

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042941.D
 Acq On : 30 Sep 2019 13:41
 Operator : JU
 Sample : PB123461BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BL

Quant Time: Sep 30 14:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66988	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	244432	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	177019	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	432672	20.00	ng	0.00
76) Chrysene-d12	21.70	240	497853	20.00	ng	-0.02
87) Perylene-d12	24.93	264	547037	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	540161	143.90	ng	0.00
7) Phenol-d6	7.24	99	776216	143.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	488060	97.05	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	427964	140.59	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1211719	99.23	ng	0.00
79) Terphenyl-d14	20.04	244	2378608	101.81	ng	0.00

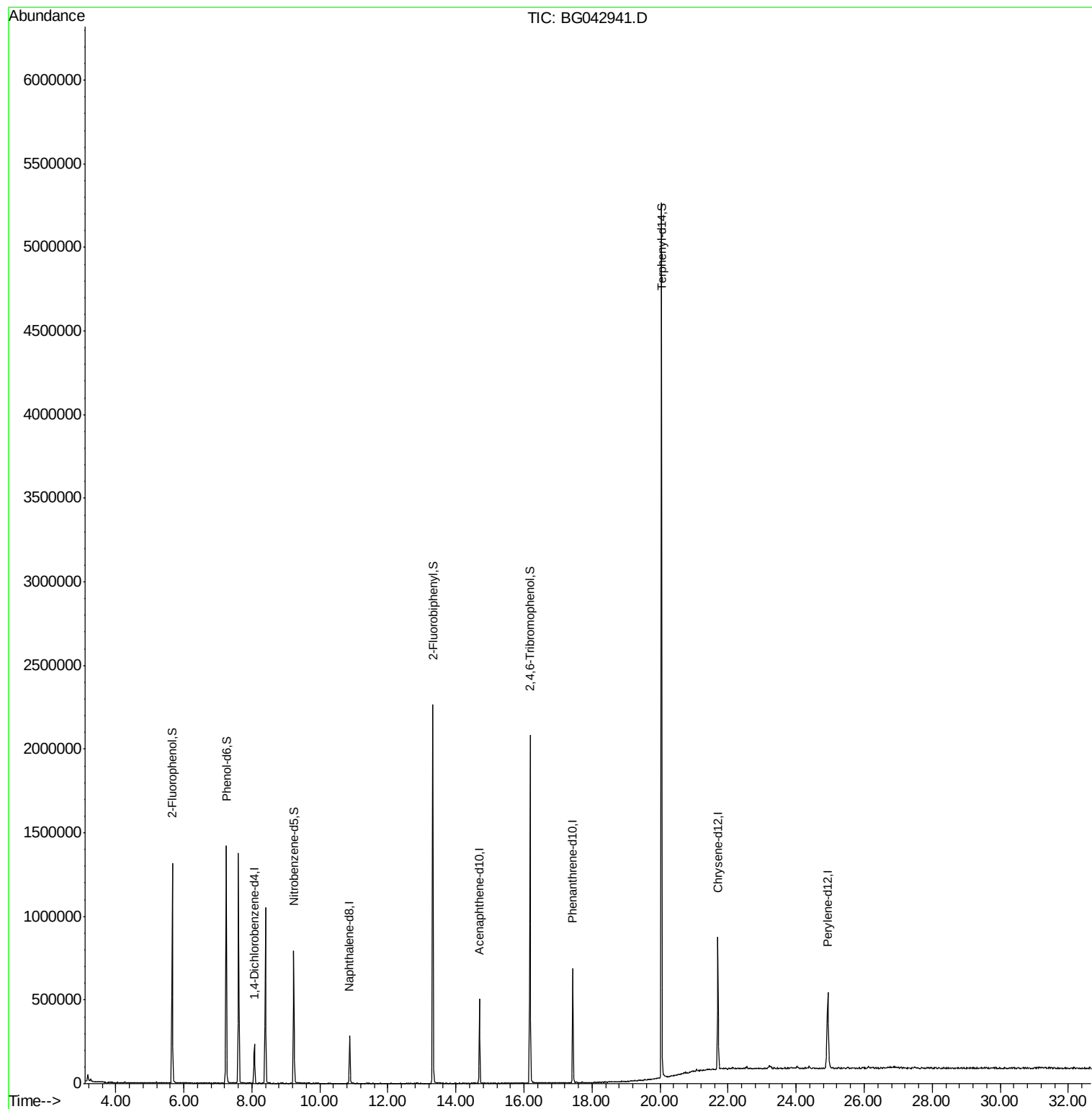
Target Compounds Qvalue

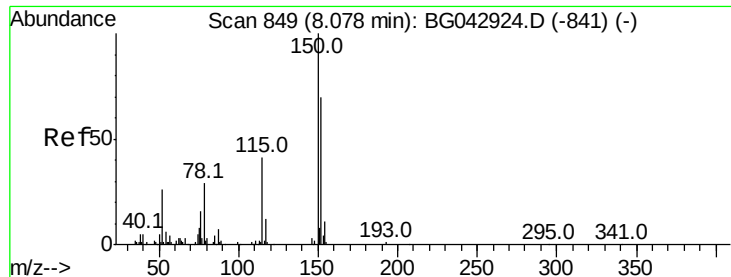
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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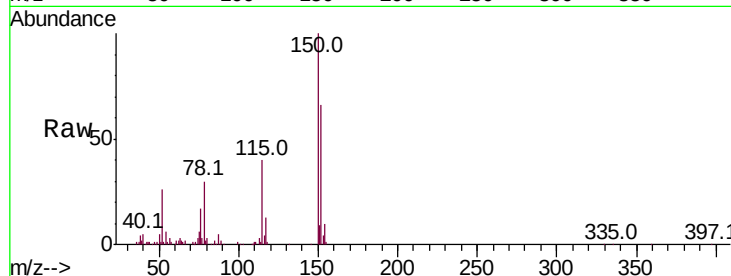


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG042941.D
 Acq: 30 Sep 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	115.0	172.4
115	60.6	47.0	70.6

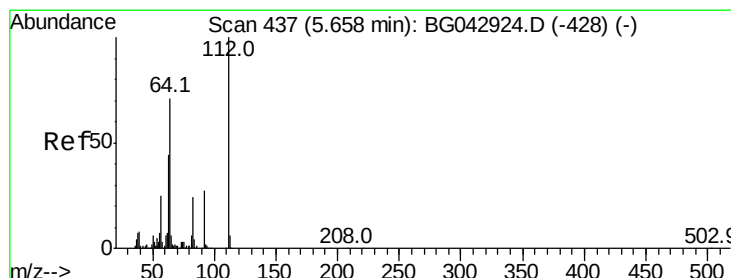
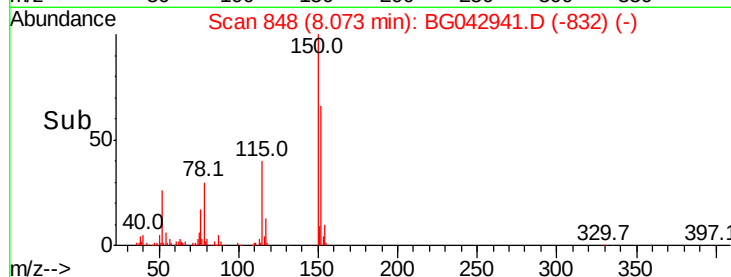
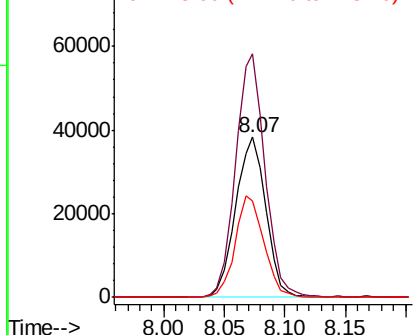


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

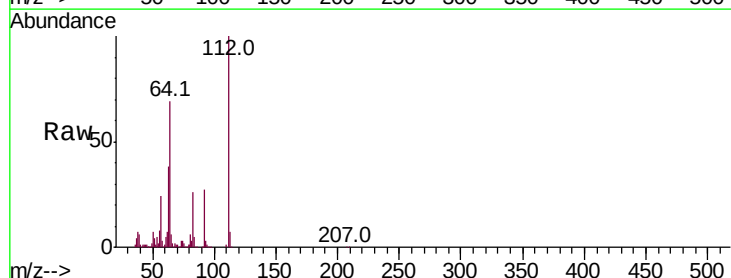
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 143.904 ng
 RT: 5.66 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BG042941.D
 Acq: 30 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.6	84.8
63	37.7	35.1	52.7

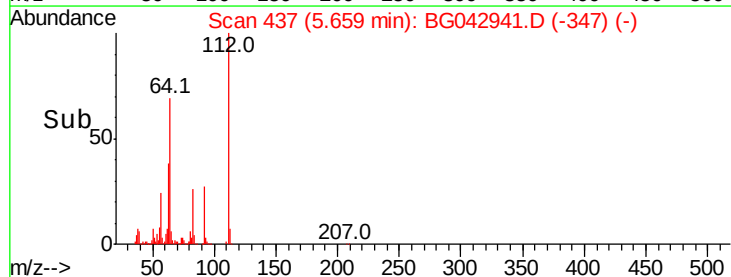
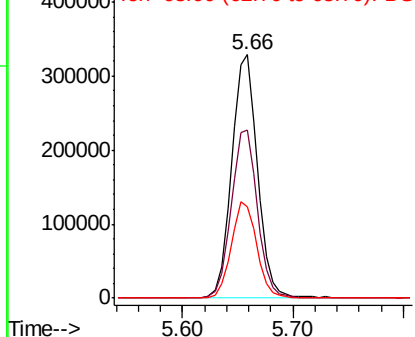


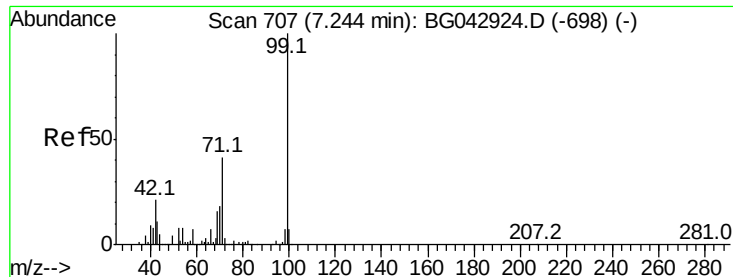
Abundance

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: 143.599 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

Instrument :

BNA_G

ClientSampleId :

PB123461BL

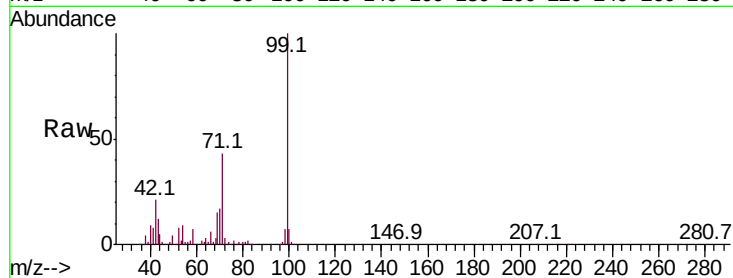
Tot Ion: 99 Resp: 776216

Ion Ratio Lower Upper

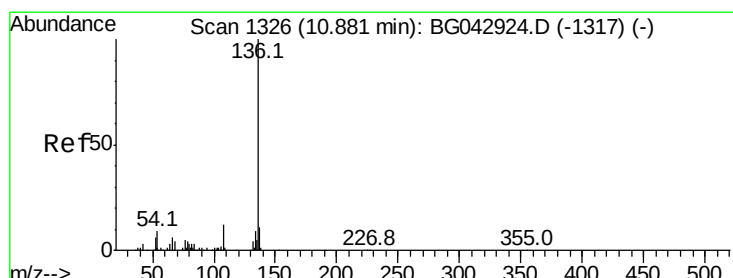
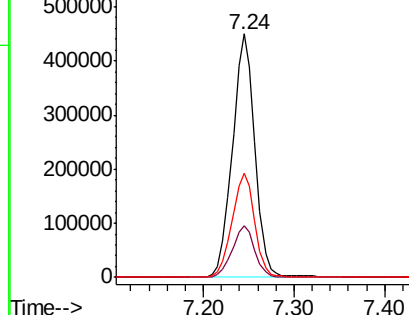
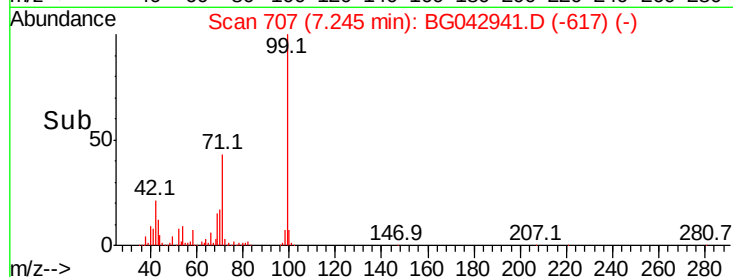
99 100

42 21.4 17.2 25.8

71 42.9 33.1 49.7



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: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

Tgt Ion: 136 Resp: 244432

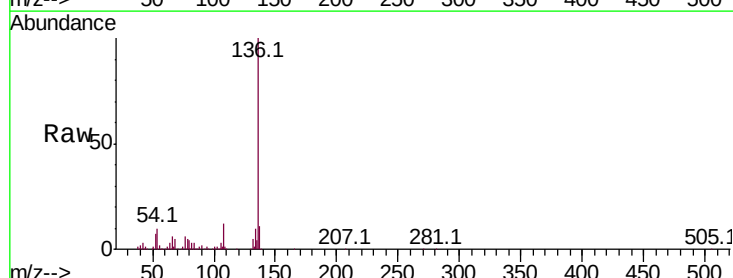
Ion Ratio Lower Upper

136 100

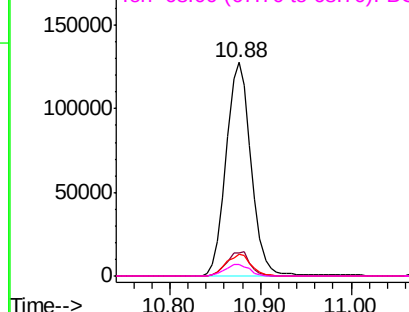
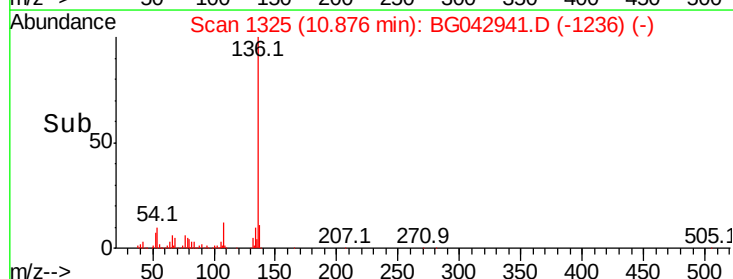
137 10.8 8.5 12.7

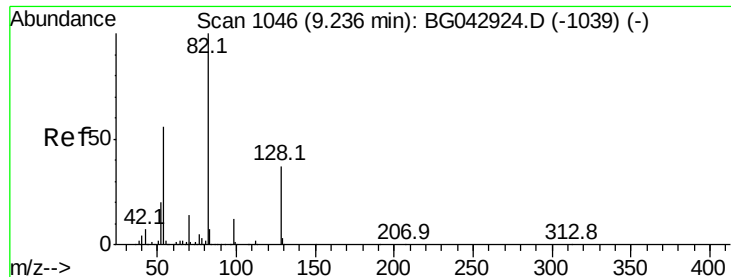
54 10.0 7.4 11.2

68 5.2 3.6 5.4



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

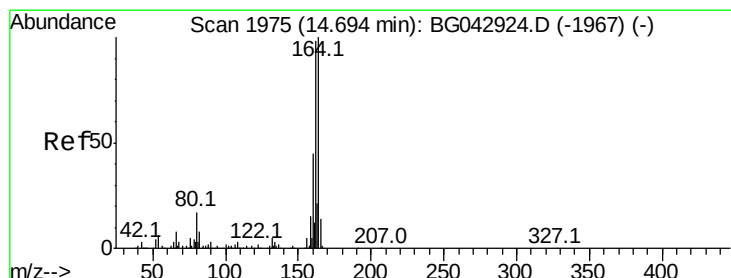
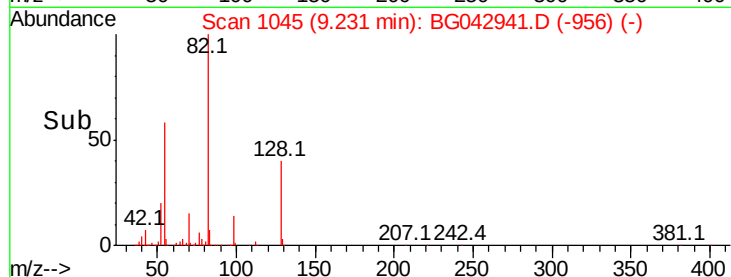
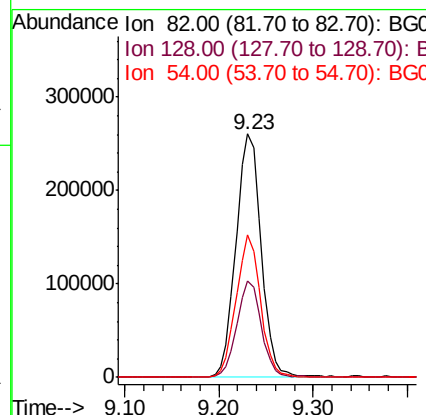
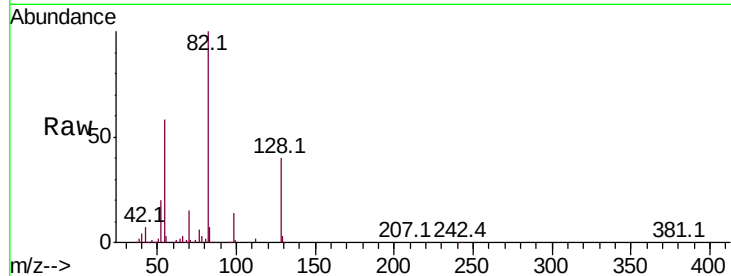




#23
Nitrobenzene-d5
Concen: 97.050 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG042941.D
Acq: 30 Sep 2019 13:41

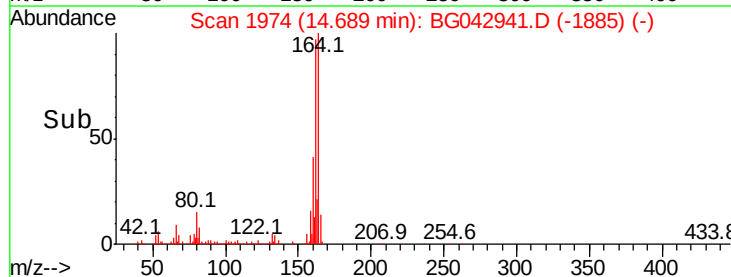
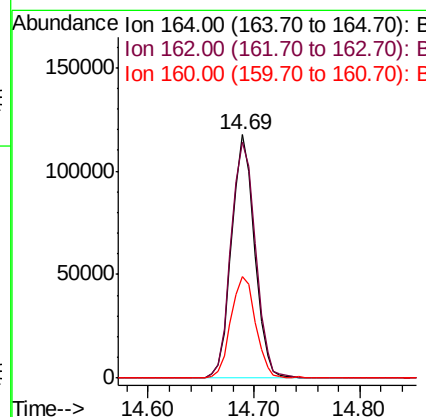
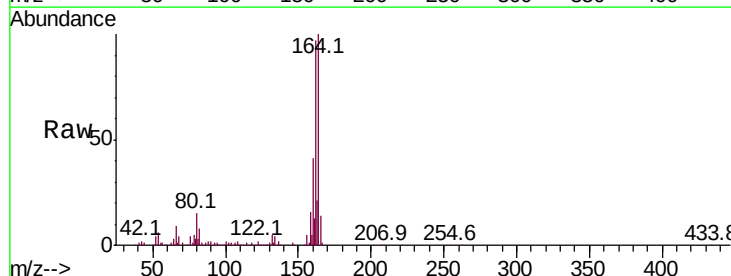
Instrument :
BNA_G
ClientSampleId :
PB123461BL

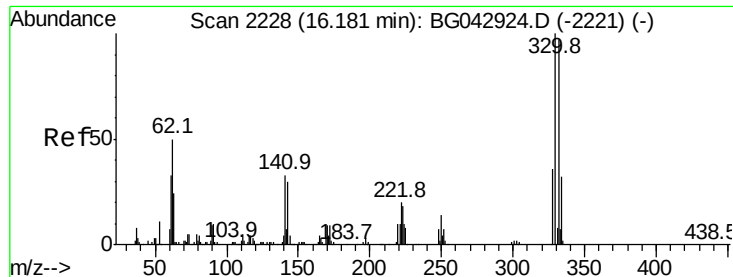
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.5	44.3
54	58.3	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042941.D
Acq: 30 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.5	117.7
160	41.5	35.9	53.9

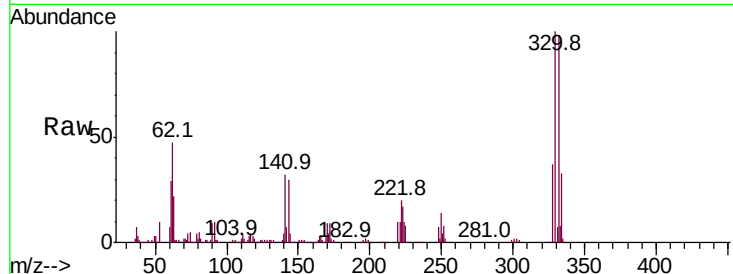




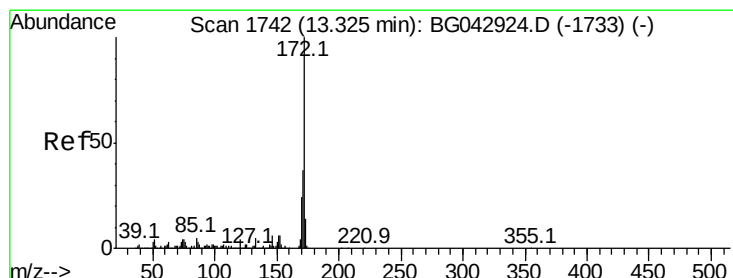
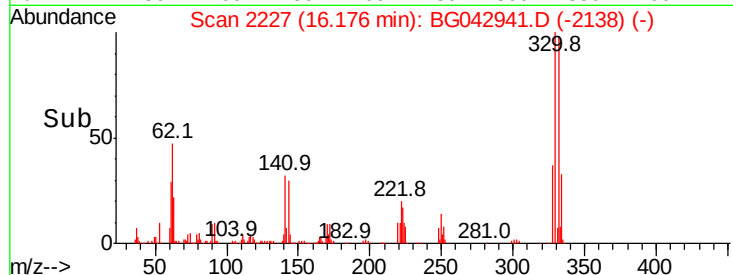
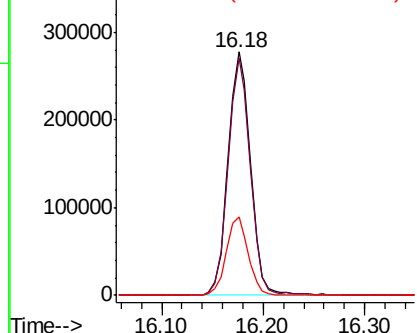
#42
 2,4,6-Tribromophenol
 Concen: 140.595 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG042941.D
 Acq: 30 Sep 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	31.5	26.0	39.0

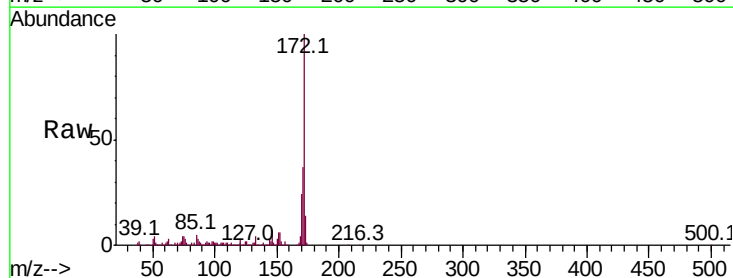


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

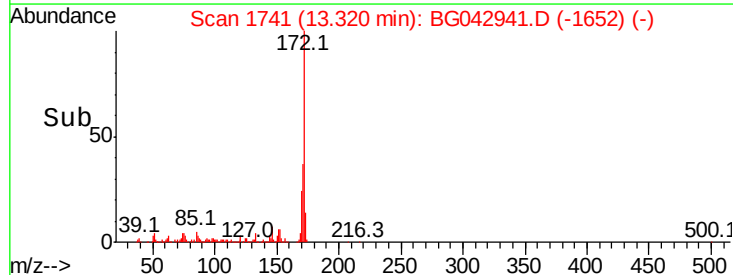
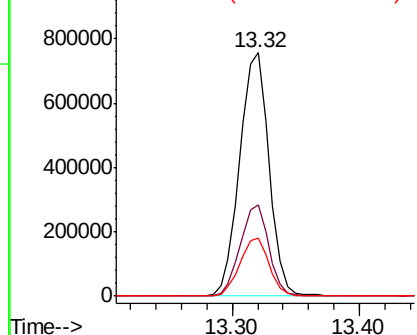


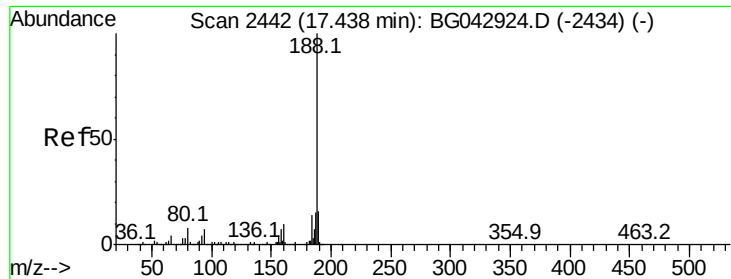
#45
 2-Fluorobiphenyl
 Concen: 99.234 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG042941.D
 Acq: 30 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.8	19.6	29.4



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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

Instrument :

BNA_G

ClientSampleId :

PB123461BL

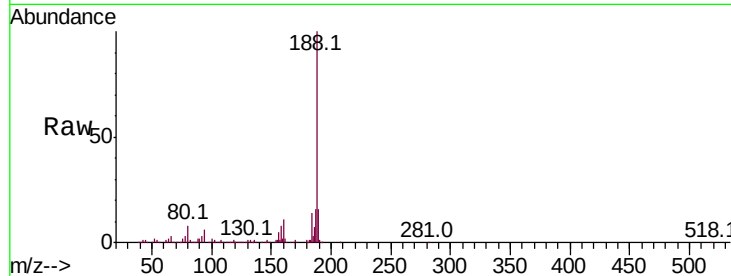
Tot Ion:188 Resp: 432672

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5

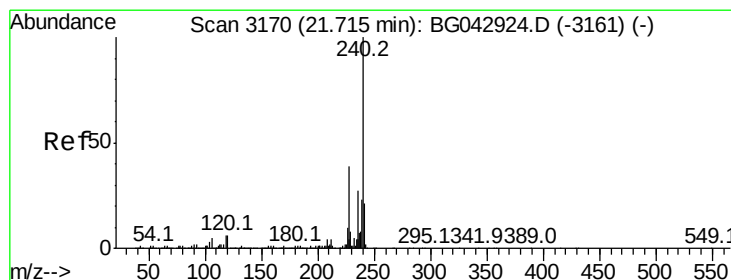
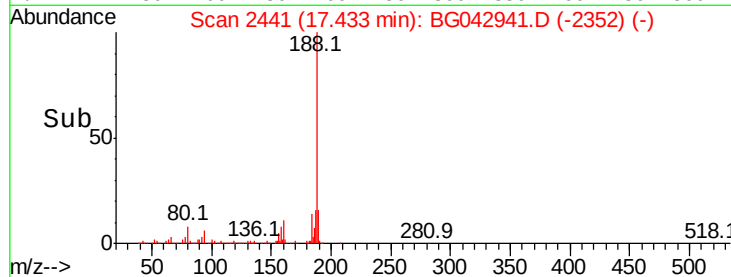
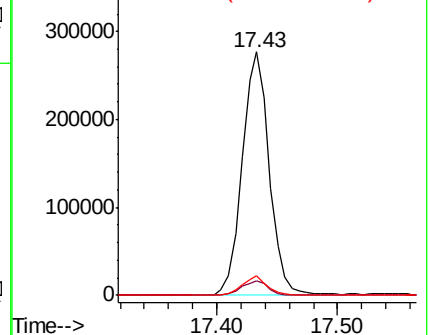
80 7.9 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

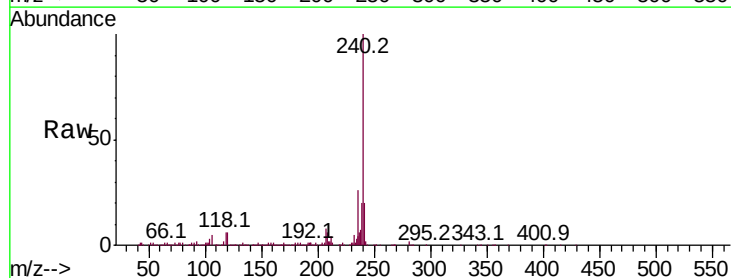
Tgt Ion:240 Resp: 497853

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

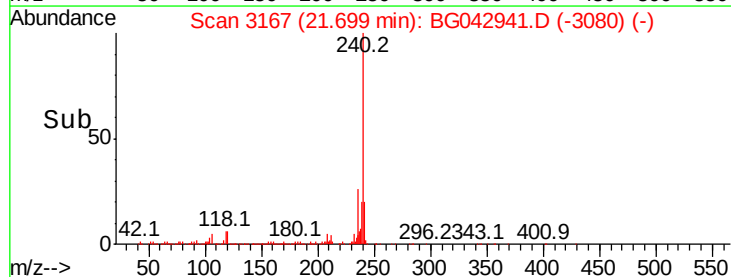
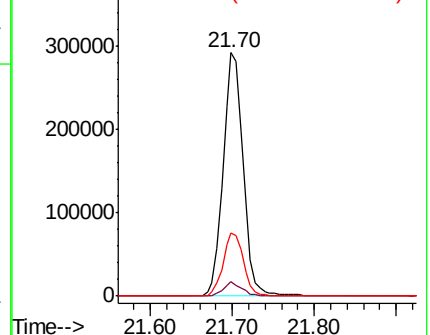
236 26.1 21.4 32.0

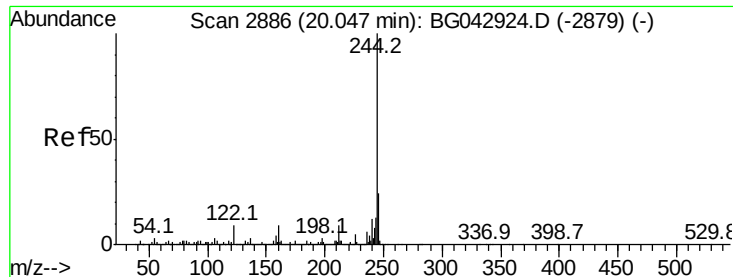


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.808 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

Instrument :

BNA_G

ClientSampleId :

PB123461BL

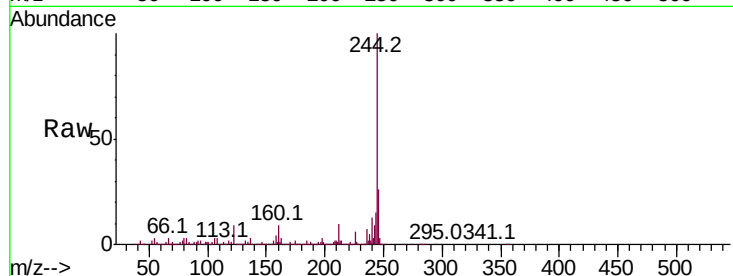
Tot Ion:244 Resp: 2378608

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

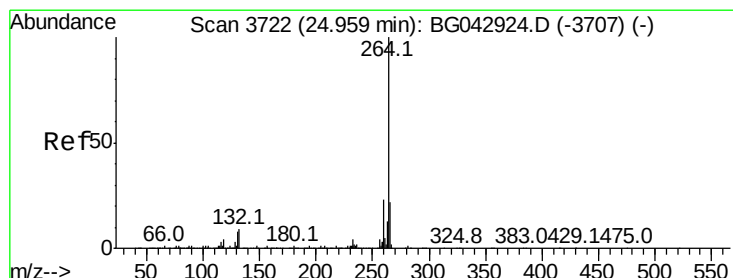
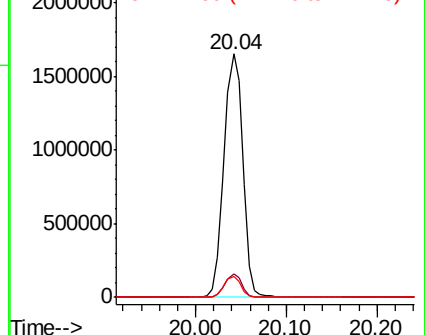
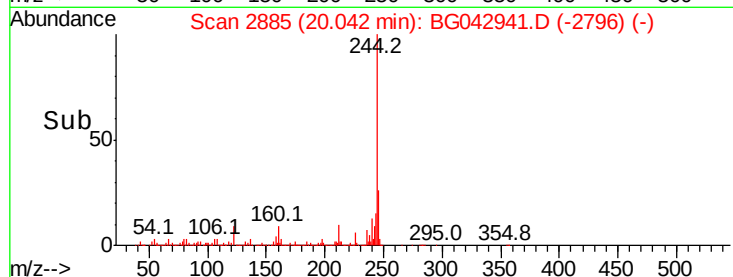
122 8.8 7.0 10.4



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: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042941.D

Acq: 30 Sep 2019 13:41

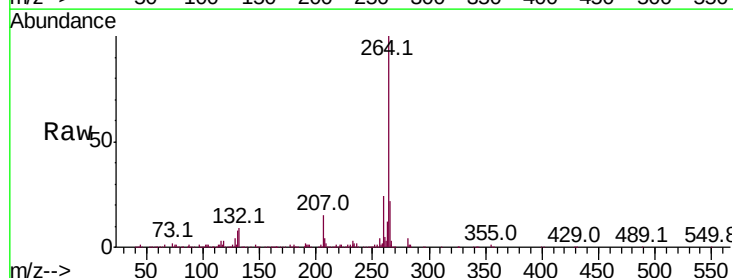
Tgt Ion:264 Resp: 547037

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.7 17.7 26.5



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

