

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045332.D
 Acq On : 12 May 2020 17:07
 Operator : CG/JU
 Sample : PB128809BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BL

Quant Time: May 12 17:51:46 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	7.98	152	64584	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	251796	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	172334	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	411059	20.00	ng	0.00
76) Chrysene-d12	21.63	240	418064	20.00	ng	0.00
87) Perylene-d12	24.79	264	432070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	486333	124.32	ng	0.00
7) Phenol-d6	7.14	99	689152	118.57	ng	0.00
23) Nitrobenzene-d5	9.13	82	473759	85.85	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	342136	128.51	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1065707	90.68	ng	0.00
79) Terphenyl-d14	19.98	244	1917000	99.94	ng	0.00

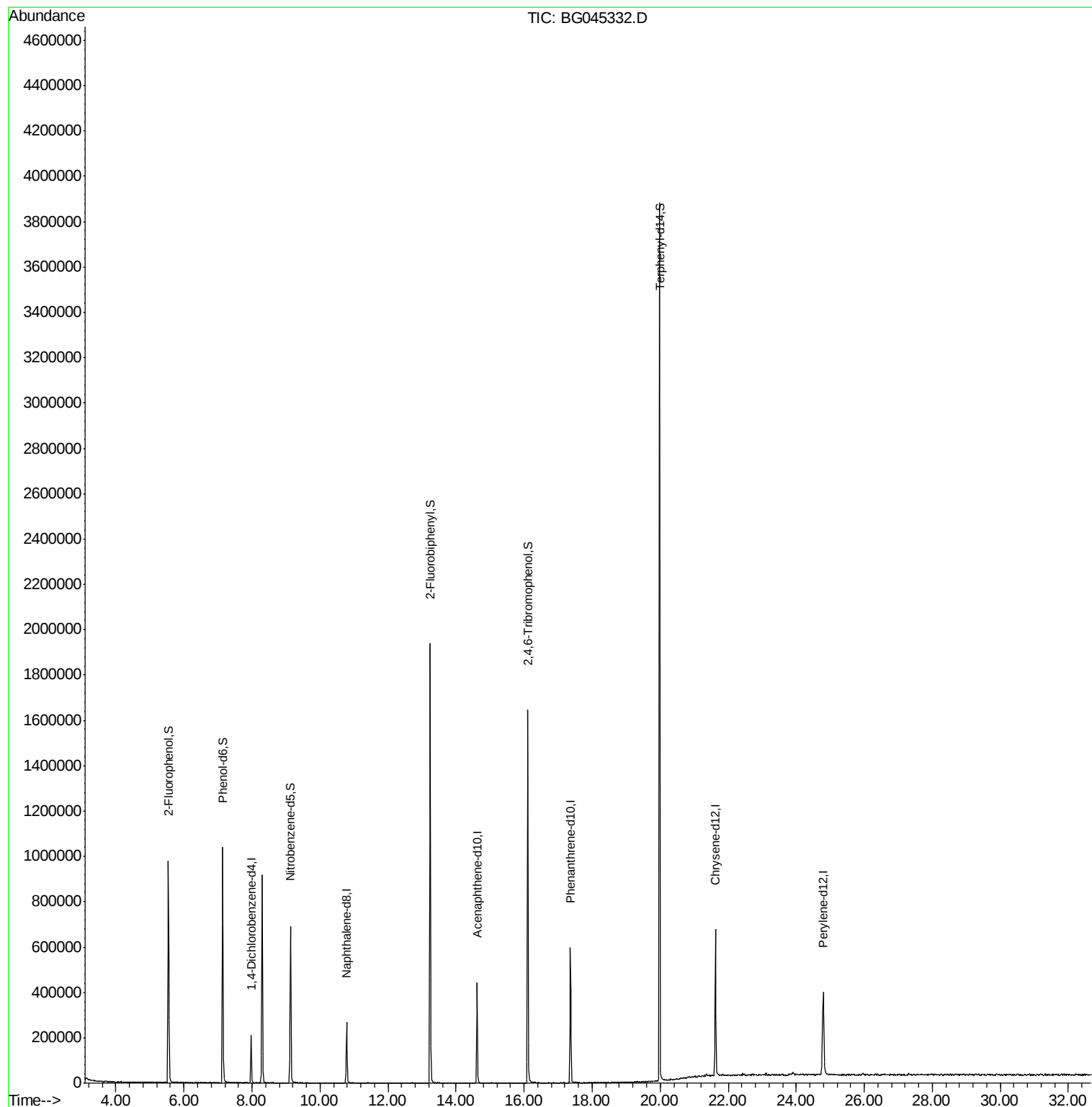
Target Compounds Qvalue

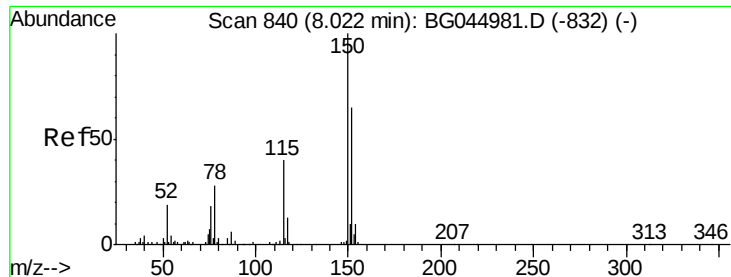
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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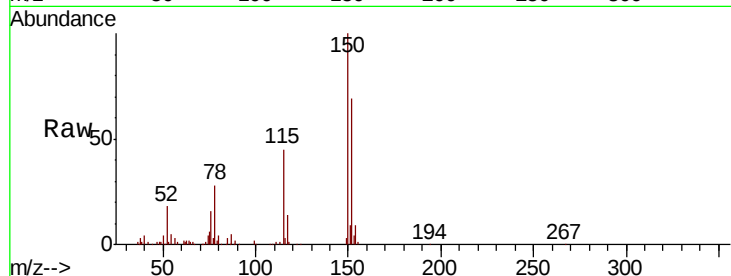


#1

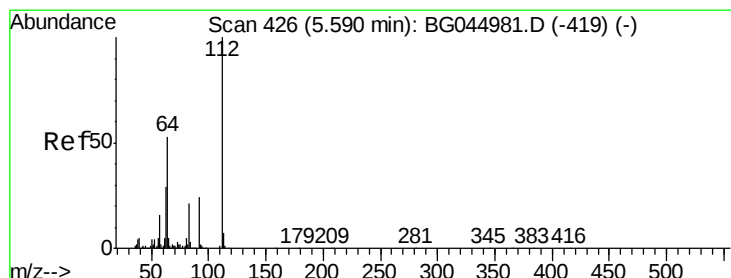
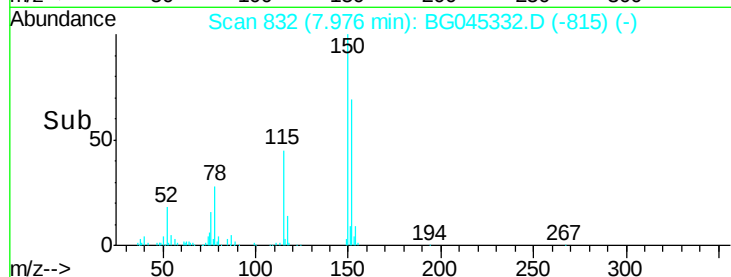
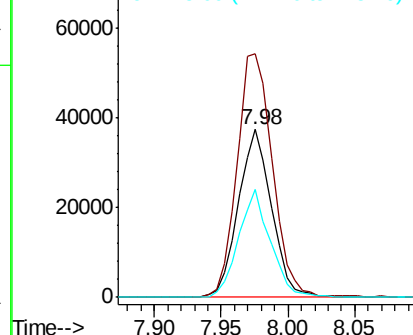
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	123.6	185.4
115	64.5	49.1	73.7



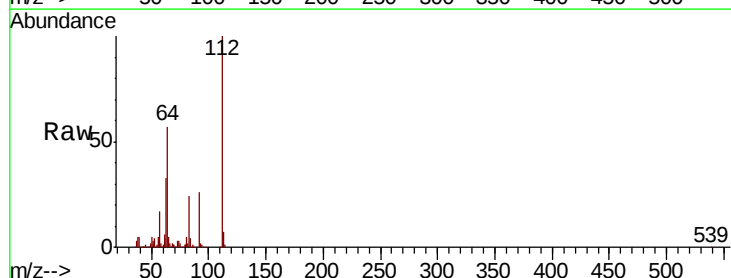
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



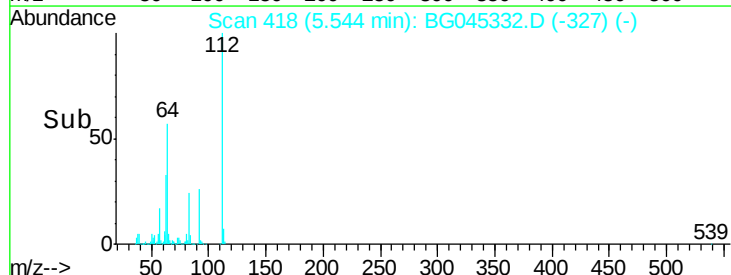
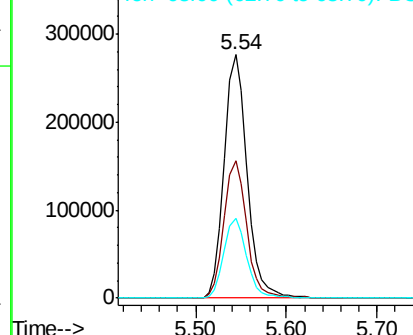
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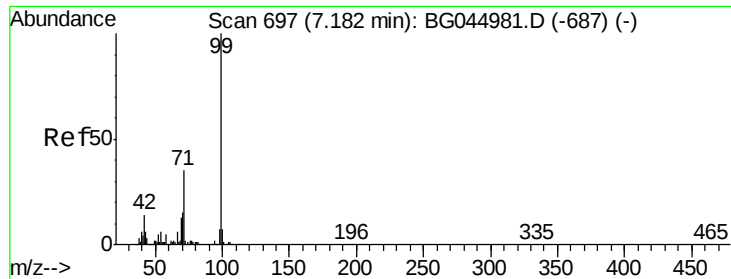
2-Fluorophenol
 Concen: 124.320 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.4	63.6
63	32.8	23.1	34.7



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: 118.571 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

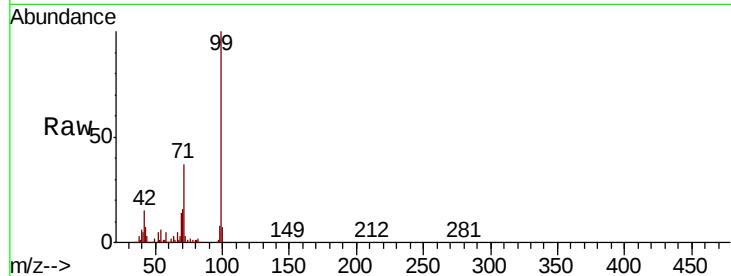
Tot Ion: 99 Resp: 689152

Ion Ratio Lower Upper

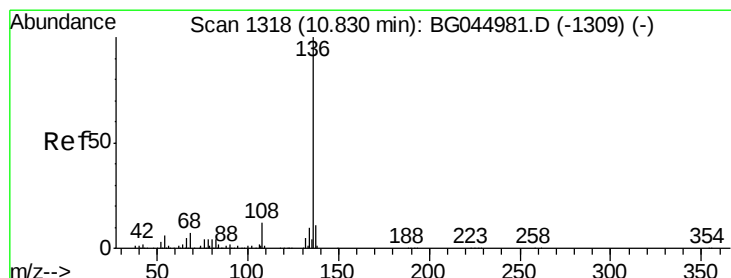
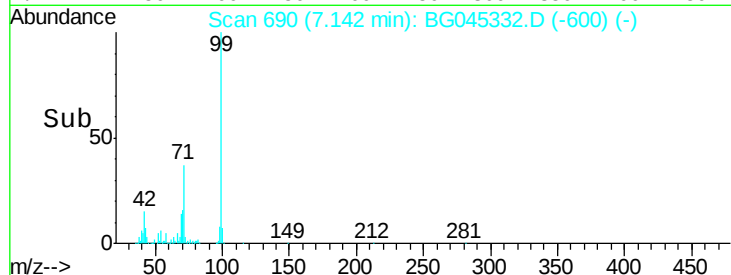
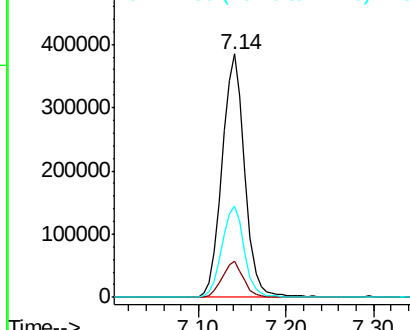
99 100

42 14.6 11.3 16.9

71 37.3 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: BG045332.D

Acq: 12 May 2020 17:07

Tgt Ion: 136 Resp: 251796

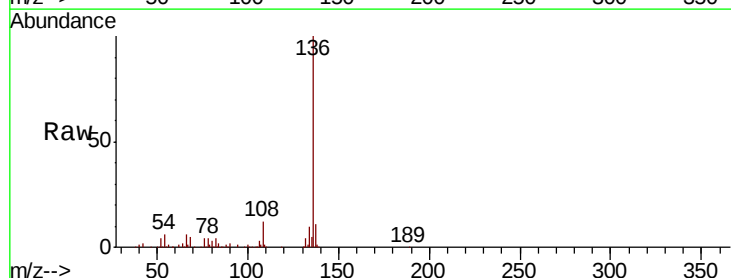
Ion Ratio Lower Upper

136 100

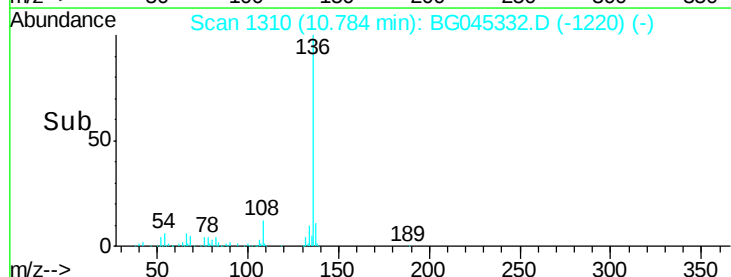
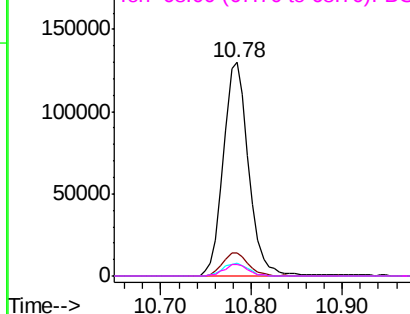
137 10.9 8.6 13.0

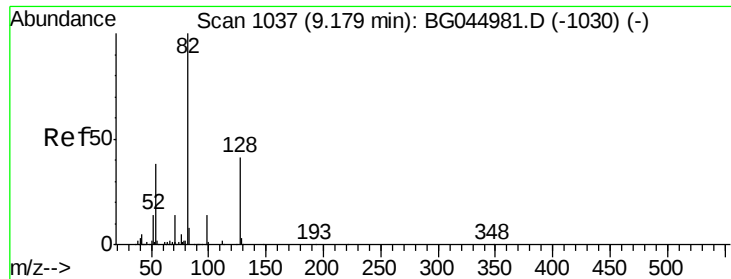
54 6.2 4.8 7.2

68 5.2 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

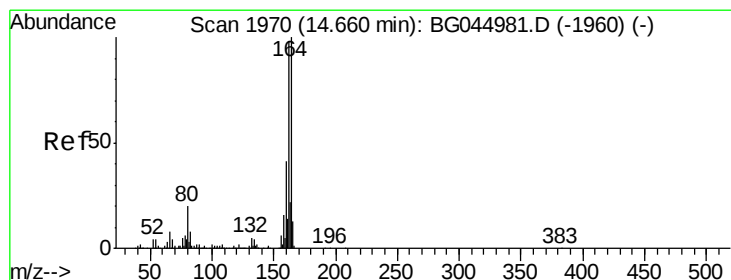
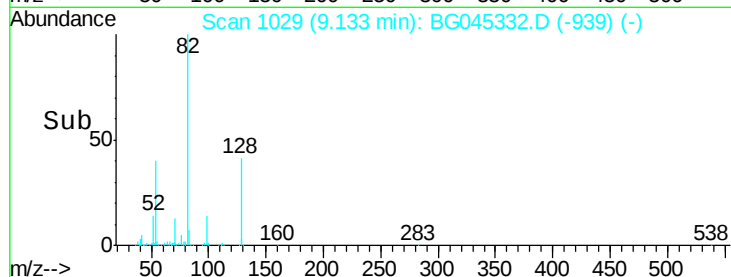
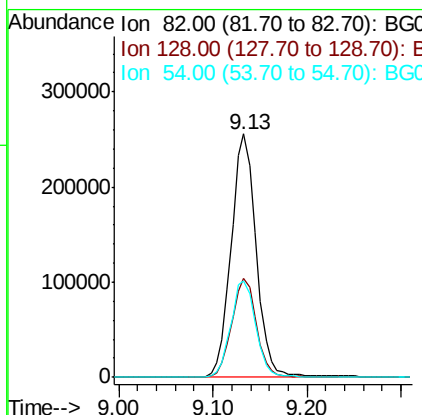
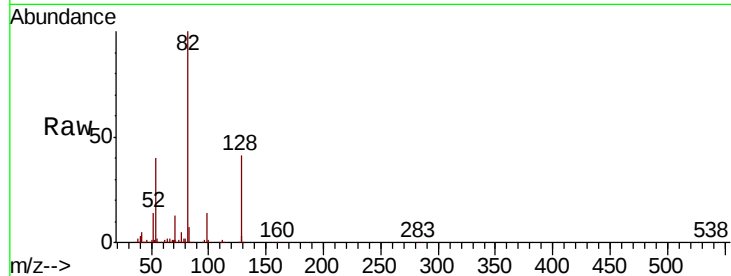




#23
 Nitrobenzene-d5
 Concen: 85.851 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

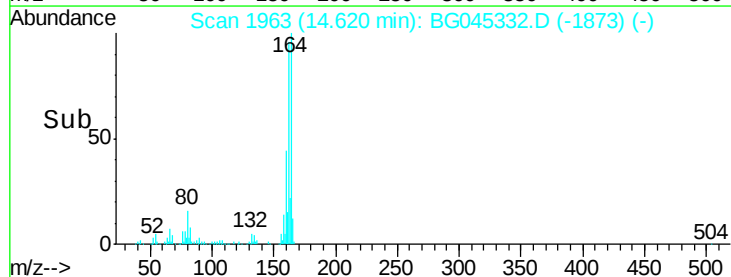
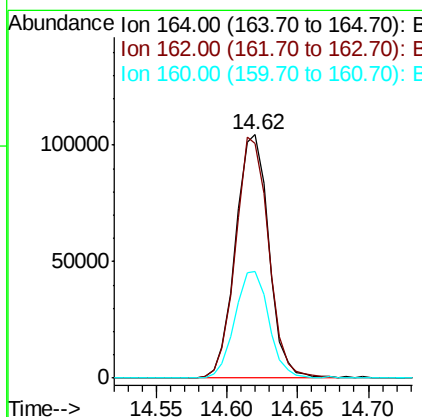
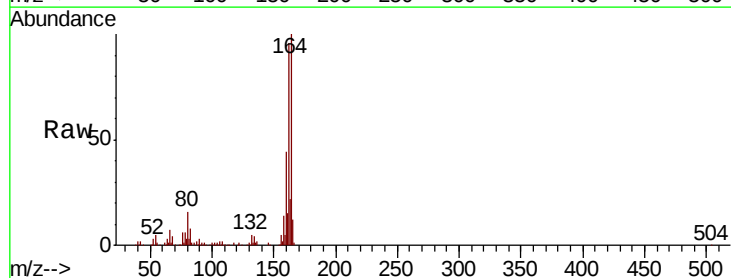
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BL

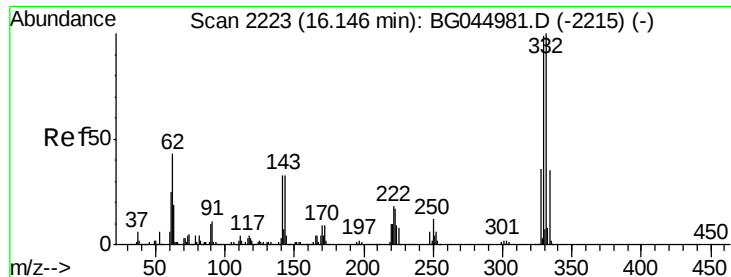
Tot Ion	82	Resp	473759
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.0	49.4
54	39.7	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Tgt Ion	164	Resp	172334
Ion Ratio	Lower	Upper	
164	100		
162	96.5	78.7	118.1
160	43.8	32.8	49.2

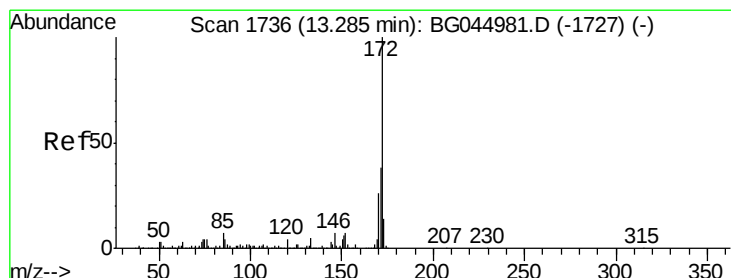
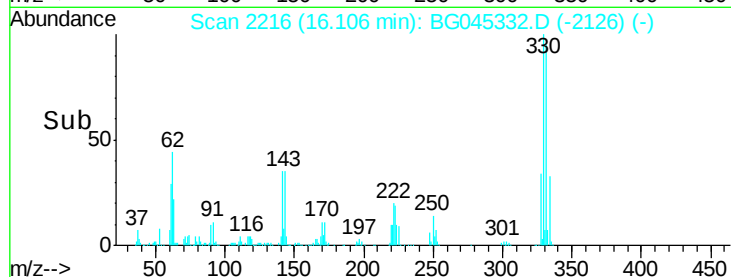
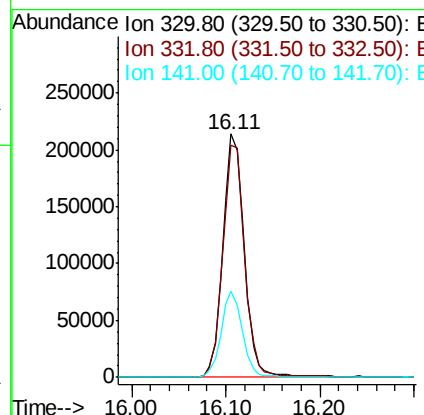
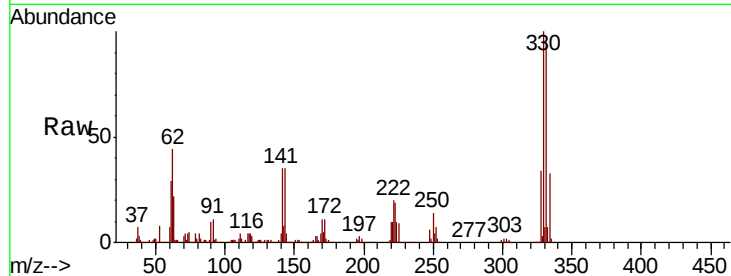




#42
 2,4,6-Tribromophenol
 Concen: 128.510 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

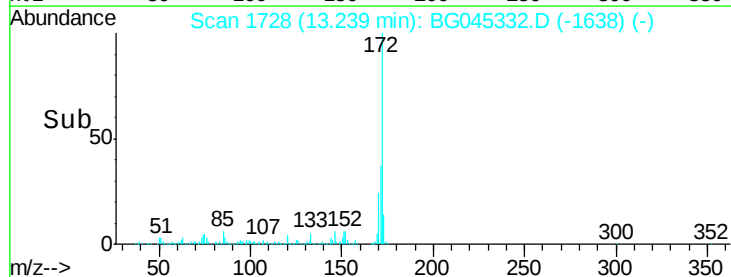
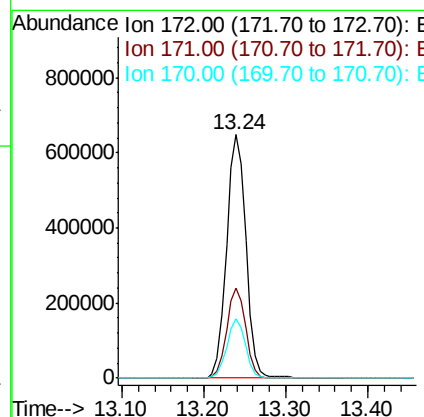
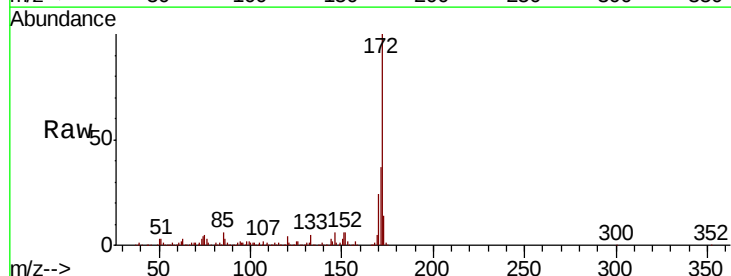
Instrument :
 BNA_G
 ClientSampled :
 PB128809BL

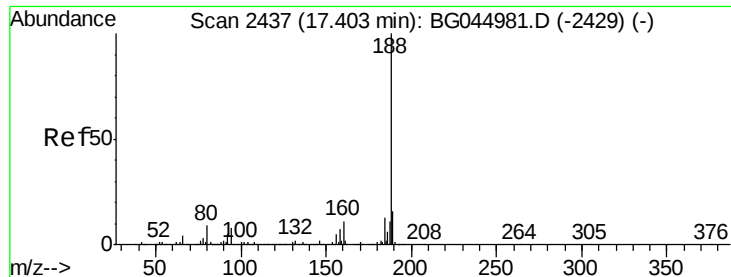
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 90.677 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045332.D
 Acq: 12 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.2	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

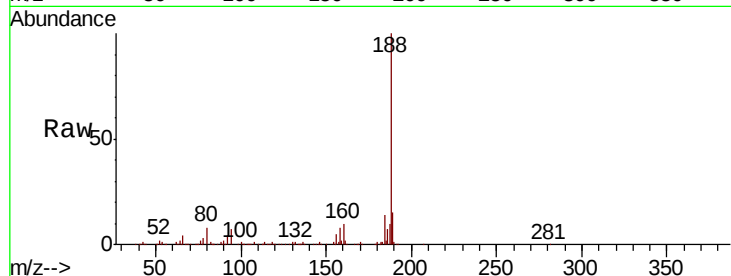
Tot Ion:188 Resp: 411059

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

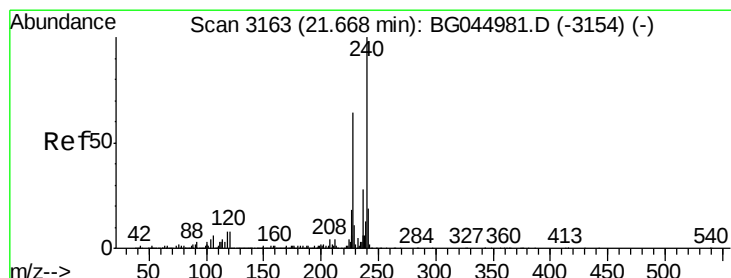
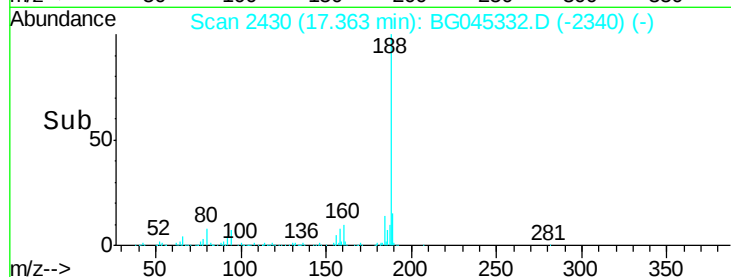
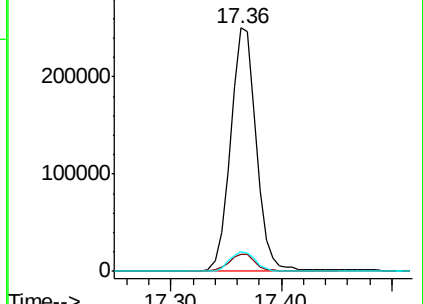
80 8.2 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

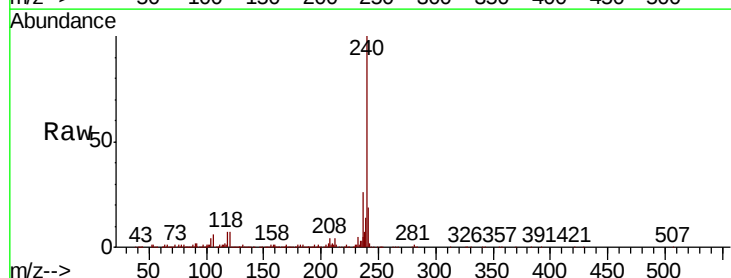
Tgt Ion:240 Resp: 418064

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

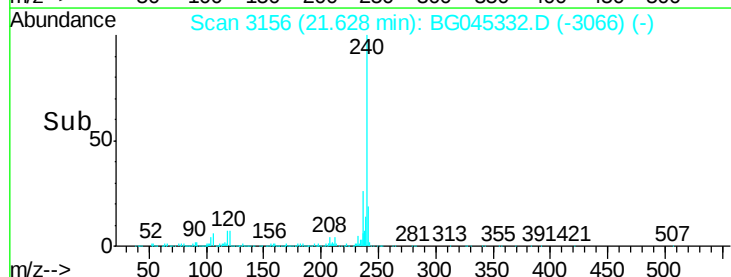
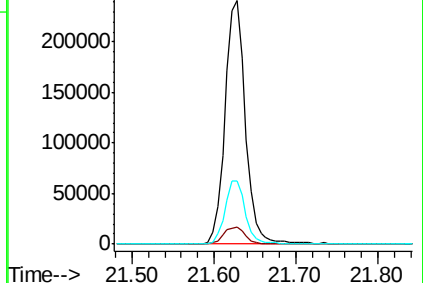
236 25.8 22.2 33.2

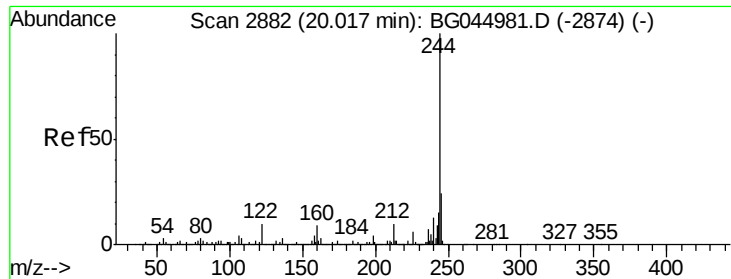


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.942 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

Instrument :

BNA_G

ClientSampleId :

PB128809BL

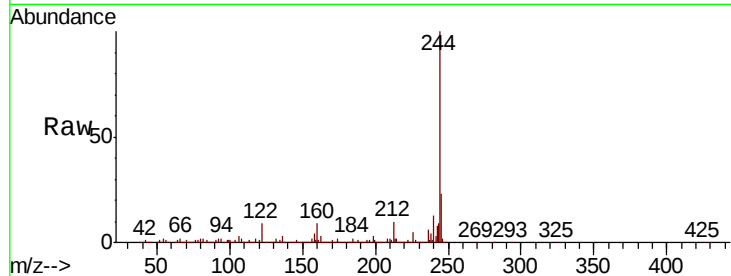
Tot Ion:244 Resp: 1917000

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

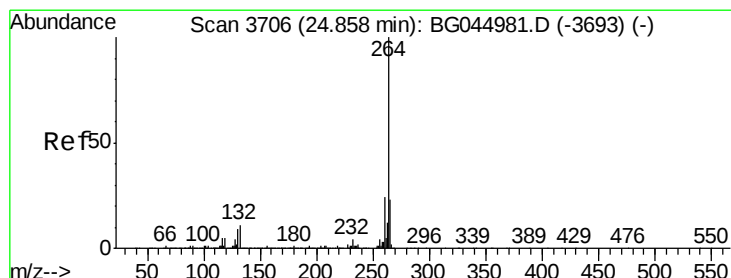
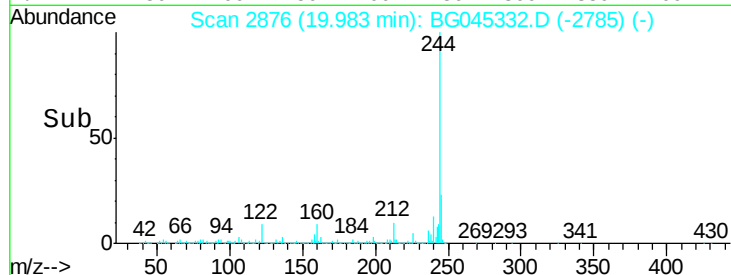
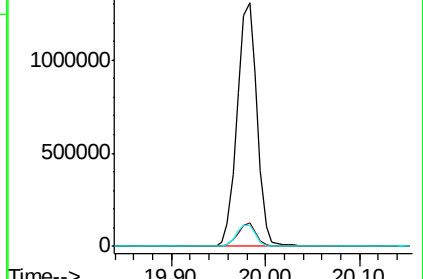
122 8.7 7.7 11.5



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# 3694

Delta R.T. -0.01 min

Lab File: BG045332.D

Acq: 12 May 2020 17:07

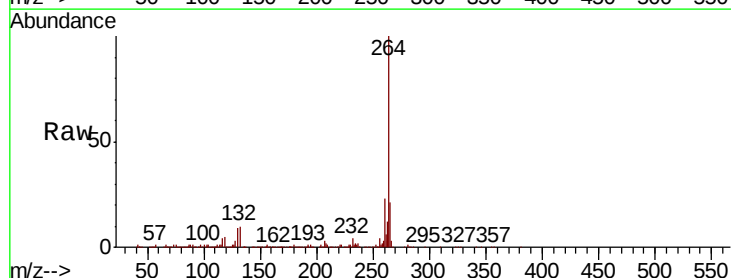
Tgt Ion:264 Resp: 432070

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.0 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

