

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045333.D
 Acq On : 12 May 2020 17:46
 Operator : CG/JU
 Sample : PB128808BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BL

Quant Time: May 12 18:53:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58608	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	217187	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	151349	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	365509	20.00	ng	0.00
76) Chrysene-d12	21.63	240	414298	20.00	ng	0.00
87) Perylene-d12	24.79	264	445257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	343789	96.84	ng	0.00
7) Phenol-d6	7.14	99	470456	89.20	ng	0.00
23) Nitrobenzene-d5	9.13	82	441365	92.73	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	206011	88.11	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	960891	93.09	ng	0.00
79) Terphenyl-d14	19.98	244	1840399	96.82	ng	0.00

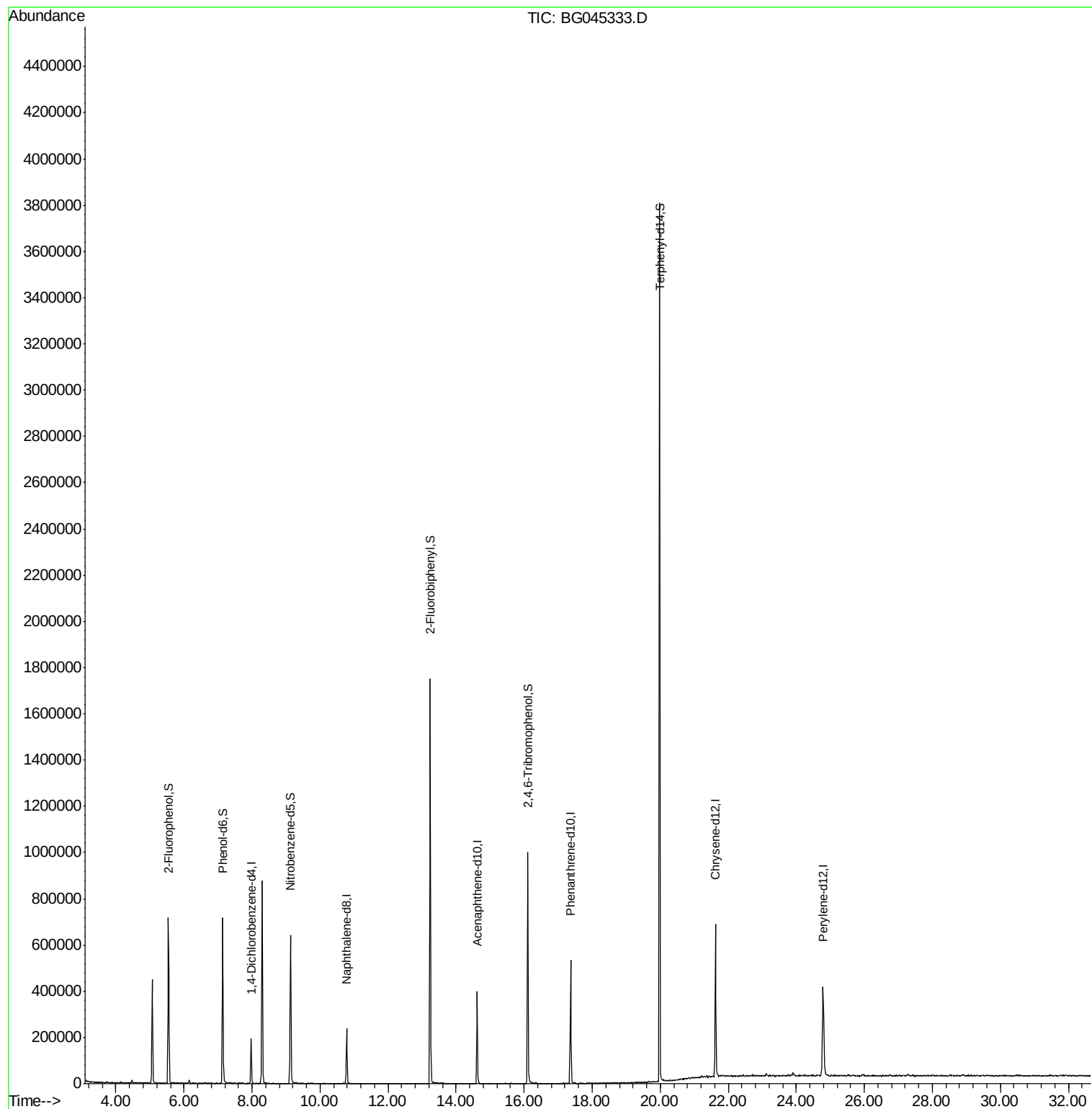
Target Compounds Qvalue

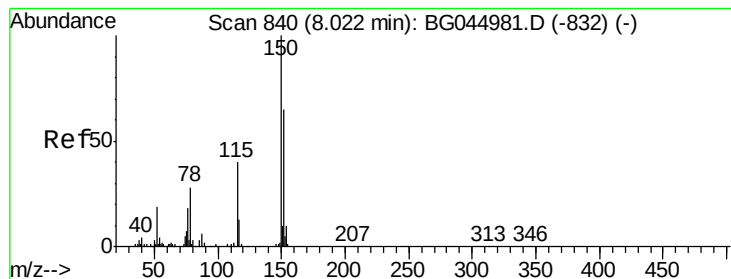
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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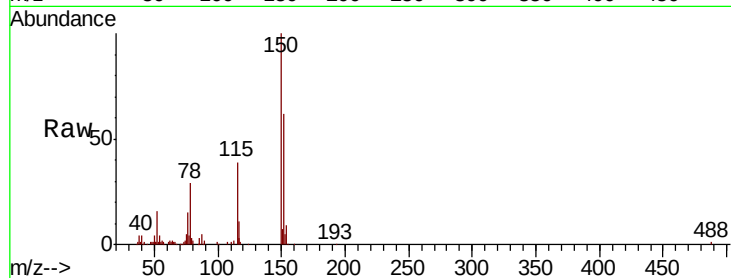


#1

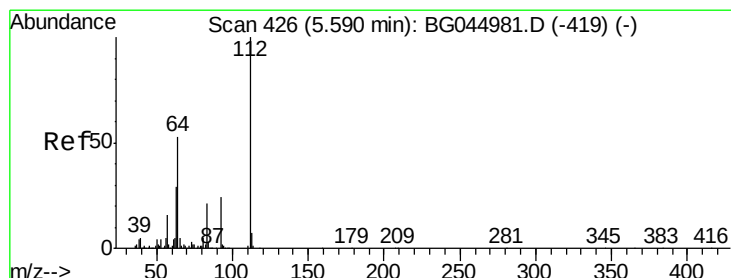
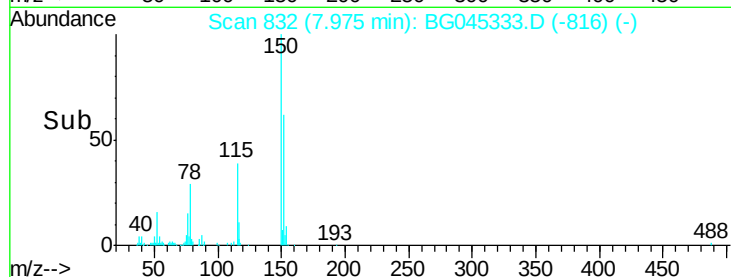
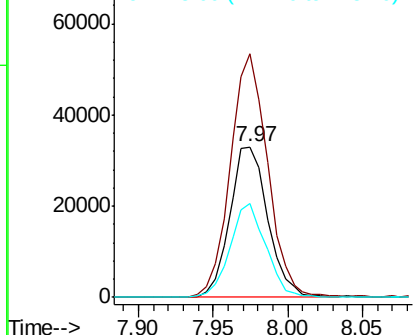
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BL

Tot Ion:152 Resp: 58608
 Ion Ratio Lower Upper
 152 100
 150 162.0 123.6 185.4
 115 62.8 49.1 73.7



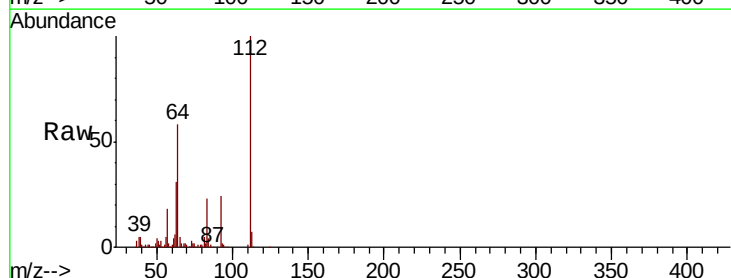
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



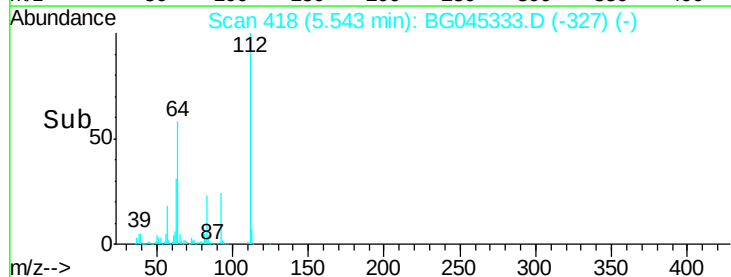
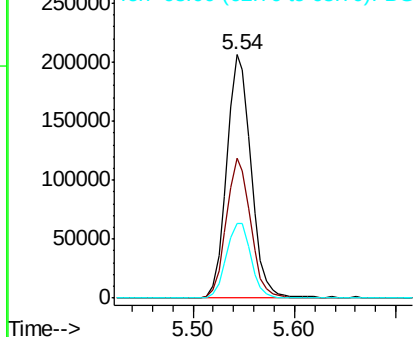
#5

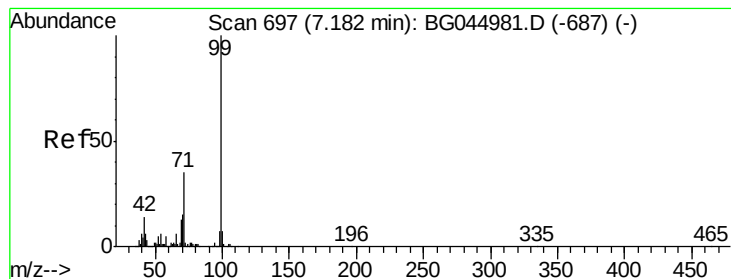
2-Fluorophenol
 Concen: 96.843 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

Tgt Ion:112 Resp: 343789
 Ion Ratio Lower Upper
 112 100
 64 57.6 42.4 63.6
 63 30.8 23.1 34.7



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: 89.197 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045333.D

Acq: 12 May 2020 17:46

Instrument :

BNA_G

ClientSampleId :

PB128808BL

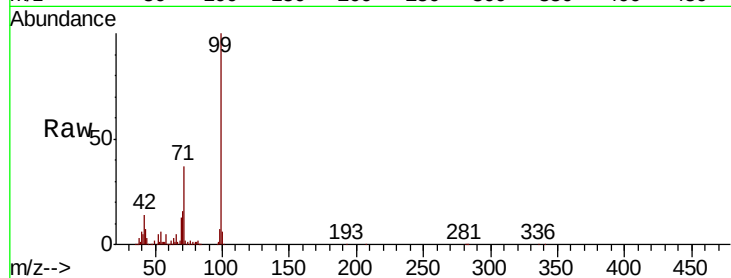
Tot Ion: 99 Resp: 470456

Ion Ratio Lower Upper

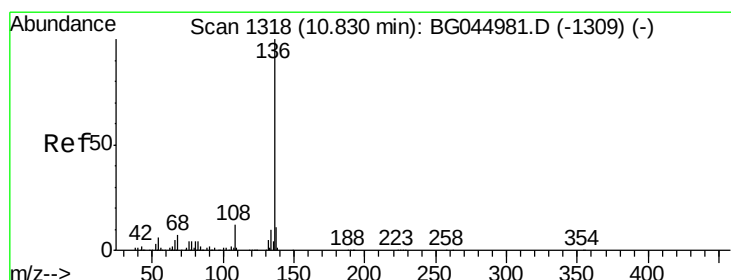
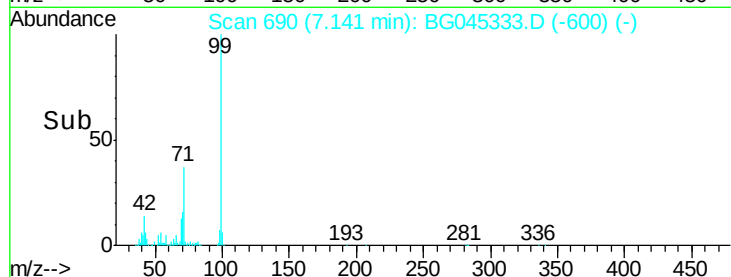
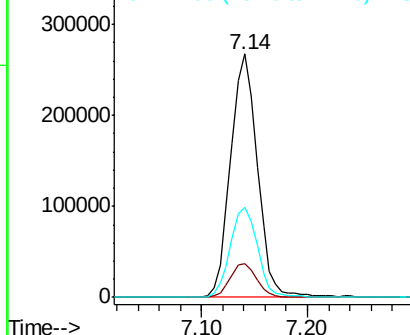
99 100

42 13.9 11.3 16.9

71 37.2 28.3 42.5



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: BG045333.D

Acq: 12 May 2020 17:46

Tgt Ion: 136 Resp: 217187

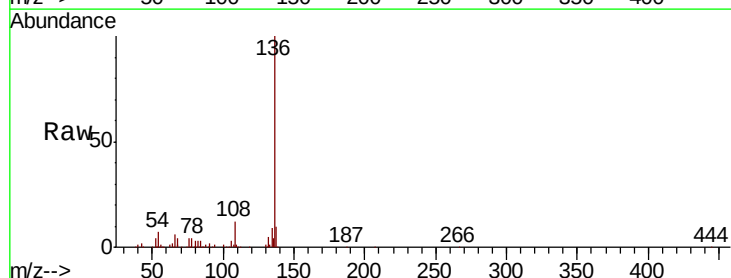
Ion Ratio Lower Upper

136 100

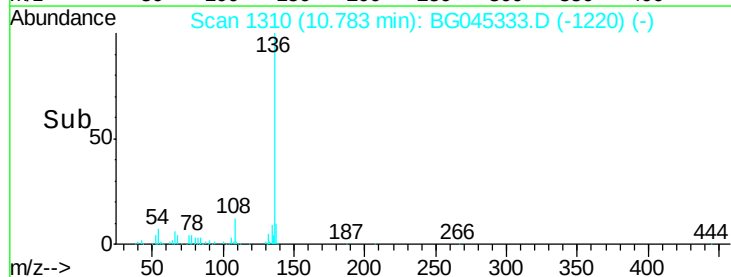
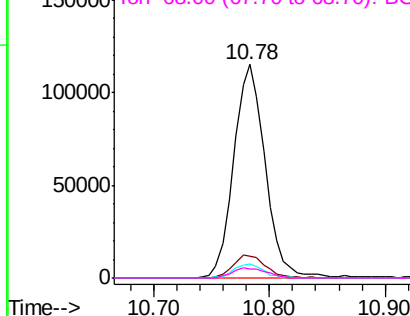
137 10.3 8.6 13.0

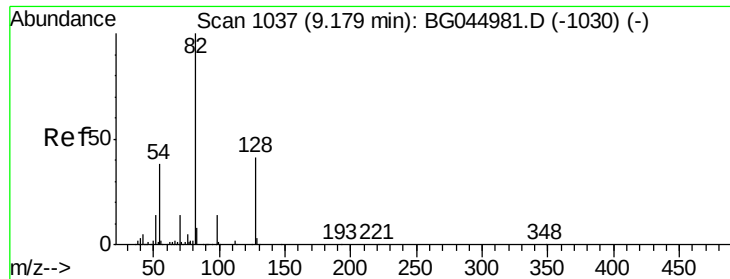
54 6.8 4.8 7.2

68 4.4 5.2 7.8#



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

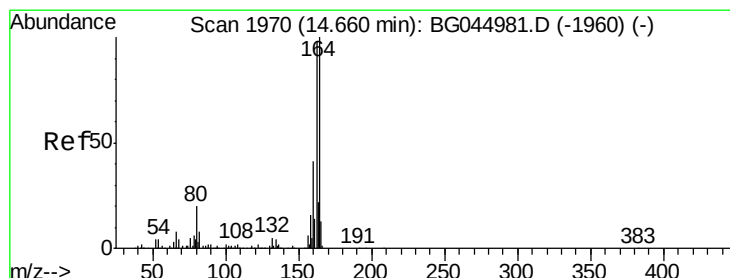
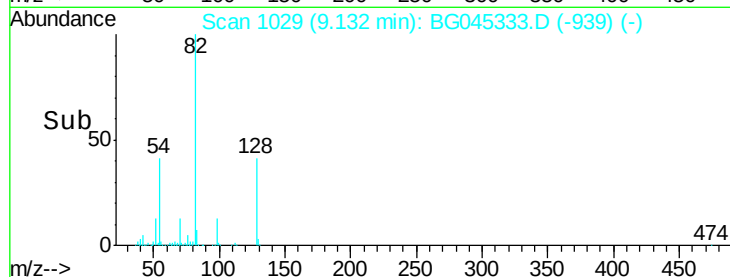
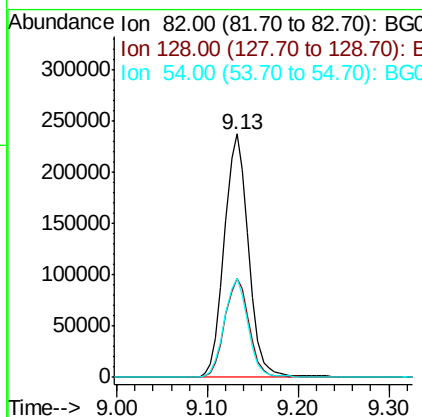
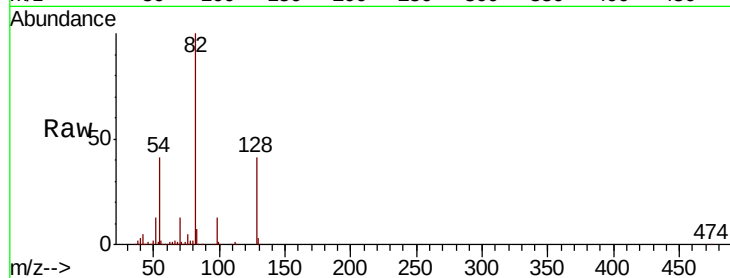




#23
 Nitrobenzene-d5
 Concen: 92.726 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

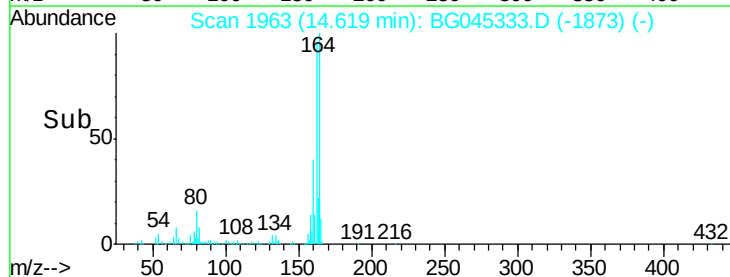
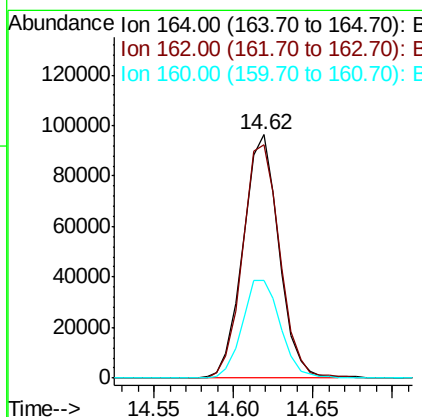
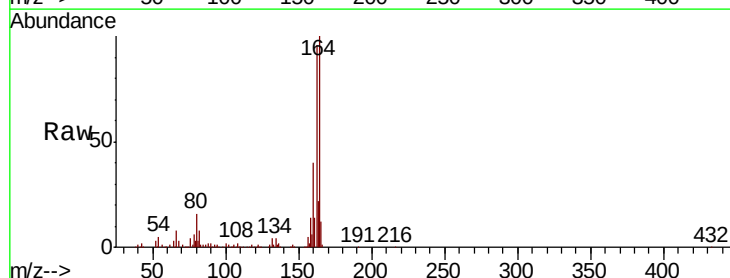
Instrument :
 BNA_G
 ClientSampleId :
 PB128808BL

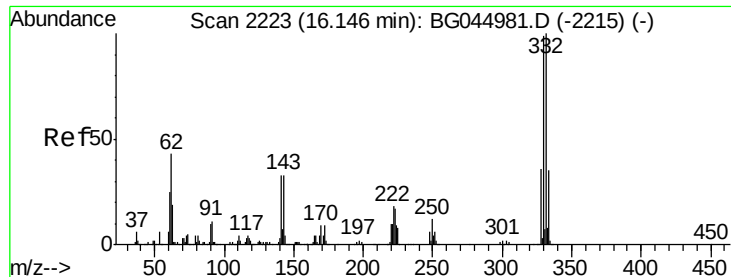
Tot Ion	82	Resp	441365
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.0	49.4
54	40.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

Tgt Ion	164	Resp	151349
Ion Ratio	Lower	Upper	
164	100		
162	95.9	78.7	118.1
160	40.0	32.8	49.2

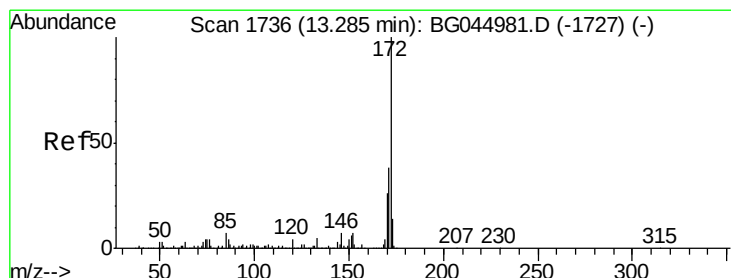
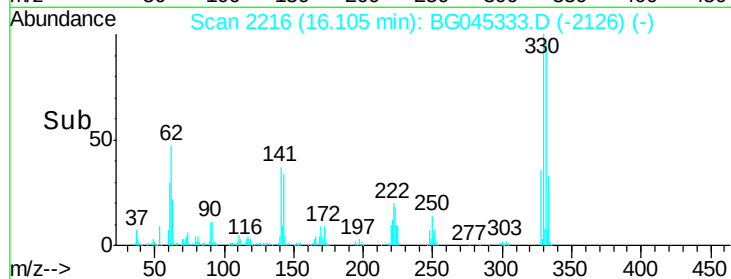
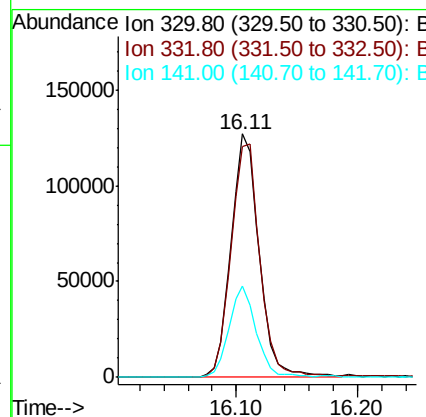
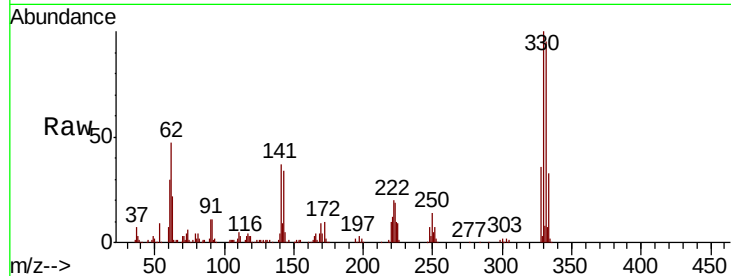




#42
 2,4,6-Tribromophenol
 Concen: 88.109 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

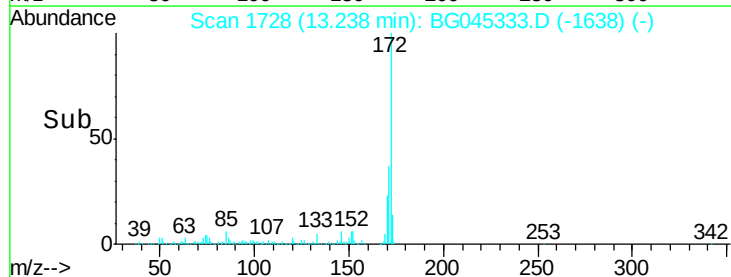
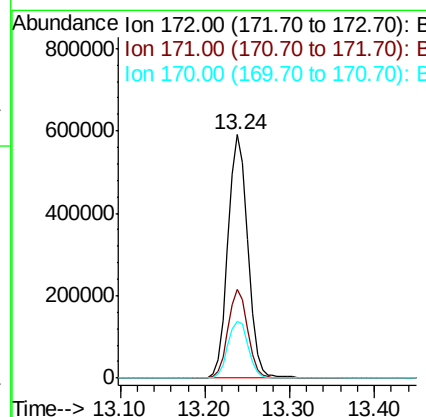
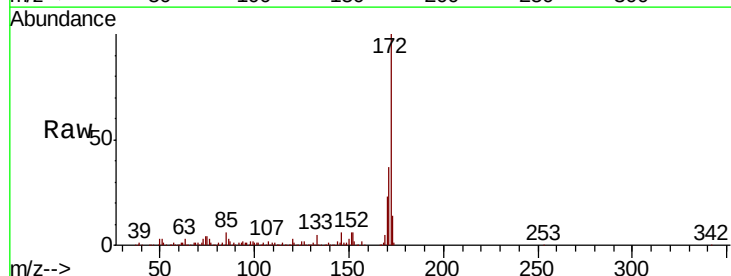
Instrument :
 BNA_G
 ClientSampleId :
 PB128808BL

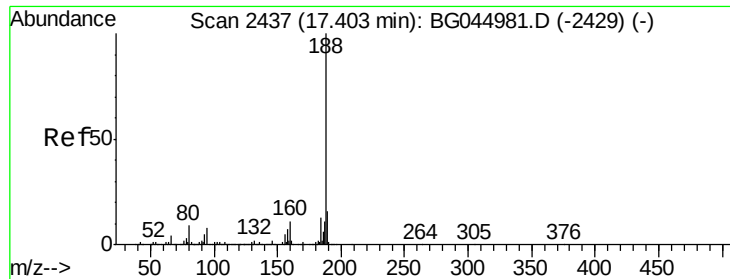
Tot Ion:	330	Resp:	206011
Ion	Ratio	Lower	Upper
330	100		
332	98.9	79.1	118.7
141	35.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 93.094 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045333.D
 Acq: 12 May 2020 17:46

Tgt Ion:	172	Resp:	960891
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	23.5	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG045333.D

Acq: 12 May 2020 17:46

Instrument :

BNA_G

ClientSampleId :

PB128808BL

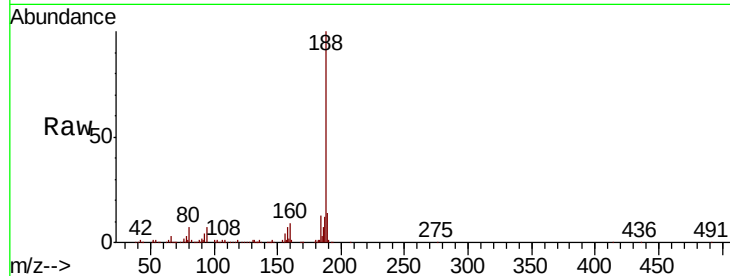
Tot Ion:188 Resp: 365509

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.4

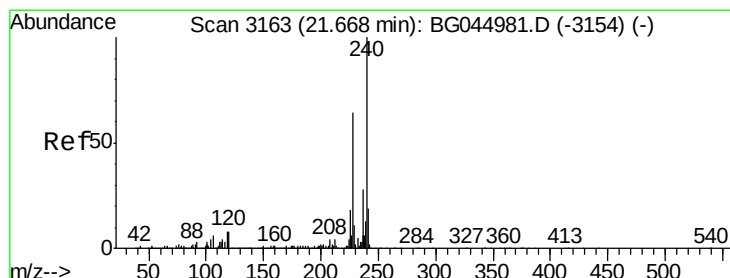
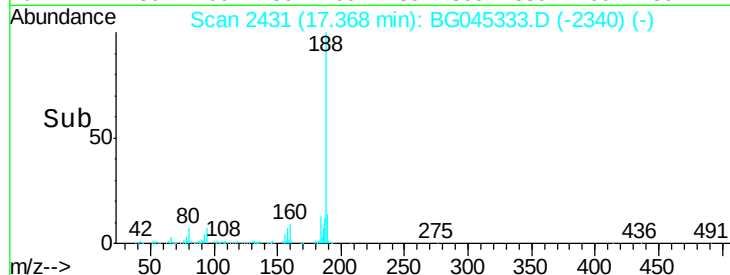
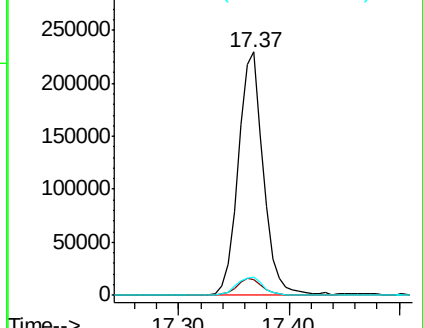
80 7.4 7.0 10.6



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045333.D

Acq: 12 May 2020 17:46

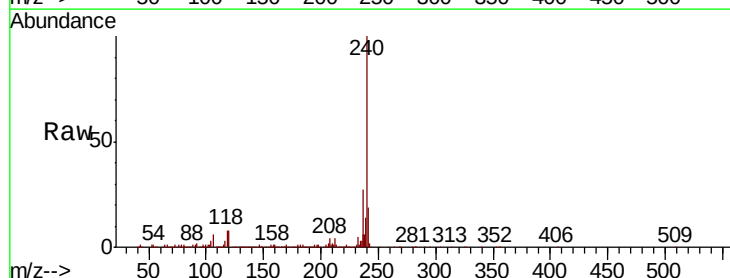
Tgt Ion:240 Resp: 414298

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

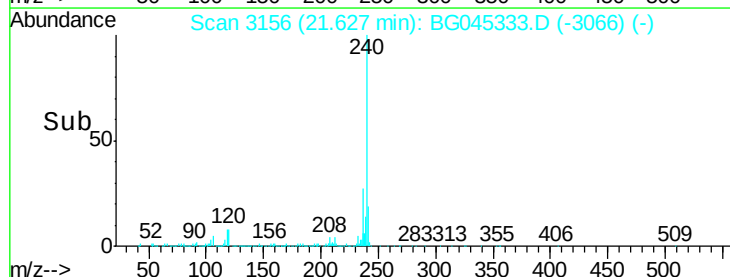
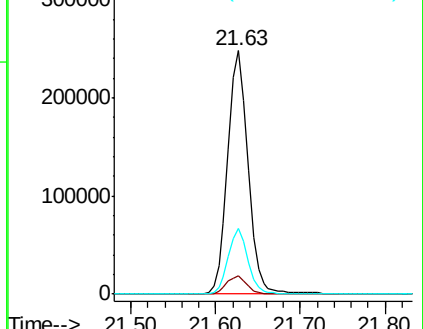
236 26.8 22.2 33.2

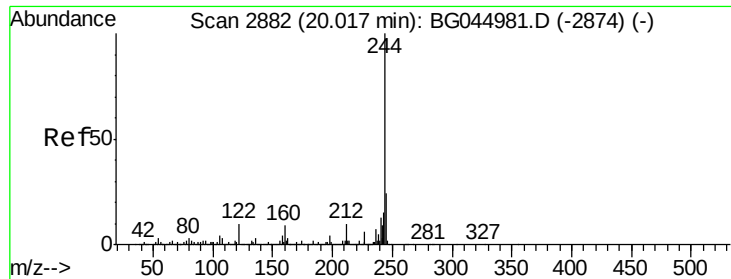


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.821 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG045333.D

Acq: 12 May 2020 17:46

Instrument :

BNA_G

ClientSampleId :

PB128808BL

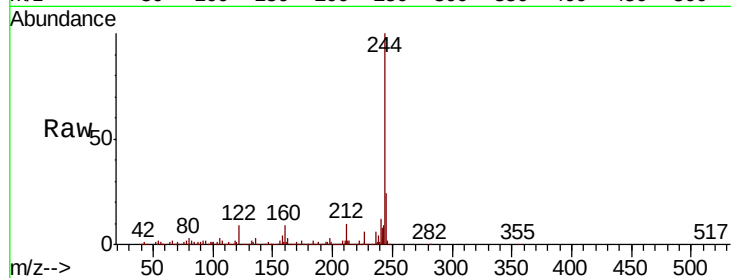
Tot Ion:244 Resp: 1840399

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

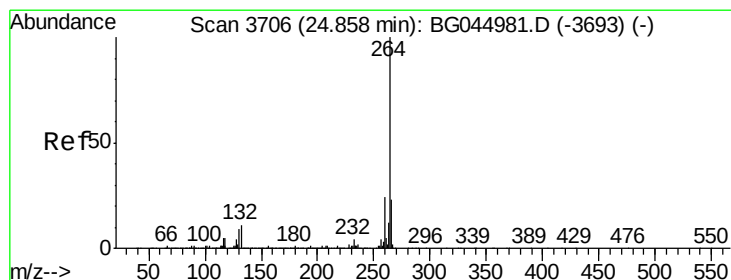
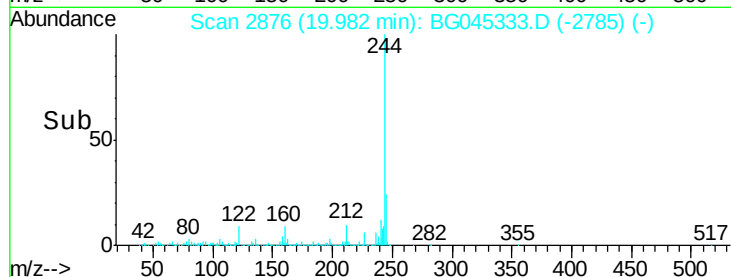
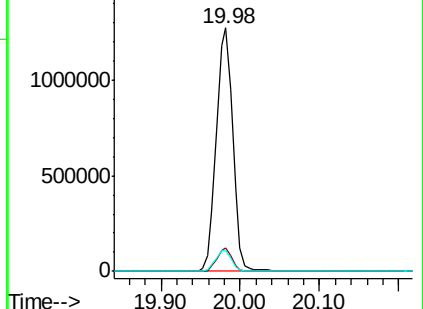
122 8.8 7.7 11.5



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: 24.79 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG045333.D

Acq: 12 May 2020 17:46

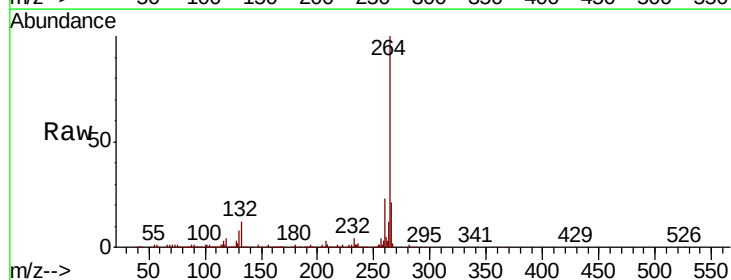
Tgt Ion:264 Resp: 445257

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.8 19.0 28.4



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

