

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045512.D
 Acq On : 29 May 2020 4:26
 Operator : CG/JU
 Sample : PB129114TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114TB

Quant Time: May 29 06:44:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	86147	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	347185	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	247476	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	547056	20.00	ng	0.00
76) Chrysene-d12	21.60	240	523709	20.00	ng	0.00
87) Perylene-d12	24.75	264	540445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	625387	141.87	ng	0.00
7) Phenol-d6	7.17	99	936228	149.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	671702	105.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	486792	153.81	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1533139	105.08	ng	0.00
79) Terphenyl-d14	19.97	244	2309208	102.84	ng	0.00

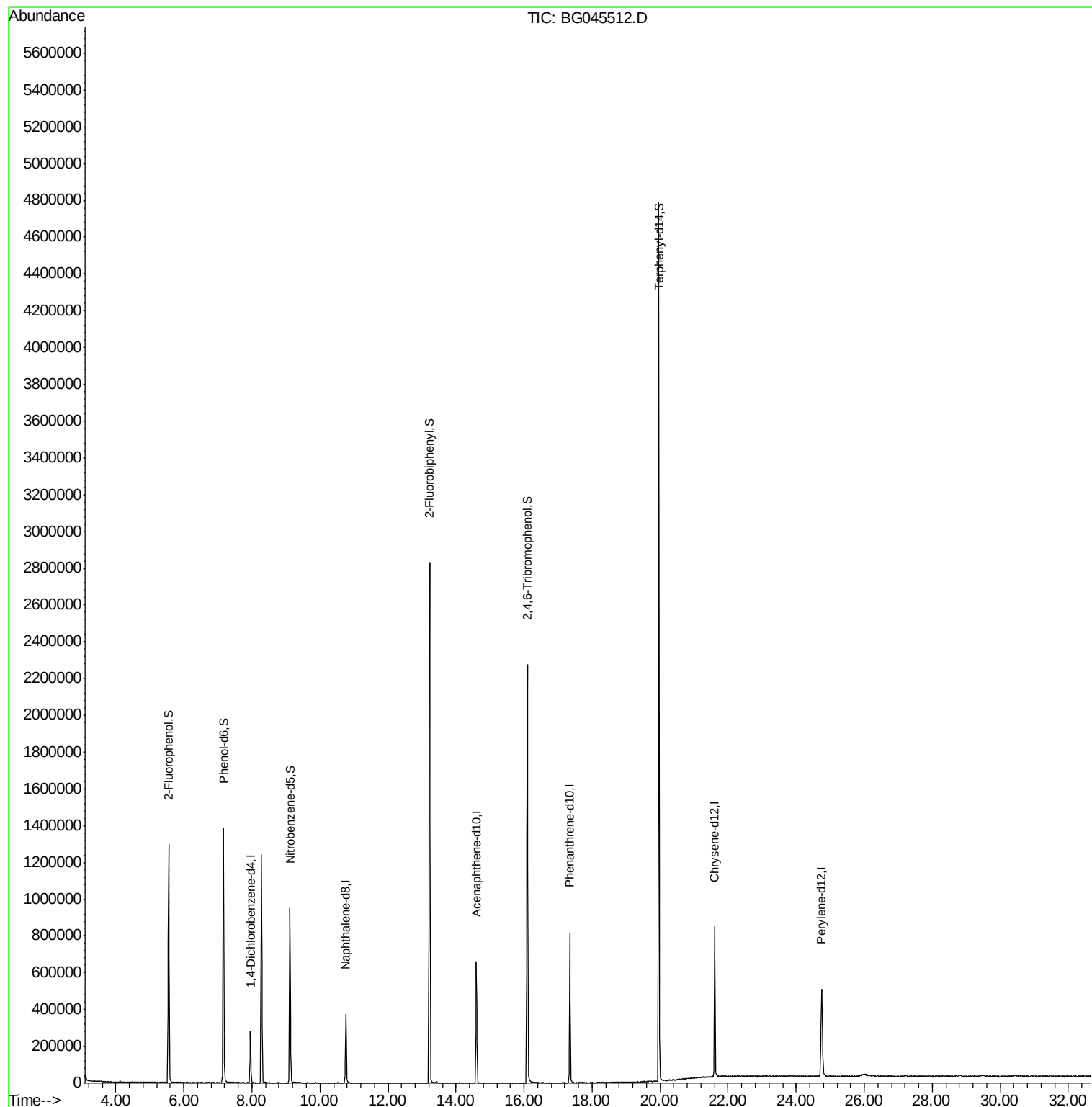
Target Compounds Qvalue

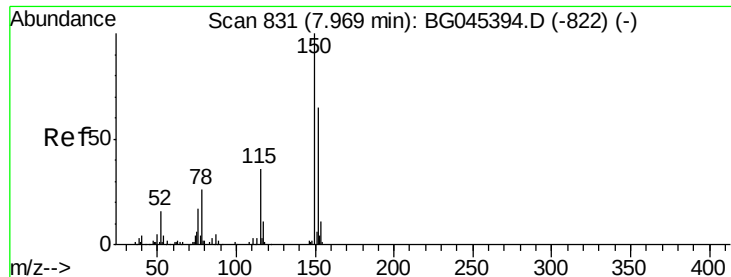
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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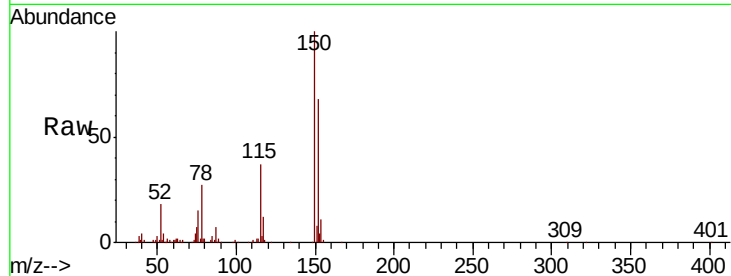


#1

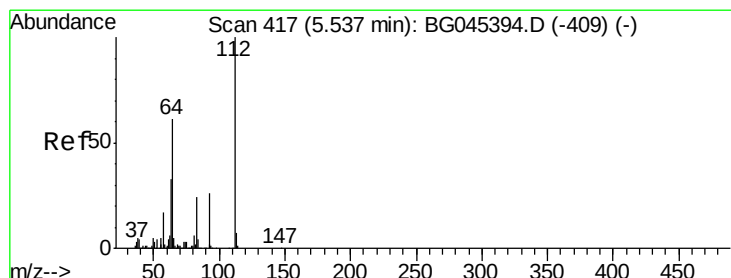
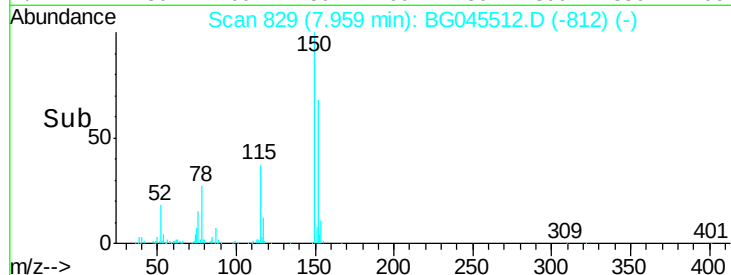
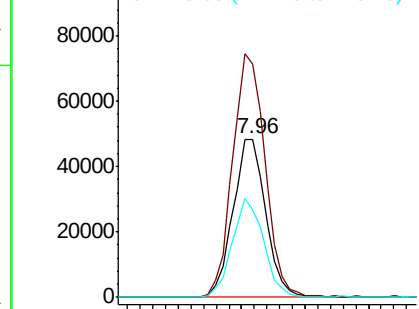
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045512.D
Acq: 29 May 2020 4:26

Instrument :
BNA_G
ClientSampleId :
PB129114TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	122.4	183.6
115	55.3	44.2	66.4



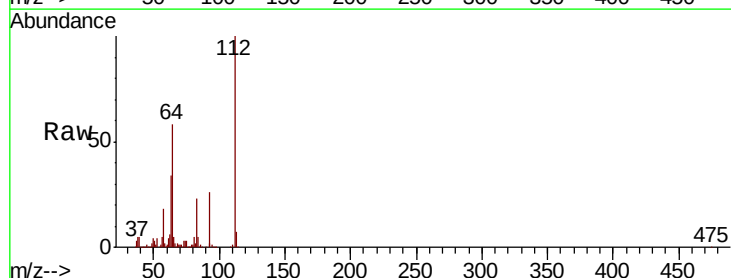
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



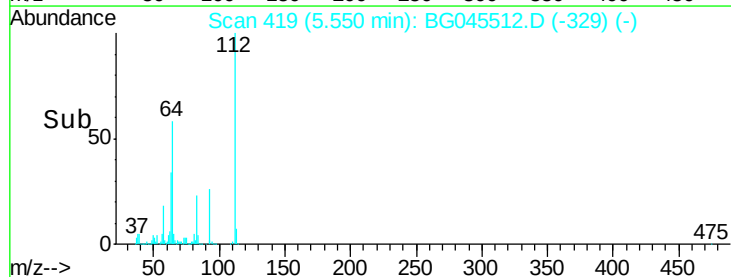
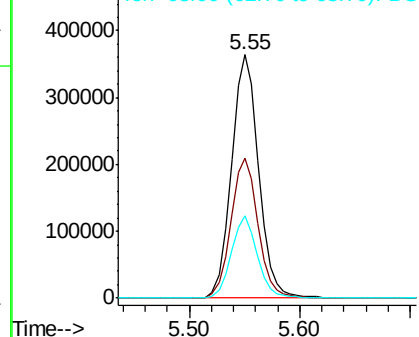
#5

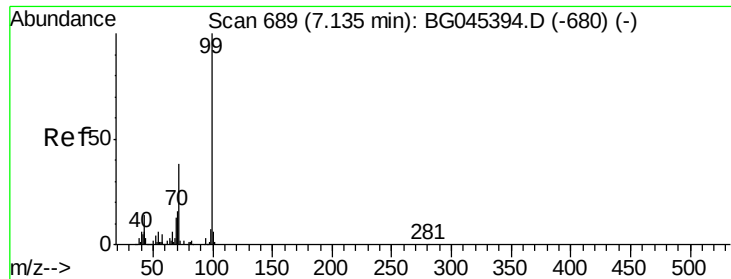
2-Fluorophenol
Concen: 141.873 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045512.D
Acq: 29 May 2020 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.6	72.8
63	33.9	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 149.223 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045512.D

Acq: 29 May 2020 4:26

Instrument :

BNA_G

ClientSampleId :

PB129114TB

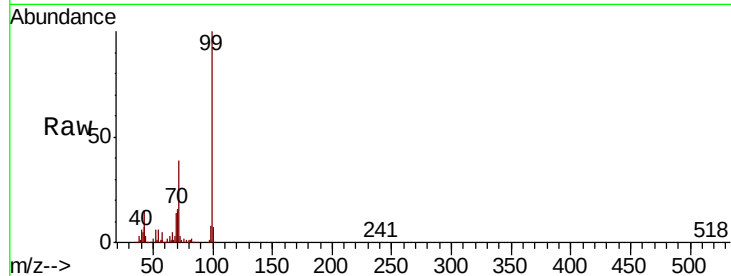
Tot Ion: 99 Resp: 936228

Ion Ratio Lower Upper

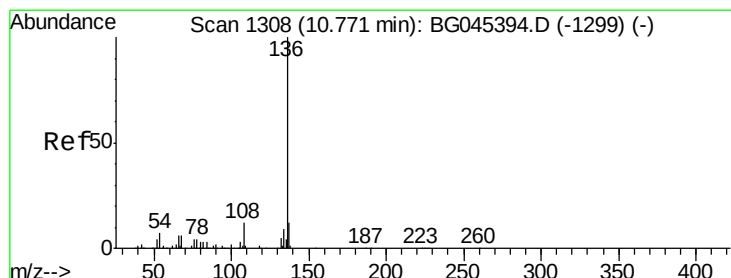
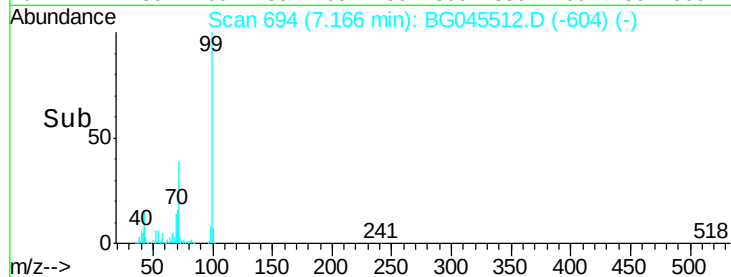
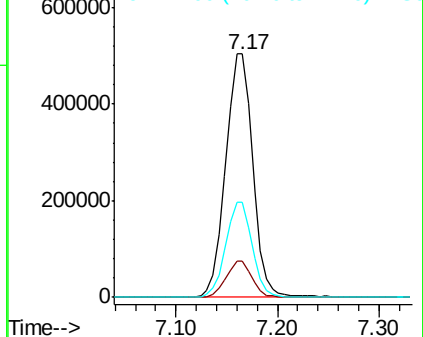
99 100

42 14.7 11.3 16.9

71 39.0 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: BG045512.D

Acq: 29 May 2020 4:26

Tgt Ion: 136 Resp: 347185

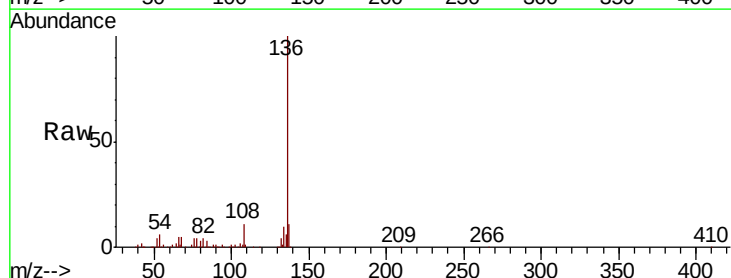
Ion Ratio Lower Upper

136 100

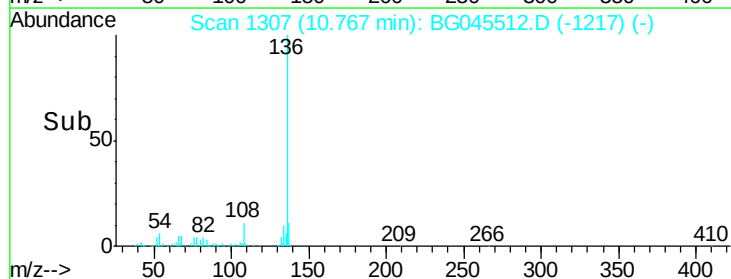
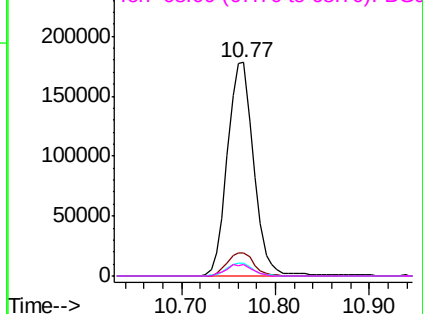
137 10.5 9.4 14.2

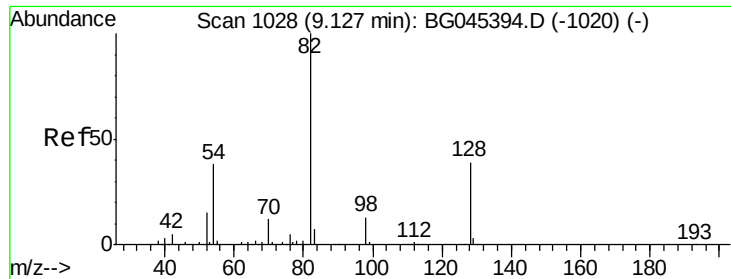
54 5.7 5.8 8.6#

68 5.3 4.5 6.7



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

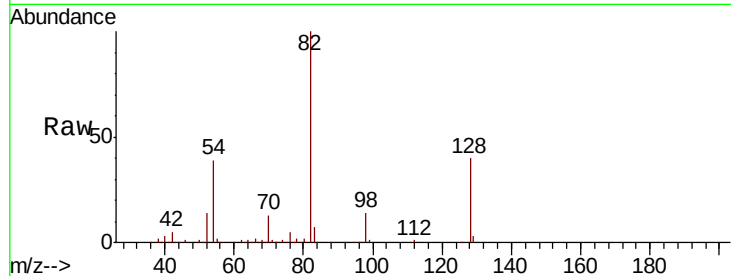




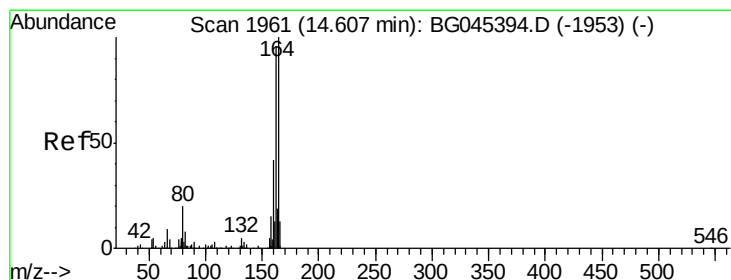
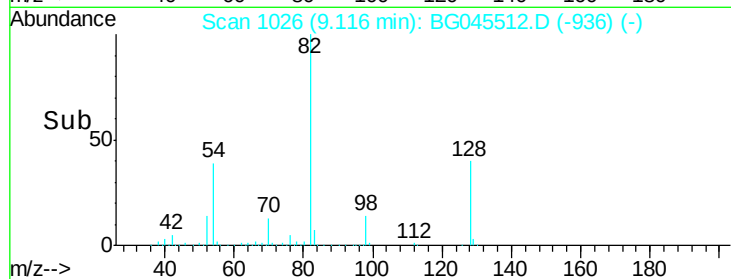
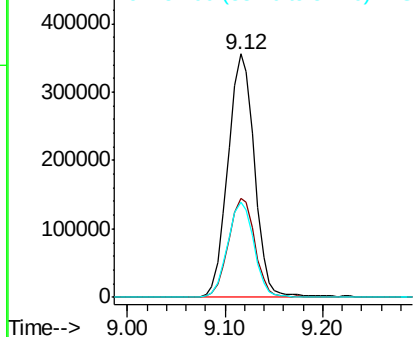
#23
Nitrobenzene-d5
Concen: 105.503 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045512.D
Acq: 29 May 2020 4:26

Instrument :
BNA_G
ClientSampleId :
PB129114TB

Tot Ion	82	Resp	671702
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.9	46.3
54	39.2	30.3	45.5

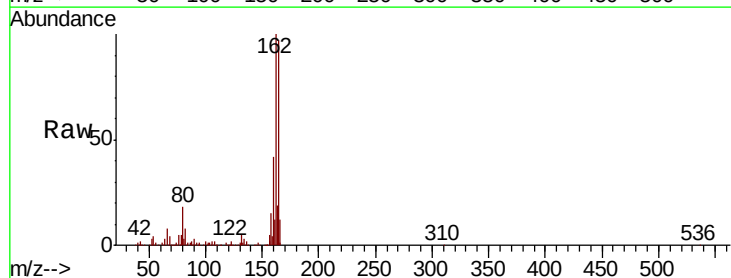


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

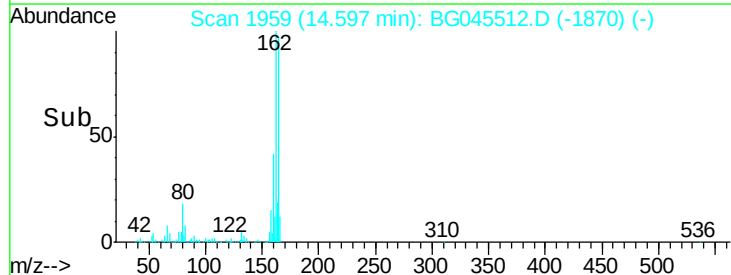
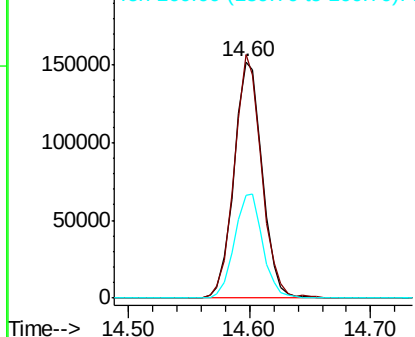


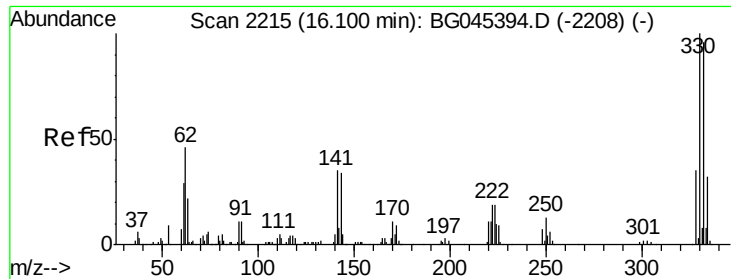
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045512.D
Acq: 29 May 2020 4:26

Tgt Ion	164	Resp	247476
Ion Ratio	Lower	Upper	
164	100		
162	103.2	76.9	115.3
160	43.8	33.8	50.8



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

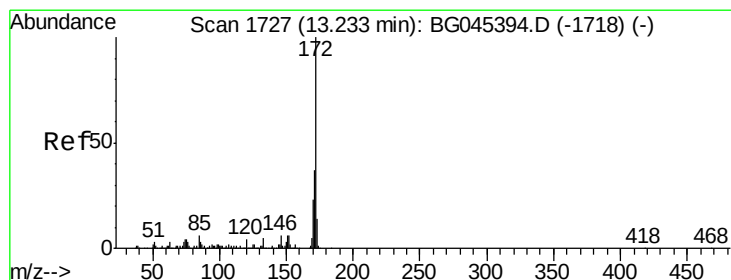
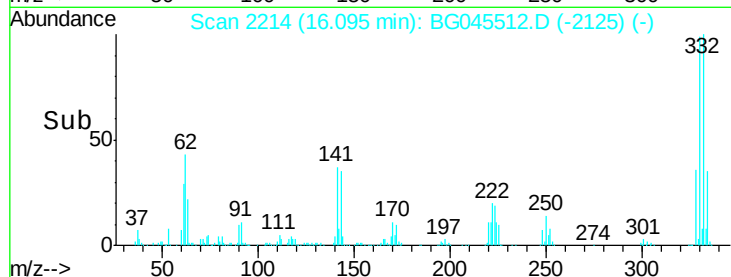
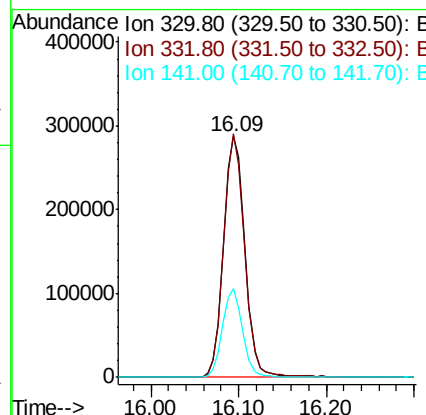
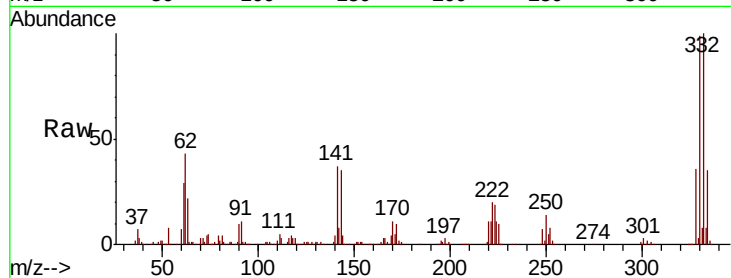




#42
 2,4,6-Tribromophenol
 Concen: 153.808 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BG045512.D
 Acq: 29 May 2020 4:26

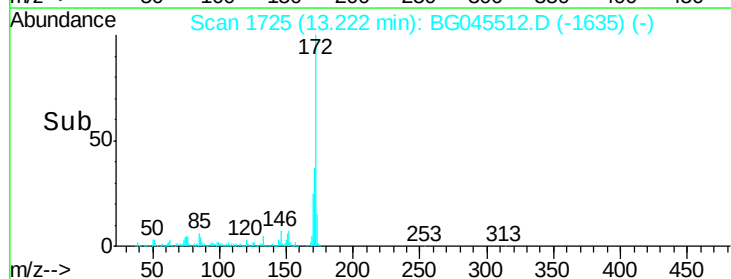
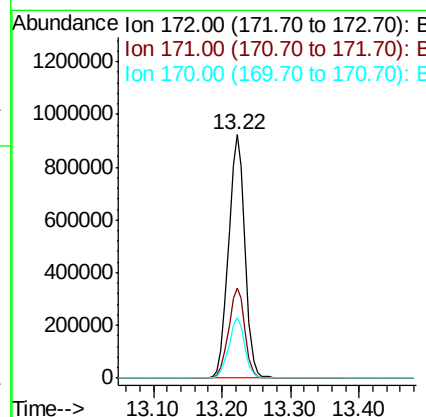
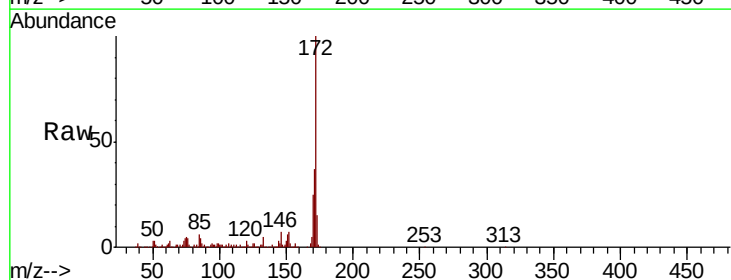
Instrument :
 BNA_G
 ClientSampleId :
 PB129114TB

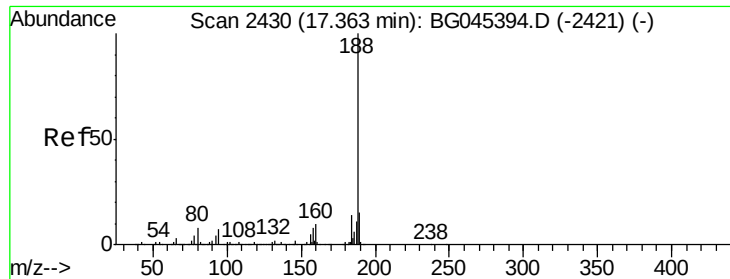
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.4
141	34.8	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 105.082 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG045512.D
 Acq: 29 May 2020 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	25.1	18.5	27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG045512.D

Acq: 29 May 2020 4:26

Instrument :

BNA_G

ClientSampleId :

PB129114TB

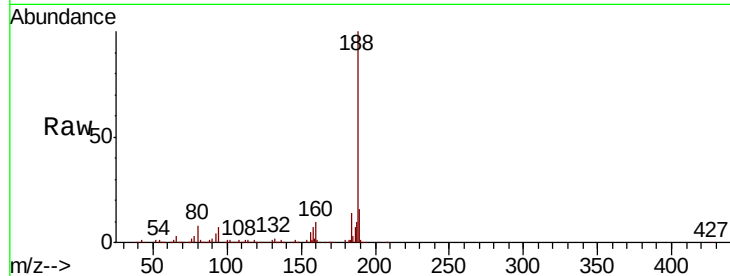
Tot Ion:188 Resp: 547056

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

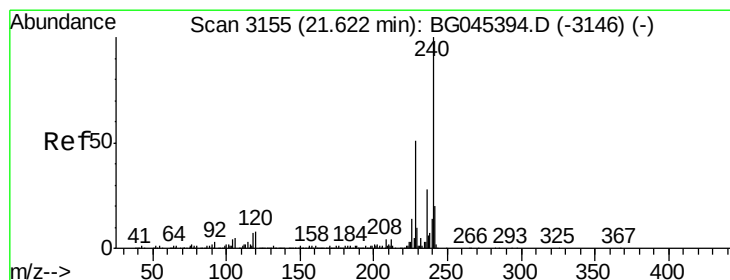
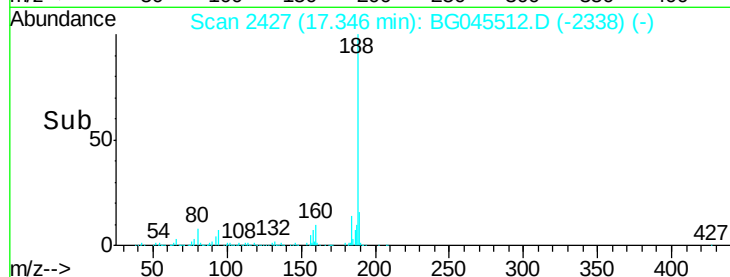
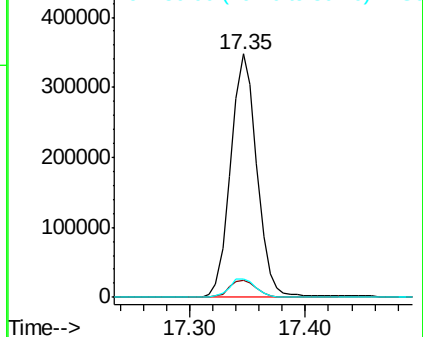
80 7.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045512.D

Acq: 29 May 2020 4:26

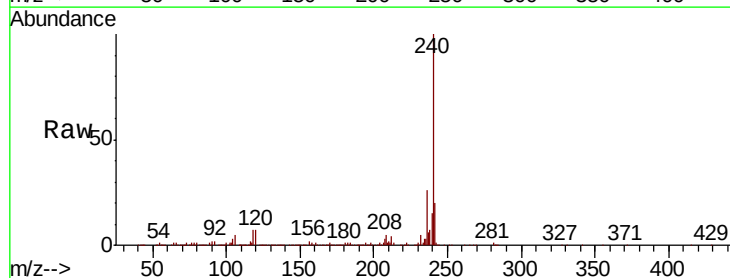
Tgt Ion:240 Resp: 523709

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

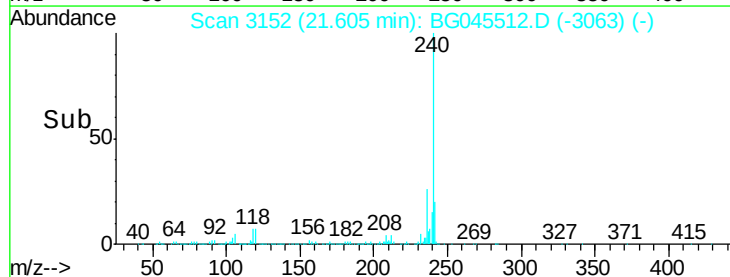
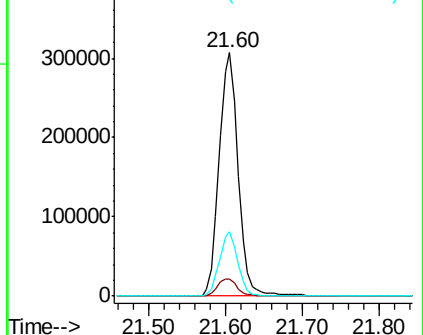
236 26.2 22.3 33.5

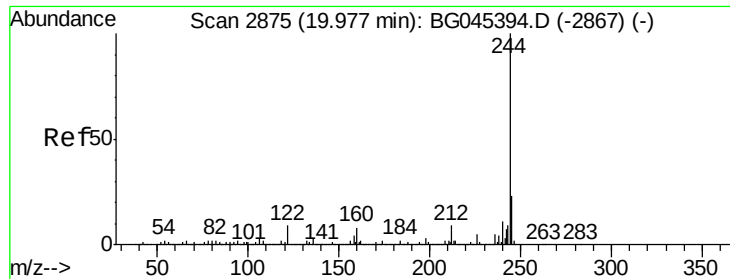


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.839 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045512.D

Acq: 29 May 2020 4:26

Instrument :

BNA_G

ClientSampleId :

PB129114TB

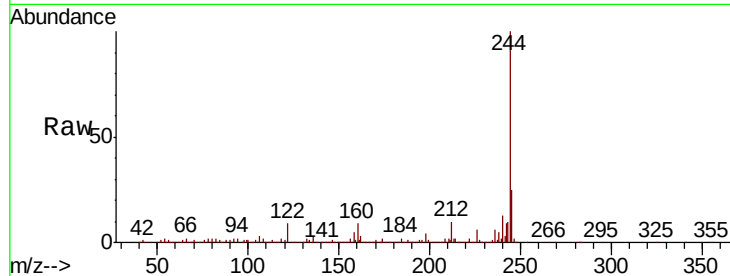
Tot Ion:244 Resp: 2309208

Ion Ratio Lower Upper

244 100

212 10.3 7.4 11.0

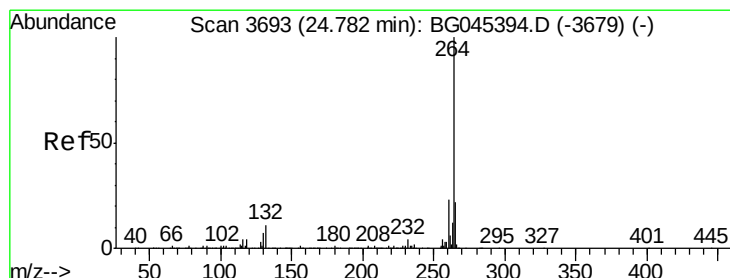
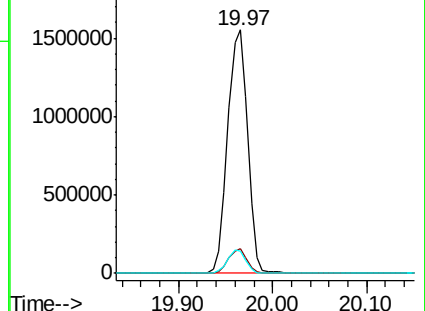
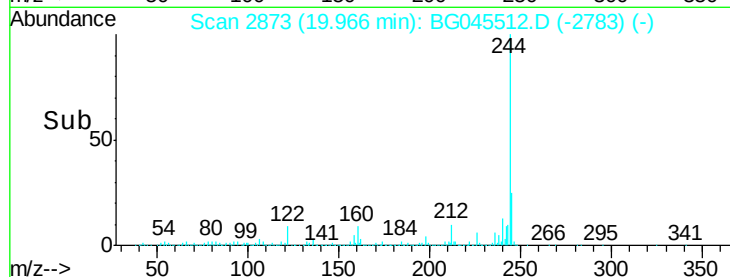
122 9.2 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045512.D

Acq: 29 May 2020 4:26

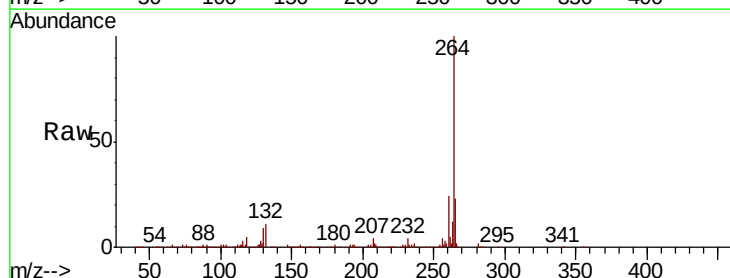
Tgt Ion:264 Resp: 540445

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 22.7 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

