

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043571.D
 Acq On : 8 Nov 2019 16:06
 Operator : JU
 Sample : PB124640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

Quant Time: Nov 11 03:13:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26990	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	99863	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	74763	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197875	20.00	ng	0.00
76) Chrysene-d12	21.65	240	206768	20.00	ng	0.00
87) Perylene-d12	24.84	264	239499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	231460	157.15	ng	0.01
7) Phenol-d6	7.21	99	326764	154.20	ng	0.01
23) Nitrobenzene-d5	9.17	82	192596	99.43	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	215417	151.41	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	540731	99.94	ng	0.00
79) Terphenyl-d14	19.99	244	1208877	109.68	ng	0.00

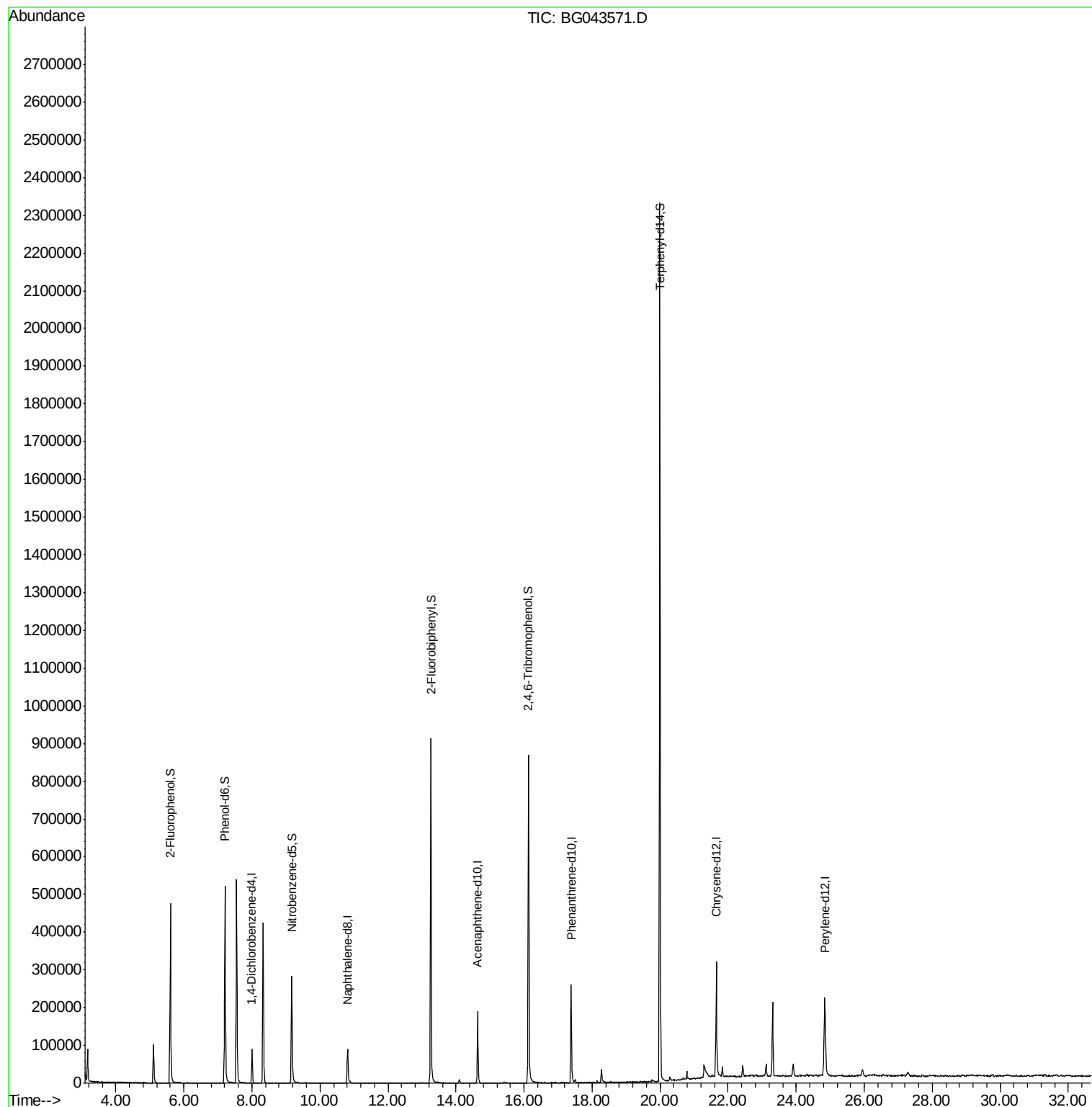
Target Compounds Qvalue

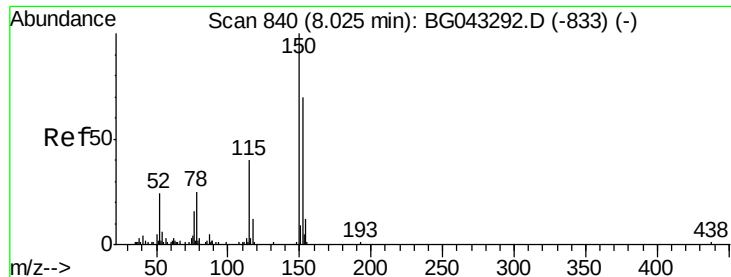
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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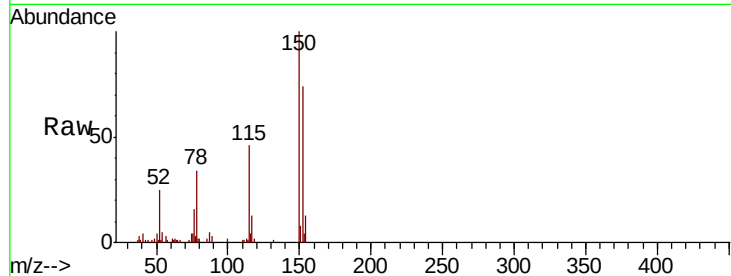


#1

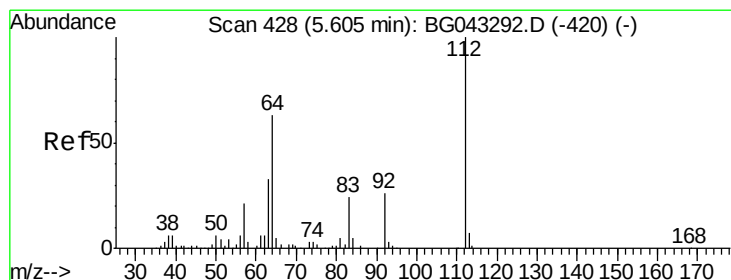
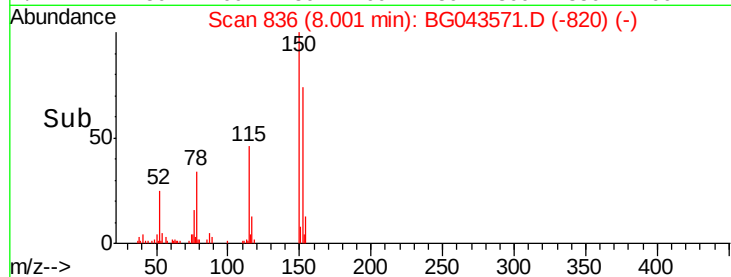
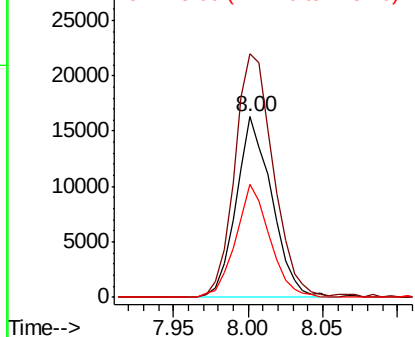
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124640BL

Tot Ion:152 Resp: 26990
Ion Ratio Lower Upper
152 100
150 134.7 129.4 194.0
115 62.2 48.8 73.2



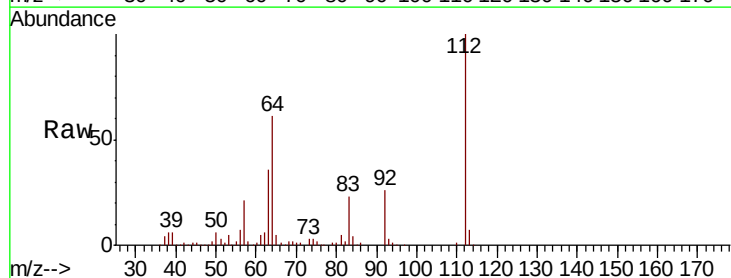
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



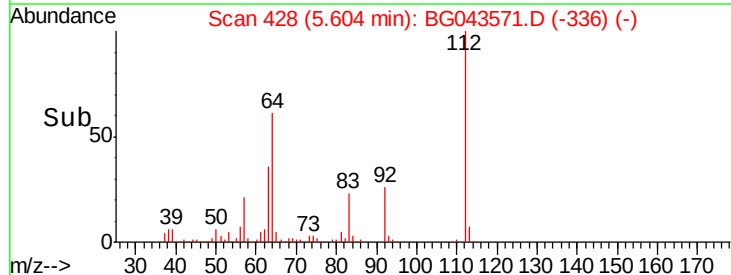
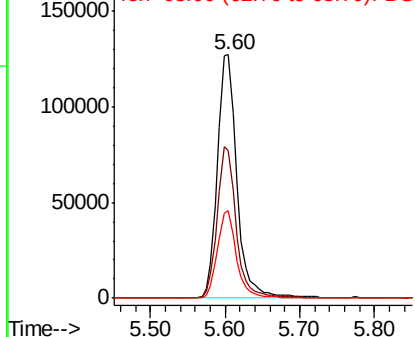
#5

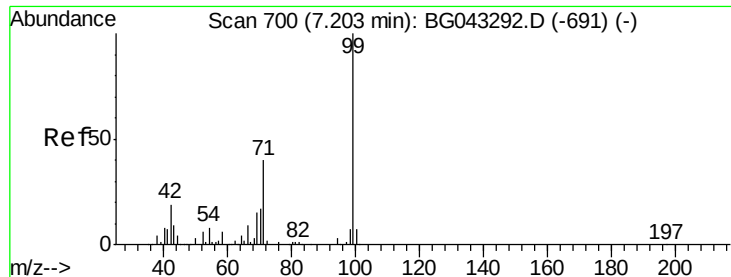
2-Fluorophenol
Concen: 157.146 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Tgt Ion:112 Resp: 231460
Ion Ratio Lower Upper
112 100
64 60.8 50.0 75.0
63 36.0 26.6 40.0



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: 154.196 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

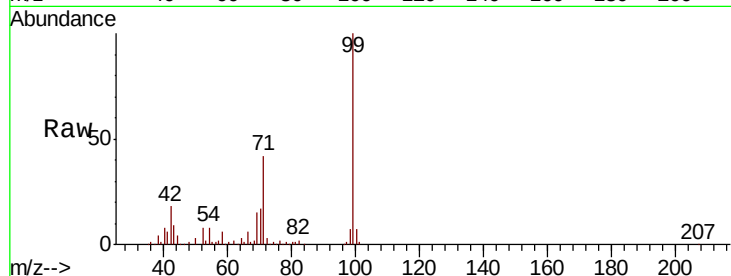
Tot Ion: 99 Resp: 326764

Ion Ratio Lower Upper

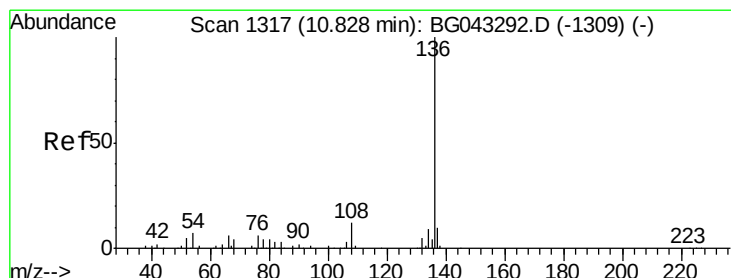
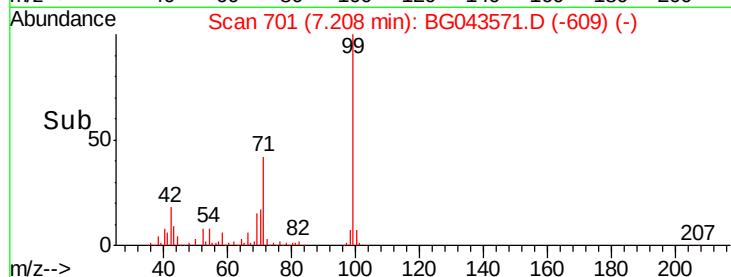
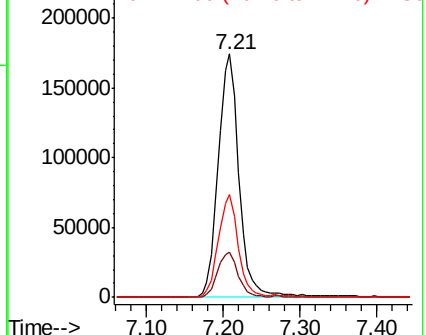
99 100

42 18.5 14.6 21.8

71 42.1 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Tgt Ion: 136 Resp: 99863

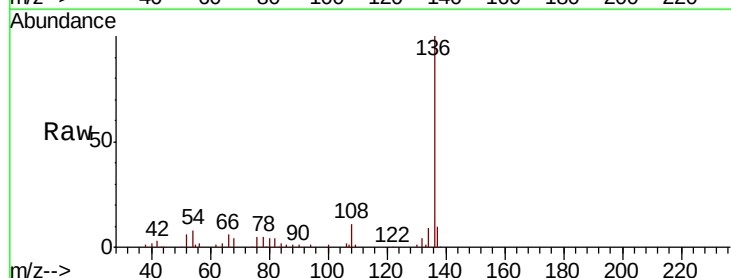
Ion Ratio Lower Upper

136 100

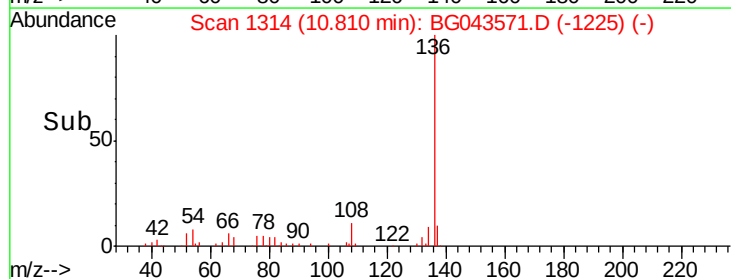
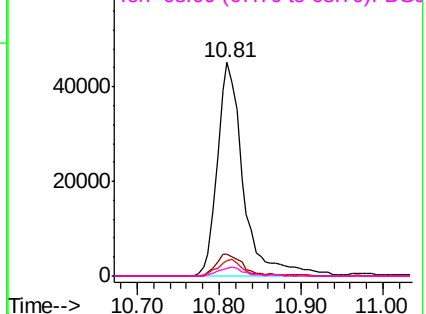
137 10.3 8.7 13.1

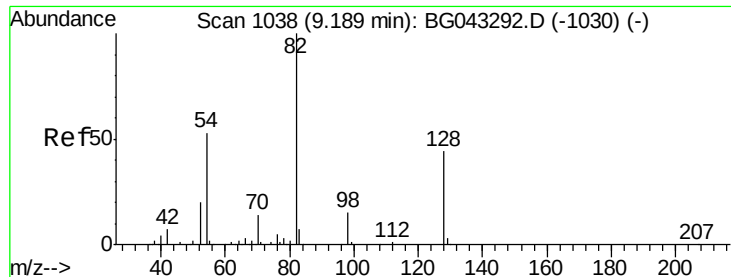
54 7.5 5.4 8.2

68 3.8 3.0 4.4



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

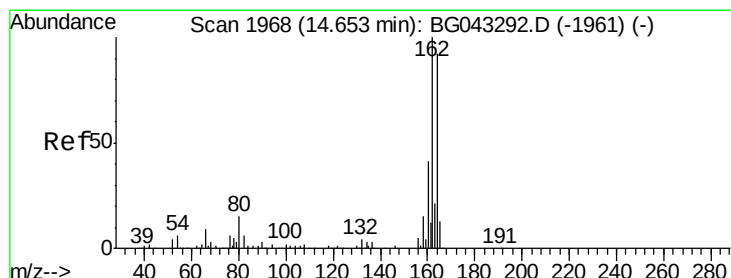
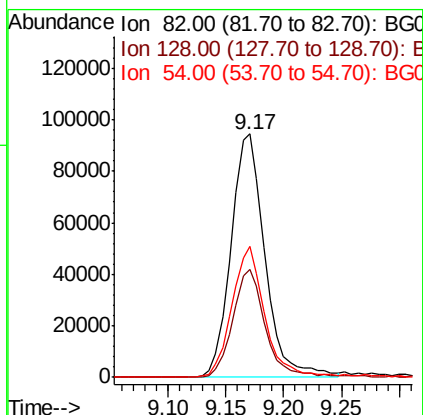
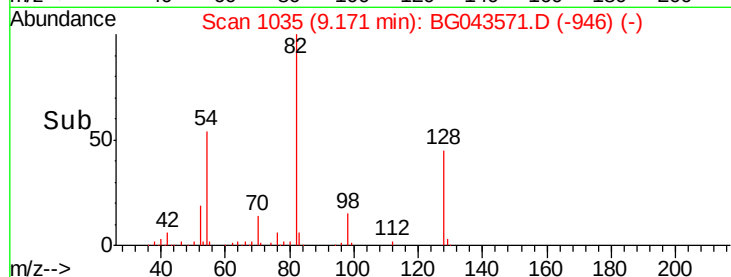
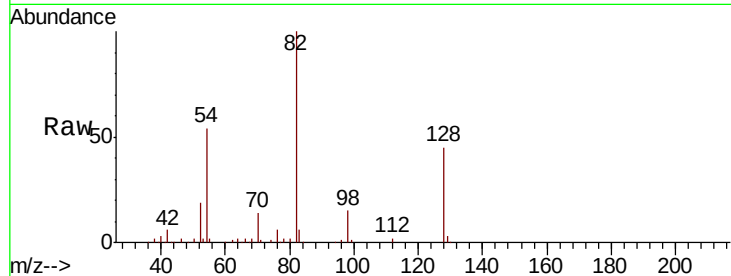




#23
Nitrobenzene-d5
Concen: 99.428 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

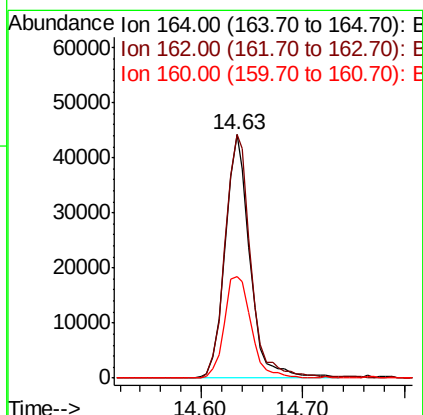
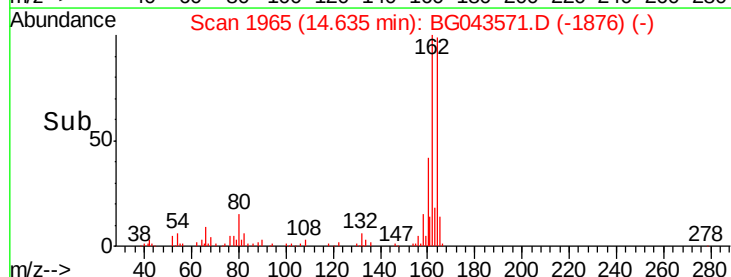
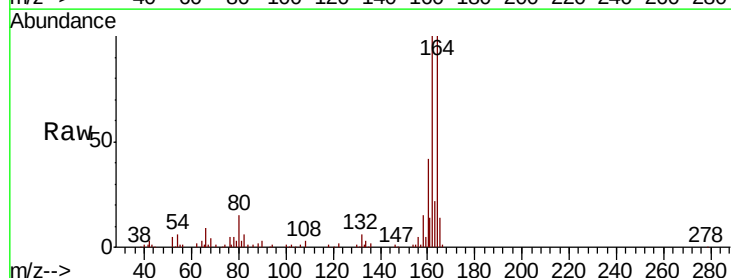
Instrument :
BNA_G
ClientSampleId :
PB124640BL

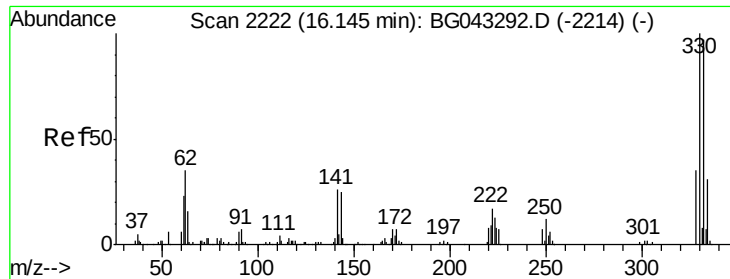
Tot Ion: 82 Resp: 192596
Ion Ratio Lower Upper
82 100
128 44.5 35.0 52.6
54 53.8 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Tgt Ion:164 Resp: 74763
Ion Ratio Lower Upper
164 100
162 100.1 83.5 125.3
160 41.9 36.5 54.7

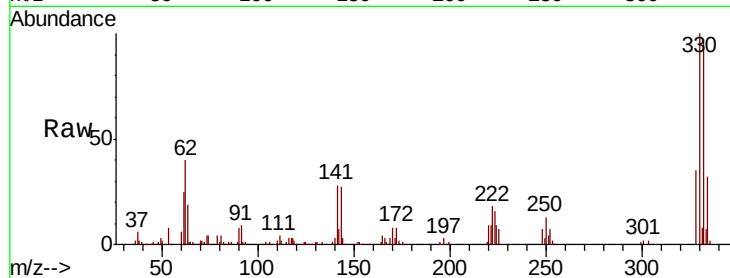




#42
 2,4,6-Tribromophenol
 Concen: 151.410 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	29.0	22.8	34.2

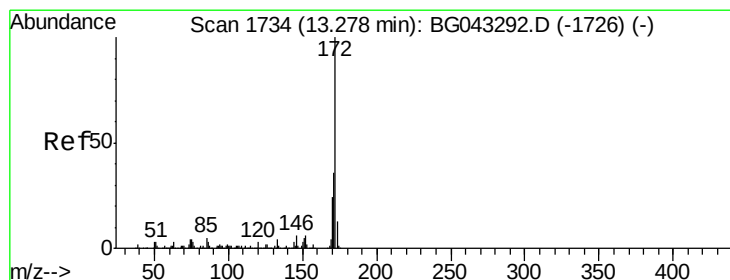
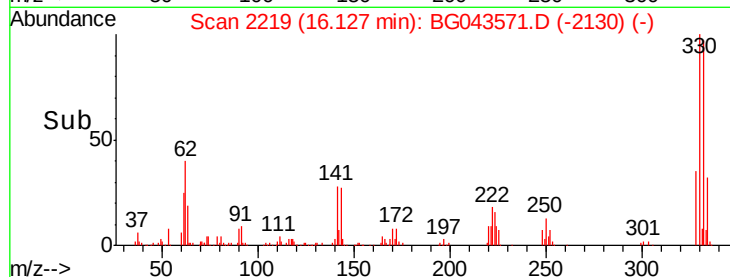
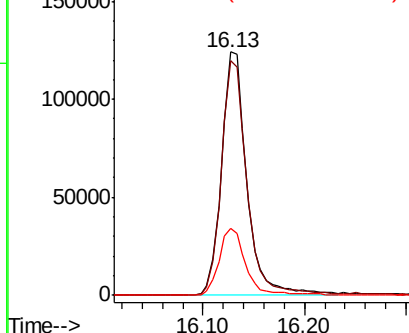


Abundance

Ion 329.80 (329.50 to 330.50): E

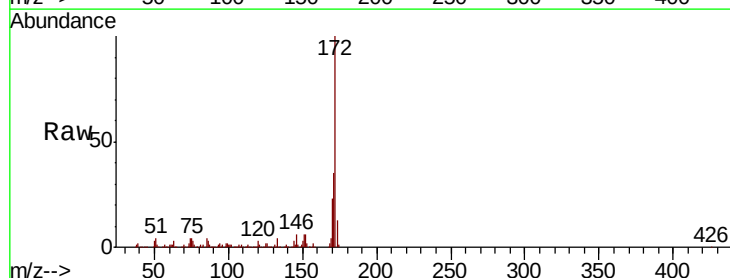
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.940 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.3	18.5	27.7

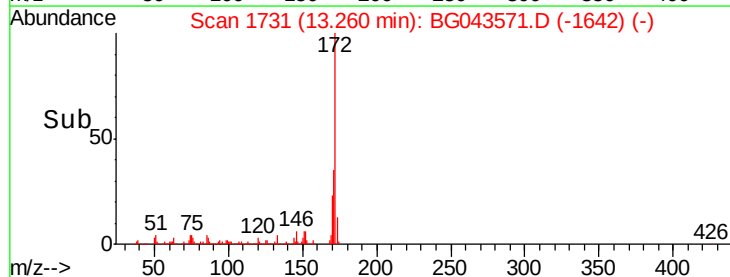
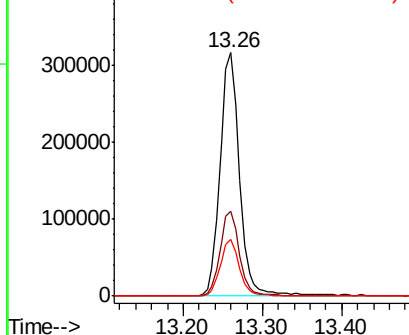


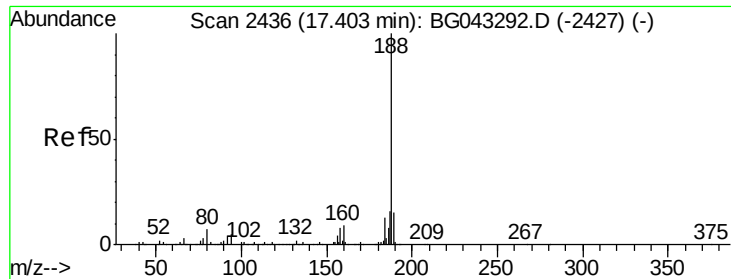
Abundance

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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

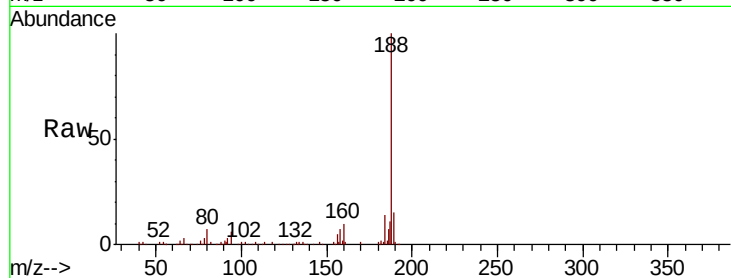
Tot Ion:188 Resp: 197875

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

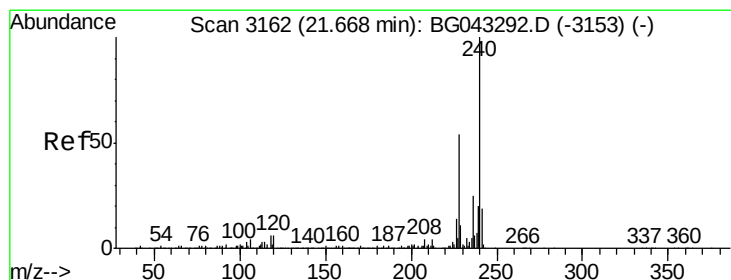
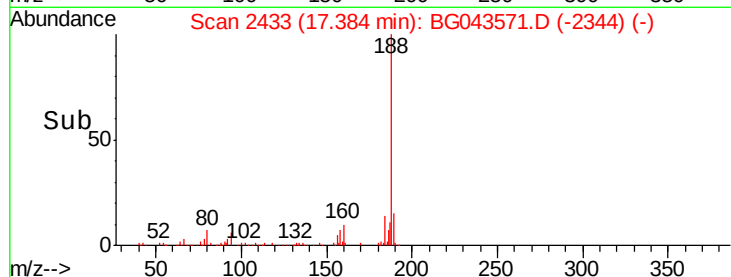
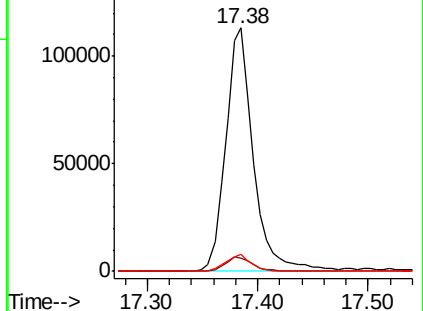
80 6.8 4.5 6.7#



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

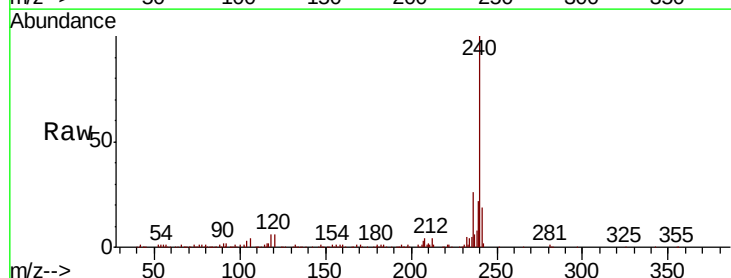
Tgt Ion:240 Resp: 206768

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

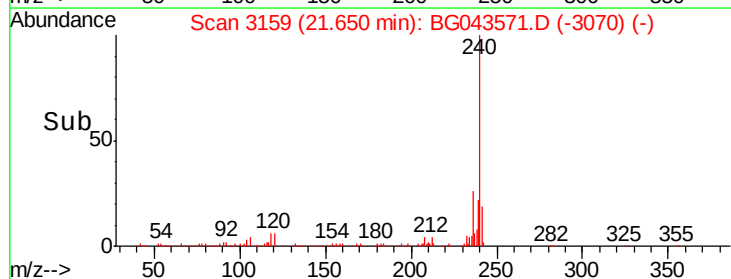
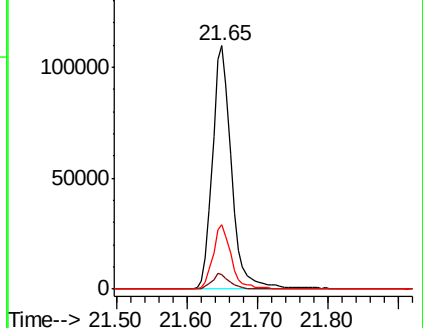
236 26.2 19.8 29.8

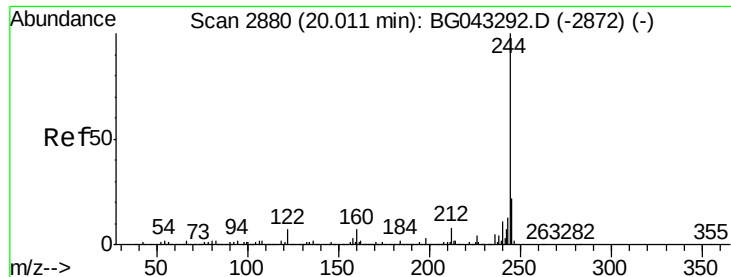


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.684 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

Tot Ion:244 Resp: 1208877

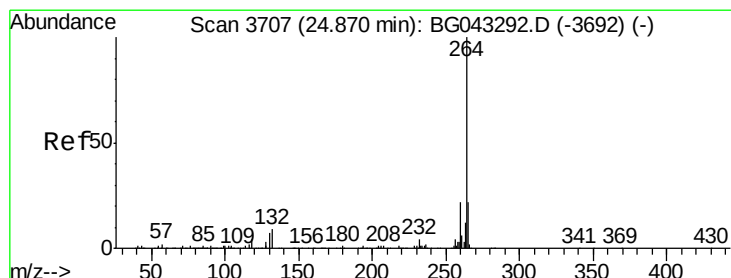
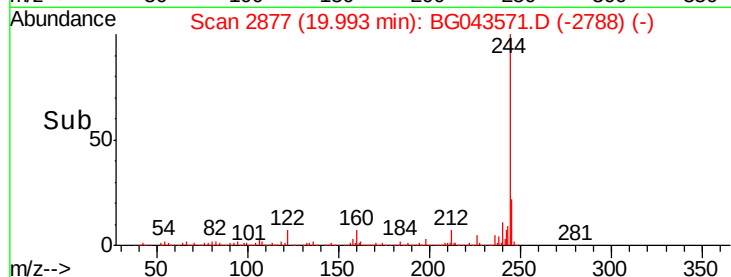
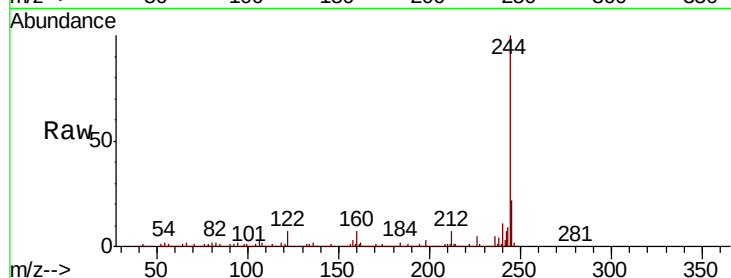
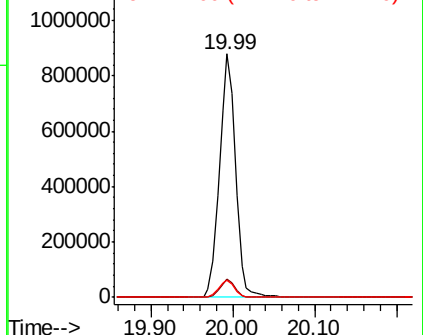
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.8	5.4	8.2

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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Tgt Ion:264 Resp: 239499

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	21.7	17.4	26.0

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

