

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045493.D
 Acq On : 28 May 2020 12:12
 Operator : CG/JU
 Sample : PB129122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BL

Quant Time: May 28 13:20:52 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	73959	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	302080	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	235892	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	574770	20.00	ng	0.00
76) Chrysene-d12	21.61	240	535512	20.00	ng	0.00
87) Perylene-d12	24.76	264	565160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	469179	123.98	ng	0.00
7) Phenol-d6	7.17	99	678277	125.92	ng	0.00
23) Nitrobenzene-d5	9.12	82	500692	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	397273	131.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1210652	87.05	ng	0.00
79) Terphenyl-d14	19.96	244	2095580	91.27	ng	0.00

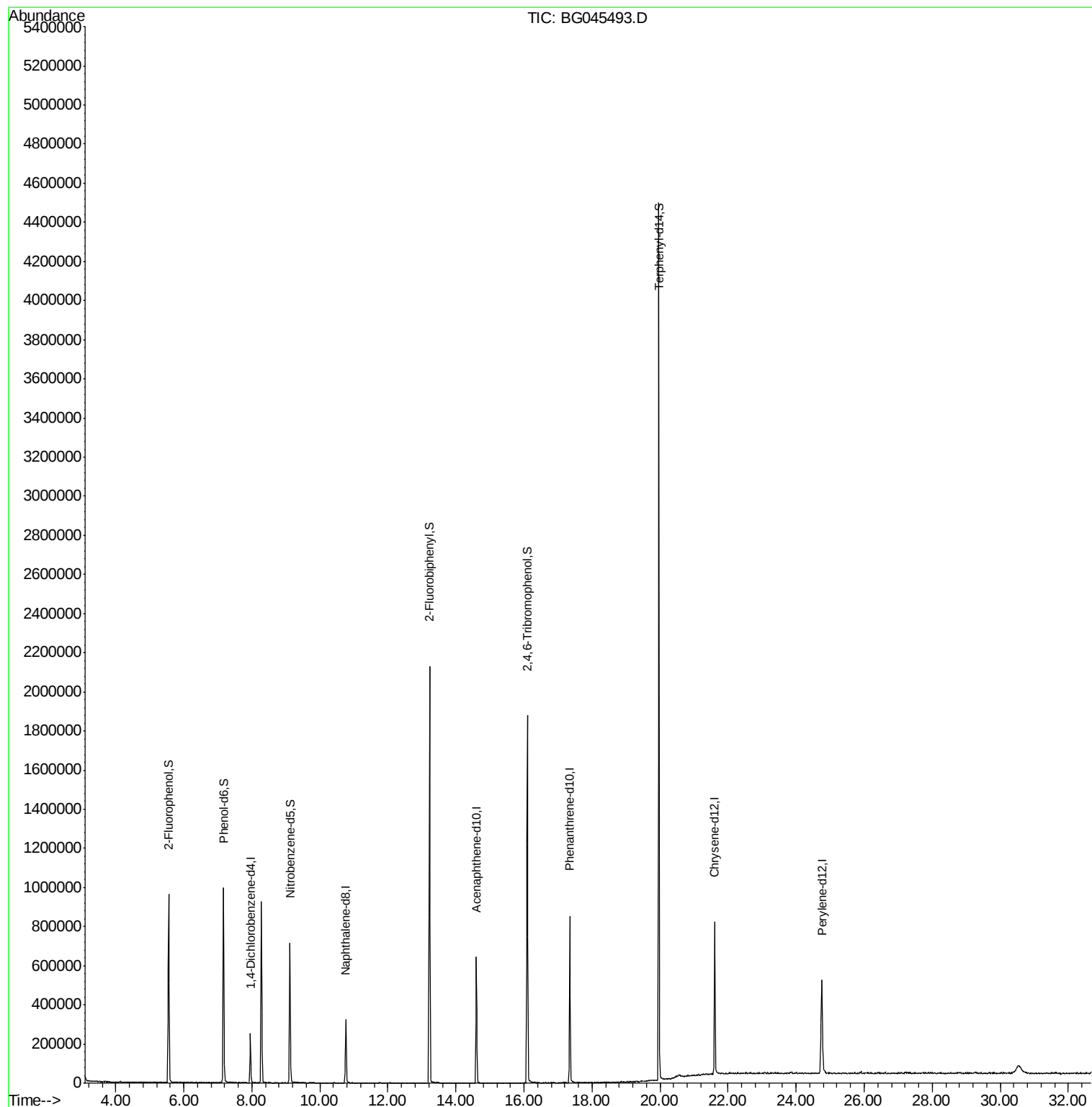
Target Compounds Qvalue

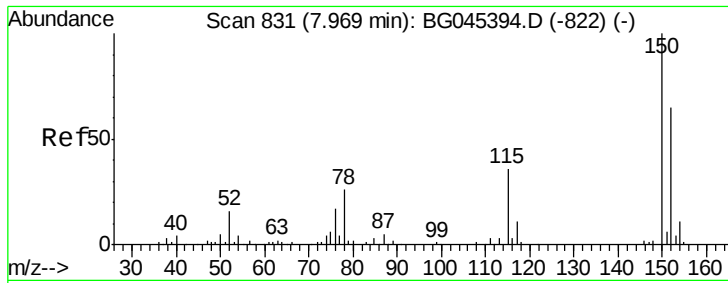
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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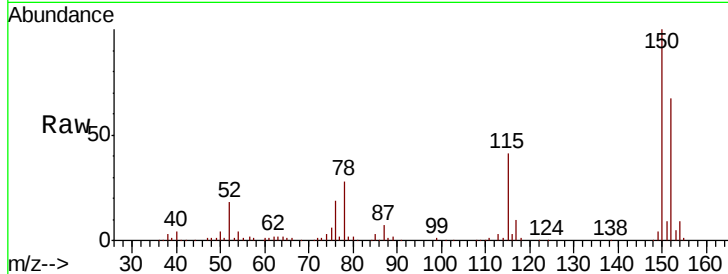


#1

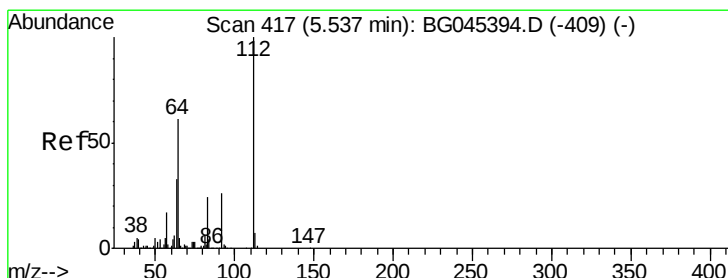
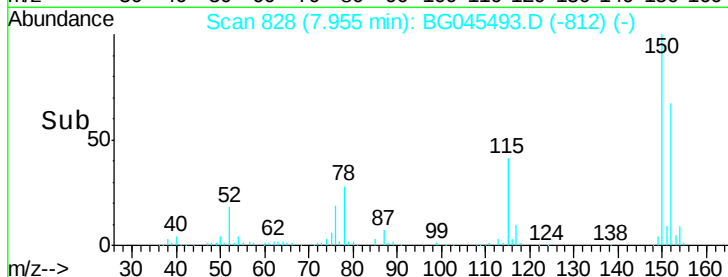
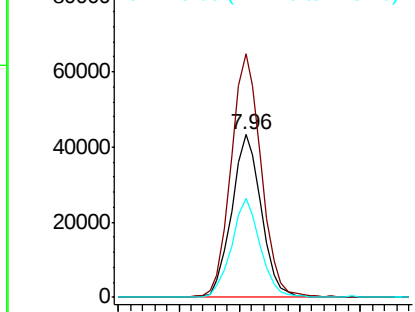
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129122BL

Tot Ion:152 Resp: 73959
Ion Ratio Lower Upper
152 100
150 149.6 122.4 183.6
115 60.8 44.2 66.4



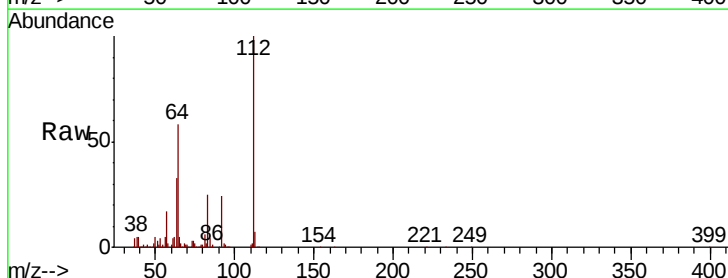
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



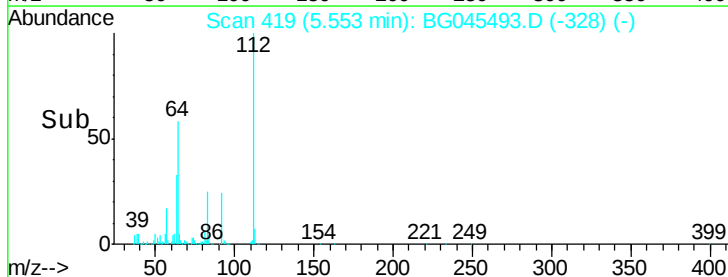
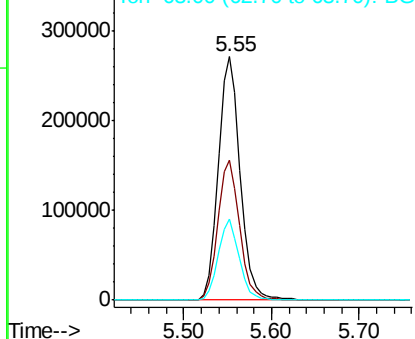
#5

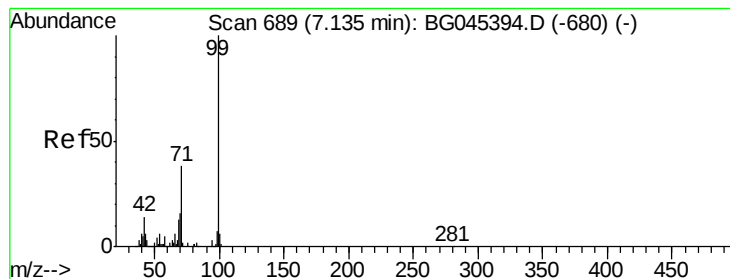
2-Fluorophenol
Concen: 123.976 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Tgt Ion:112 Resp: 469179
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 33.4 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: 125.925 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129122BL

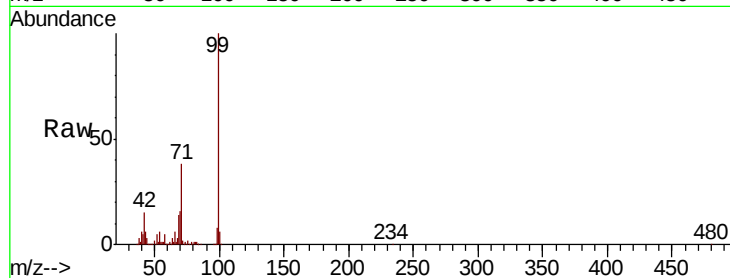
Tot Ion: 99 Resp: 678277

Ion Ratio Lower Upper

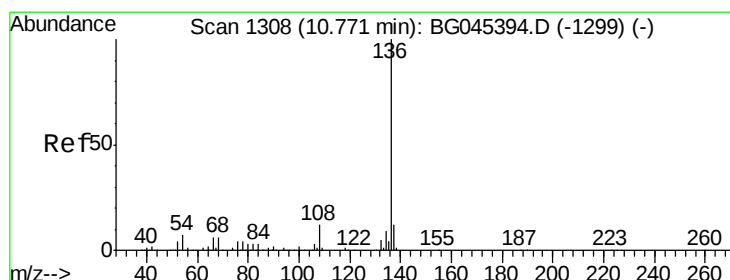
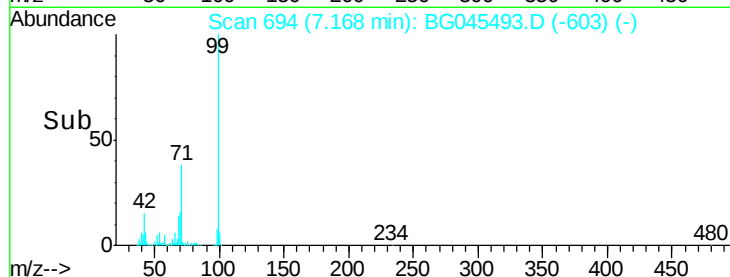
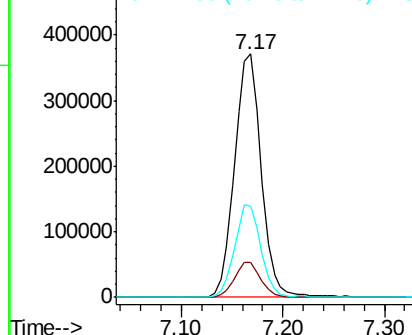
99 100

42 14.5 11.3 16.9

71 37.6 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: BG045493.D

Acq: 28 May 2020 12:12

Tgt Ion: 136 Resp: 302080

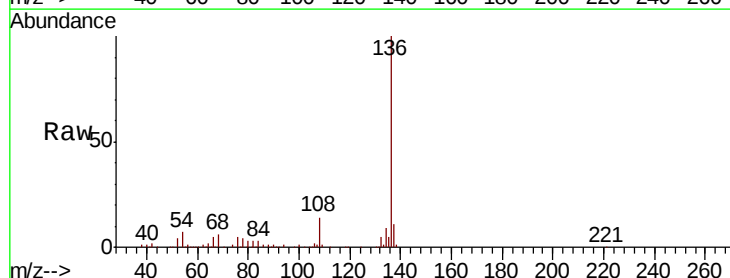
Ion Ratio Lower Upper

136 100

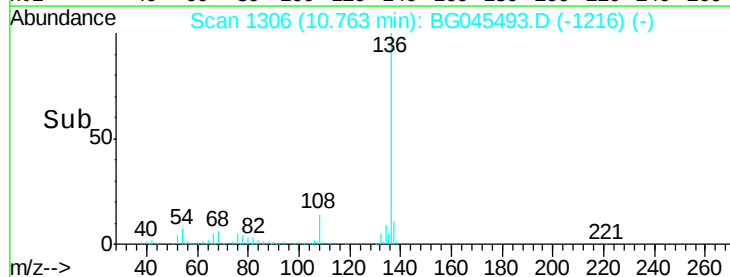
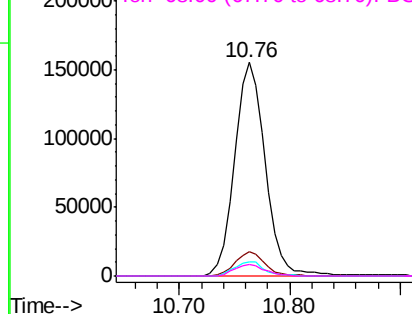
137 11.3 9.4 14.2

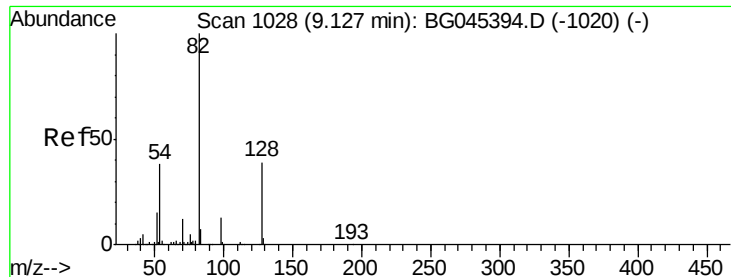
54 6.5 5.8 8.6

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

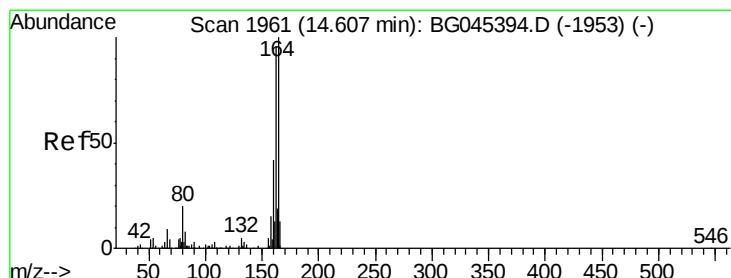
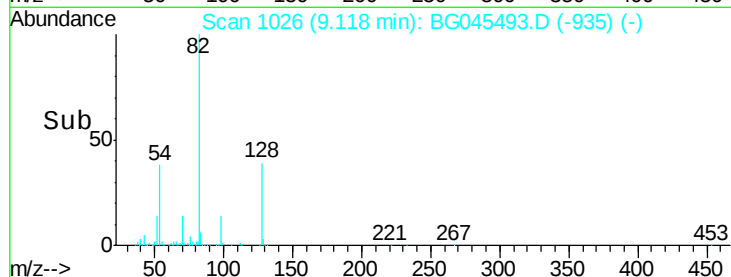
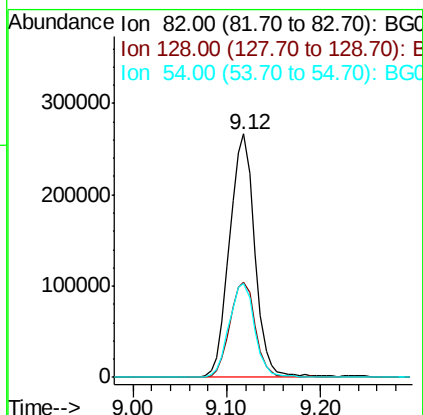
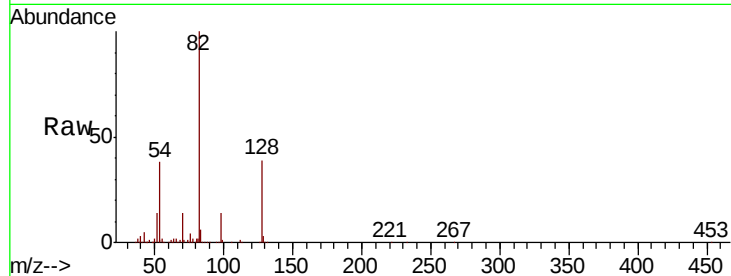




#23
 Nitrobenzene-d5
 Concen: 90.385 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

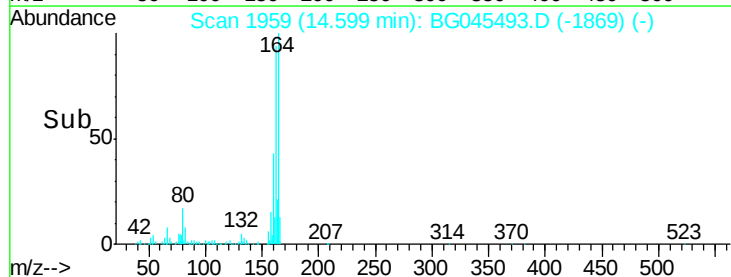
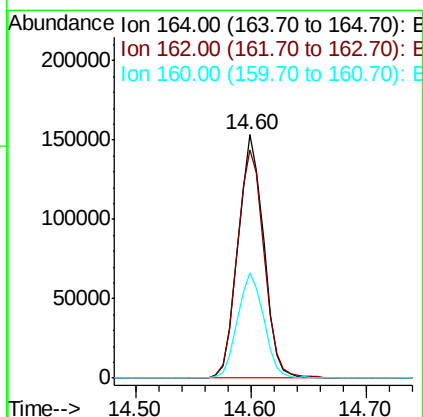
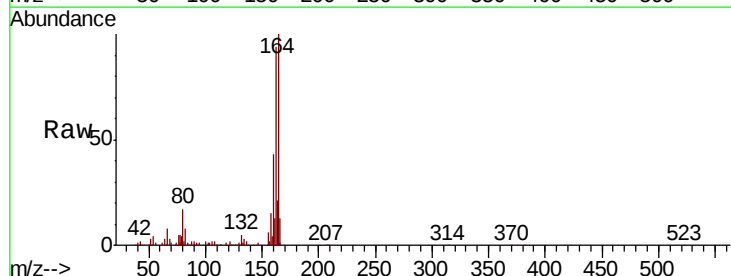
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BL

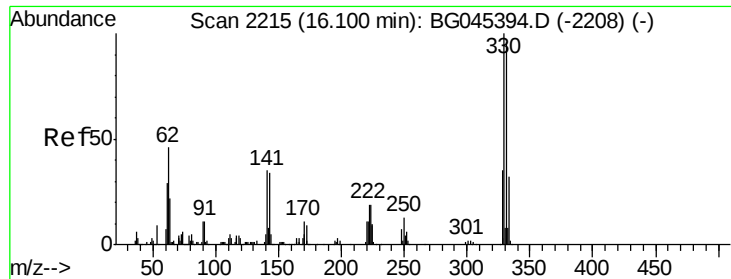
Tot Ion	82	Resp	500692
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	38.3	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Tgt Ion	164	Resp	235892
Ion Ratio	Lower	Upper	
164	100		
162	94.0	76.9	115.3
160	43.3	33.8	50.8

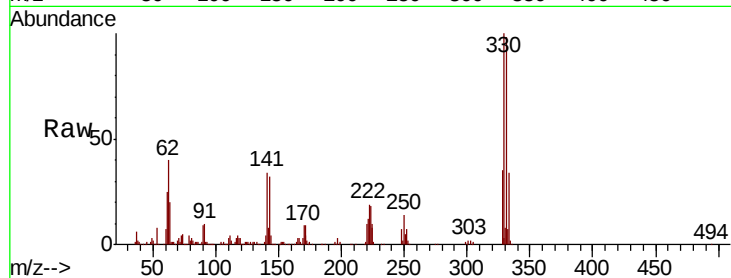




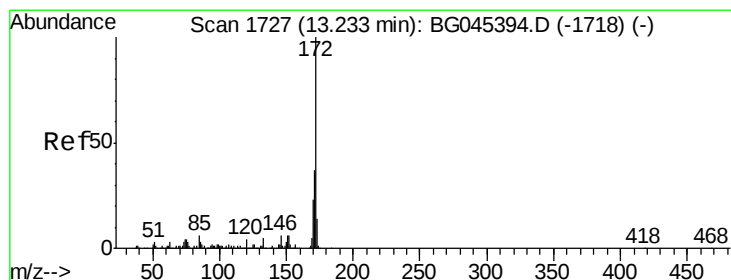
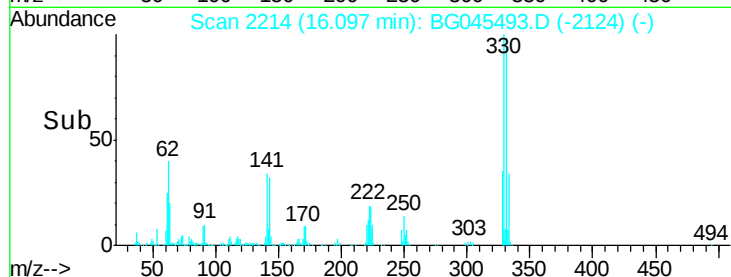
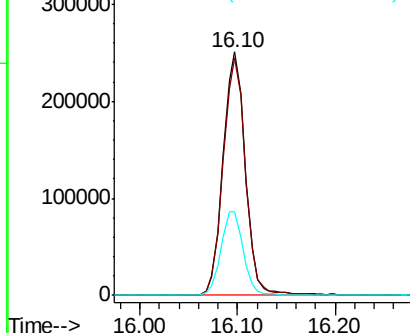
#42
 2,4,6-Tribromophenol
 Concen: 131.687 ng
 RT: 16.10 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	34.5	28.2	42.4

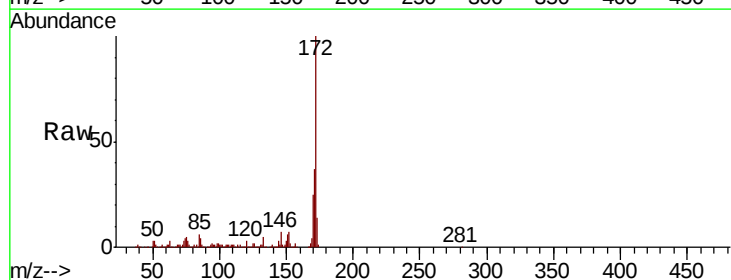


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

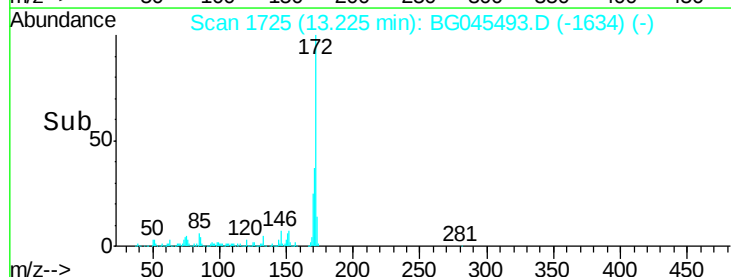
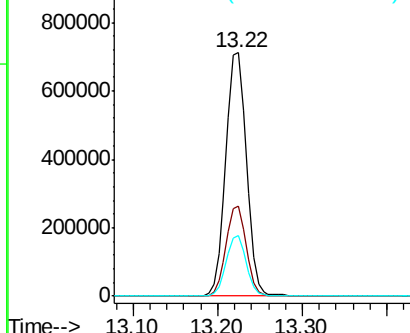


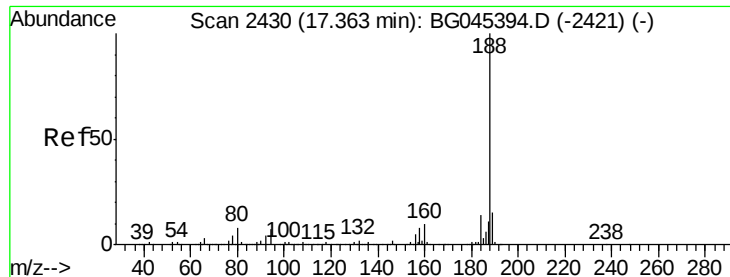
#45
 2-Fluorobiphenyl
 Concen: 87.053 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.7	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129122BL

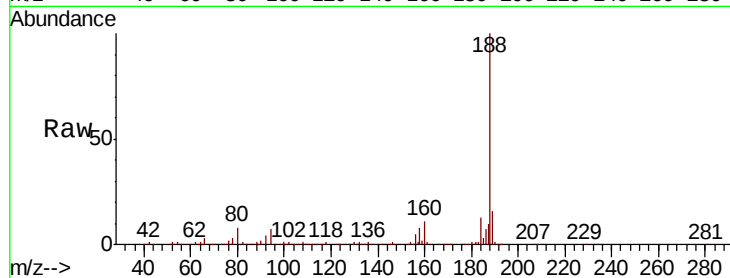
Tot Ion:188 Resp: 574770

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

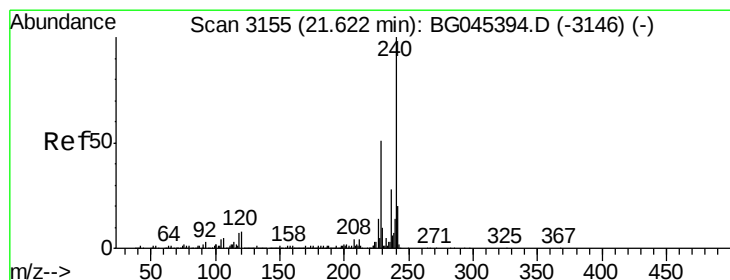
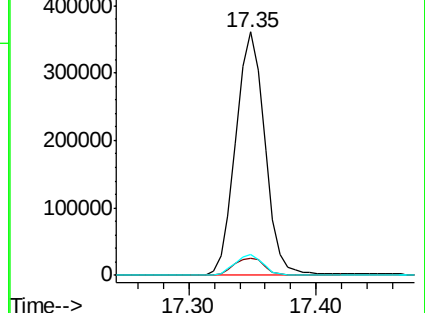
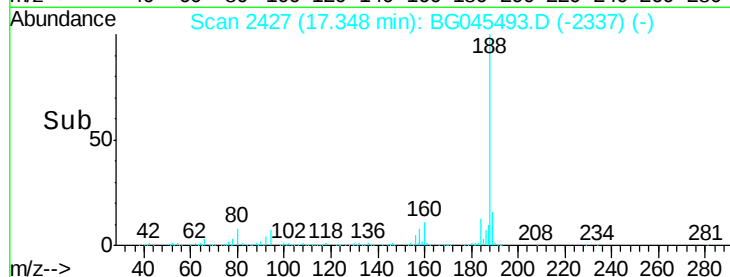
80 8.4 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGO

Ion 80.00 (79.70 to 80.70): BGO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

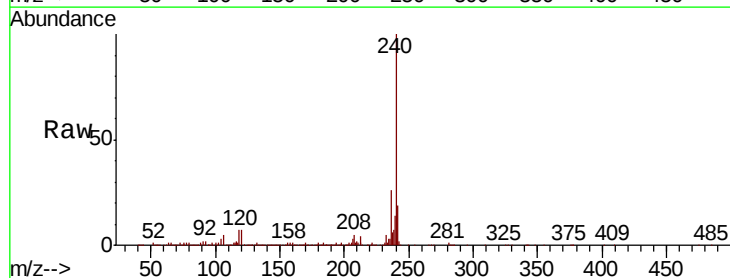
Tgt Ion:240 Resp: 535512

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

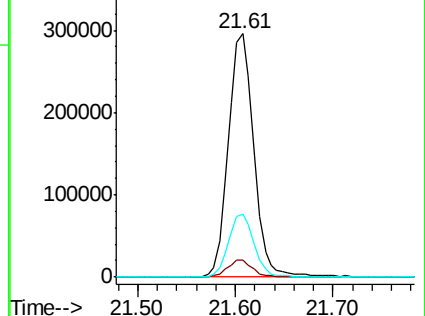
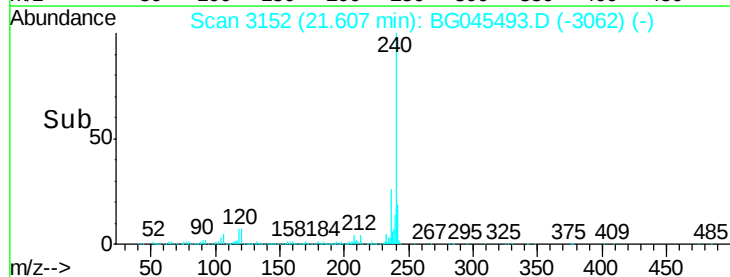
236 25.9 22.3 33.5

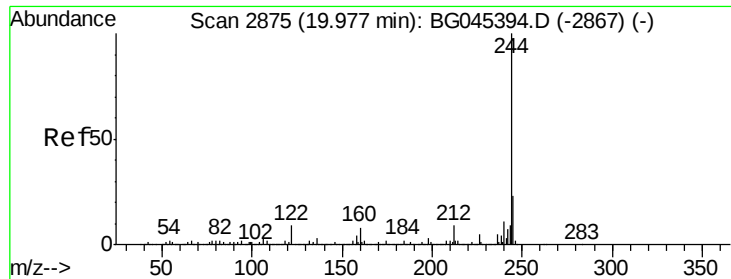


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

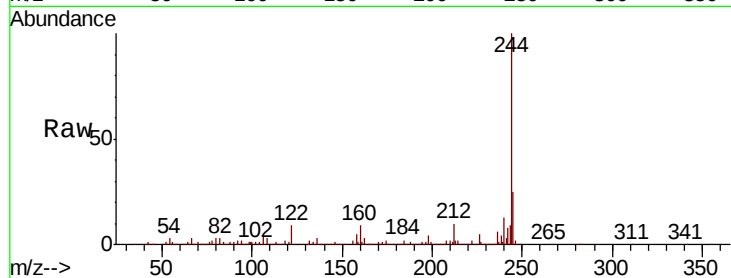




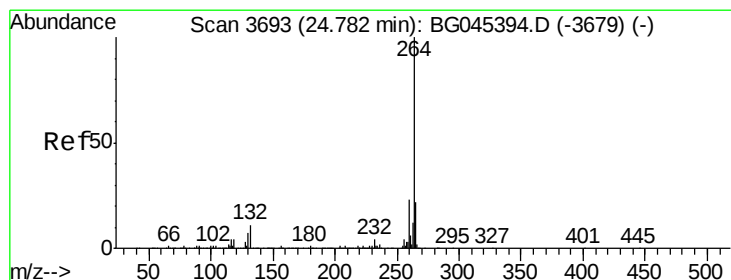
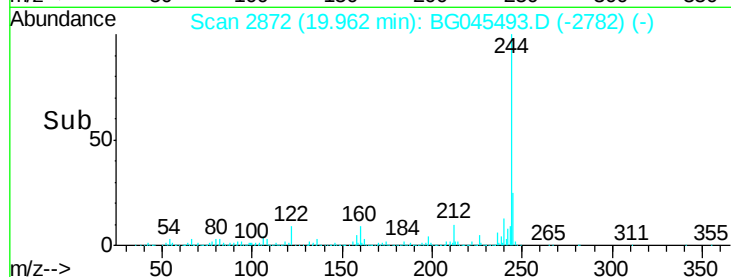
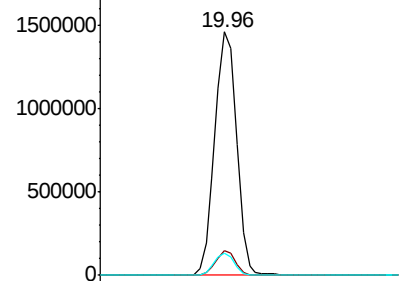
#79
 Terphenyl-d14
 Concen: 91.268 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BL

Tot Ion:244 Resp: 2095580
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.4 11.0
 122 9.2 6.8 10.2

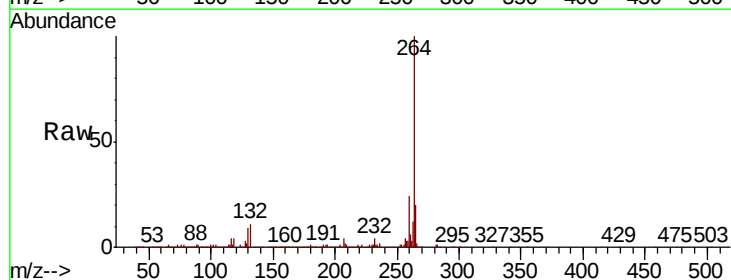


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Tgt Ion:264 Resp: 565160
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 20.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 250000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

