

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042426.D
 Acq On : 23 Aug 2019 9:46
 Operator : HP/JU
 Sample : PB122423BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BL

Quant Time: Aug 23 17:35:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	108057	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	350136	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	239260	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	506060	20.00	ng	0.00
76) Chrysene-d12	21.69	240	520811	20.00	ng	0.00
87) Perylene-d12	24.93	264	610178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	806879	151.23	ng	0.00
7) Phenol-d6	7.17	99	1064913	147.76	ng	0.00
23) Nitrobenzene-d5	9.17	82	493406	97.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	381440	112.17	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1337926	94.58	ng	0.00
79) Terphenyl-d14	20.03	244	1990731	82.64	ng	0.00

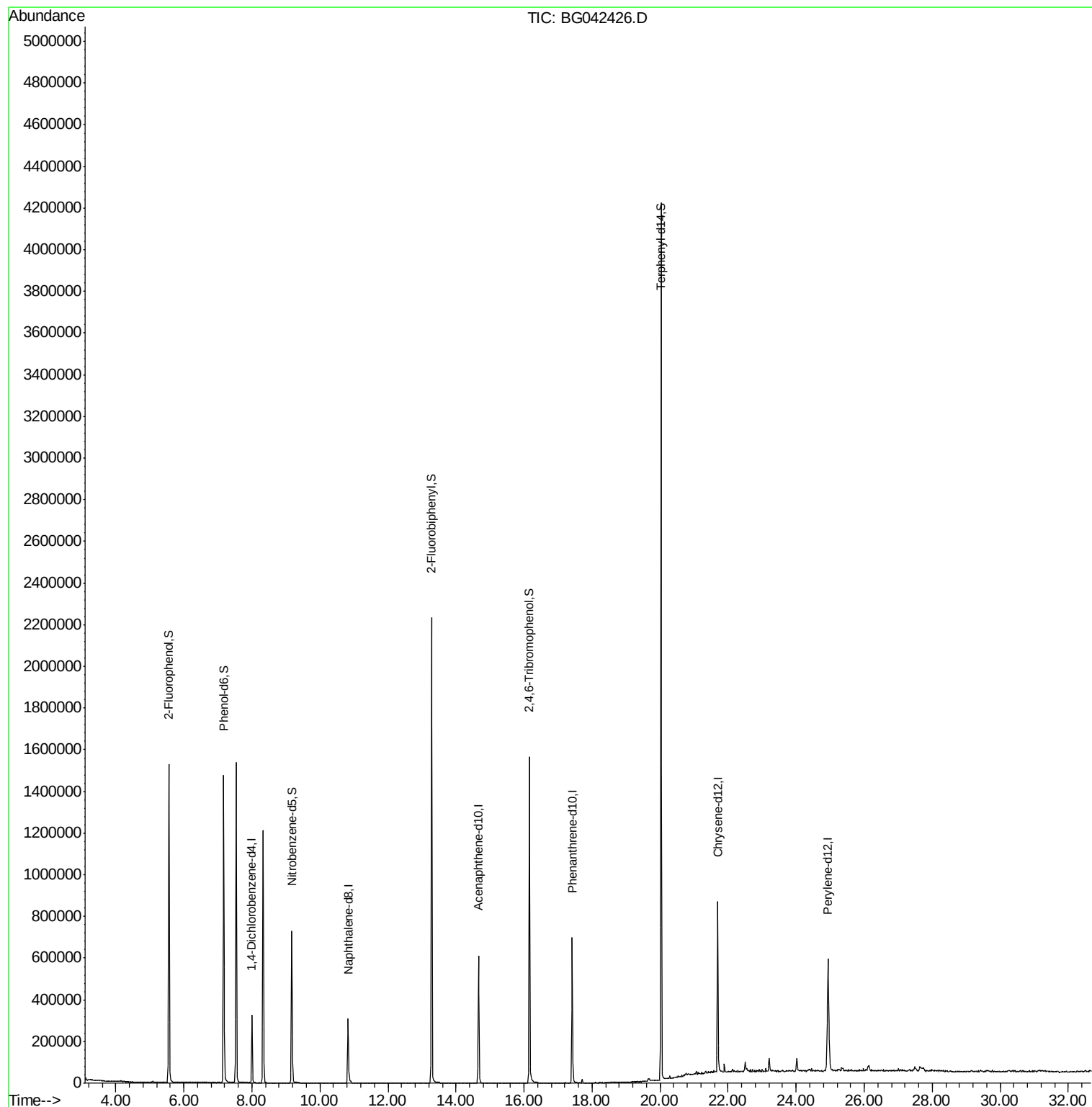
Target Compounds Qvalue

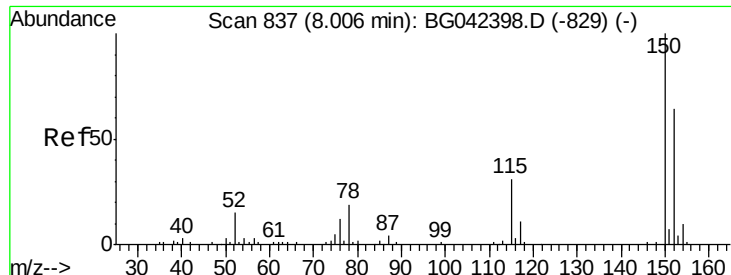
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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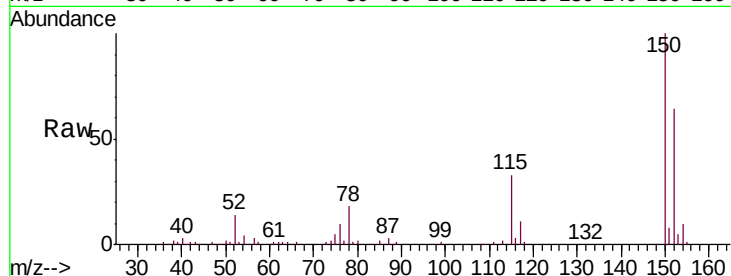


#1

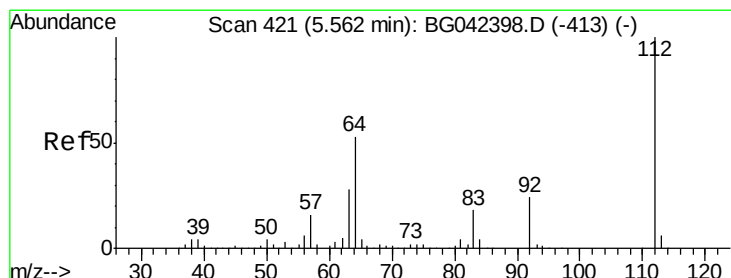
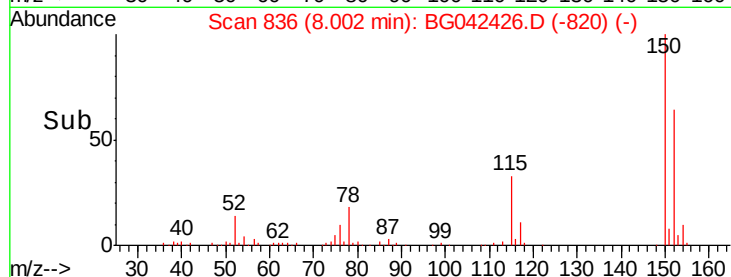
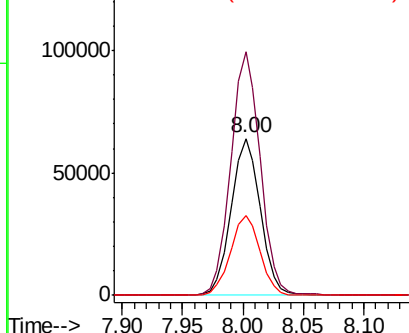
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.4	188.0
115	50.6	38.5	57.7



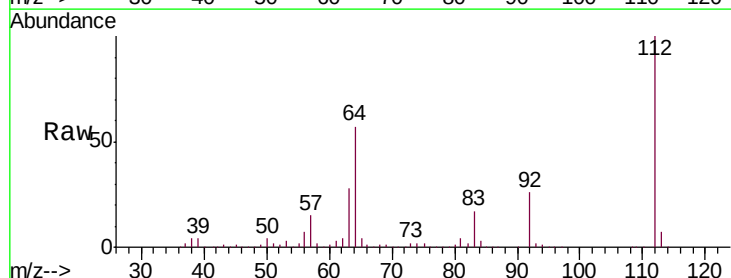
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



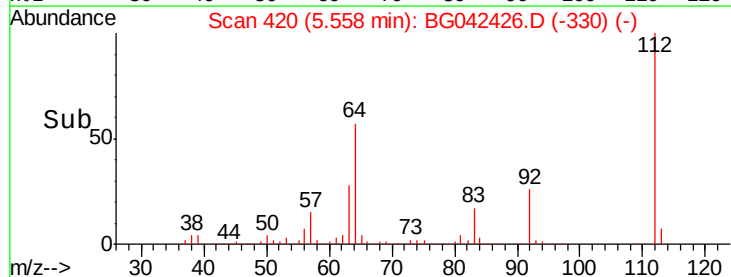
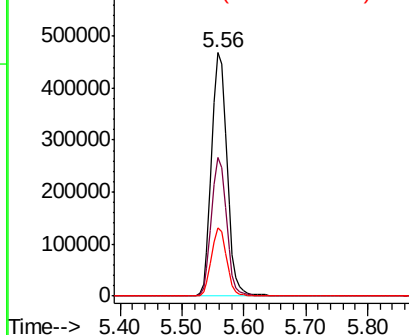
#5

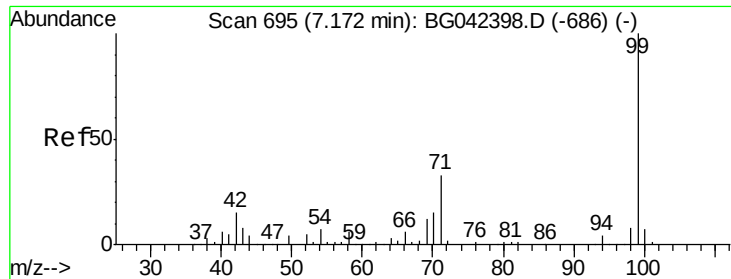
2-Fluorophenol
 Concen: 151.232 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.8	64.2
63	28.2	22.7	34.1



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: 147.763 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Instrument :

BNA_G

ClientSampleId :

PB122423BL

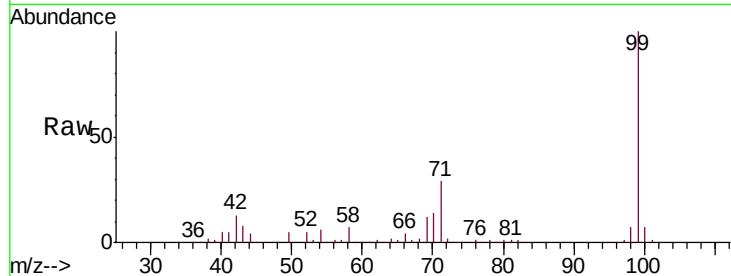
Tot Ion: 99 Resp: 1064913

Ion Ratio Lower Upper

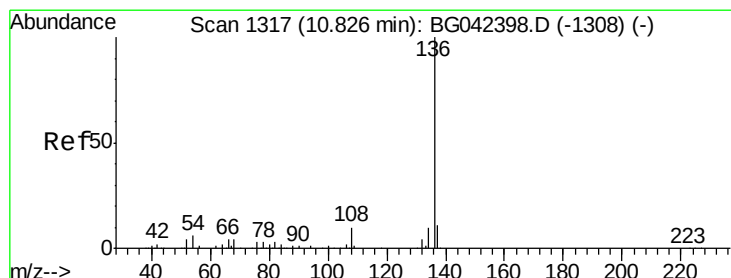
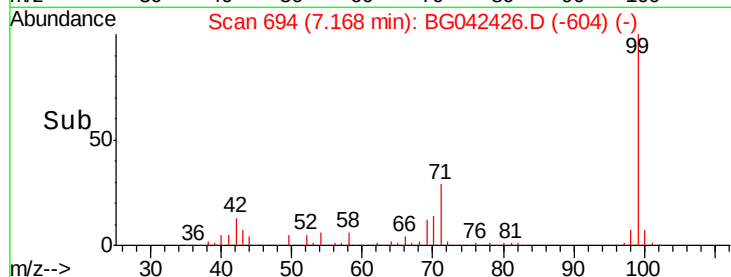
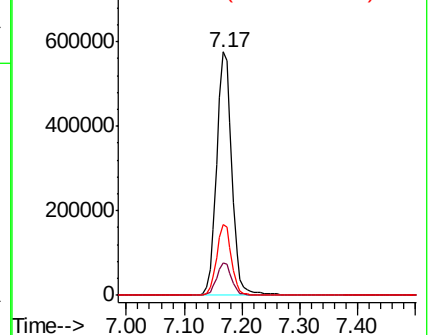
99 100

42 13.5 12.0 18.0

71 29.2 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Tgt Ion: 136 Resp: 350136

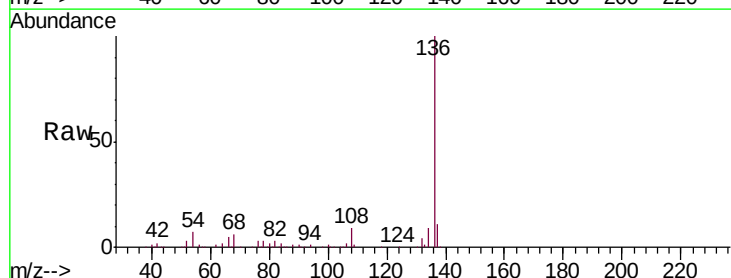
Ion Ratio Lower Upper

136 100

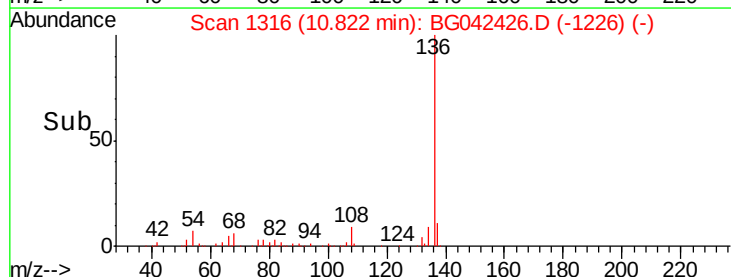
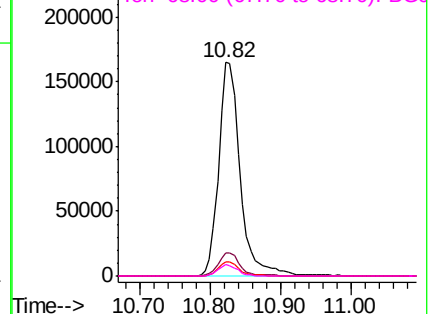
137 10.7 8.7 13.1

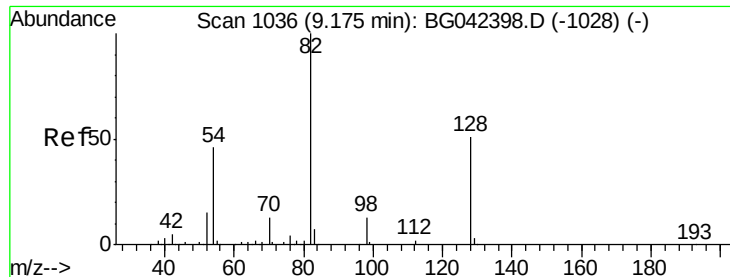
54 6.9 4.9 7.3

68 5.5 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

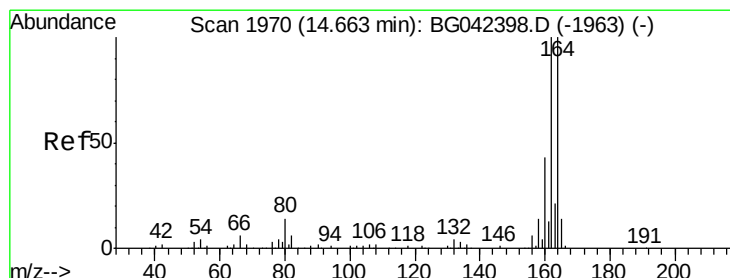
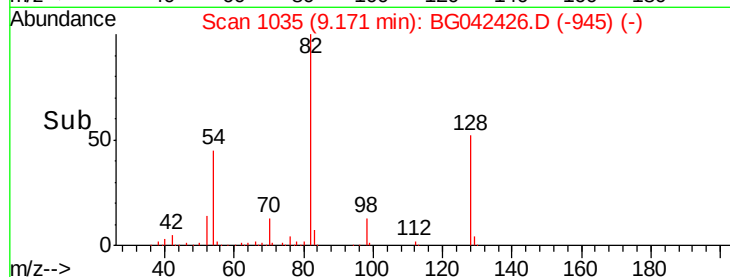
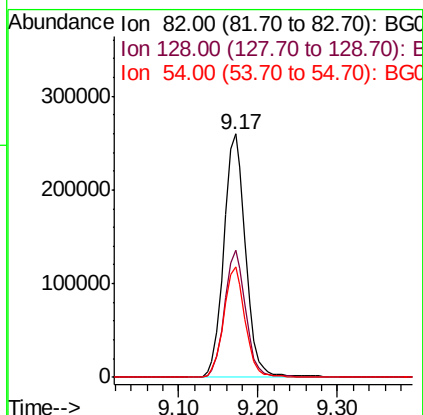
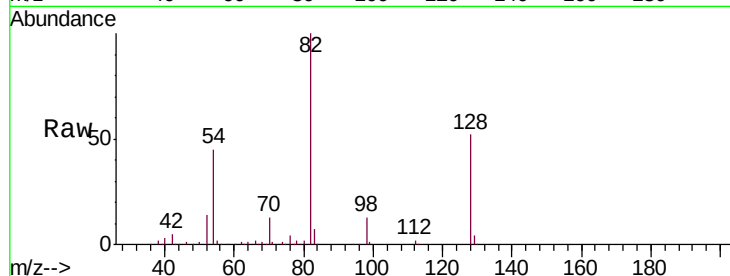




#23
Nitrobenzene-d5
Concen: 97.380 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

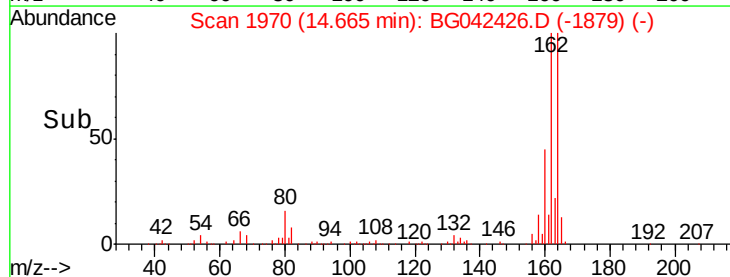
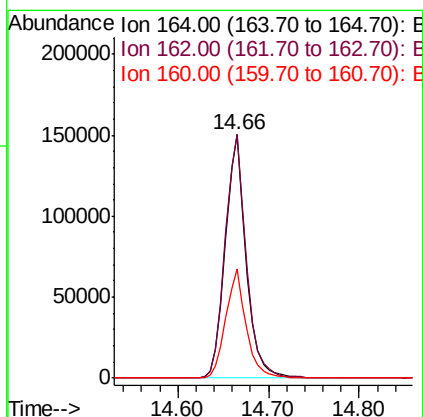
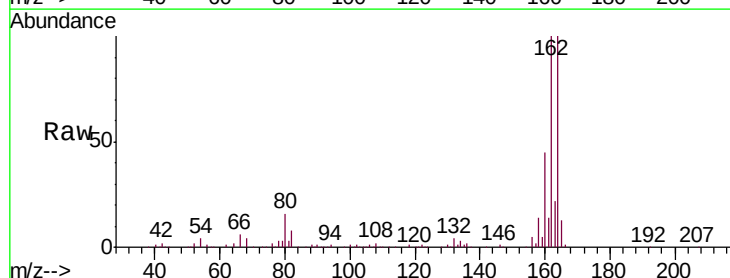
Instrument :
BNA_G
ClientSampleId :
PB122423BL

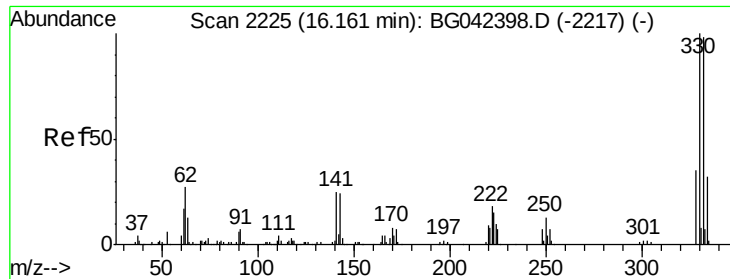
Tot Ion	82	Resp	493406
Ion Ratio	Lower	Upper	
82	100		
128	52.4	40.7	61.1
54	45.2	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Tgt Ion	164	Resp	239260
Ion Ratio	Lower	Upper	
164	100		
162	100.1	79.9	119.9
160	45.1	34.3	51.5

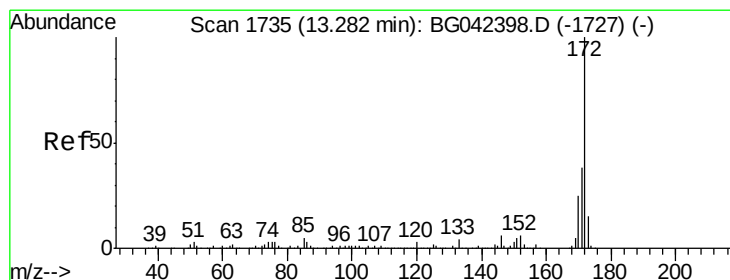
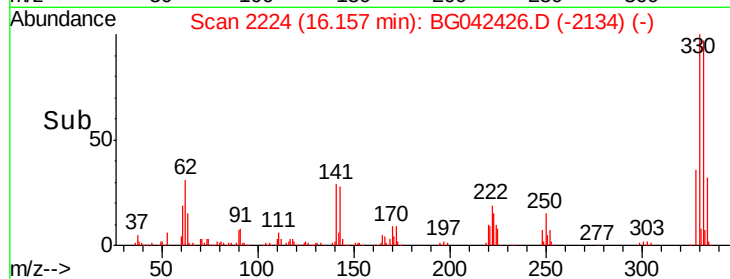
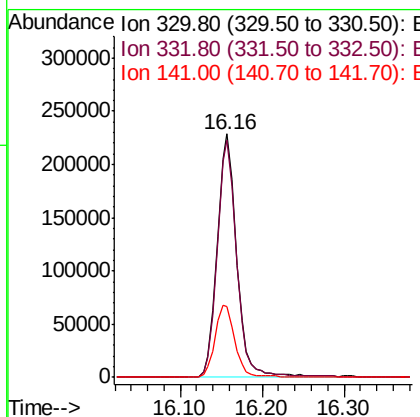
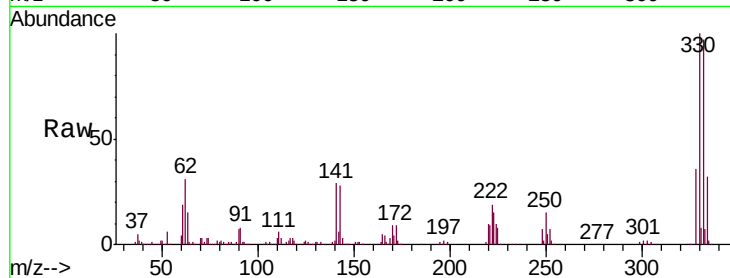




#42
 2,4,6-Tribromophenol
 Concen: 112.166 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

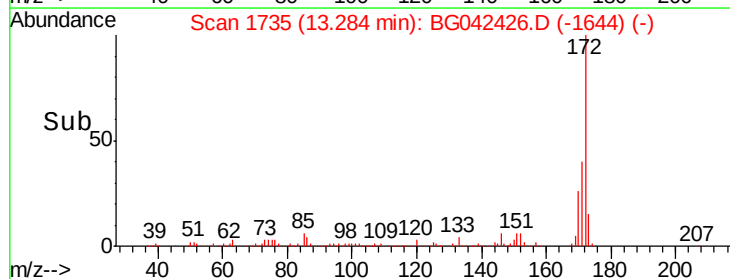
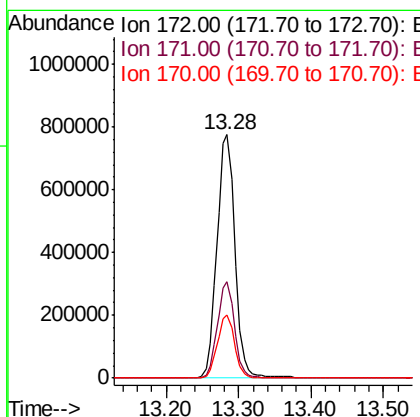
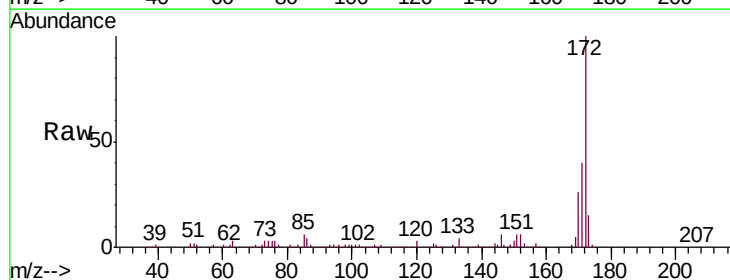
Instrument :
 BNA_G
 ClientSampleId :
 PB122423BL

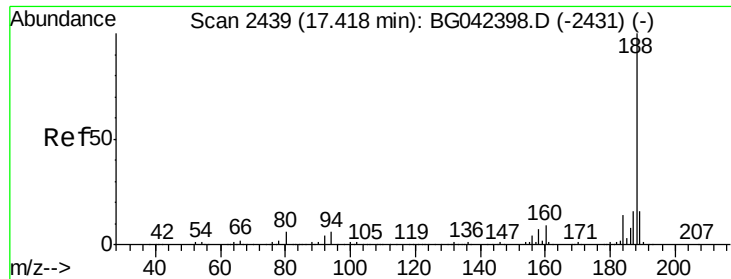
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	30.5	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 94.575 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	26.0	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Instrument :

BNA_G

ClientSampleId :

PB122423BL

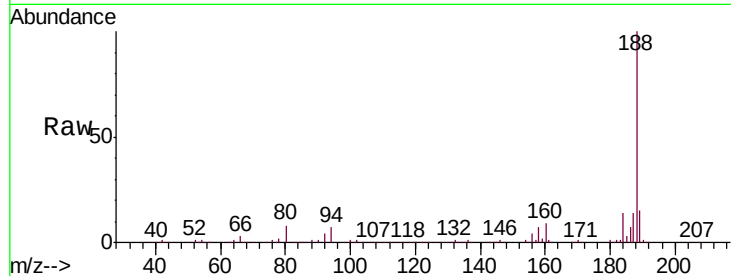
Tot Ion:188 Resp: 506060

Ion Ratio Lower Upper

188 100

94 7.3 4.5 6.7#

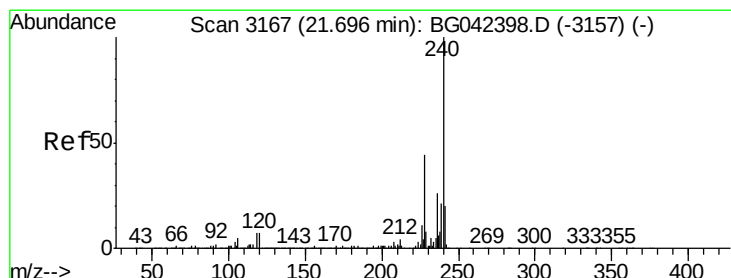
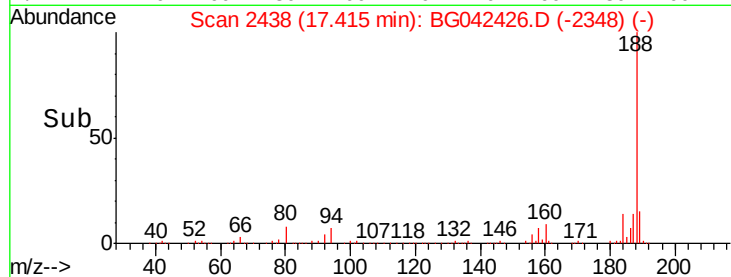
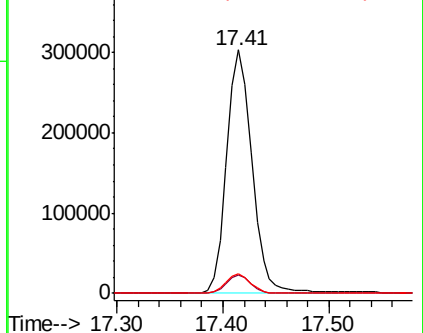
80 8.0 4.9 7.3#



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: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

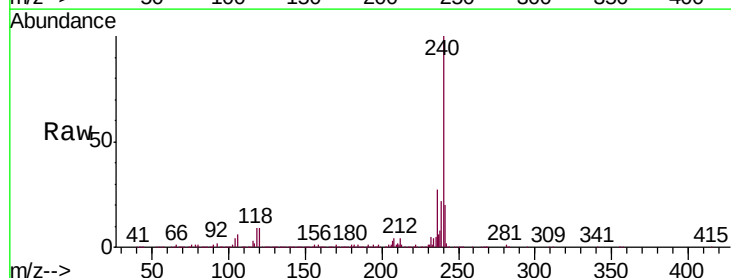
Tgt Ion:240 Resp: 520811

Ion Ratio Lower Upper

240 100

120 9.0 5.7 8.5#

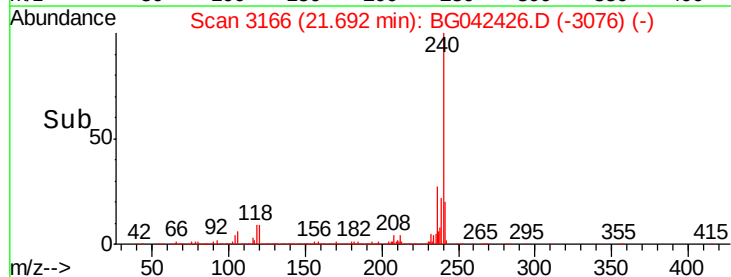
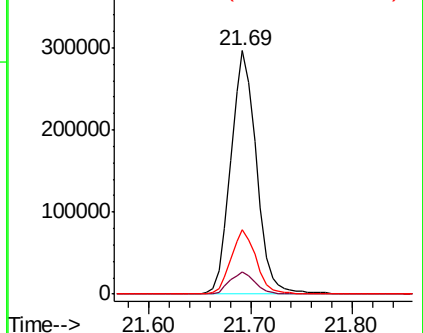
236 26.7 21.0 31.4

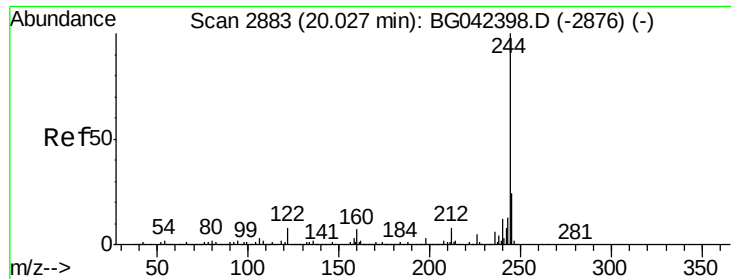


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.636 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Instrument :

BNA_G

ClientSampleId :

PB122423BL

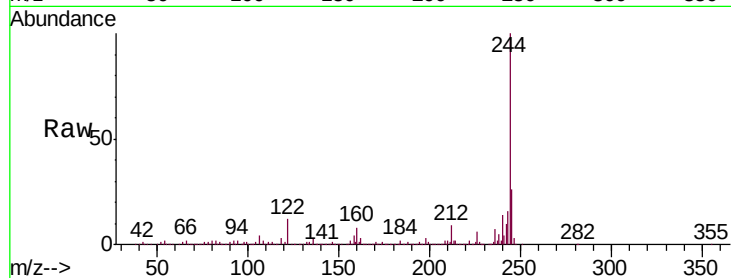
Tot Ion:244 Resp: 1990731

Ion Ratio Lower Upper

244 100

212 9.1 6.0 9.0#

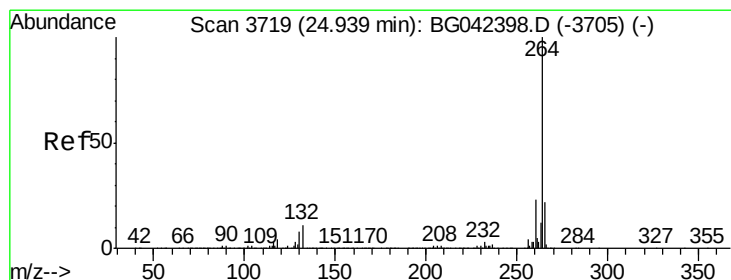
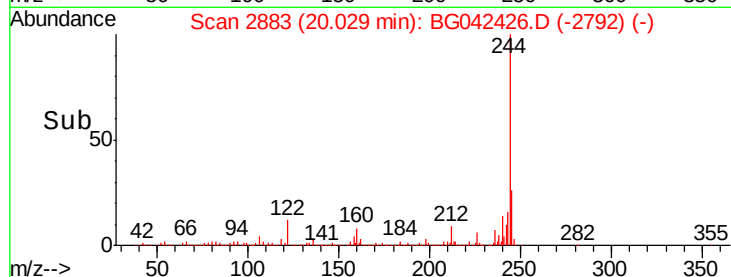
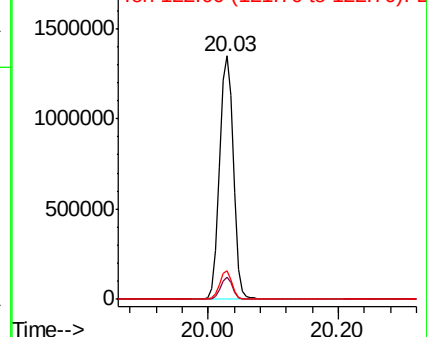
122 11.8 6.7 10.1#



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. -0.01 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

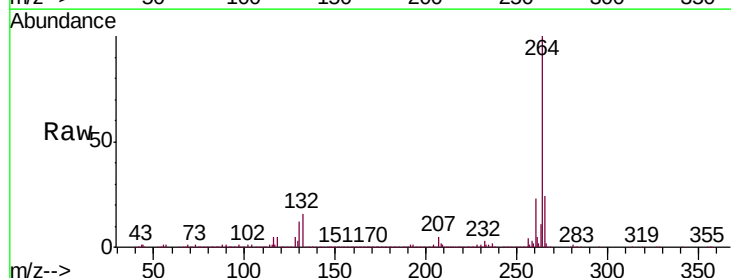
Tgt Ion:264 Resp: 610178

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 23.8 17.6 26.4



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

