

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045590.D
 Acq On : 3 Jun 2020 21:01
 Operator : CG/JU
 Sample : L2837-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Jun 04 04:58:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

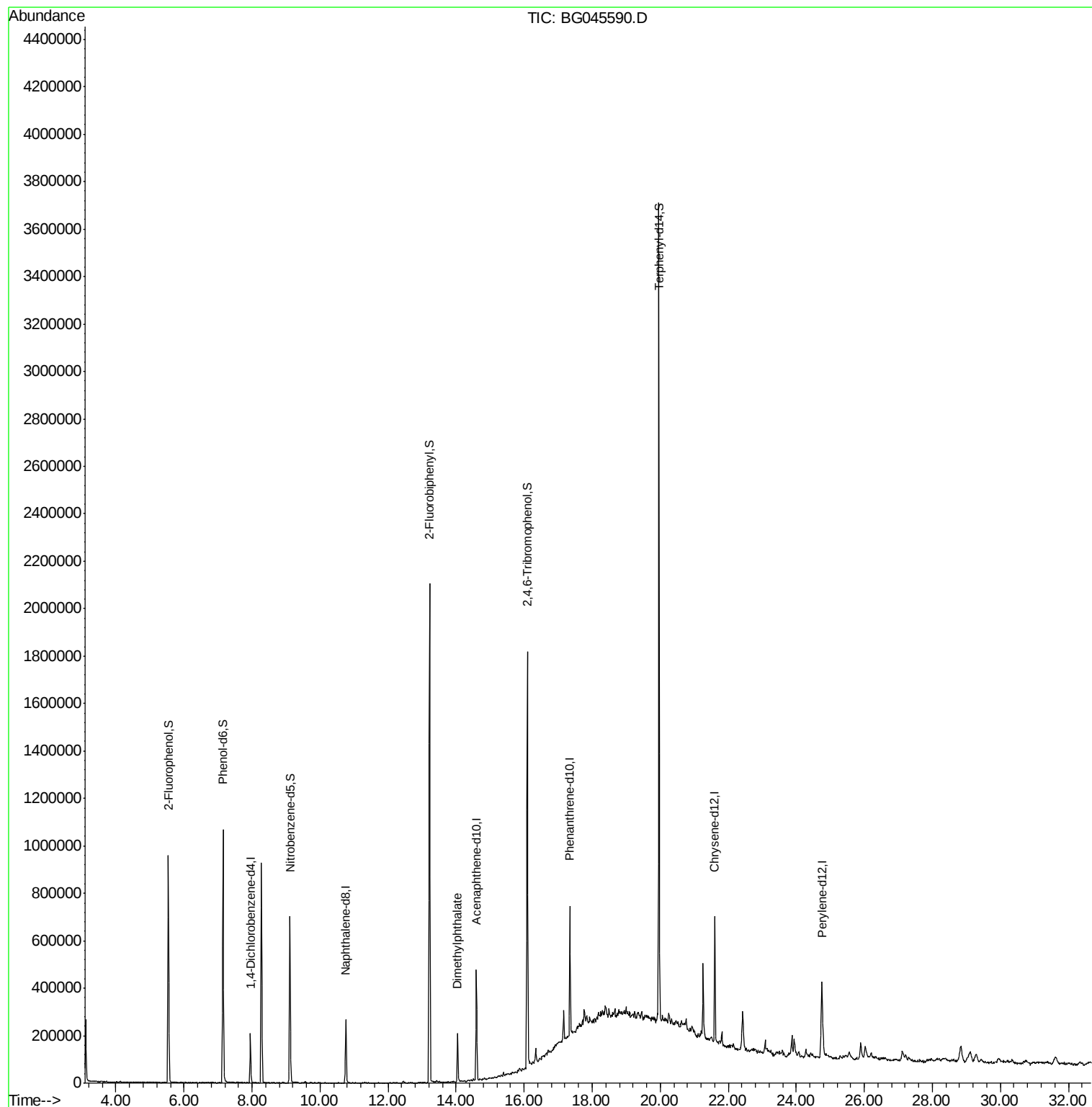
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	59668	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244600	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	173715	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	355767	20.00	ng	0.00
76) Chrysene-d12	21.60	240	333547	20.00	ng	0.00
87) Perylene-d12	24.76	264	370317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	465734	152.54	ng	0.00
7) Phenol-d6	7.15	99	708428	163.02	ng	0.00
23) Nitrobenzene-d5	9.11	82	492110	109.71	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	365456	164.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1163624	113.62	ng	0.00
79) Terphenyl-d14	19.96	244	1615060	112.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	143213	12.018	ng	Qvalue 99

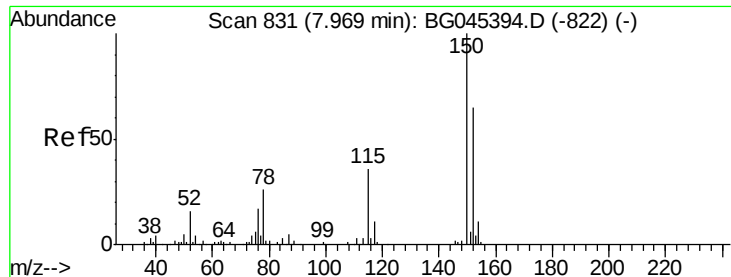
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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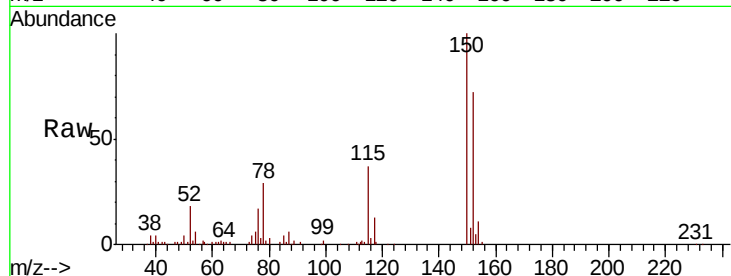


#1

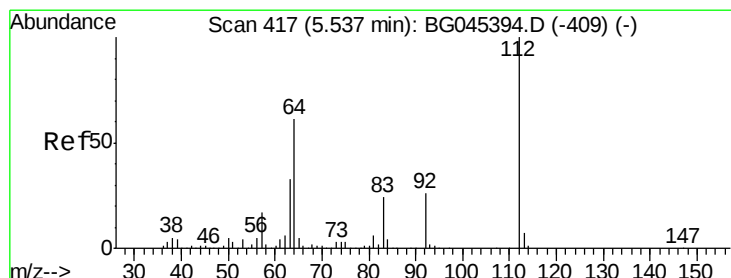
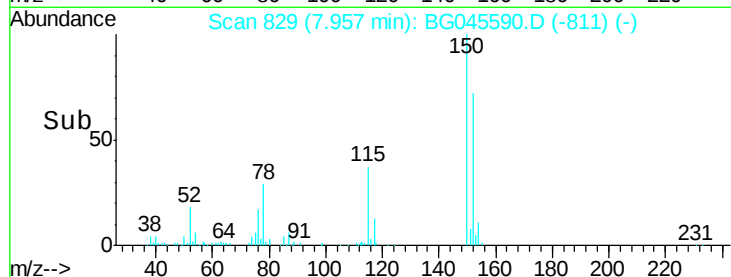
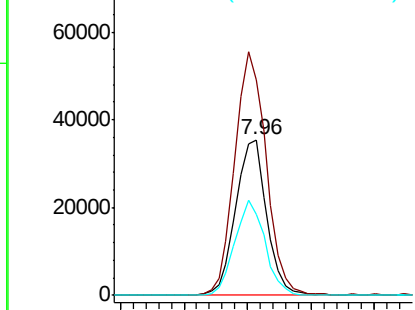
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045590.D
Acq: 3 Jun 2020 21:01

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.0	122.4	183.6
115	51.8	44.2	66.4



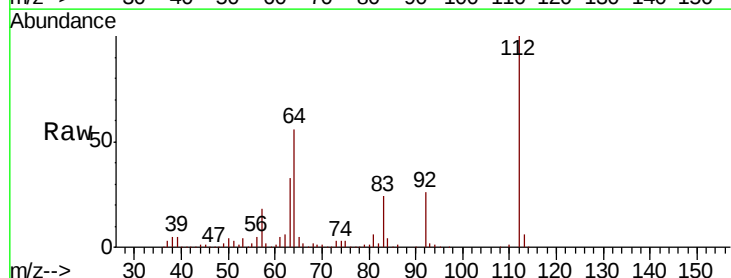
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



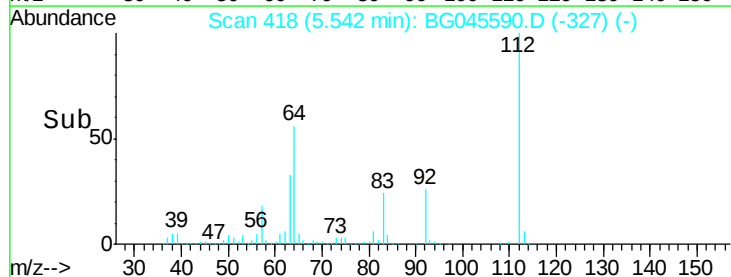
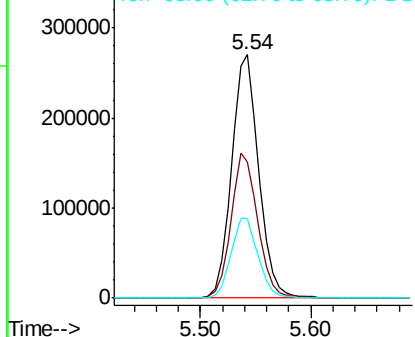
#5

2-Fluorophenol
Concen: 152.541 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045590.D
Acq: 3 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	48.6	72.8
63	32.5	26.5	39.7



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: 163.023 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045590.D

Acq: 3 Jun 2020 21:01

Instrument :

BNA_G

ClientSampled :

SP

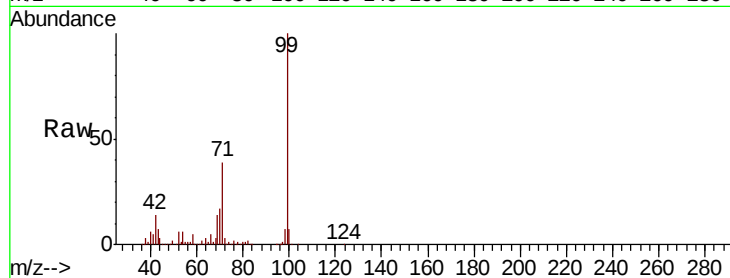
Tot Ion: 99 Resp: 708428

Ion Ratio Lower Upper

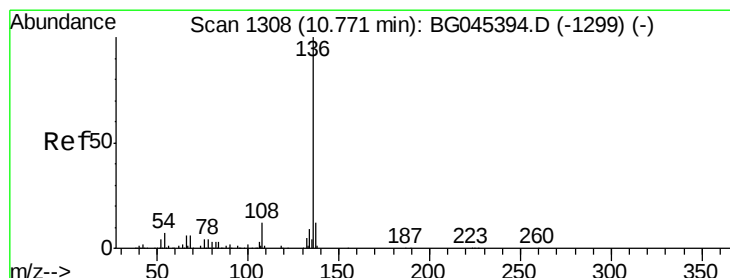
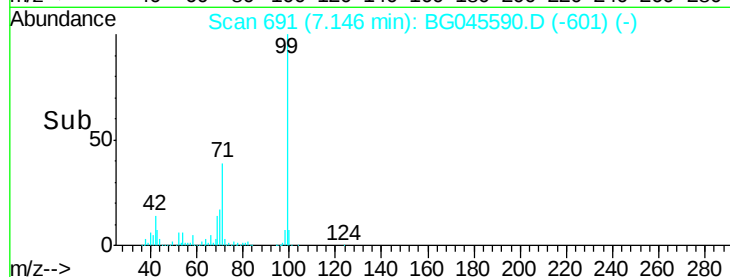
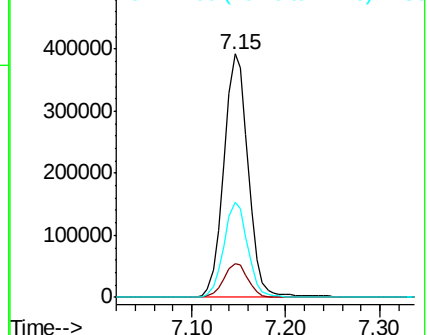
99 100

42 13.6 11.3 16.9

71 39.1 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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG045590.D

Acq: 3 Jun 2020 21:01

Tgt Ion: 136 Resp: 244600

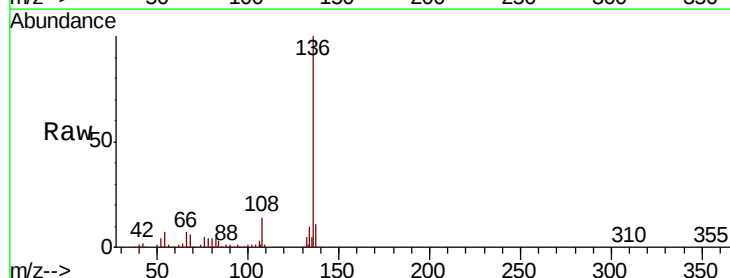
Ion Ratio Lower Upper

136 100

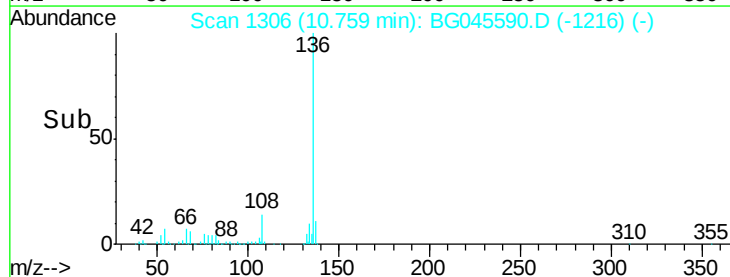
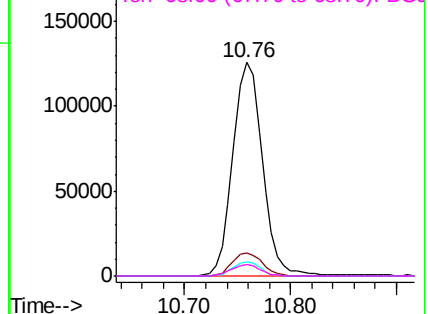
137 10.8 9.4 14.2

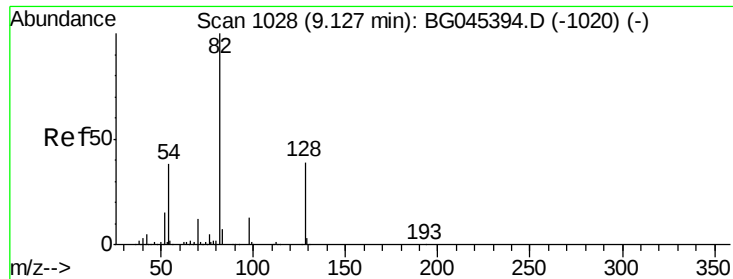
54 6.8 5.8 8.6

68 5.6 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

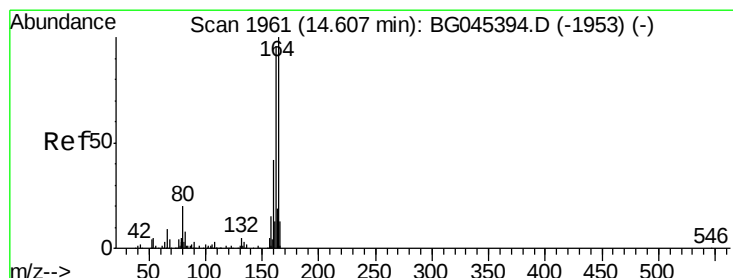
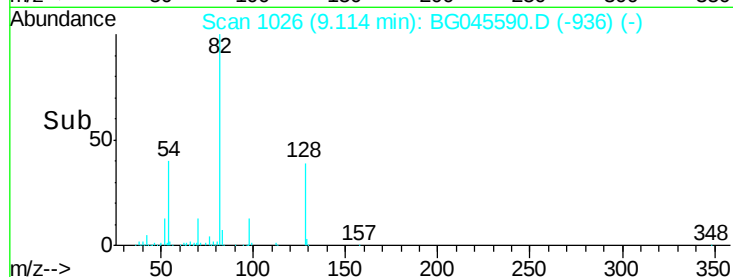
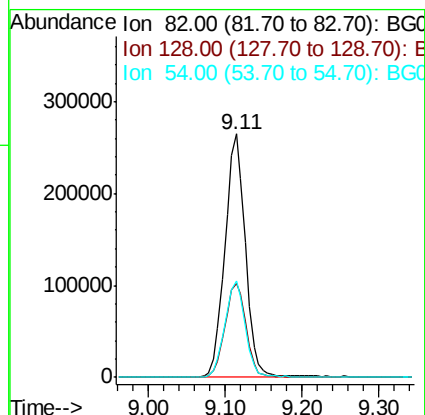
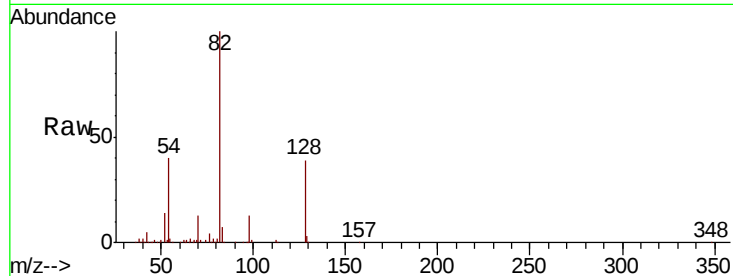




#23
 Nitrobenzene-d5
 Concen: 109.712 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045590.D
 Acq: 3 Jun 2020 21:01

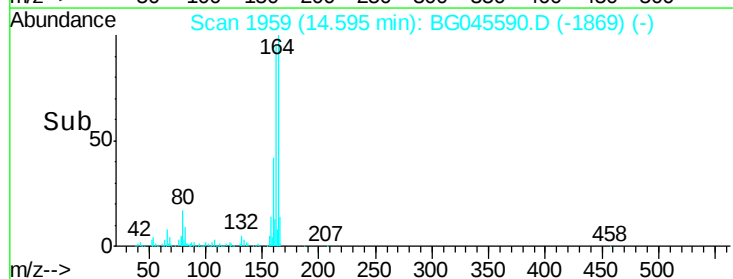
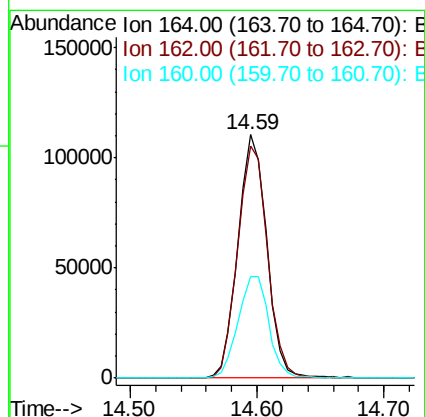
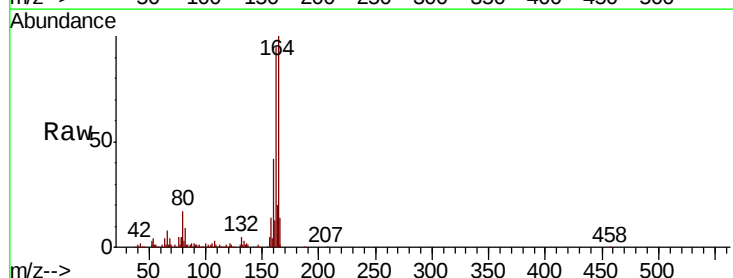
Instrument :
 BNA_G
 ClientSampleId :
 SP

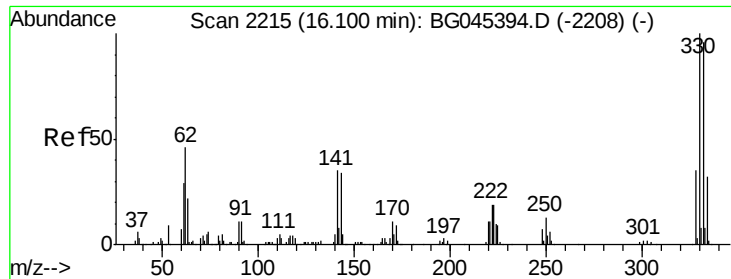
Tot Ion	82	Resp	492110
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.9	46.3
54	39.6	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045590.D
 Acq: 3 Jun 2020 21:01

Tgt Ion	164	Resp	173715
Ion Ratio	Lower	Upper	
164	100		
162	95.1	76.9	115.3
160	41.7	33.8	50.8

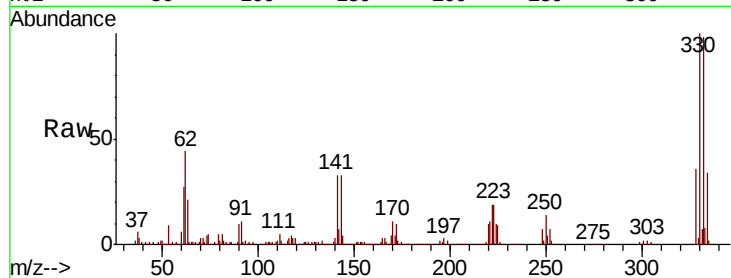




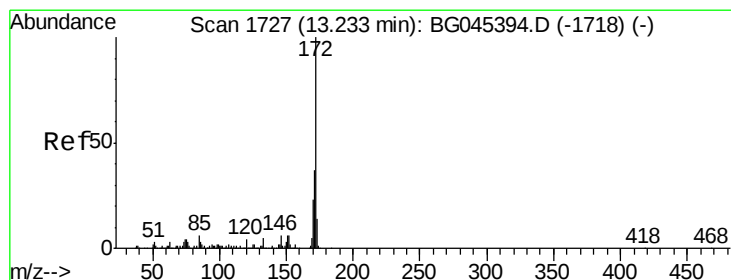
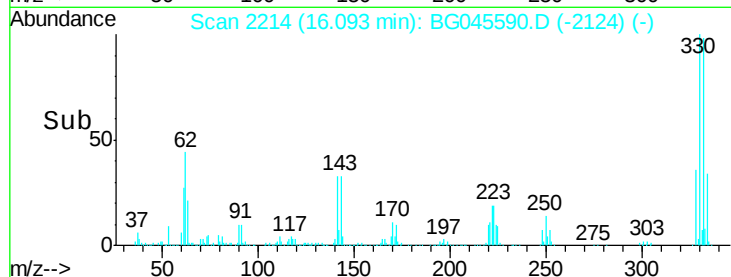
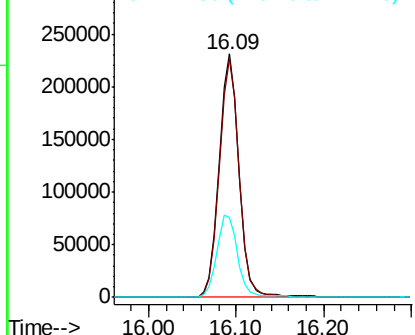
#42
 2,4,6-Tribromophenol
 Concen: 164.500 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045590.D
 Acq: 3 Jun 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion:330 Resp: 365456
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.4
 141 35.1 28.2 42.4

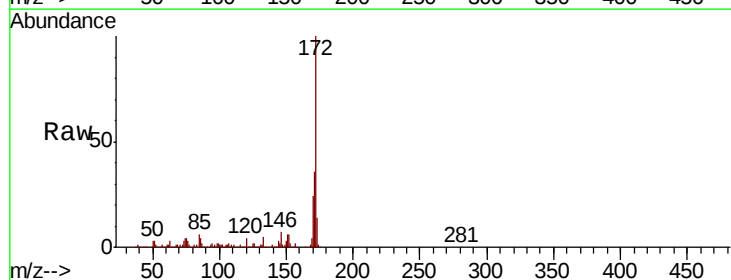


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

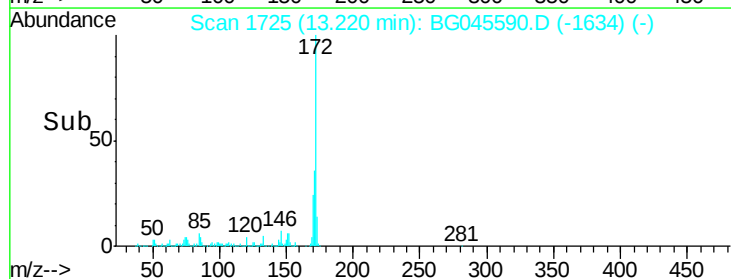
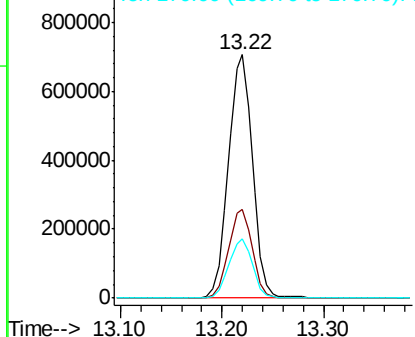


#45
 2-Fluorobiphenyl
 Concen: 113.620 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG045590.D
 Acq: 3 Jun 2020 21:01

Tgt Ion:172 Resp: 1163624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.3 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

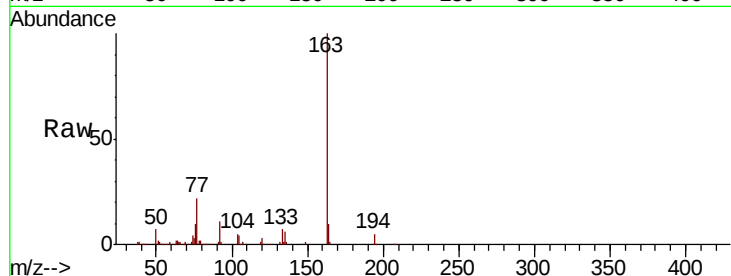




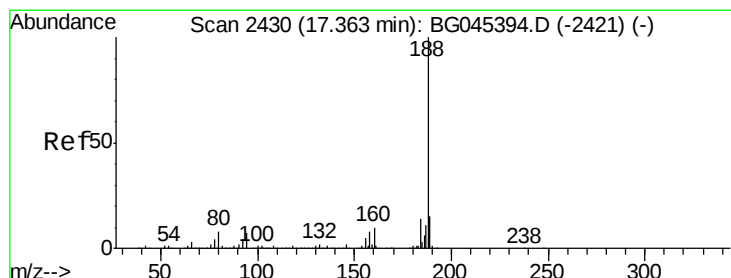
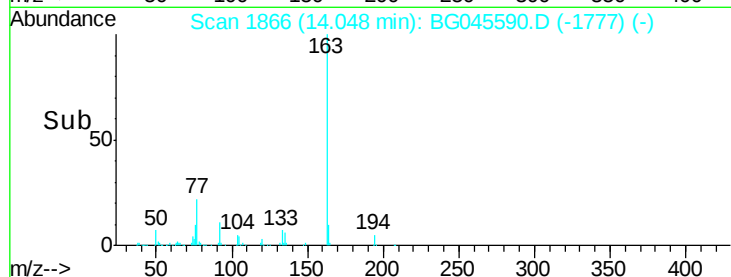
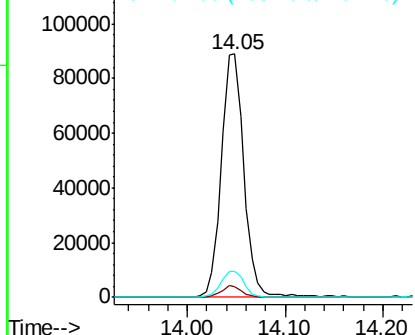
#50
Dimethylphthalate
Concen: 12.018 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045590.D
Acq: 3 Jun 2020 21:01

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.5	8.3	12.5

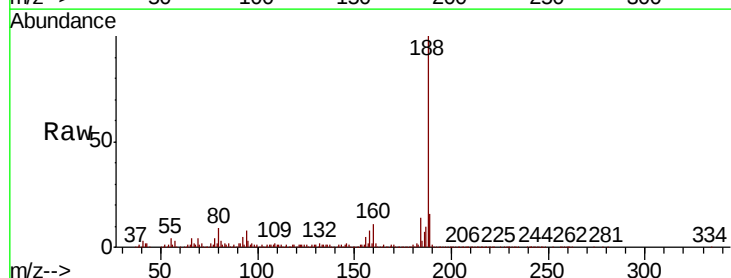


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

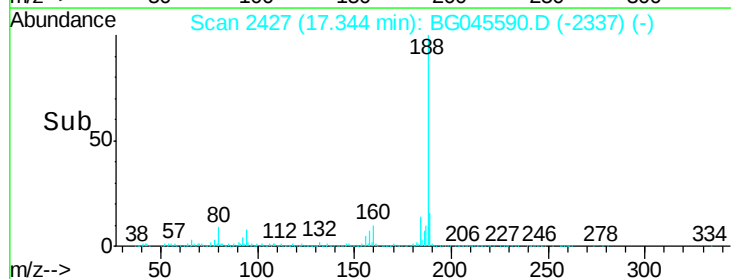
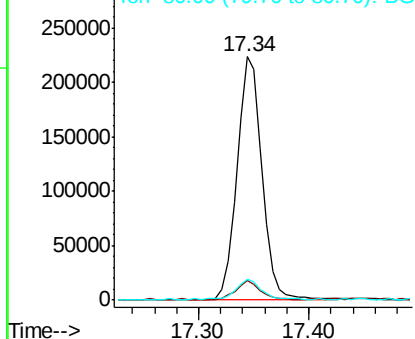


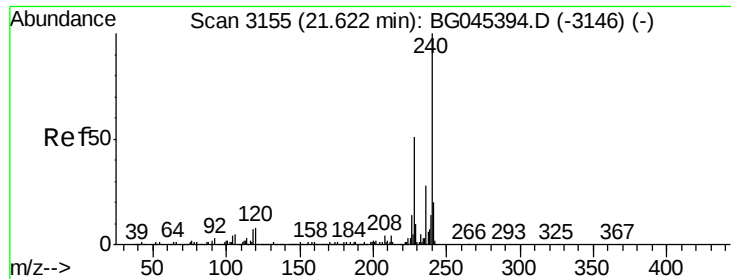
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045590.D
Acq: 3 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.5	8.3
80	8.8	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: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045590.D

Acq: 3 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

SP

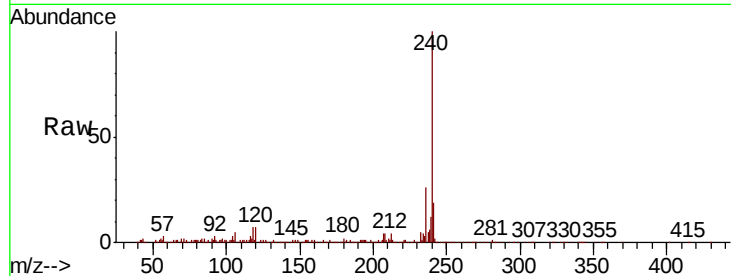
Tot Ion:240 Resp: 333547

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

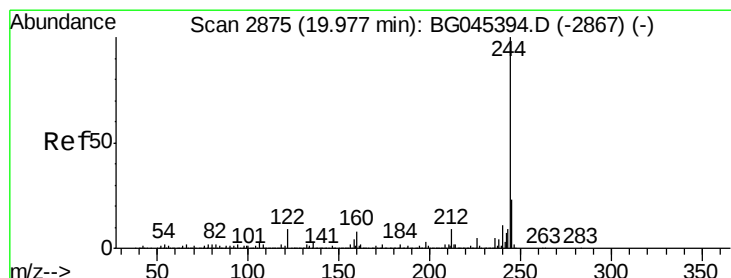
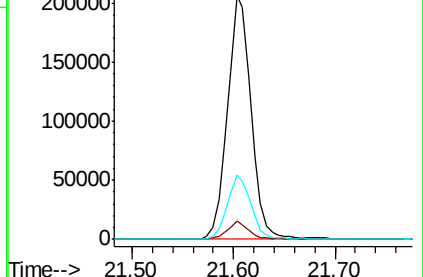
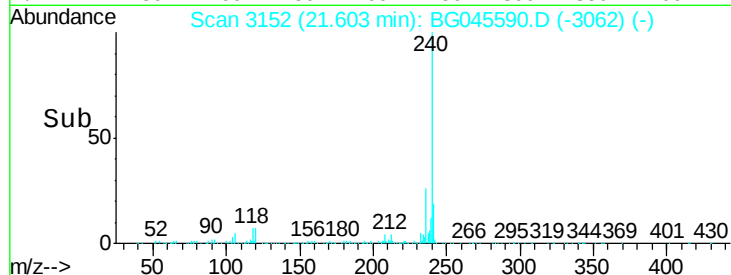
236 26.2 22.3 33.5



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: 112.932 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045590.D

Acq: 3 Jun 2020 21:01

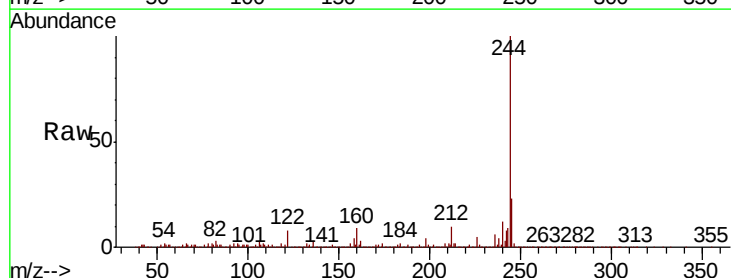
Tgt Ion:244 Resp: 1615060

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

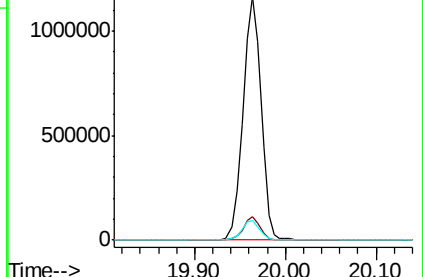
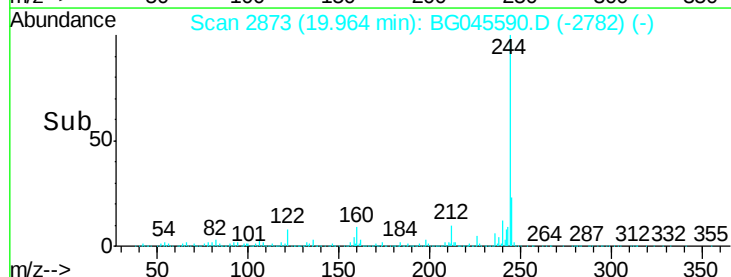
122 8.2 6.8 10.2

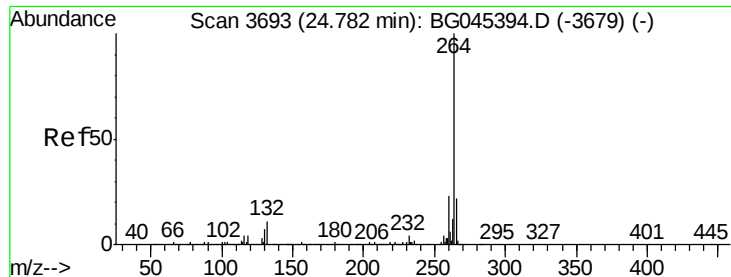


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3689
 Delta R.T. 0.01 min
 Lab File: BG045590.D
 Acq: 3 Jun 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.3	17.6	26.4

