

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045414.D
 Acq On : 18 May 2020 15:48
 Operator : CG/JU
 Sample : PB128957BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Quant Time: May 18 16:26:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	69807	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	303198	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	226035	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	530555	20.00	ng	0.00
76) Chrysene-d12	21.62	240	516117	20.00	ng	0.00
87) Perylene-d12	24.79	264	515048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	519892	145.55	ng	0.00
7) Phenol-d6	7.21	99	743434	146.23	ng	0.00
23) Nitrobenzene-d5	9.13	82	527746	94.92	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	391520	135.44	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1256815	94.31	ng	0.00
79) Terphenyl-d14	19.98	244	2191272	99.02	ng	0.00

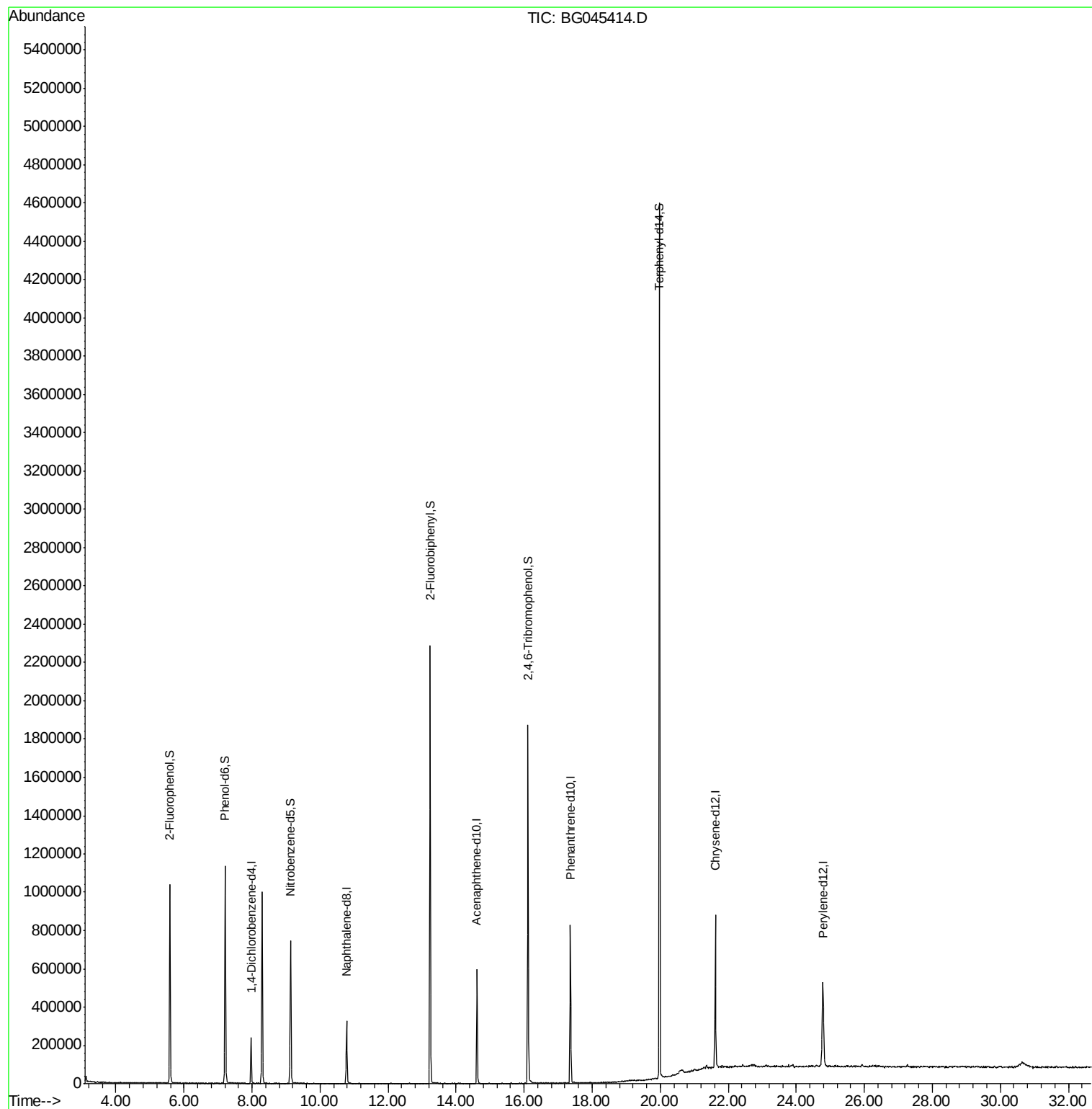
Target Compounds Qvalue

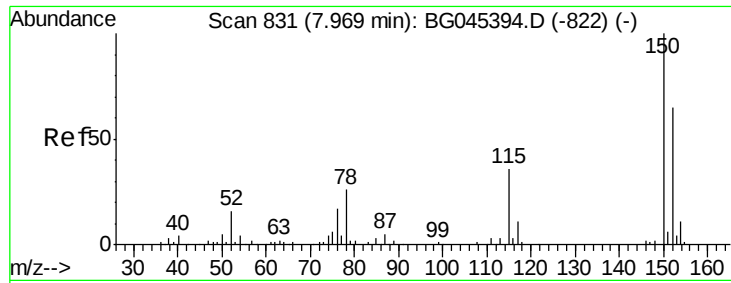
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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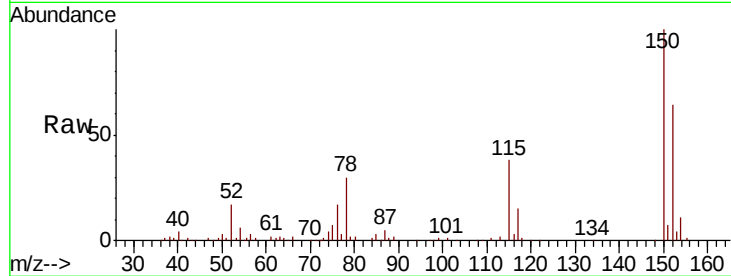


#1

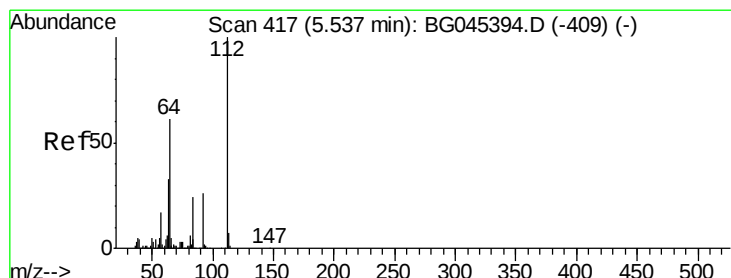
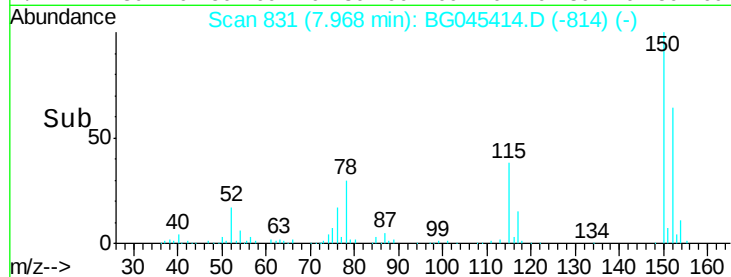
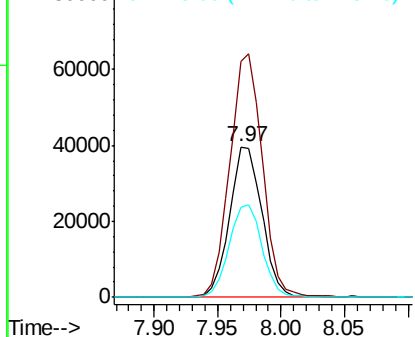
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:152 Resp: 69807
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 59.5 44.2 66.4



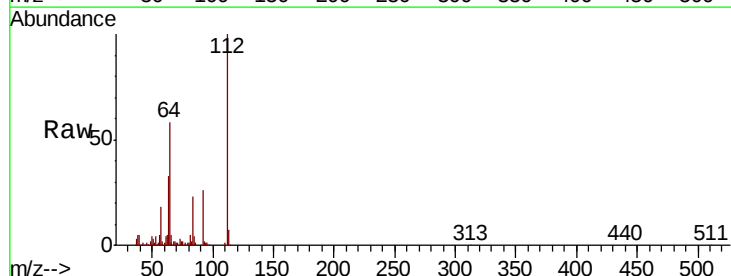
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



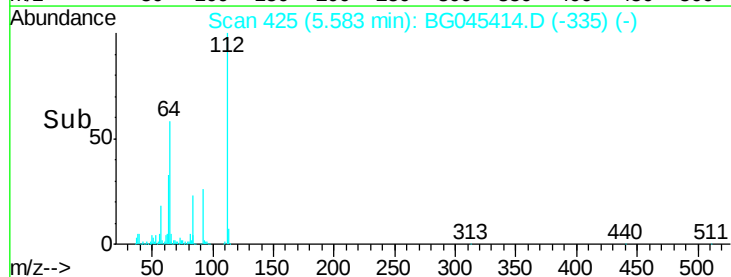
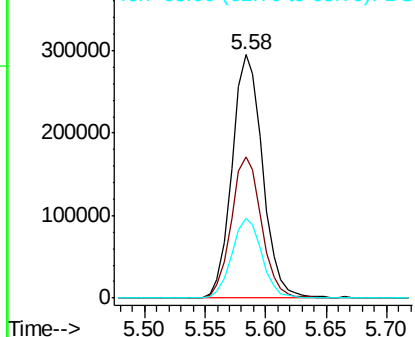
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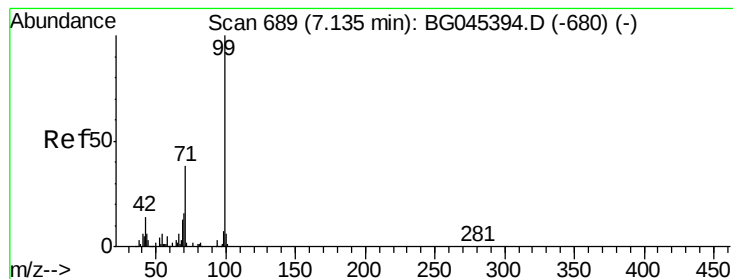
2-Fluorophenol
Concen: 145.547 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:112 Resp: 519892
Ion Ratio Lower Upper
112 100
64 58.2 48.6 72.8
63 32.8 26.5 39.7



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: 146.230 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampled :

PB128957BL

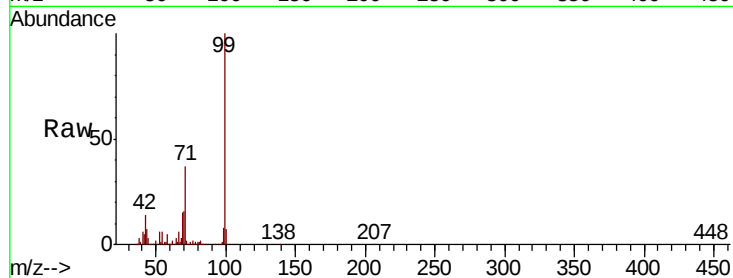
Tot Ion: 99 Resp: 743434

Ion Ratio Lower Upper

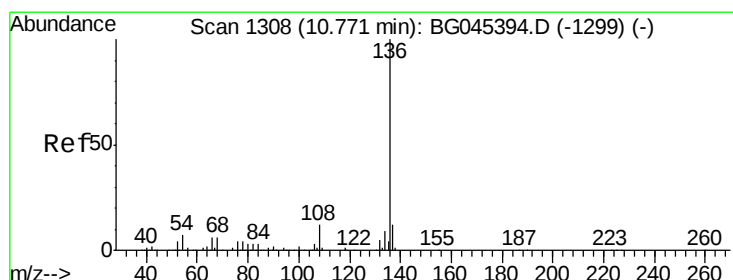
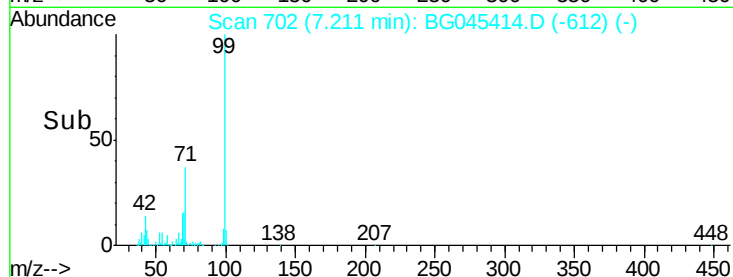
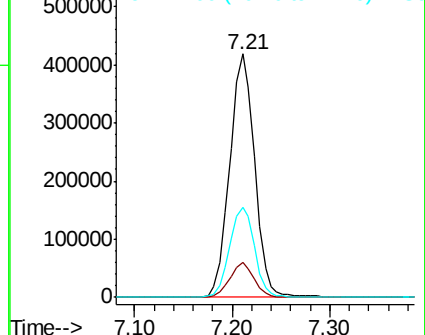
99 100

42 14.3 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: 10.78 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Tgt Ion: 136 Resp: 303198

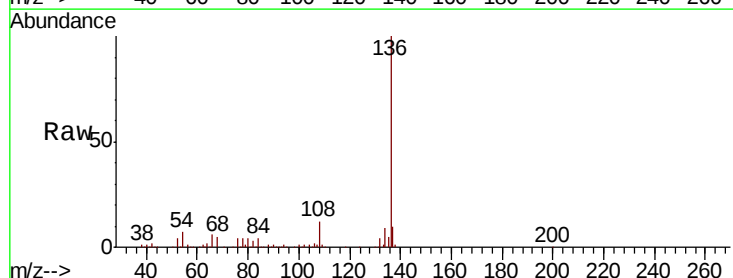
Ion Ratio Lower Upper

136 100

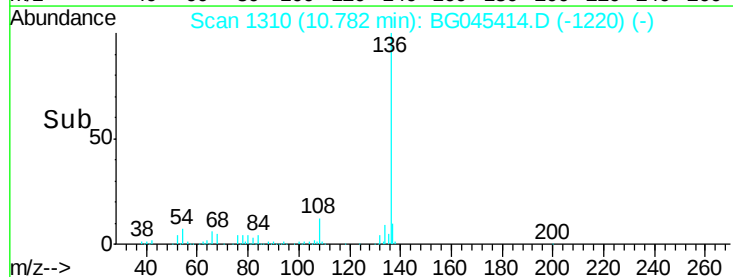
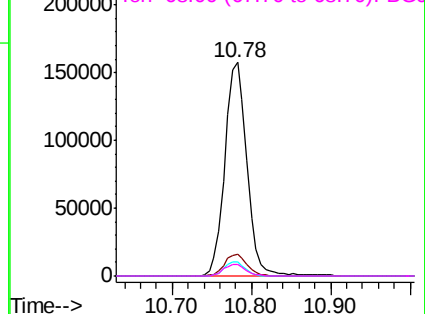
137 10.3 9.4 14.2

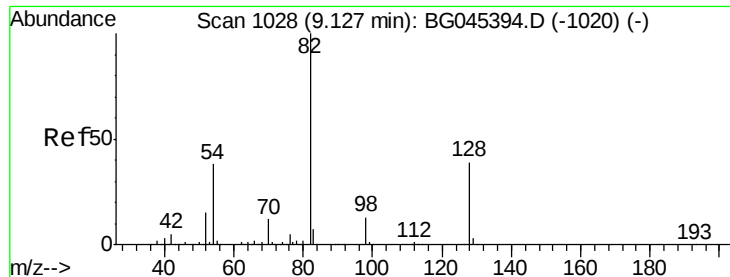
54 6.8 5.8 8.6

68 5.2 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

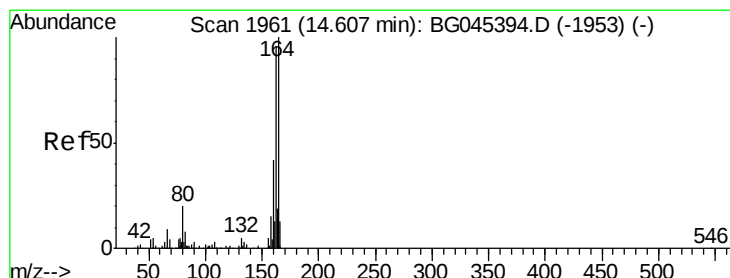
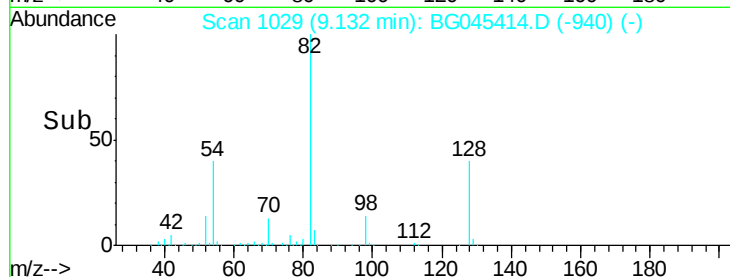
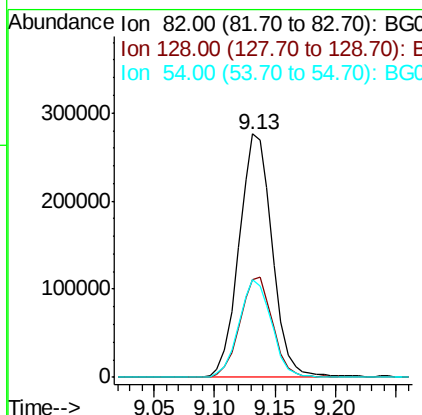
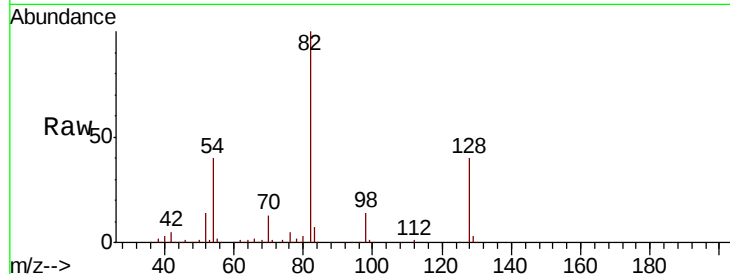




#23
 Nitrobenzene-d5
 Concen: 94.918 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

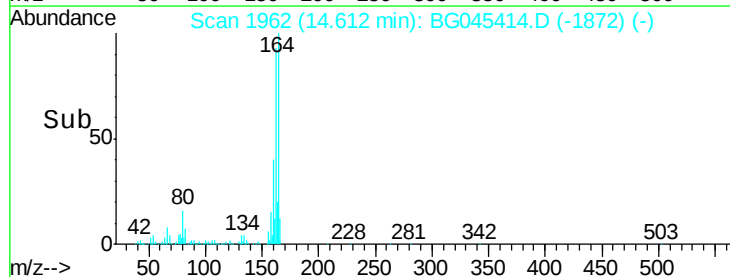
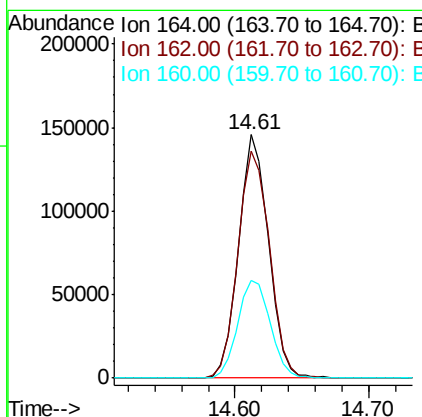
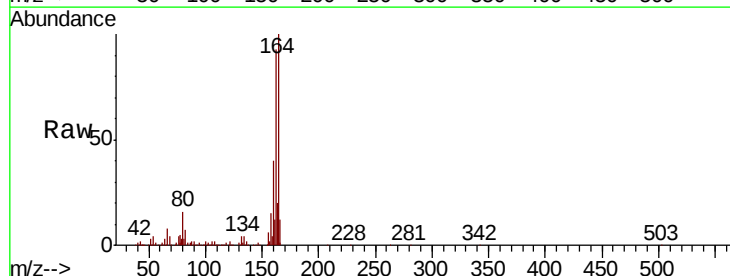
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

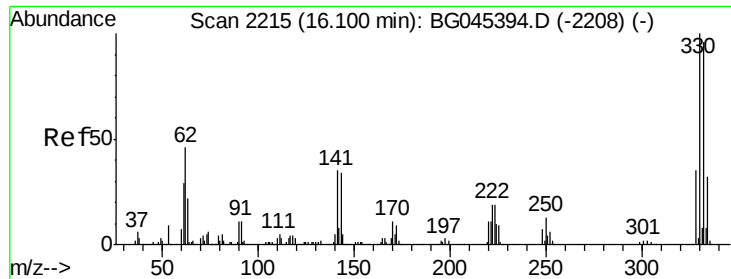
Tot Ion	82	Resp	527746
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	40.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion	164	Resp	226035
Ion Ratio	Lower	Upper	
164	100		
162	93.0	76.9	115.3
160	40.1	33.8	50.8

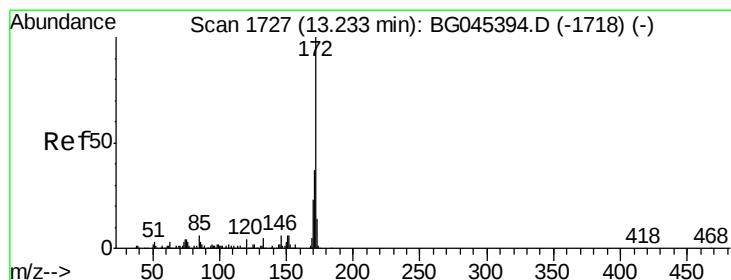
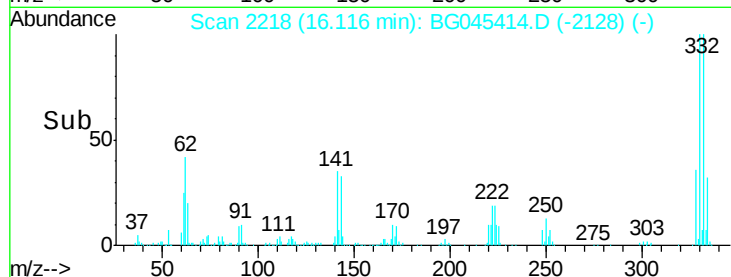
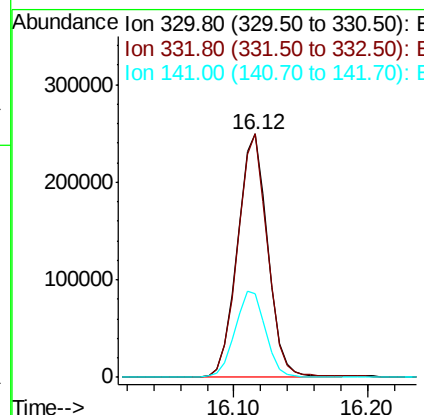
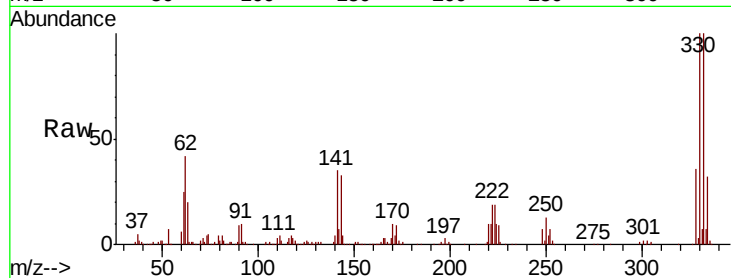




#42
 2,4,6-Tribromophenol
 Concen: 135.440 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

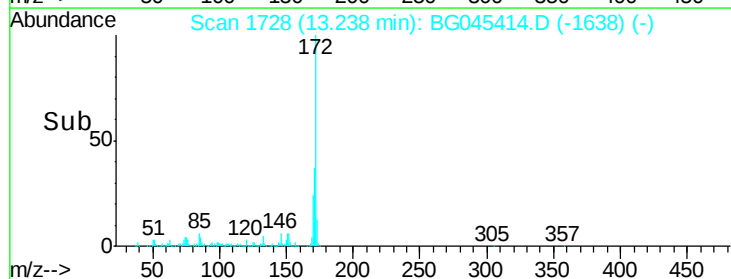
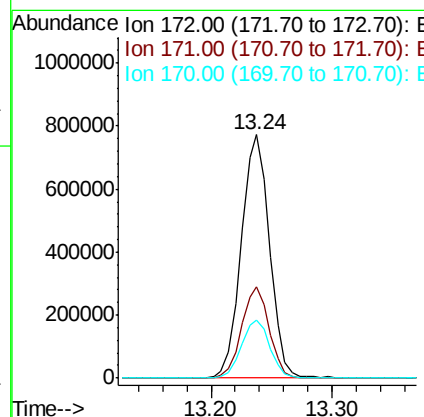
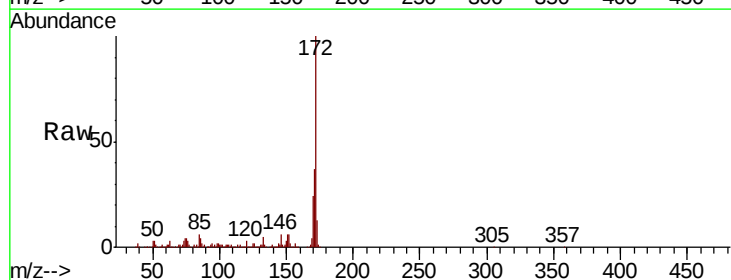
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

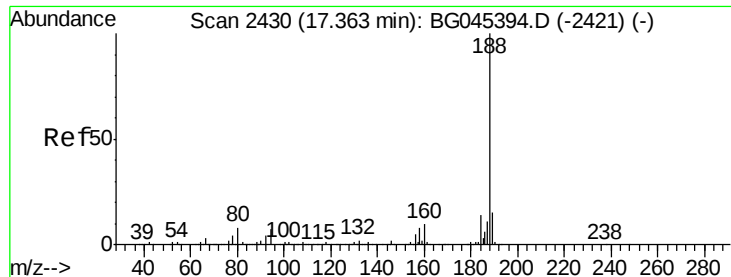
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.2	117.4
141	36.3	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 94.314 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	23.7	18.5	27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

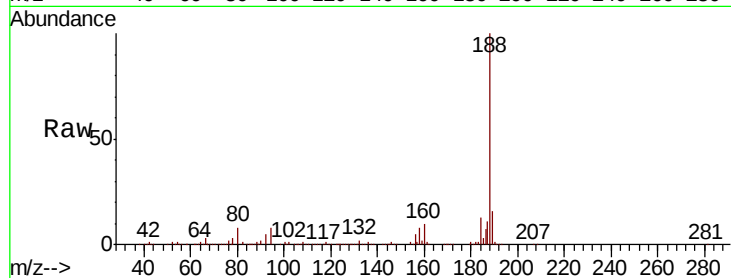
Tot Ion:188 Resp: 530555

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

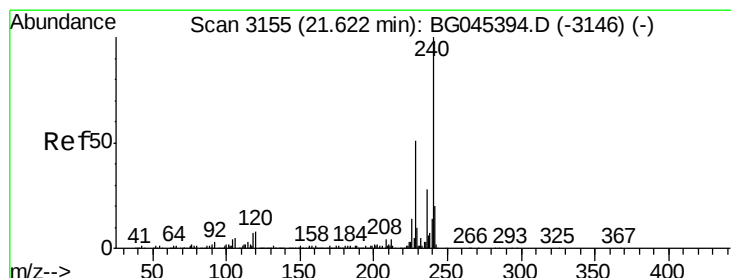
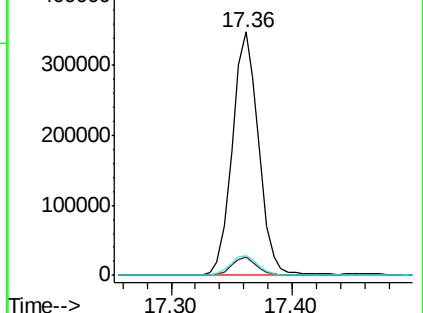
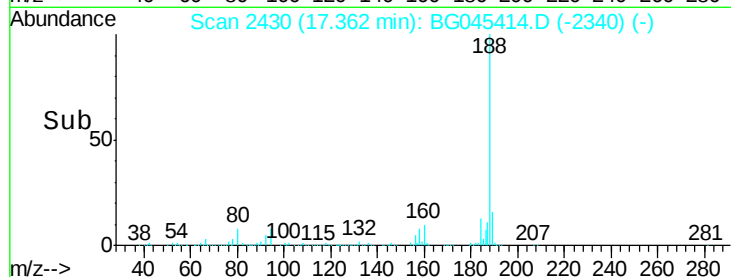
80 7.9 6.6 10.0



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

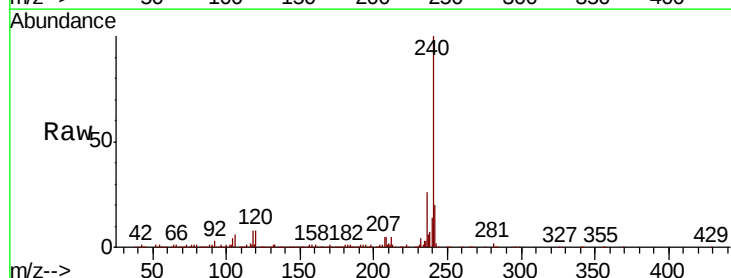
Tgt Ion:240 Resp: 516117

Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

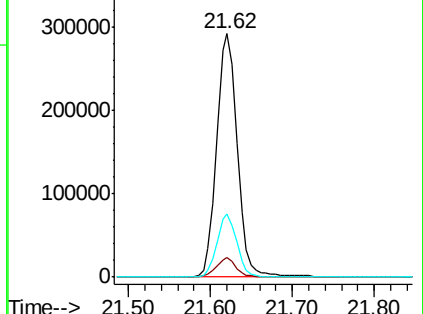
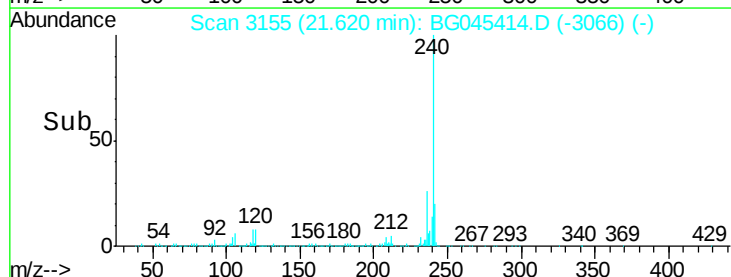
236 26.1 22.3 33.5

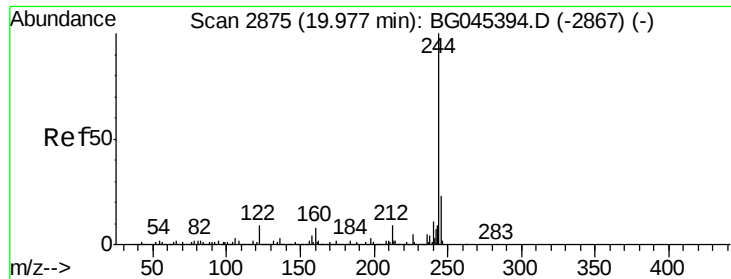


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.022 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

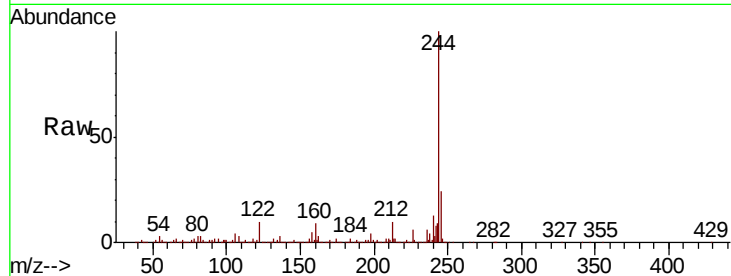
Tot Ion:244 Resp: 2191272

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.0

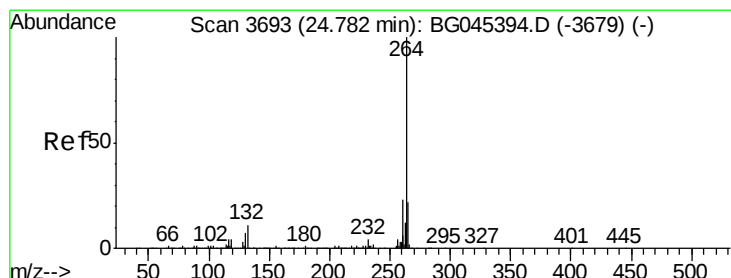
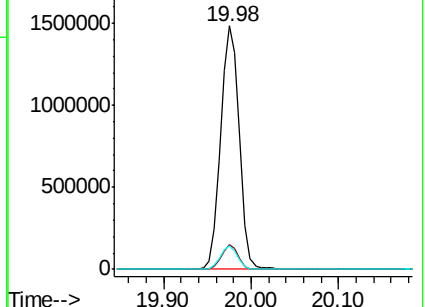
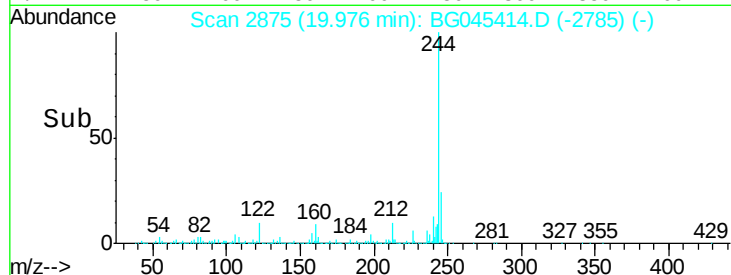
122 9.8 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.79 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

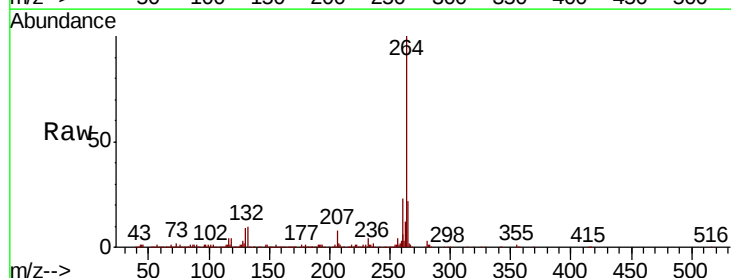
Tgt Ion:264 Resp: 515048

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 17.6 26.4



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

