

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045449.D
 Acq On : 21 May 2020 21:02
 Operator : CG/JU
 Sample : L2728-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239990

Quant Time: May 22 01:07:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

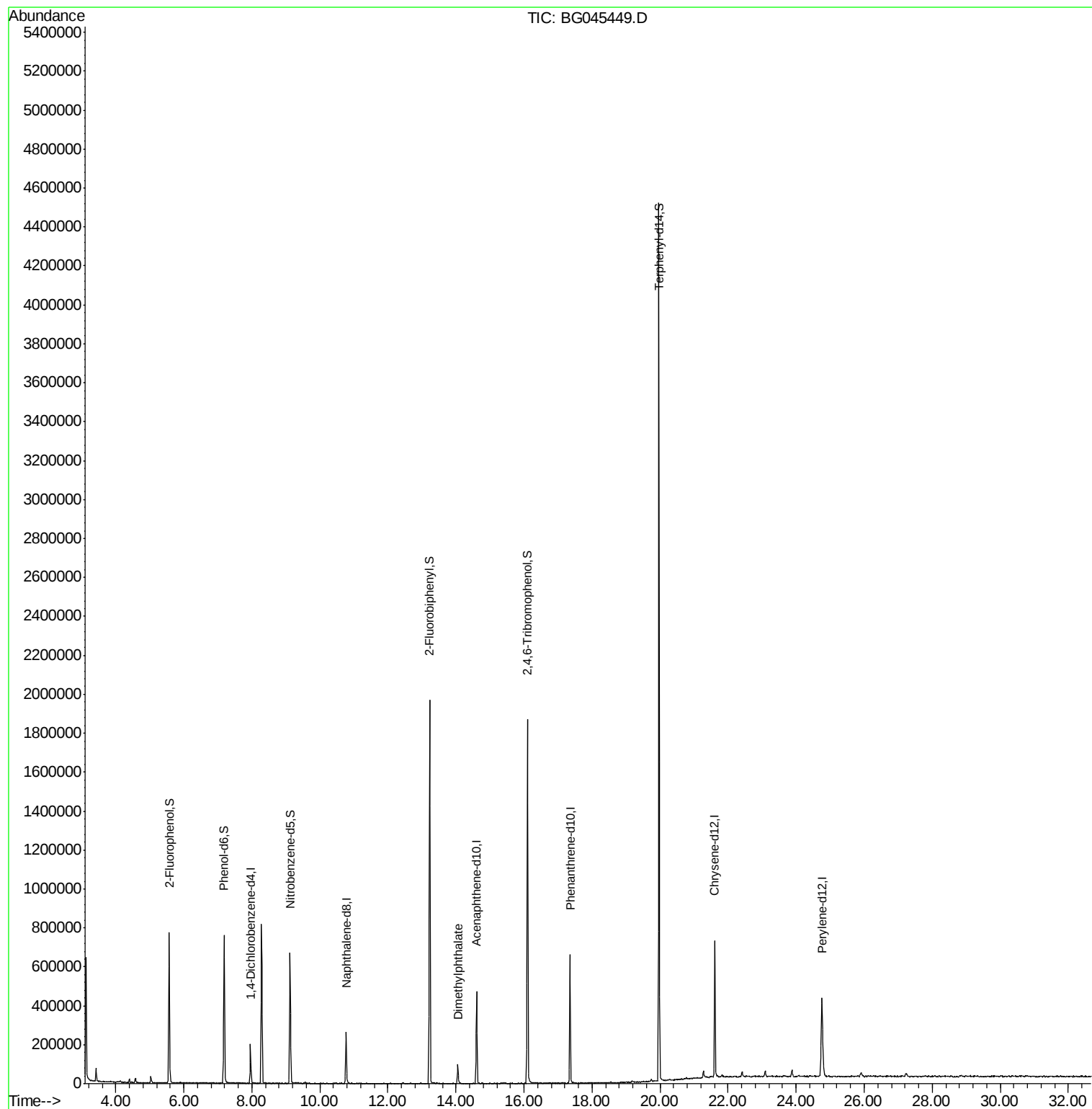
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61429	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	235195	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	178159	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	435404	20.00	ng	0.00
76) Chrysene-d12	21.61	240	452354	20.00	ng	-0.01
87) Perylene-d12	24.76	264	479595	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	393872	125.31	ng	0.00
7) Phenol-d6	7.19	99	515167	115.15	ng	0.00
23) Nitrobenzene-d5	9.12	82	448579	104.01	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	385069	169.00	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1127388	107.34	ng	0.00
79) Terphenyl-d14	19.97	244	2091652	107.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	69472	5.684	ng	Qvalue 99

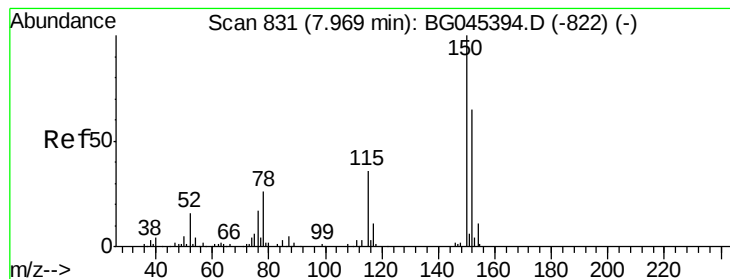
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

239990

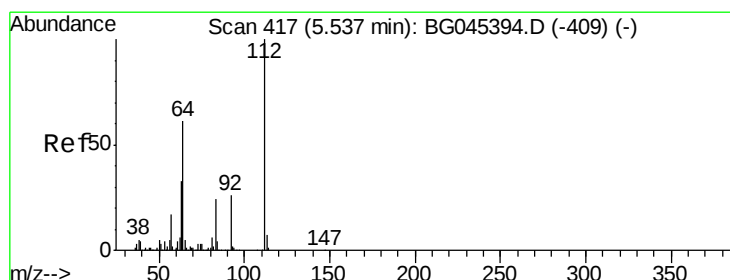
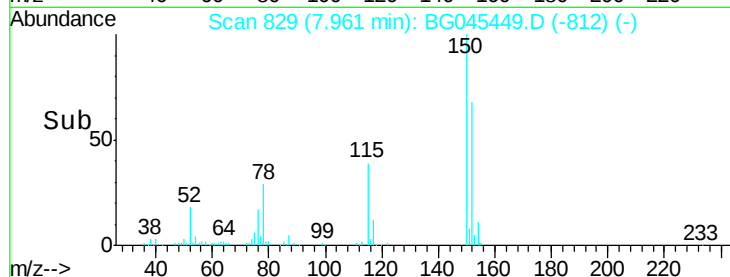
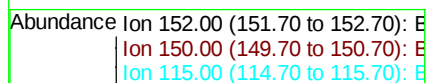
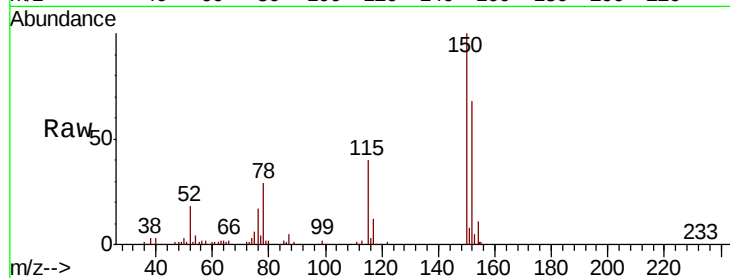
Tot Ion:152 Resp: 61429

Ion Ratio Lower Upper

152 100

150 147.8 122.4 183.6

115 58.5 44.2 66.4



#5

2-Fluorophenol

Concen: 125.306 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

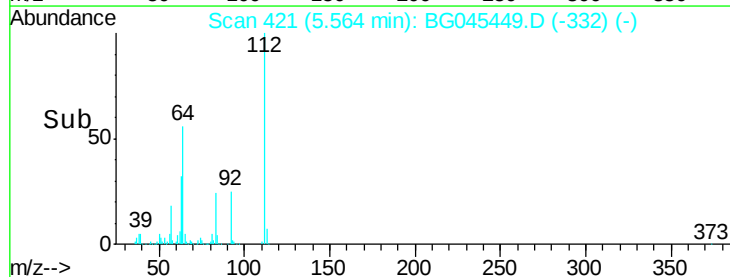
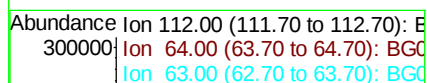
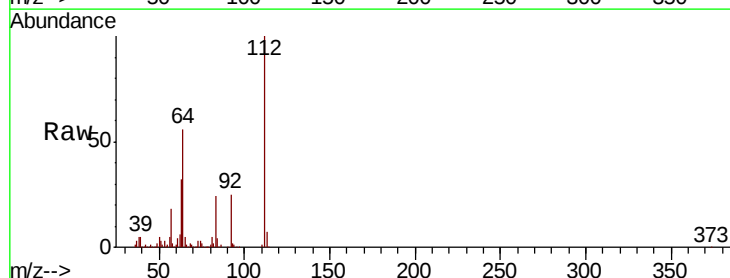
Tgt Ion:112 Resp: 393872

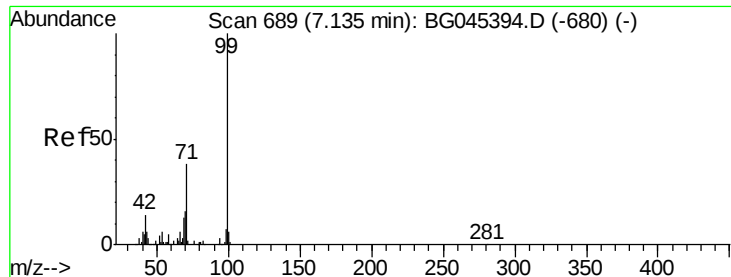
Ion Ratio Lower Upper

112 100

64 56.4 48.6 72.8

63 32.0 26.5 39.7





#7

Phenol-d6

Concen: 115.151 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

239990

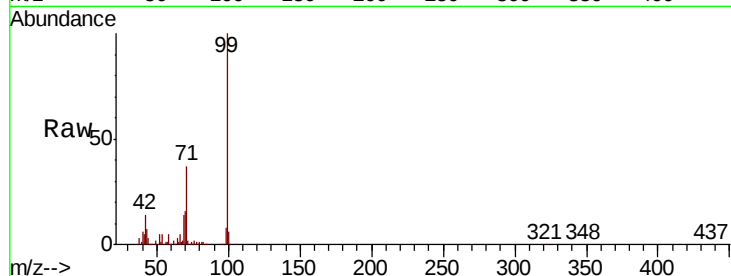
Tot Ion: 99 Resp: 515167

Ion Ratio Lower Upper

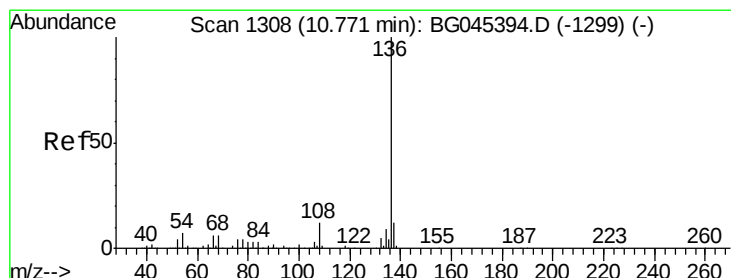
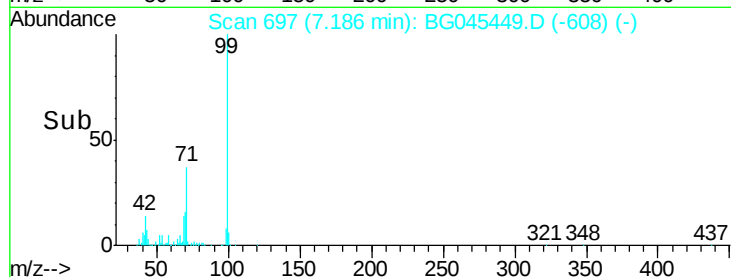
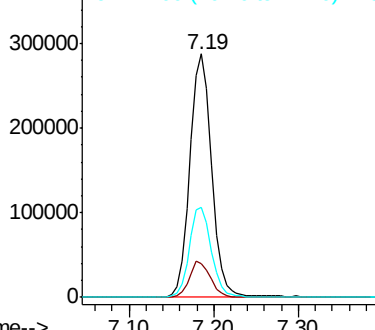
99 100

42 13.6 11.3 16.9

71 37.1 30.8 46.2



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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Tgt Ion: 136 Resp: 235195

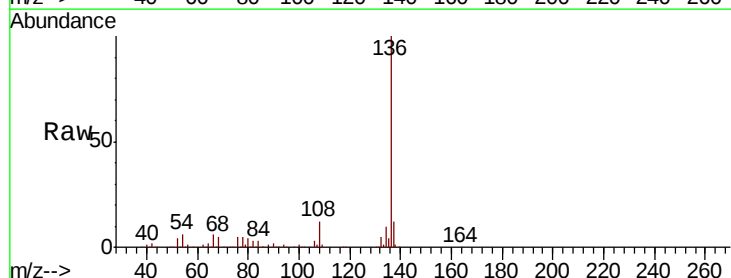
Ion Ratio Lower Upper

136 100

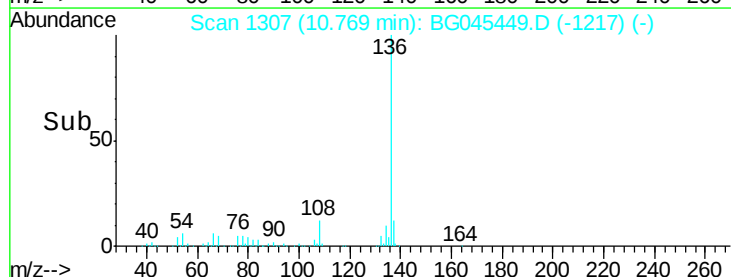
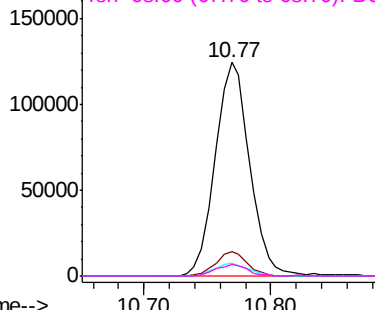
137 11.6 9.4 14.2

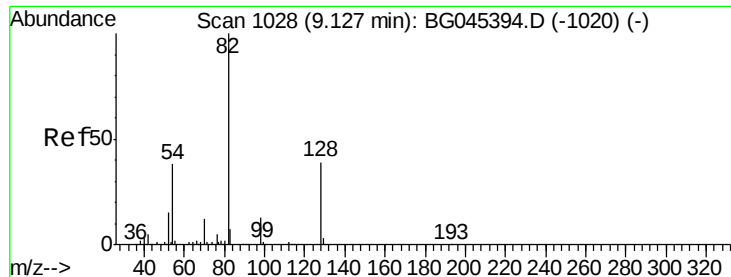
54 6.1 5.8 8.6

68 5.4 4.5 6.7



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

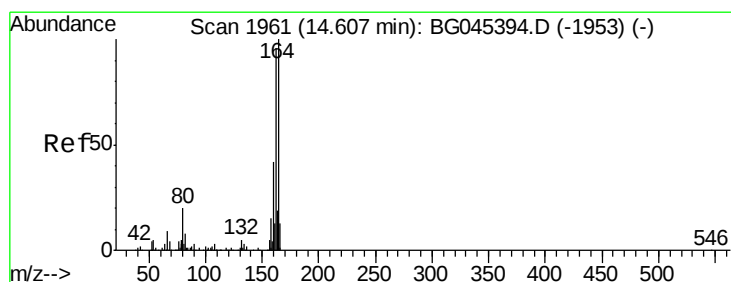
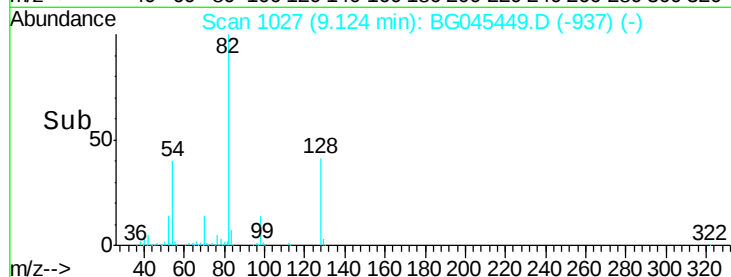
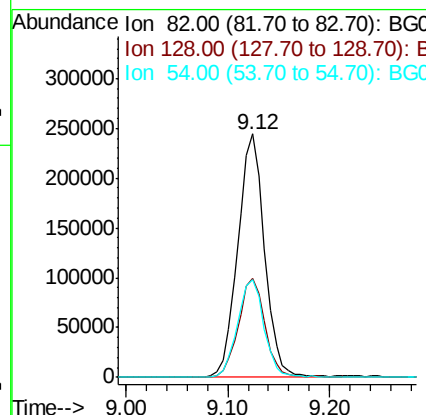
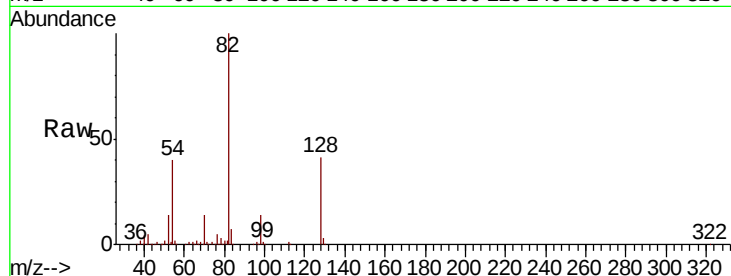




#23
Nitrobenzene-d5
Concen: 104.006 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

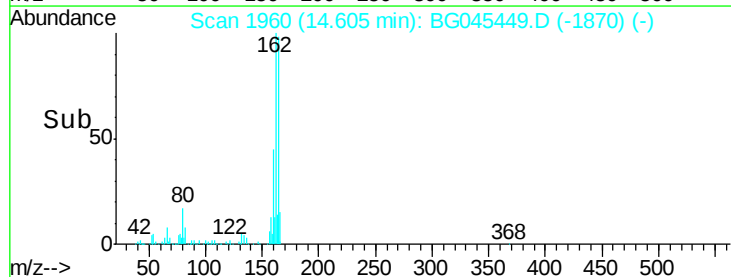
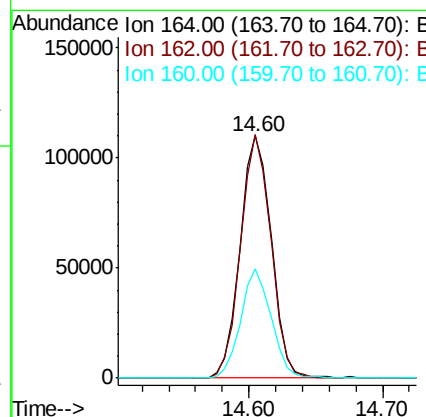
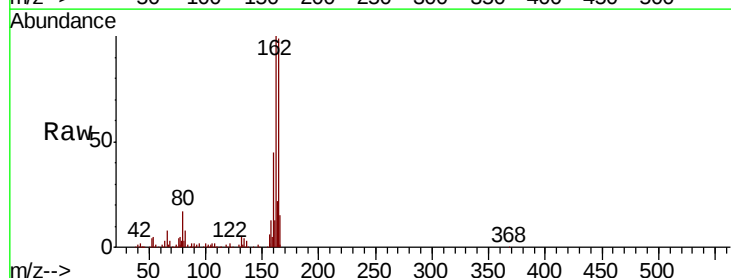
Instrument :
BNA_G
ClientSampleId :
239990

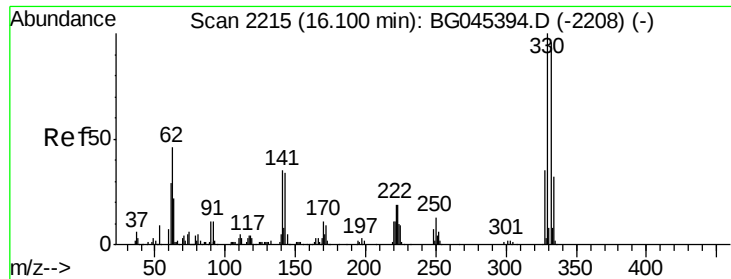
Tot Ion	82	Resp	448579
Ion Ratio	Lower	Upper	
82	100		
128	40.6	30.9	46.3
54	39.9	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Tgt Ion	164	Resp	178159
Ion Ratio	Lower	Upper	
164	100		
162	100.7	76.9	115.3
160	45.0	33.8	50.8

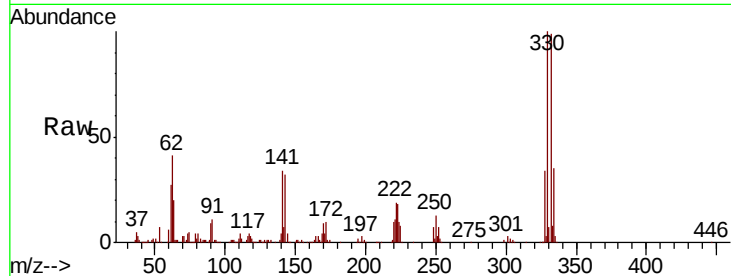




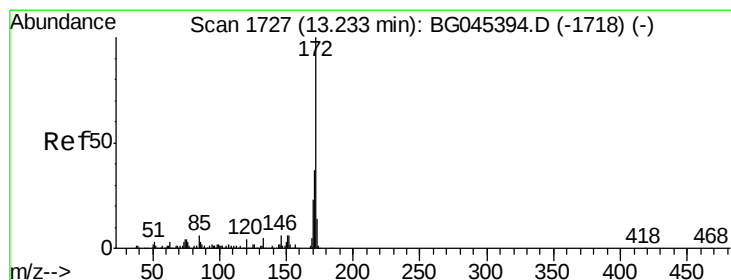
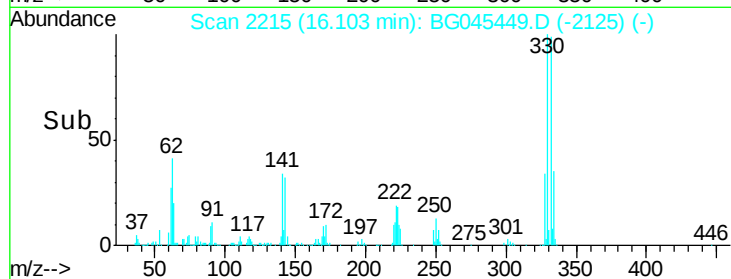
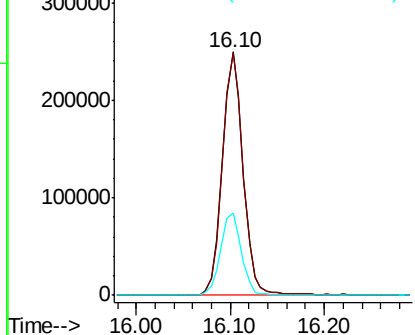
#42
 2,4,6-Tribromophenol
 Concen: 169.005 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

Instrument :
 BNA_G
 ClientSampleId :
 239990

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	78.2	117.4
141	34.1	28.2	42.4

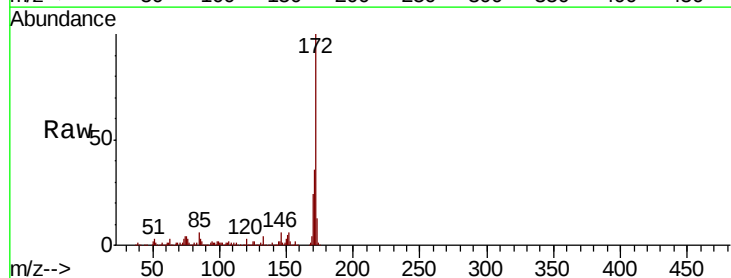


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

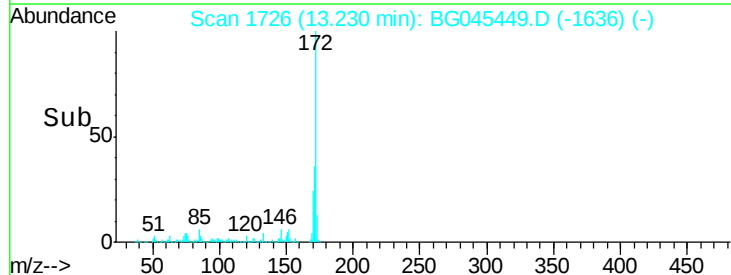
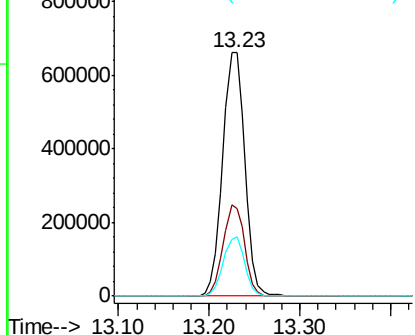


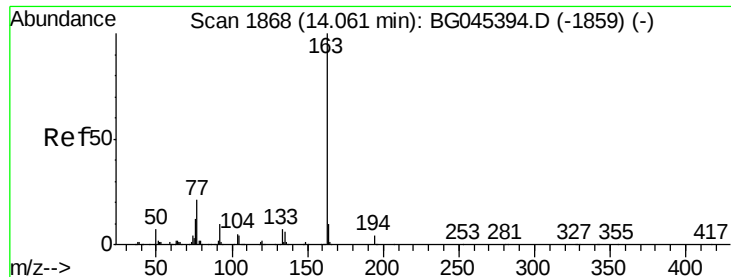
#45
 2-Fluorobiphenyl
 Concen: 107.336 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.1	18.5	27.7



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: 5.684 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

239990

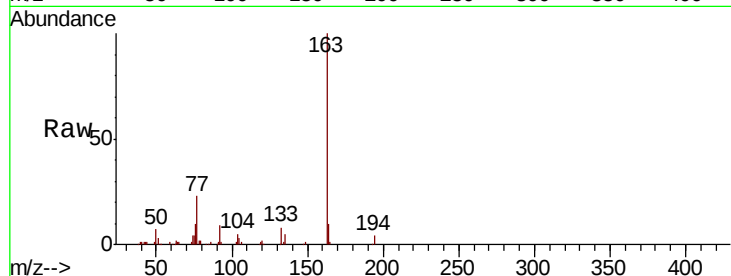
Tot Ion:163 Resp: 69472

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

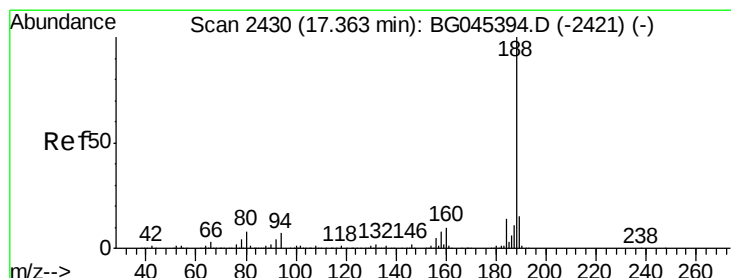
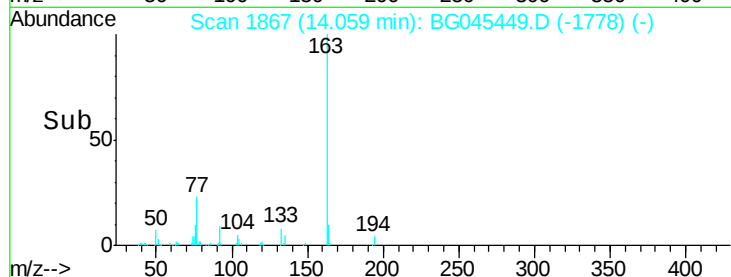
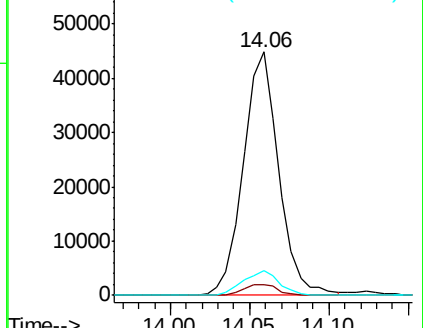
164 10.1 8.3 12.5



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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

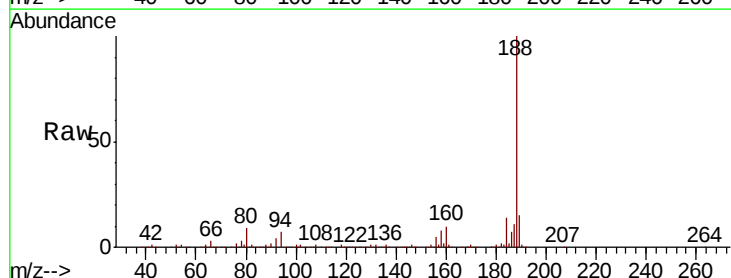
Tgt Ion:188 Resp: 435404

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

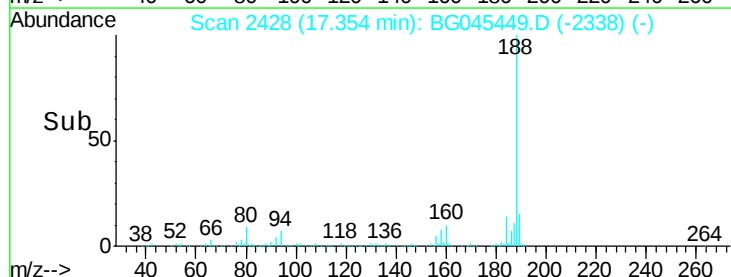
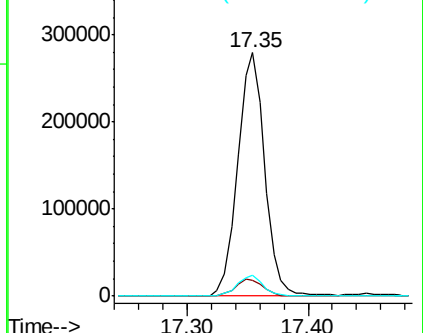
80 8.7 6.6 10.0

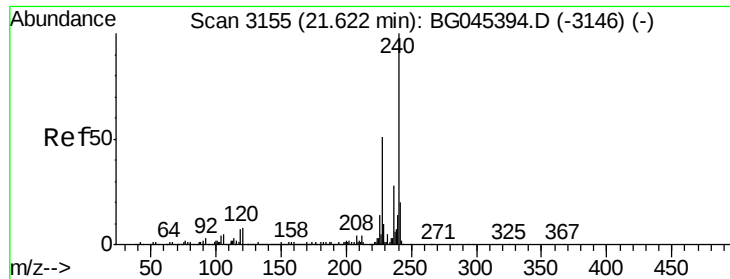


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

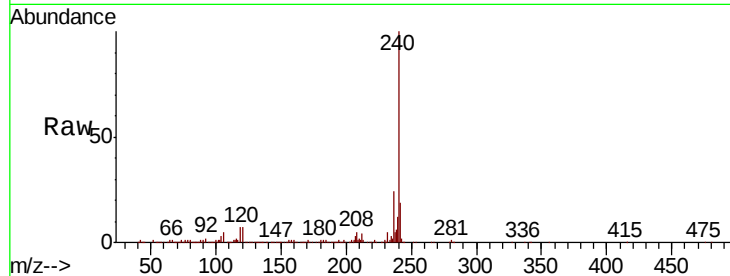




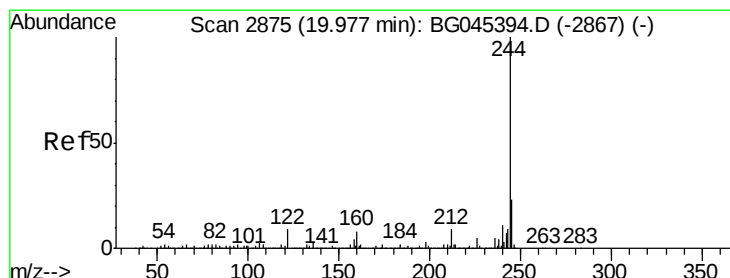
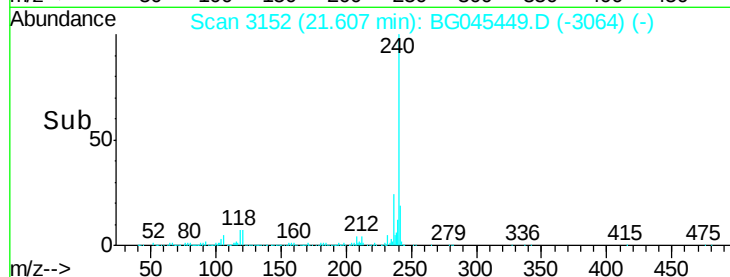
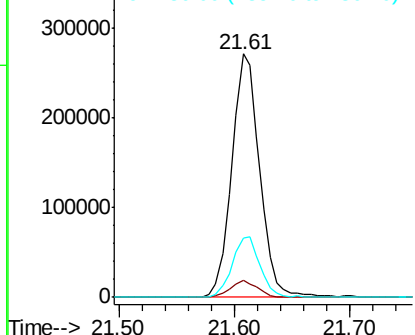
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Instrument :
BNA_G
ClientSampleId :
239990

Tot Ion:240 Resp: 452354
Ion Ratio Lower Upper
240 100
120 7.3 6.1 9.1
236 24.3 22.3 33.5

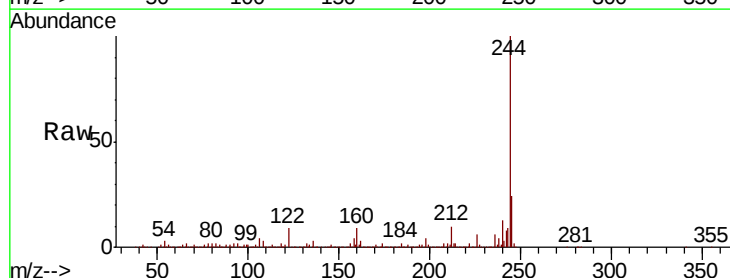


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

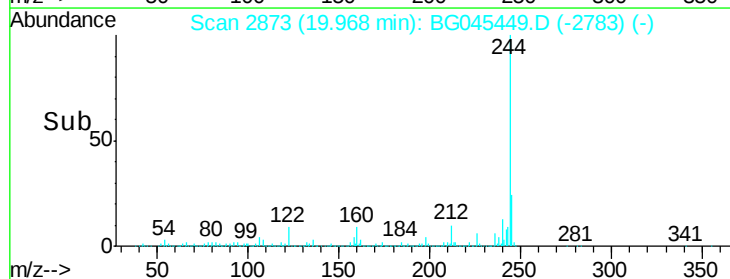
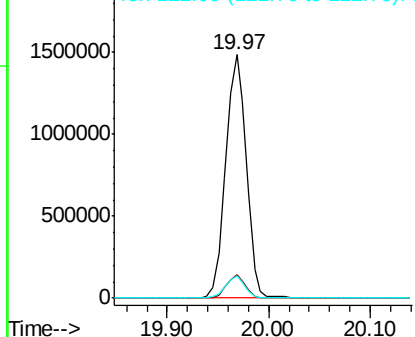


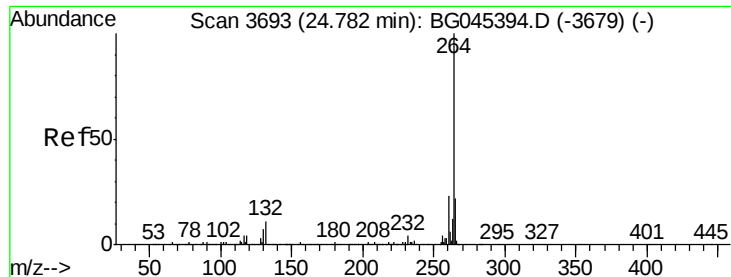
#79
Terphenyl-d14
Concen: 107.844 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Tgt Ion:244 Resp: 2091652
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.0
122 9.0 6.8 10.2



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: 24.76 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Instrument :
BNA_G
ClientSampleId :
239990

Tot Ion:	264	Resp:	479595
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.9	17.6	26.4

