

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045294.D
 Acq On : 11 May 2020 13:24
 Operator : CG/JU
 Sample : PB128734BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128734BL

Quant Time: May 11 14:01:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59167	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	228858	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	162495	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	390778	20.00	ng	0.00
76) Chrysene-d12	21.63	240	438091	20.00	ng	0.00
87) Perylene-d12	24.80	264	479385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	605904	169.07	ng	0.00
7) Phenol-d6	7.14	99	851898	159.99	ng	0.00
23) Nitrobenzene-d5	9.13	82	580990	115.84	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	430119	171.34	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1316549	118.80	ng	0.00
79) Terphenyl-d14	19.99	244	2529009	125.82	ng	0.00

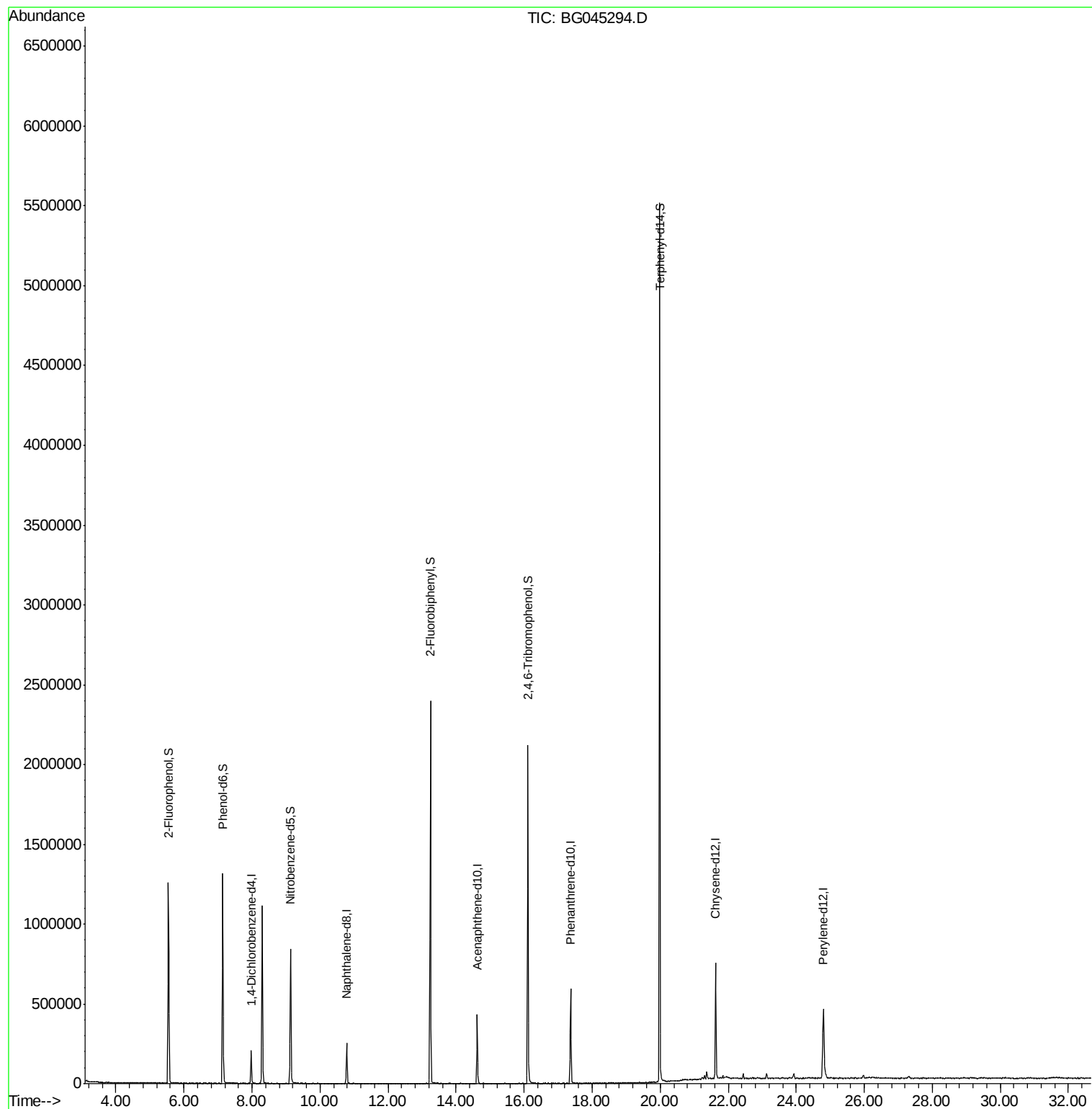
Target Compounds	Qvalue
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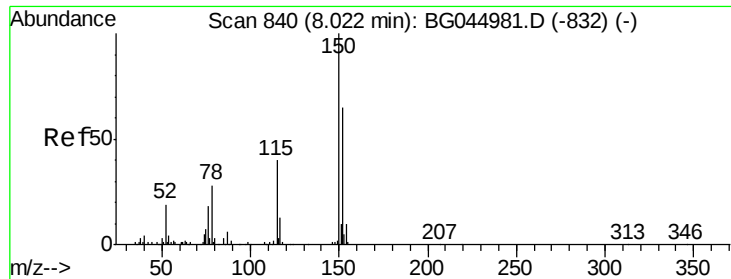
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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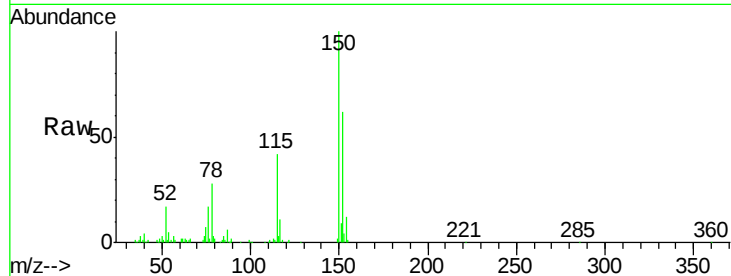


#1

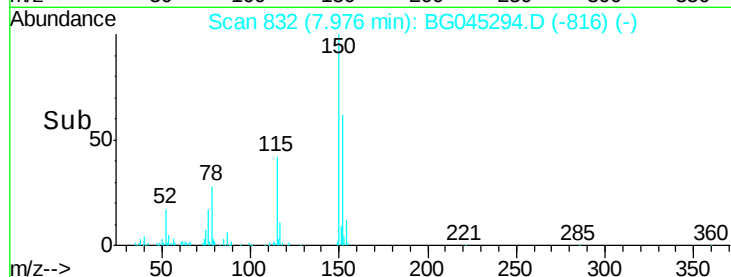
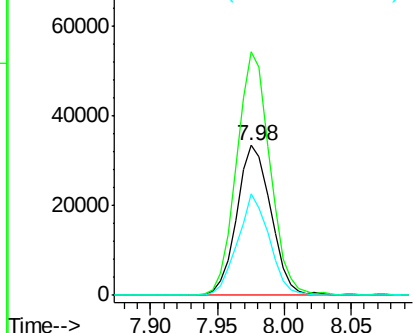
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.6	185.4
115	67.4	49.1	73.7



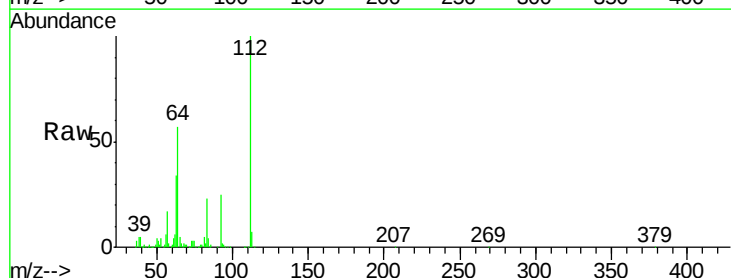
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



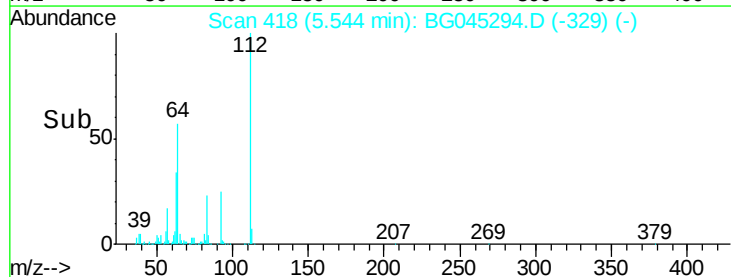
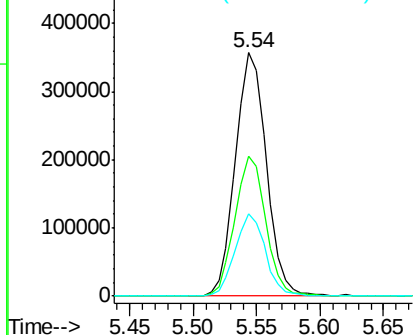
#5

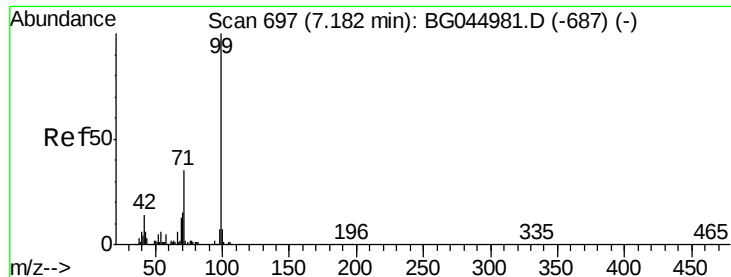
2-Fluorophenol
Concen: 169.07 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	33.7	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: 159.99 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

Instrument :

BNA_G

ClientSampleId :

PB128734BL

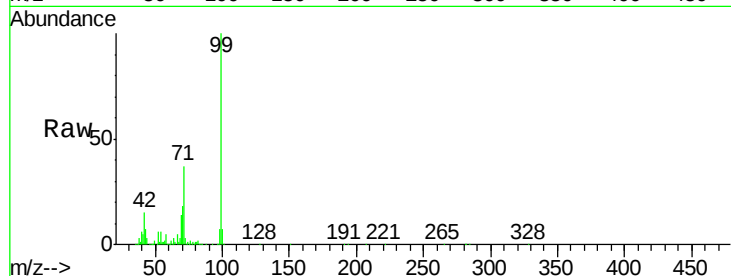
Tgt Ion: 99 Resp: 851898

Ion Ratio Lower Upper

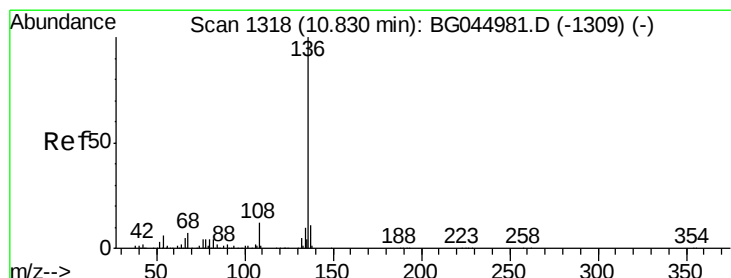
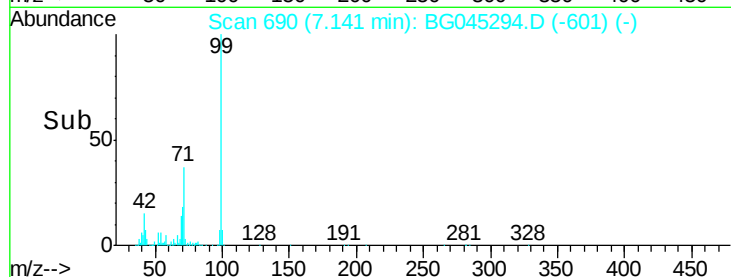
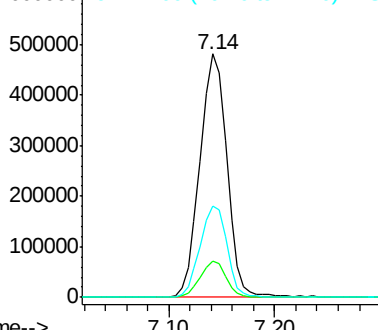
99 100

42 14.8 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: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

Tgt Ion: 136 Resp: 228858

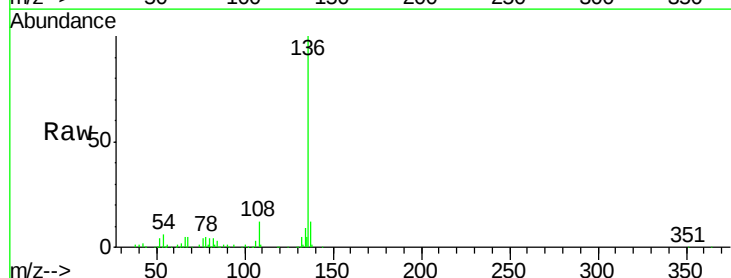
Ion Ratio Lower Upper

136 100

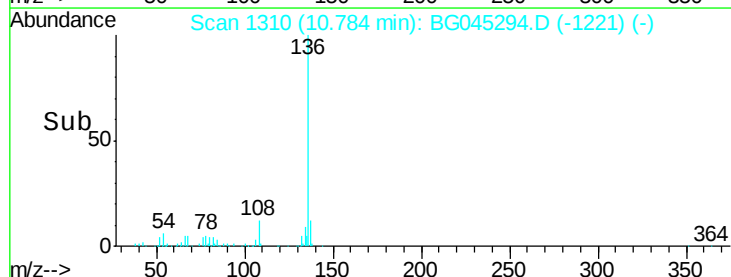
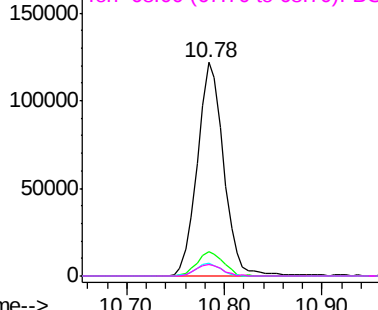
137 11.6 8.6 13.0

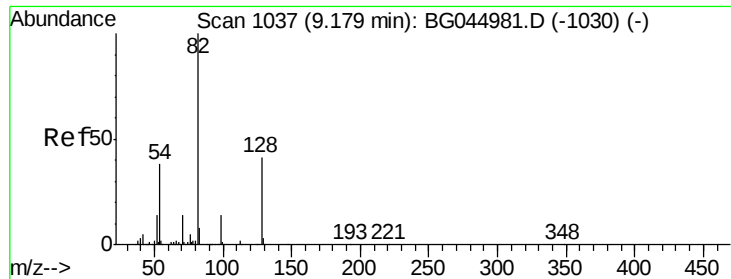
54 6.2 4.8 7.2

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

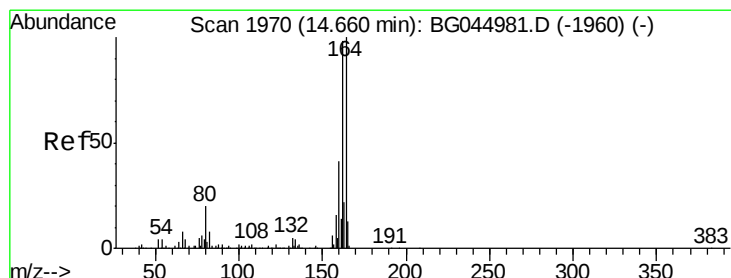
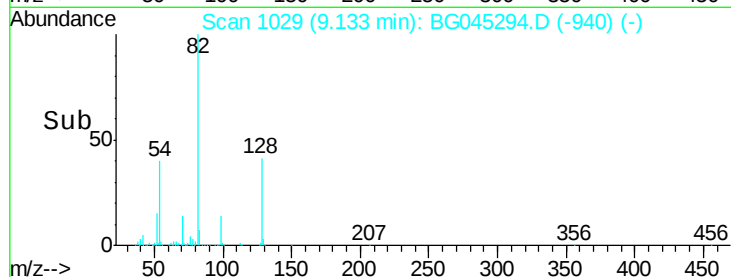
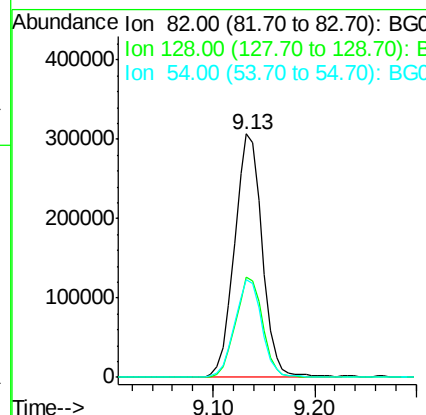
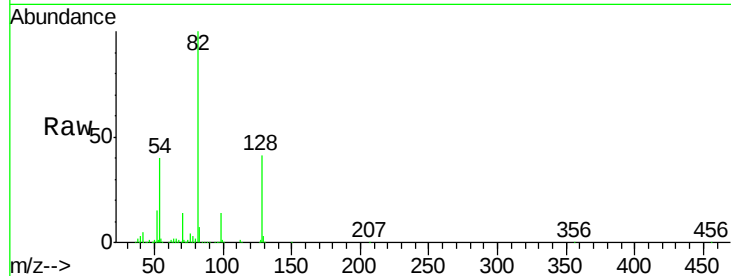




#23
 Nitrobenzene-d5
 Concen: 115.84 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045294.D
 Acq: 11 May 2020 13:24

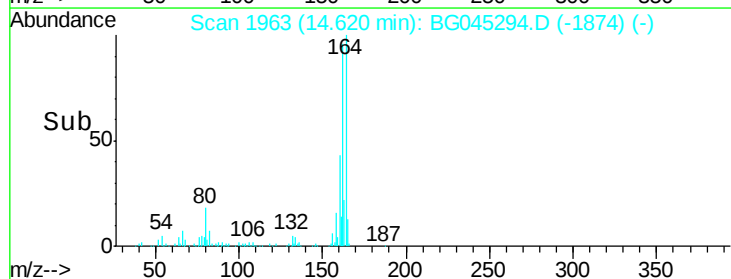
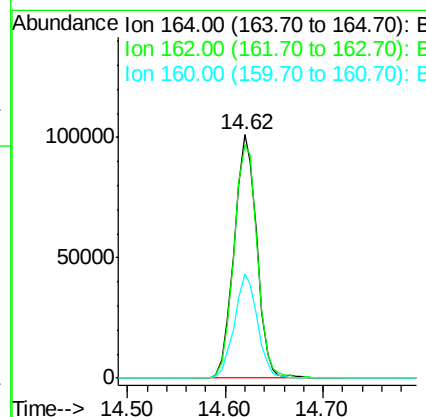
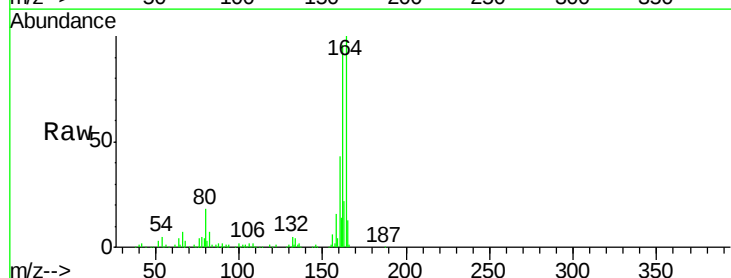
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	40.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG045294.D
 Acq: 11 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	78.7	118.1
160	43.0	32.8	49.2

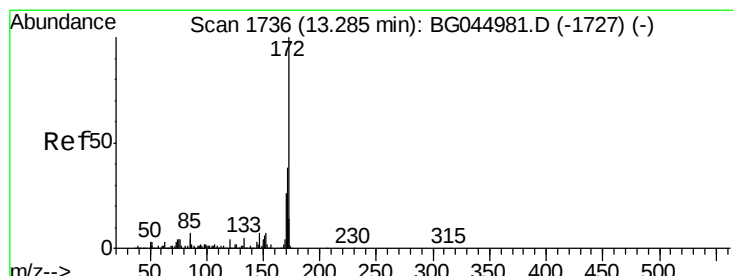
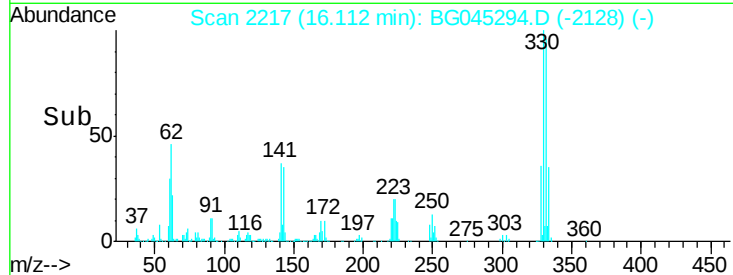
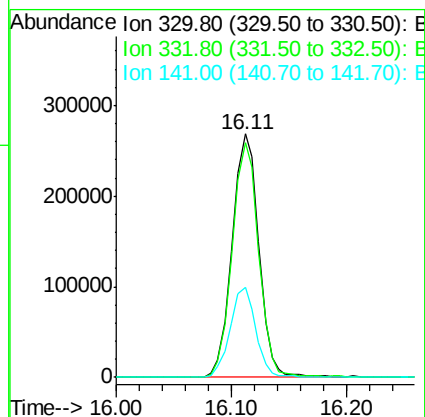
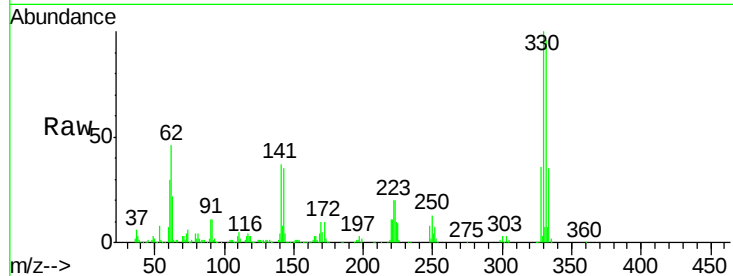




#42
 2,4,6-Tribromophenol
 Concen: 171.34 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045294.D
 Acq: 11 May 2020 13:24

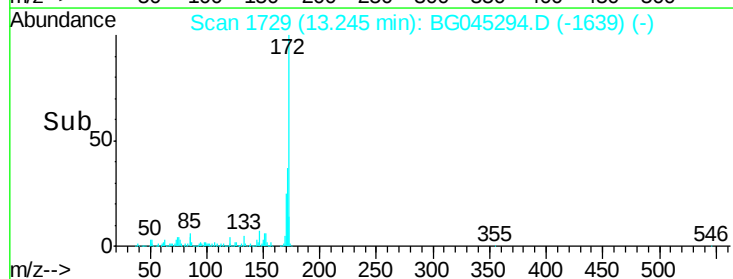
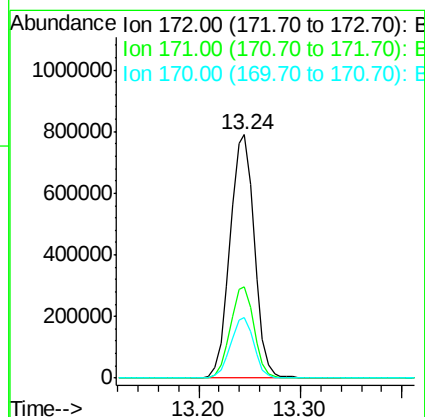
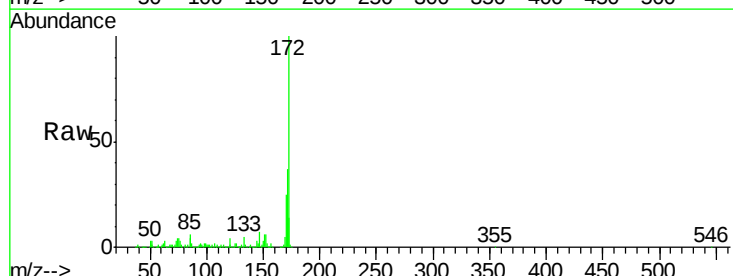
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BL

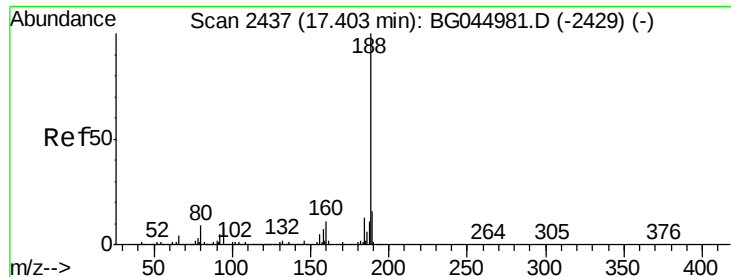
Tgt Ion:330 Resp: 430119
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.1 118.7
 141 35.5 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 118.80 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045294.D
 Acq: 11 May 2020 13:24

Tgt Ion:172 Resp: 1316549
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.6 46.0
 170 24.8 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

Instrument :

BNA_G

ClientSampleId :

PB128734BL

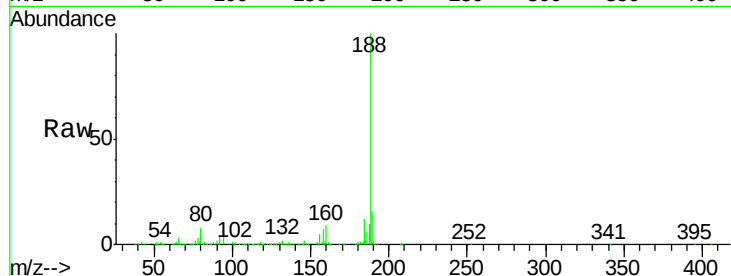
Tgt Ion:188 Resp: 390778

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

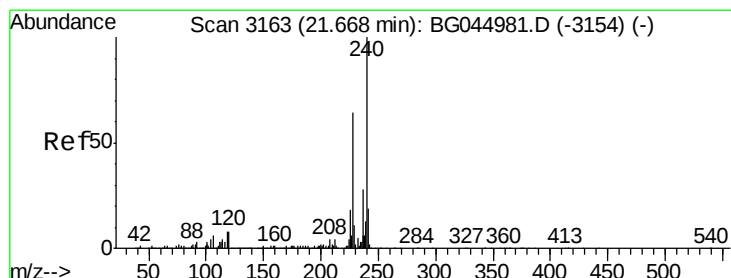
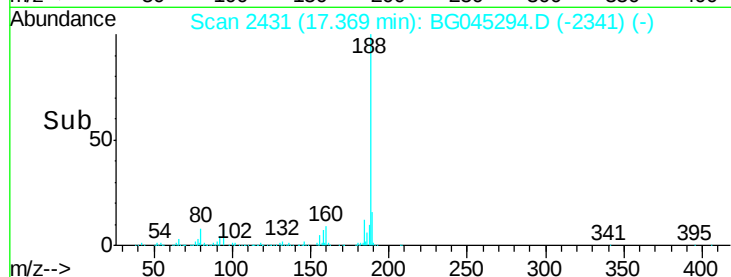
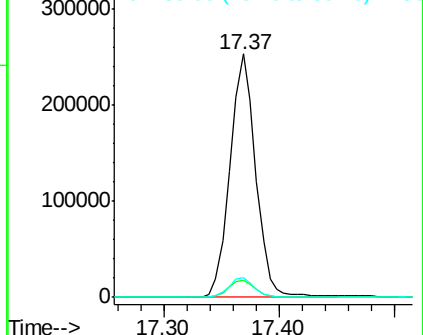
80 8.1 7.0 10.6



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: 20.00 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

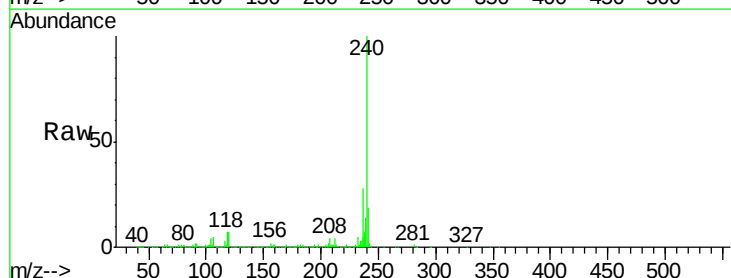
Tgt Ion:240 Resp: 438091

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

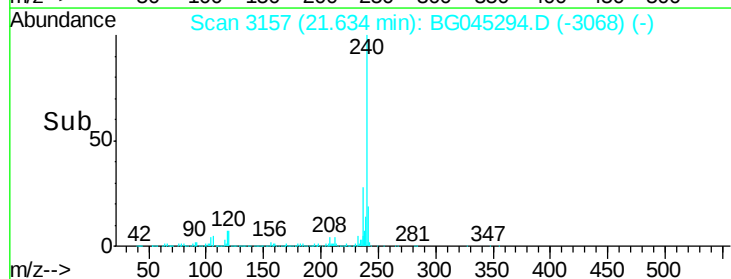
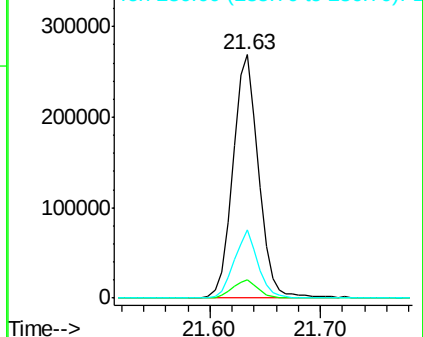
236 28.2 22.2 33.2

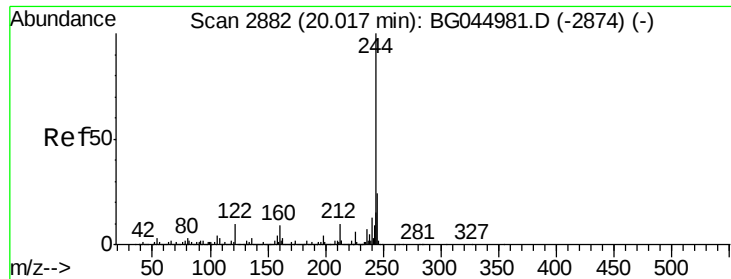


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 125.82 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

Instrument :

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PB128734BL

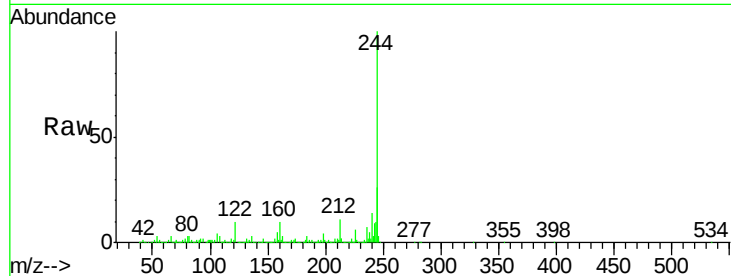
Tgt Ion:244 Resp: 2529009

Ion Ratio Lower Upper

244 100

212 11.0 7.9 11.9

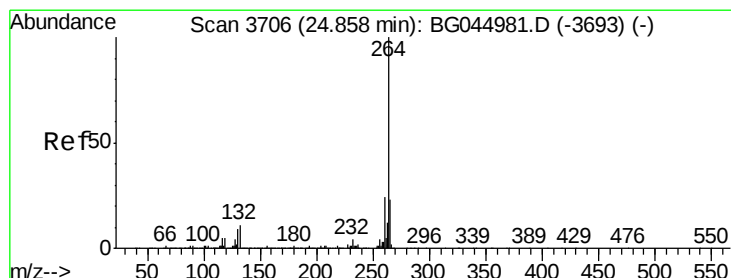
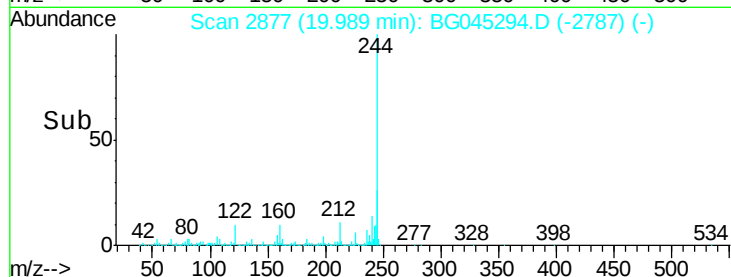
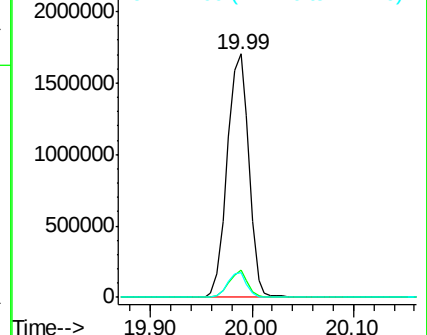
122 10.1 7.7 11.5



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: 20.00 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG045294.D

Acq: 11 May 2020 13:24

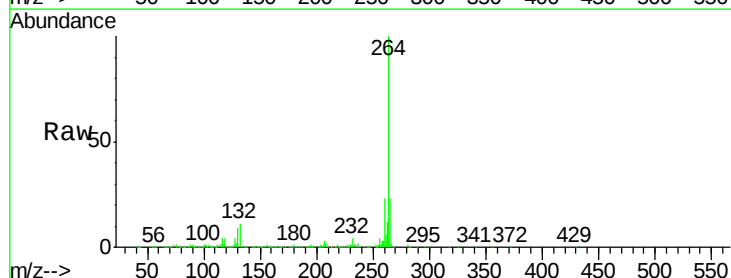
Tgt Ion:264 Resp: 479385

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 23.0 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

