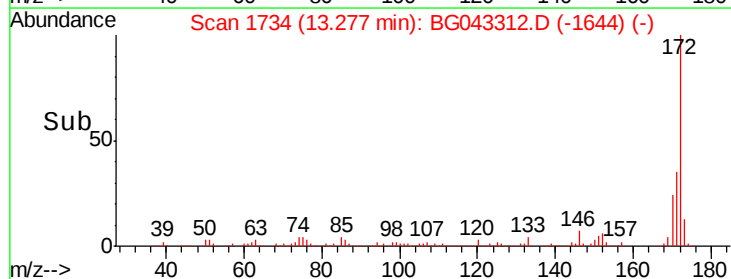
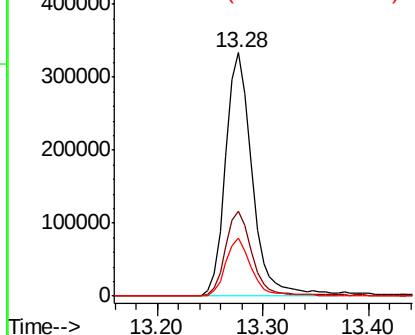


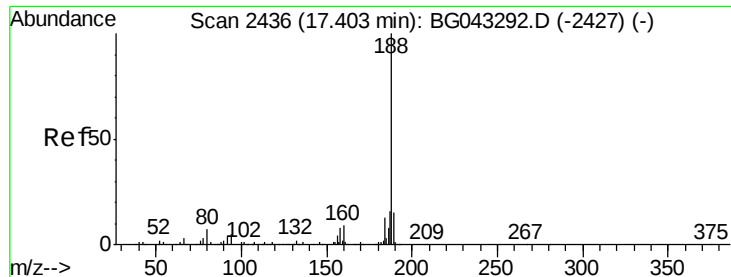
#45
 2-Fluorobiphenyl
 Concen: 88.213 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043312.D
 Acq: 23 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043312.D

Acq: 23 Oct 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124212BL

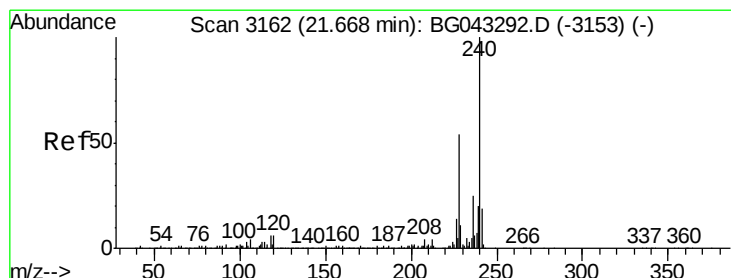
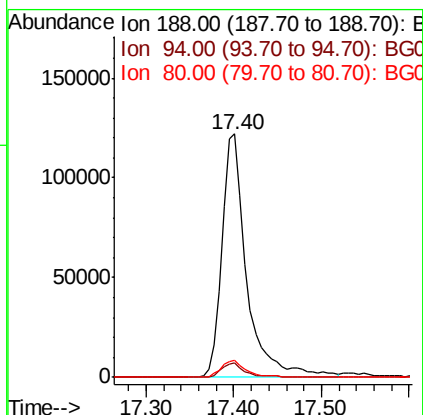
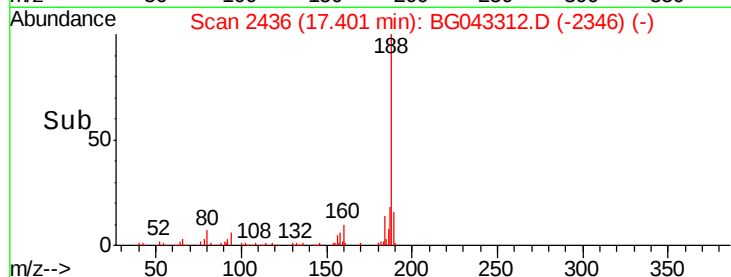
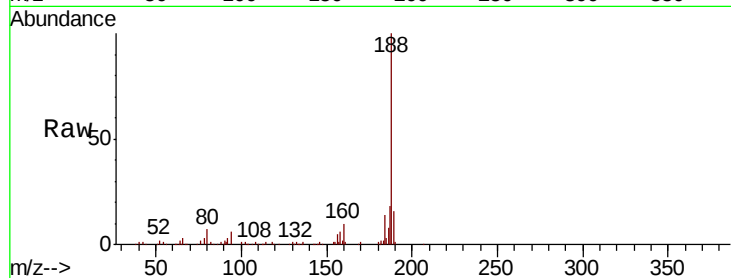
Tot Ion:188 Resp: 238741

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.2

80 7.1 5.2 7.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043312.D

Acq: 23 Oct 2019 17:24

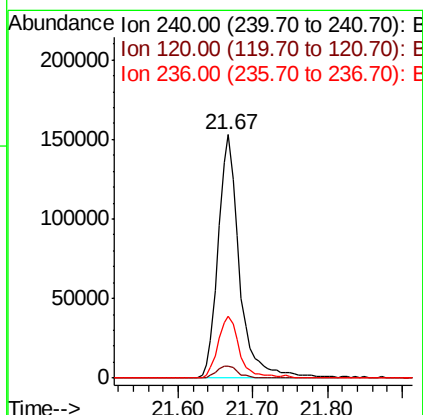
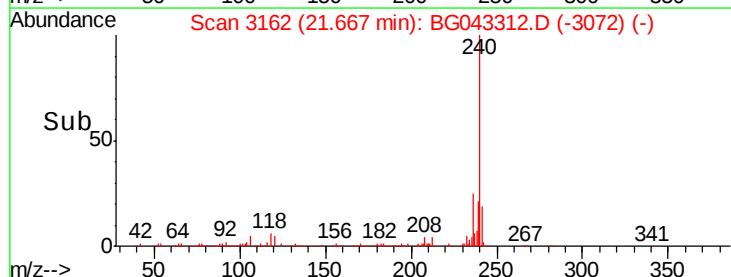
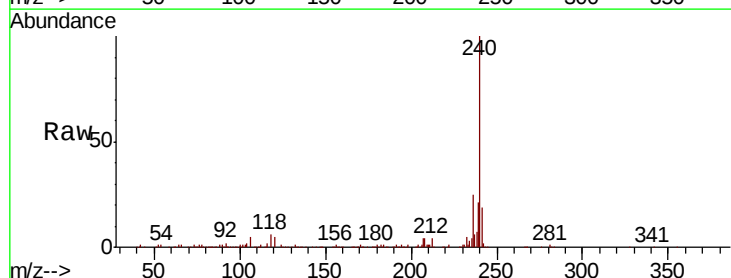
Tgt Ion:240 Resp: 303955

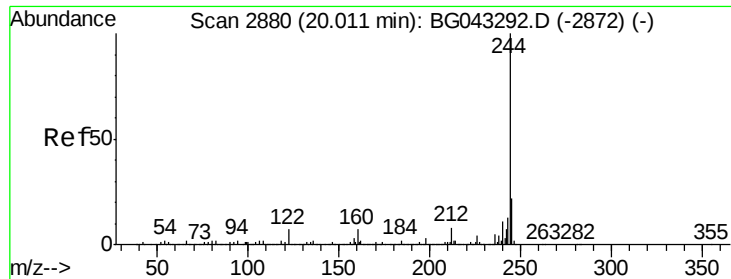
Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

236 25.3 20.2 30.4





#79

Terphenyl-d14

Concen: 93.532 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043312.D

Acq: 23 Oct 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124212BL

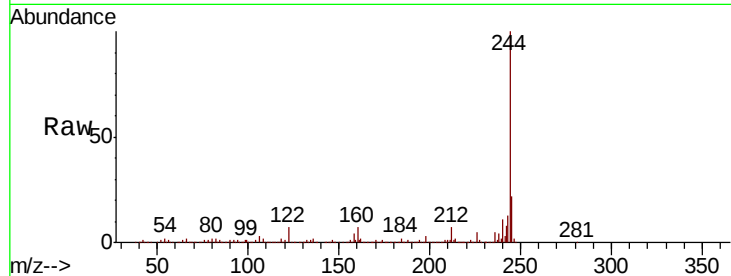
Tot Ion:244 Resp: 1515387

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	7.2	5.3	7.9

244 100

212 7.3 6.4 9.6

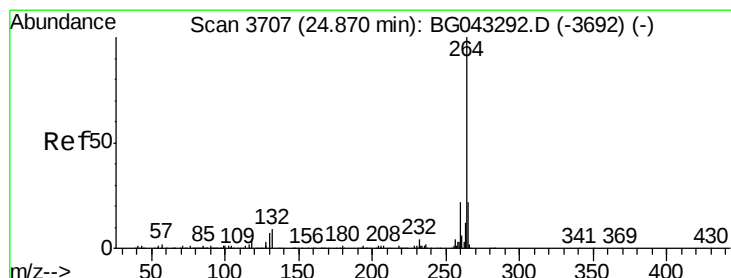
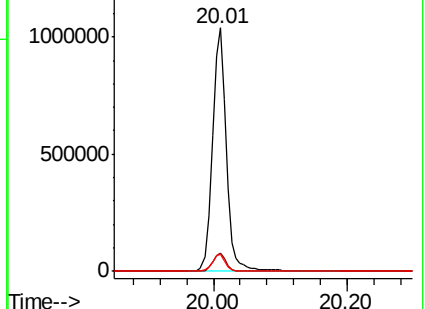
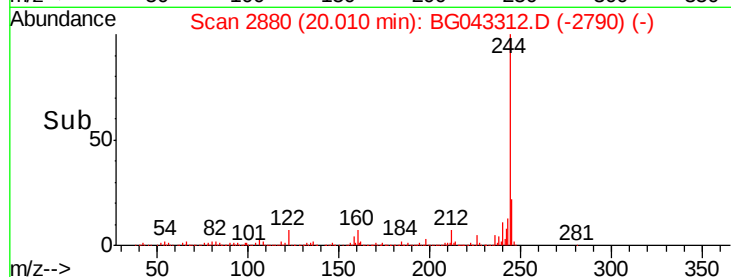
122 7.2 5.3 7.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043312.D

Acq: 23 Oct 2019 17:24

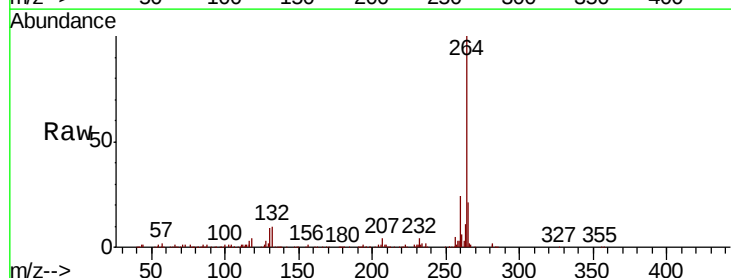
Tgt Ion:264 Resp: 342326

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.4	17.4	26.2

264 100

260 23.5 17.9 26.9

265 21.4 17.4 26.2



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

