

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044692.D
 Acq On : 6 Mar 2020 11:19
 Operator : CG/JU
 Sample : PB127132BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127132BL

Quant Time: Mar 09 10:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68514	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	286793	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	201531	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	483882	20.00	ng	0.00
76) Chrysene-d12	21.71	240	512547	20.00	ng	0.00
87) Perylene-d12	24.94	264	530104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	580767	127.30	ng	0.00
7) Phenol-d6	7.21	99	826353	119.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	529602	84.08	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	320310	115.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1125075	77.77	ng	0.00
79) Terphenyl-d14	20.06	244	2058021	71.67	ng	0.00

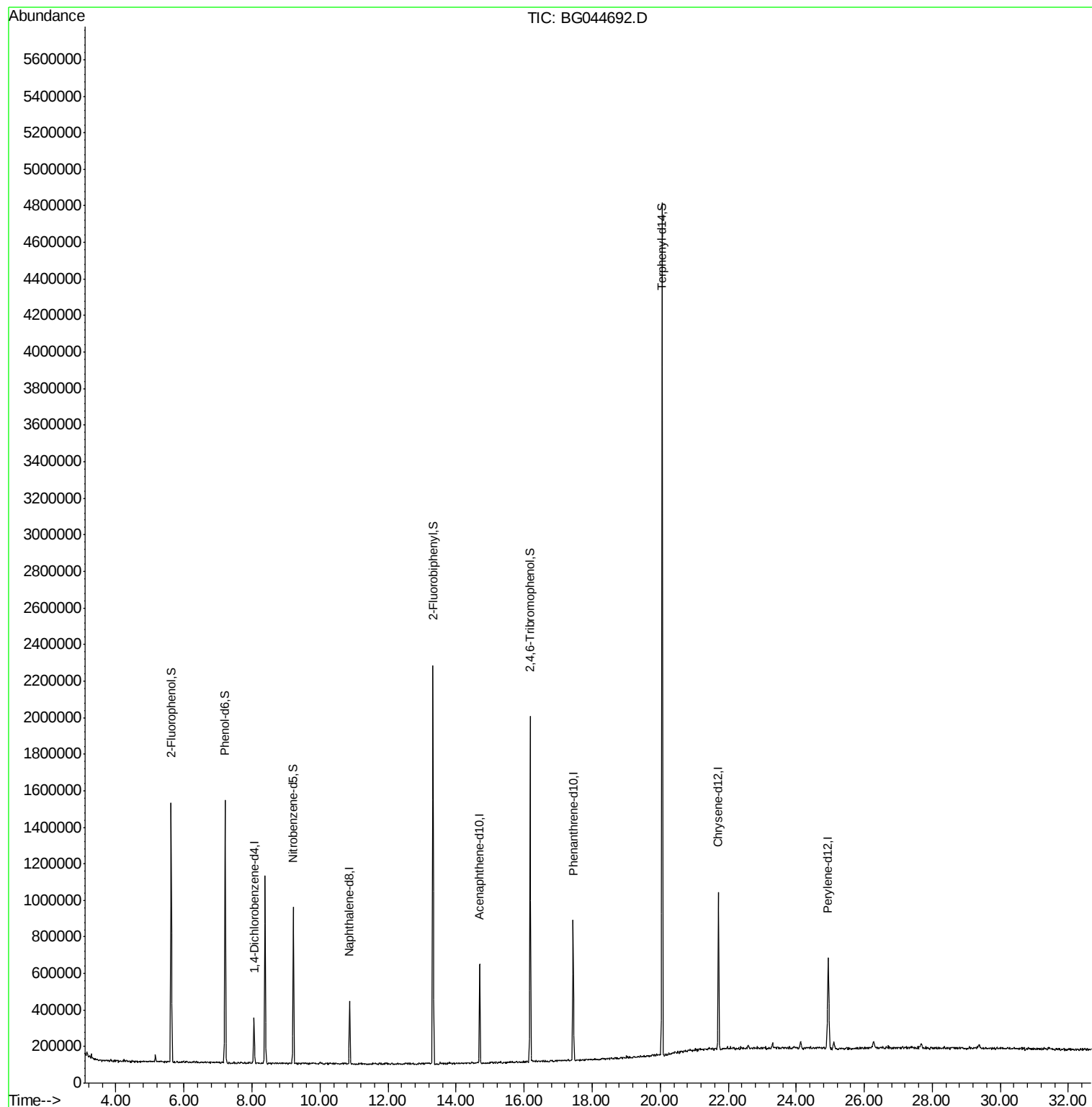
Target Compounds Qvalue

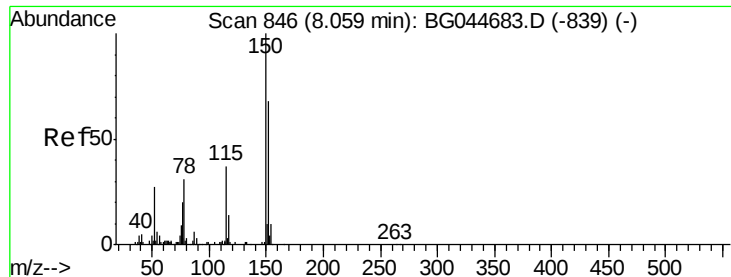
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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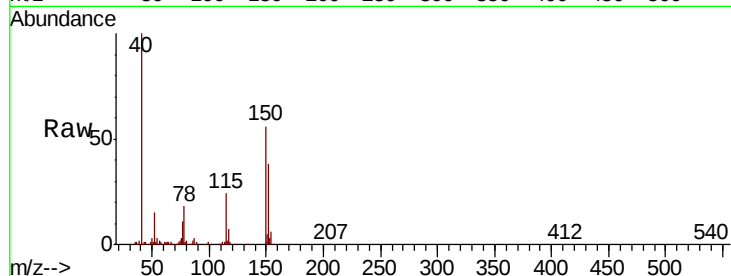


#1

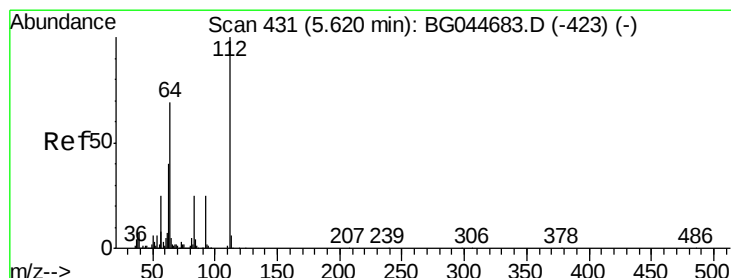
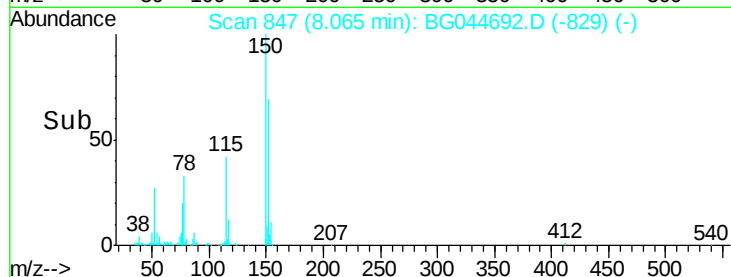
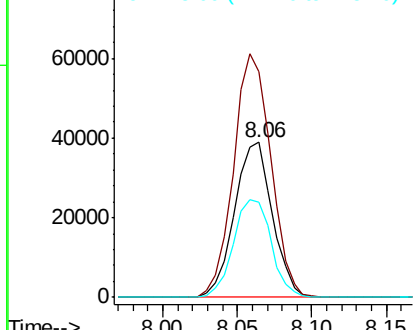
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG044692.D
Acq: 6 Mar 2020 11:19

Instrument :
BNA_G
ClientSampleId :
PB127132BL

Tot Ion:152 Resp: 68514
Ion Ratio Lower Upper
152 100
150 145.7 118.6 177.8
115 61.6 43.6 65.4



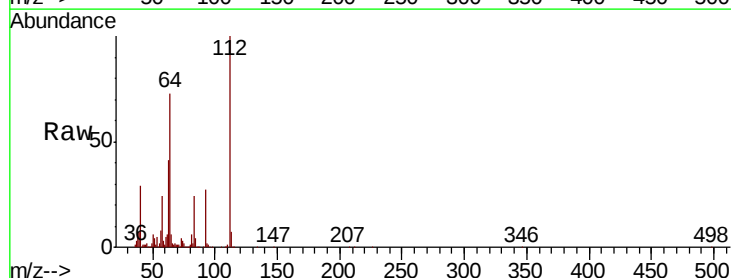
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



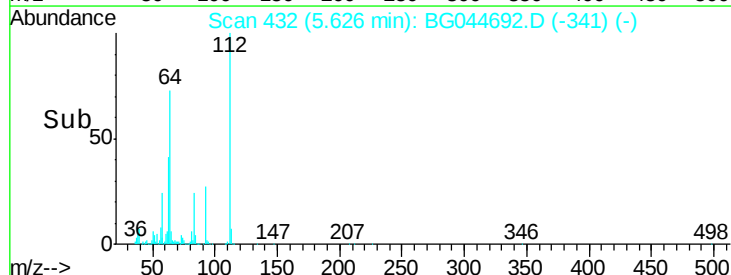
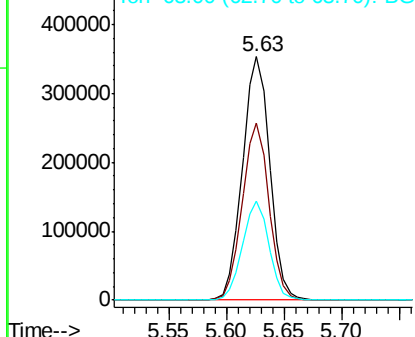
#5

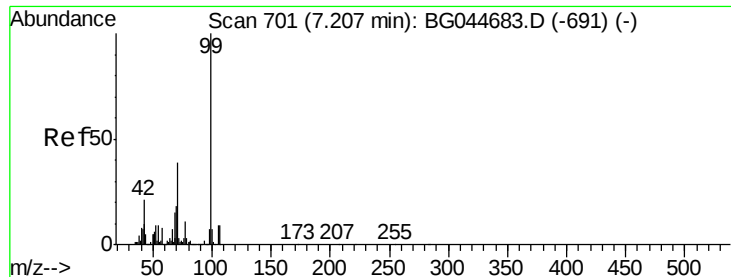
2-Fluorophenol
Concen: 127.305 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044692.D
Acq: 6 Mar 2020 11:19

Tgt Ion:112 Resp: 580767
Ion Ratio Lower Upper
112 100
64 72.7 55.4 83.0
63 40.5 32.1 48.1



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





#7

Phenol-d6

Concen: 119.836 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

Instrument :

BNA_G

ClientSampleId :

PB127132BL

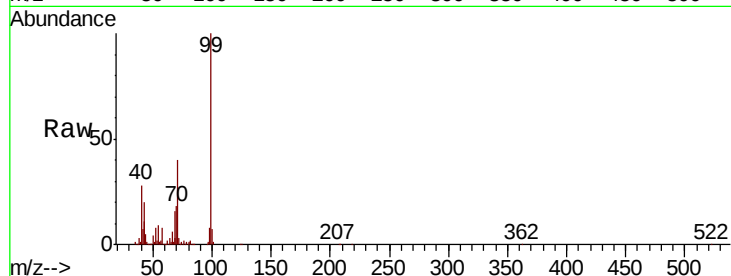
Tot Ion: 99 Resp: 826353

Ion Ratio Lower Upper

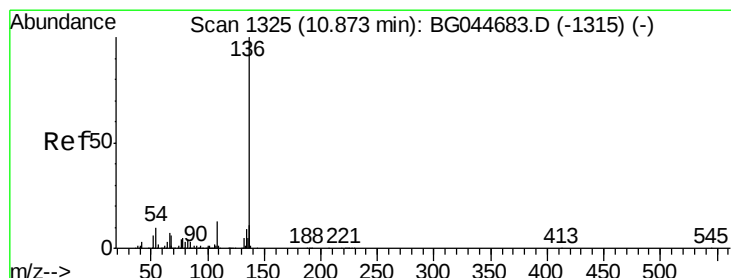
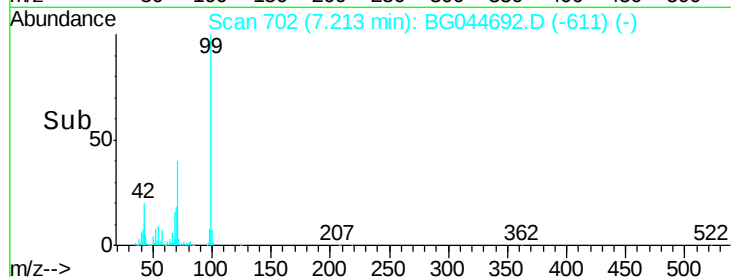
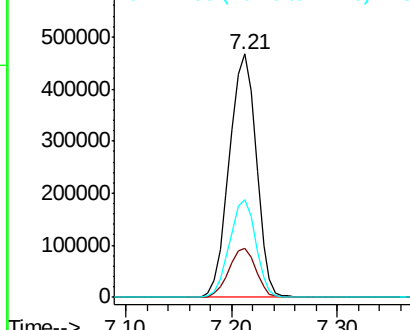
99 100

42 19.9 16.5 24.7

71 40.3 30.9 46.3



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

Tgt Ion: 136 Resp: 286793

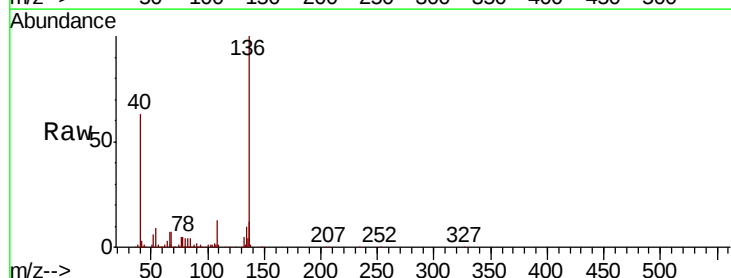
Ion Ratio Lower Upper

136 100

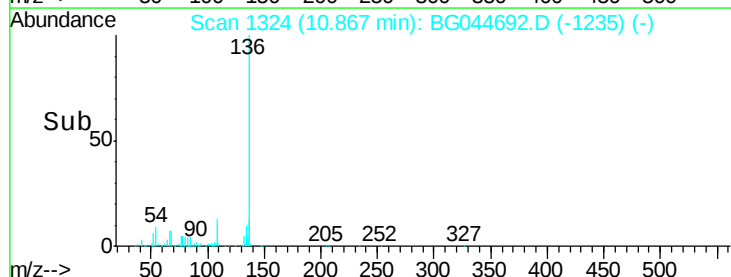
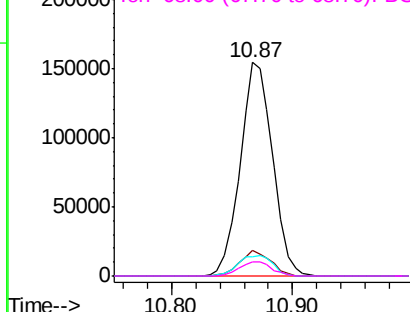
137 11.8 8.6 12.8

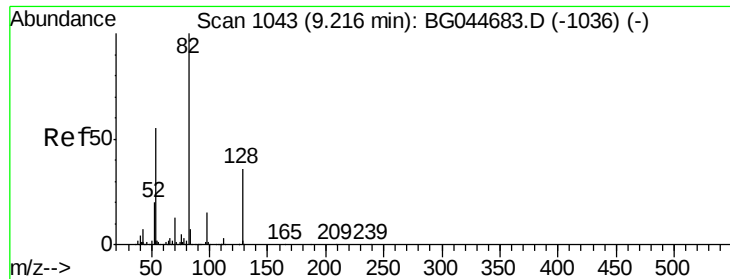
54 9.3 8.2 12.4

68 6.8 5.3 7.9



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

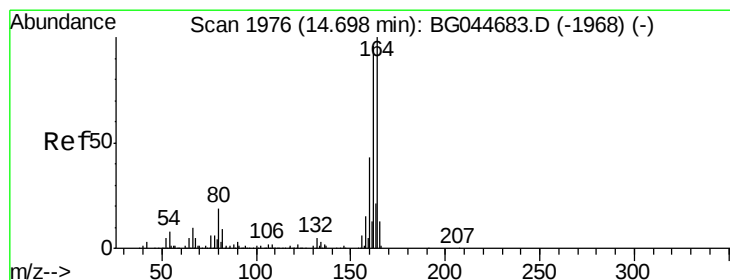
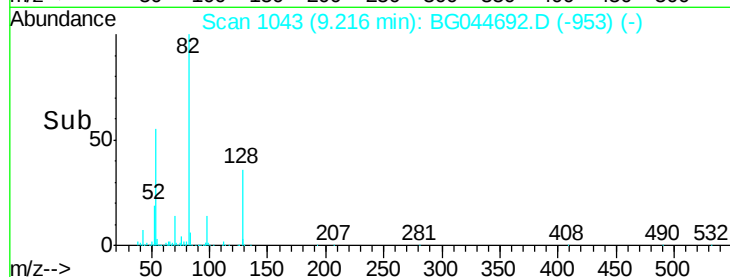
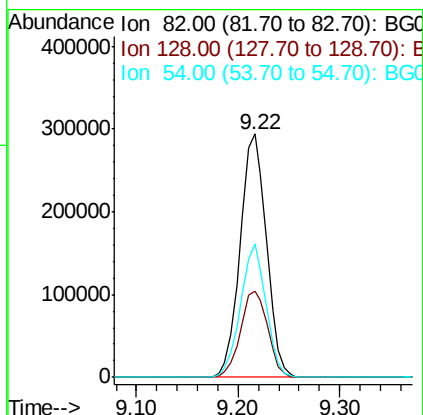
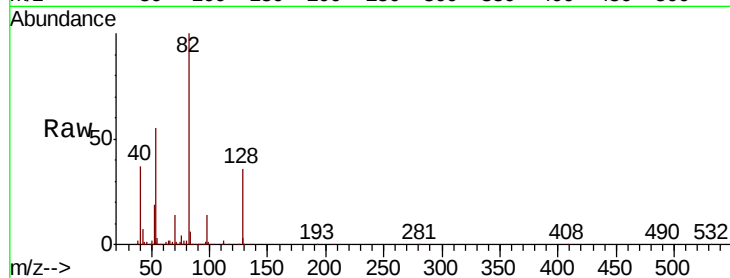




#23
Nitrobenzene-d5
Concen: 84.079 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG044692.D
Acq: 6 Mar 2020 11:19

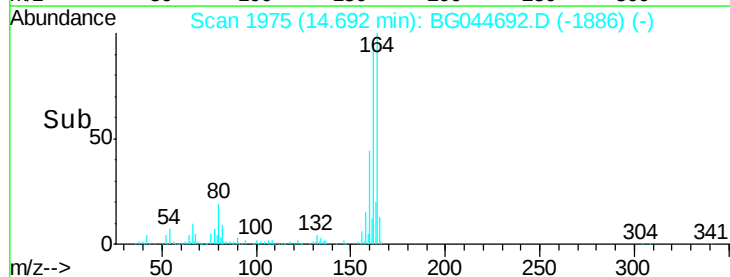
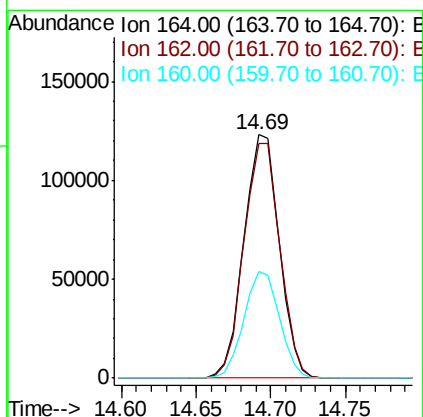
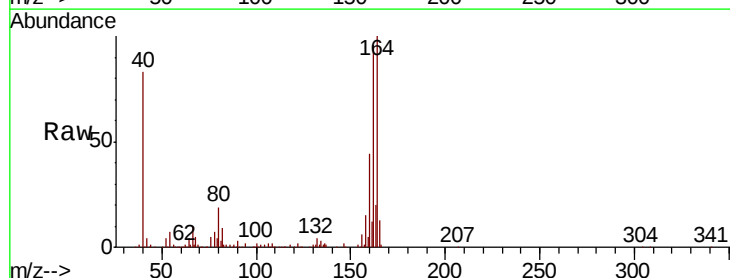
Instrument :
BNA_G
ClientSampleId :
PB127132BL

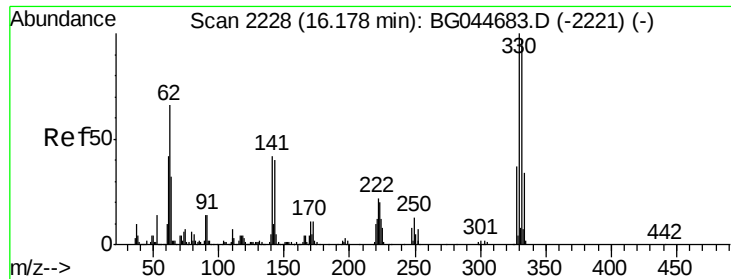
Tot Ion: 82 Resp: 529602
Ion Ratio Lower Upper
82 100
128 35.6 28.5 42.7
54 54.8 43.6 65.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG044692.D
Acq: 6 Mar 2020 11:19

Tgt Ion: 164 Resp: 201531
Ion Ratio Lower Upper
164 100
162 96.2 76.5 114.7
160 43.7 34.8 52.2

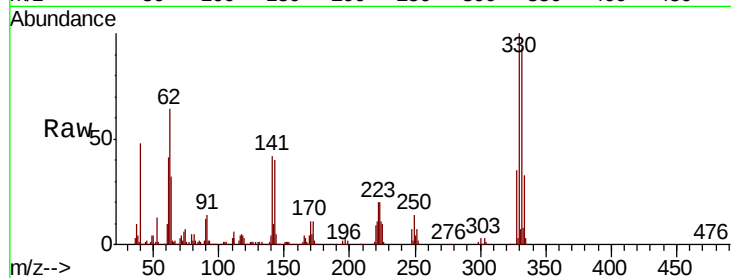




#42
 2,4,6-Tribromophenol
 Concen: 115.704 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG044692.D
 Acq: 6 Mar 2020 11:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127132BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	41.4	32.4	48.6

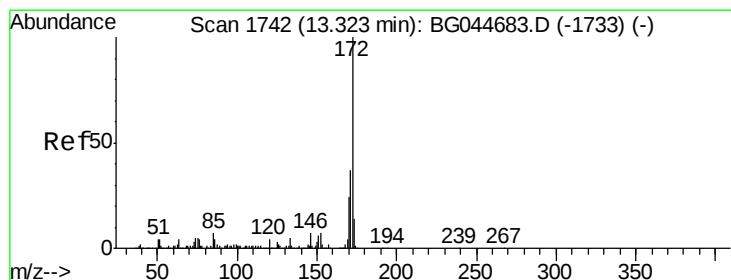
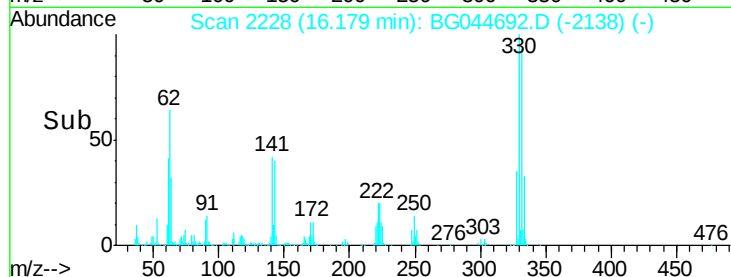
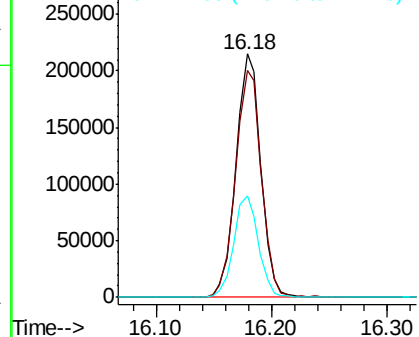


Abundance

Ion 329.80 (329.50 to 330.50): E

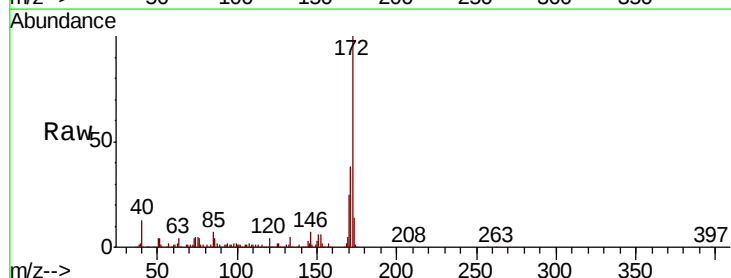
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.767 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044692.D
 Acq: 6 Mar 2020 11:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.8
170	25.1	19.3	28.9

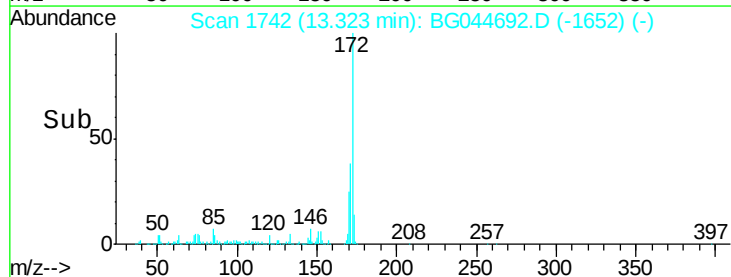
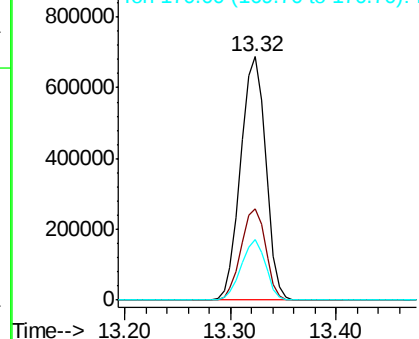


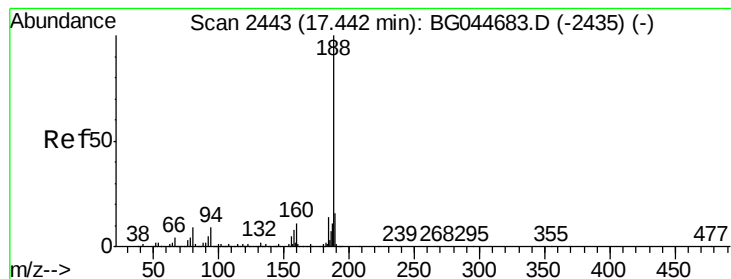
Abundance

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

Instrument :

BNA_G

ClientSampleId :

PB127132BL

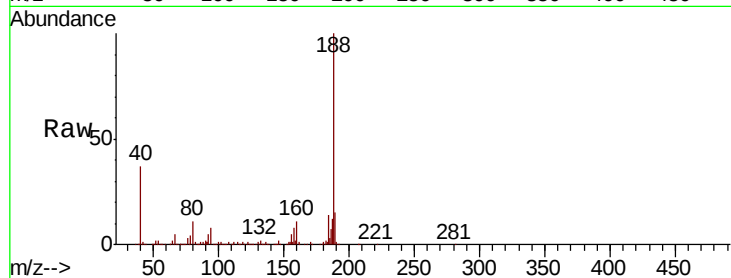
Tot Ion:188 Resp: 483882

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

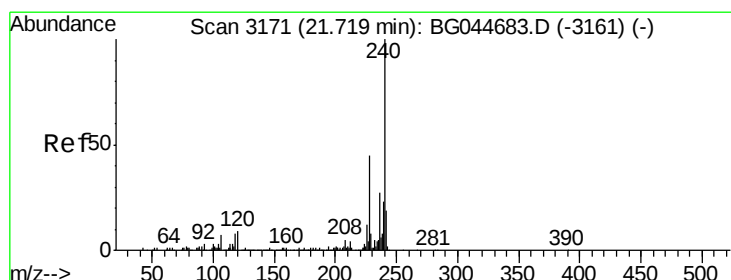
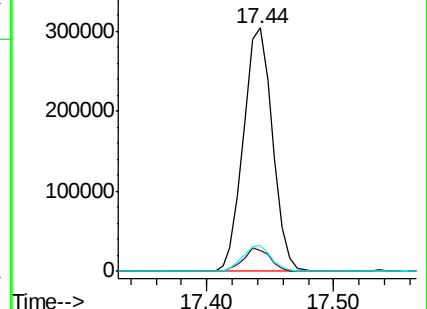
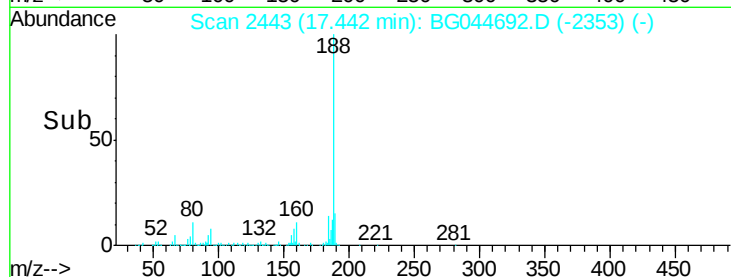
80 10.7 7.3 10.9



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: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

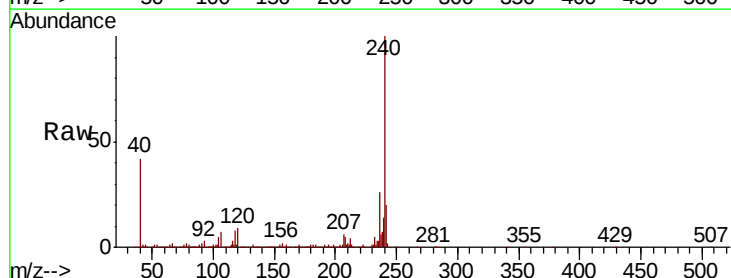
Tgt Ion:240 Resp: 512547

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

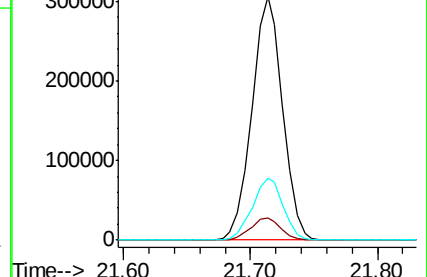
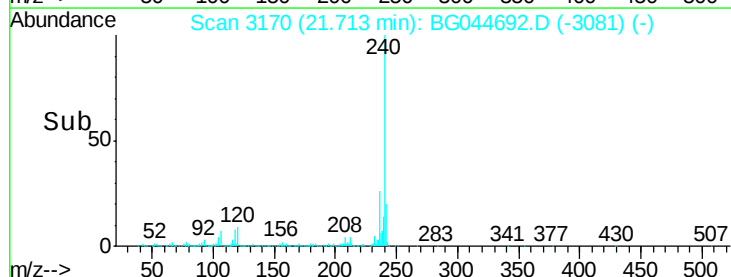
236 25.6 21.5 32.3

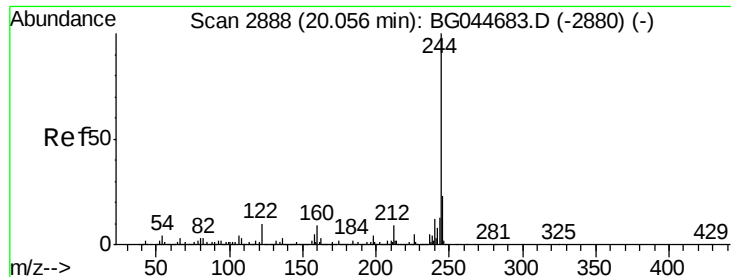


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.674 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

Instrument :

BNA_G

ClientSampleId :

PB127132BL

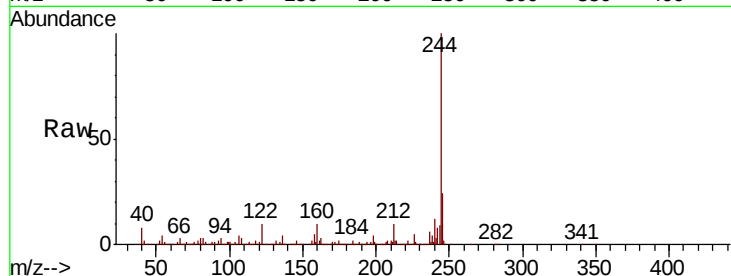
Tot Ion:244 Resp: 2058021

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

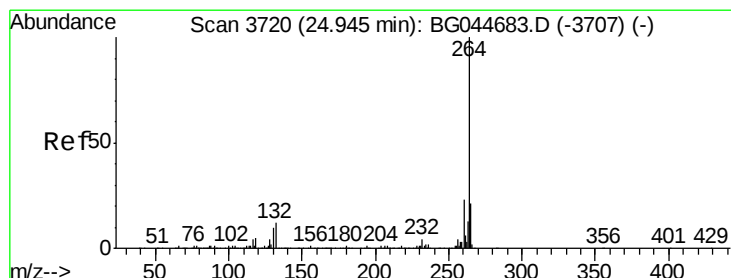
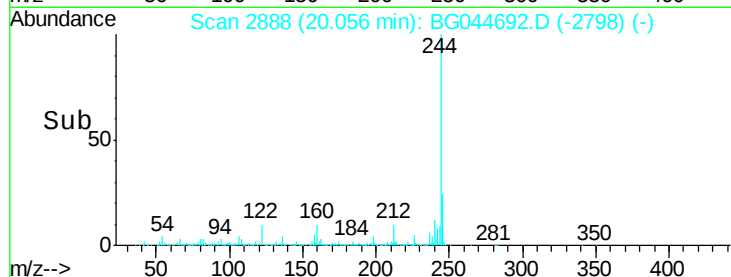
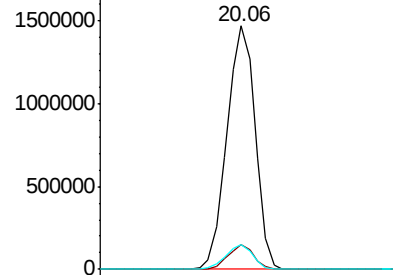
122 10.2 7.7 11.5



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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG044692.D

Acq: 6 Mar 2020 11:19

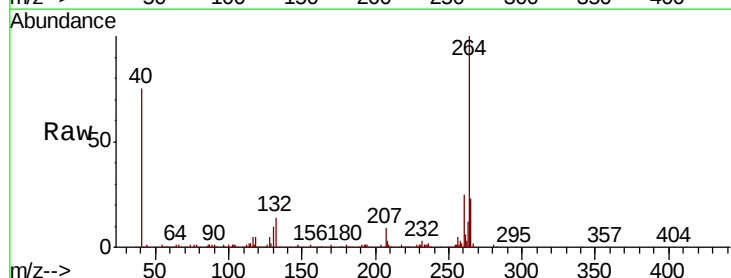
Tgt Ion:264 Resp: 530104

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 22.8 16.9 25.3



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

