

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040268.D
 Acq On : 1 Apr 2019 16:58
 Operator : JU/SJ
 Sample : PB118426BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Quant Time: Apr 02 02:45:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50858	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	219516	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	162289	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	449455	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	455040	20.00	ng	-0.02
87) Perylene-d12	25.00	264	455471	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	311764	101.91	ng	-0.01
7) Phenol-d6	7.21	99	446134	105.52	ng	-0.02
23) Nitrobenzene-d5	9.23	82	248597	60.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	188681	107.58	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	665490	60.76	ng	-0.02
79) Terphenyl-d14	20.03	244	1217748	60.20	ng	-0.02

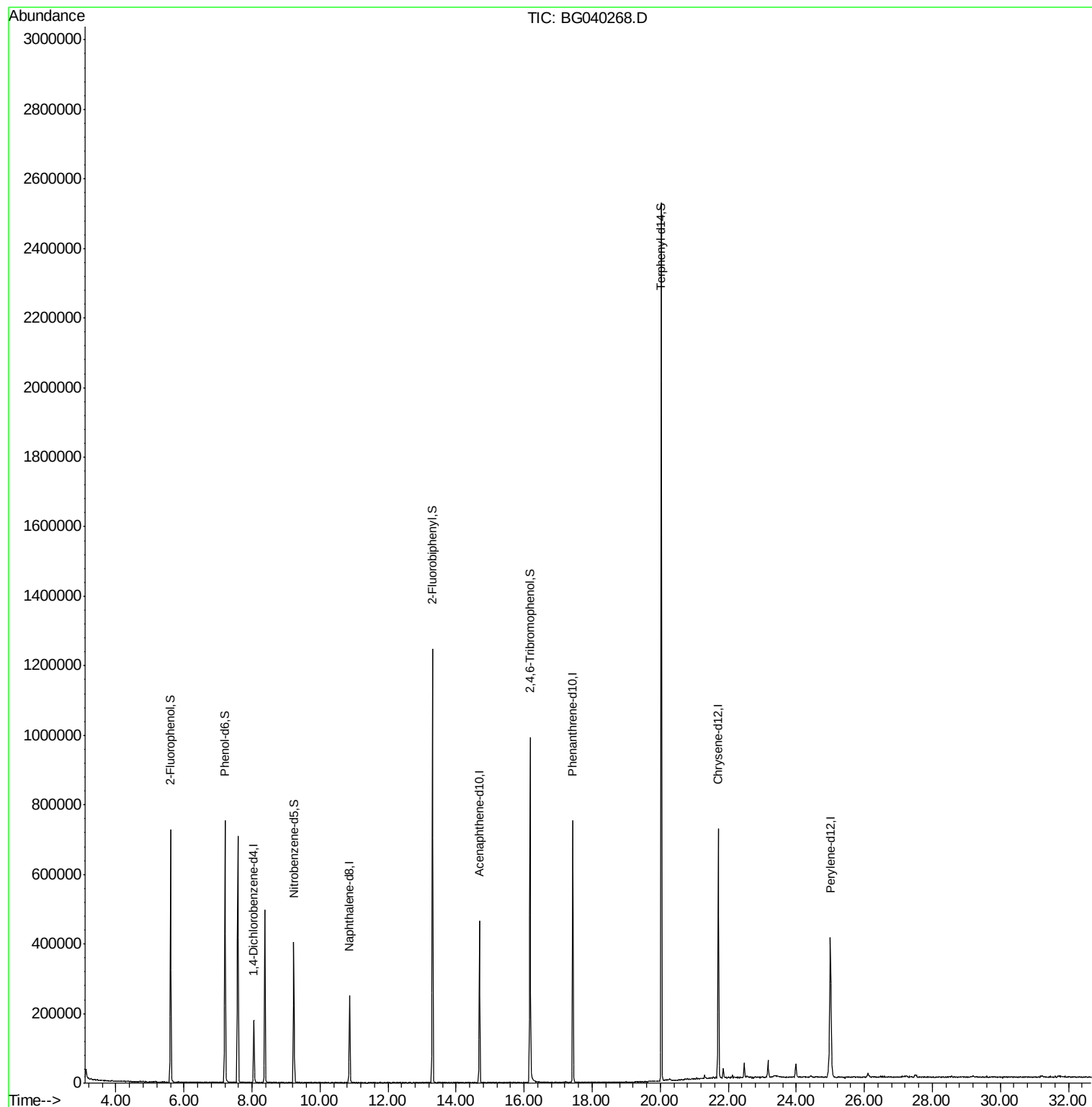
Target Compounds	Qvalue
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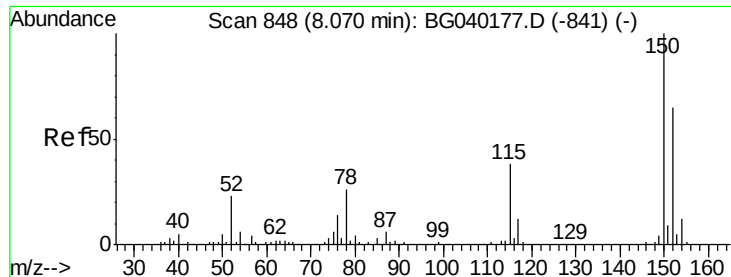
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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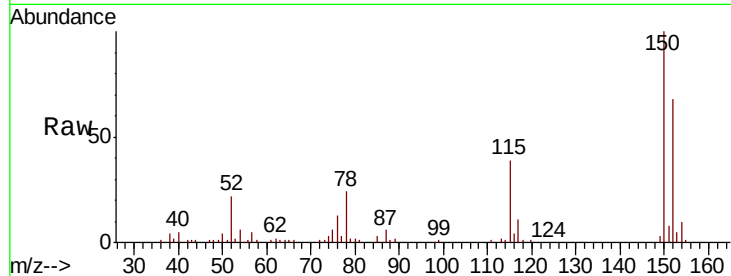


#1

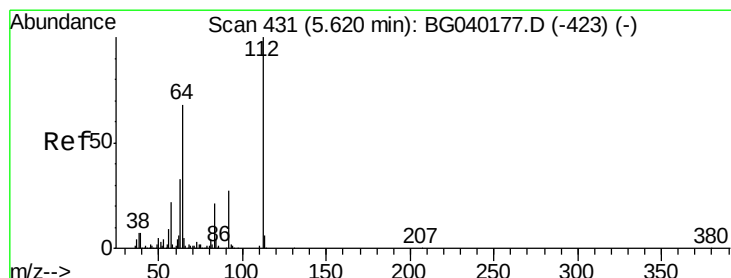
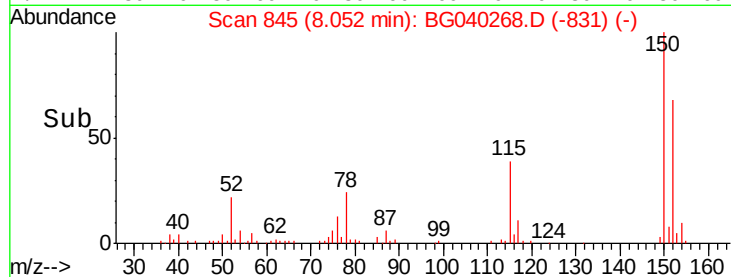
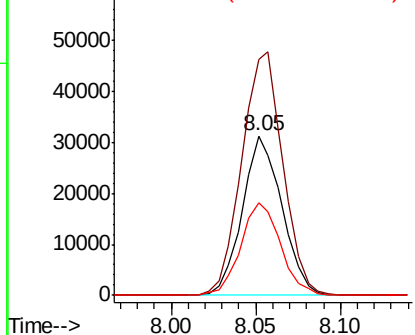
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Instrument :
BNA_G
ClientSampleId :
PB118426BL

Tgt Ion:152 Resp: 50858
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 58.1 46.9 70.3



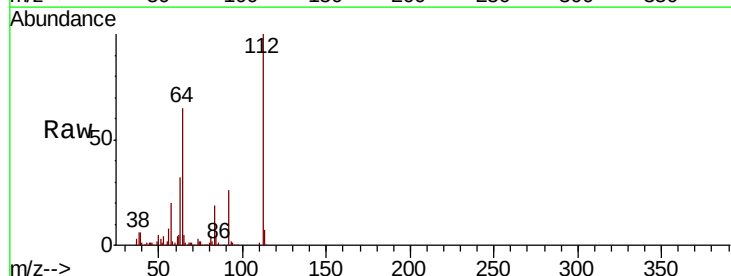
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



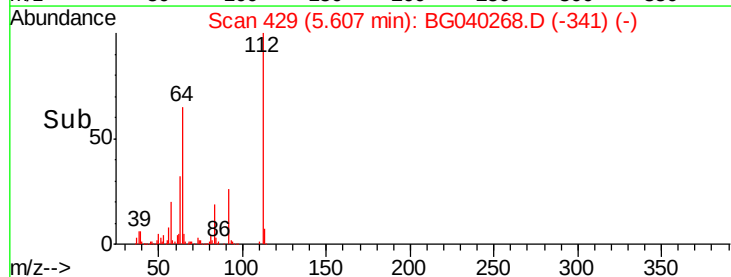
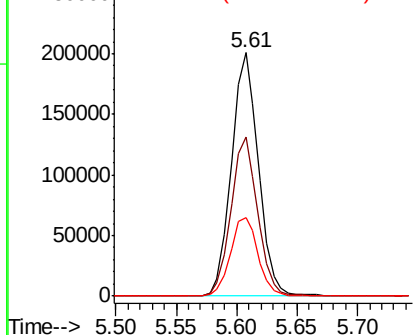
#5

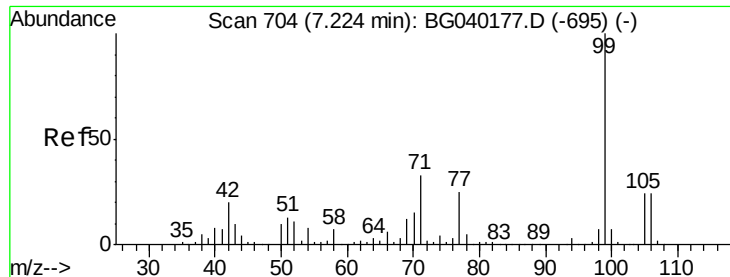
2-Fluorophenol
Concen: 101.907 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Tgt Ion:112 Resp: 311764
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.2
63 32.3 26.4 39.6



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: 105.519 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

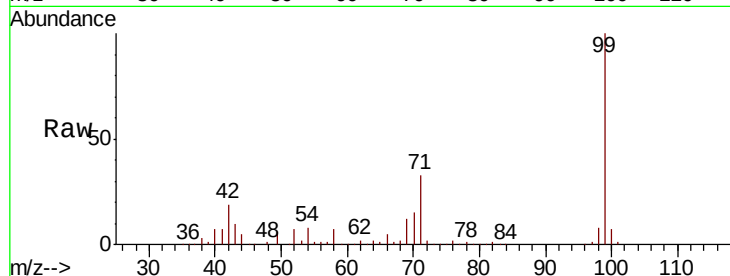
Tgt Ion: 99 Resp: 446134

Ion Ratio Lower Upper

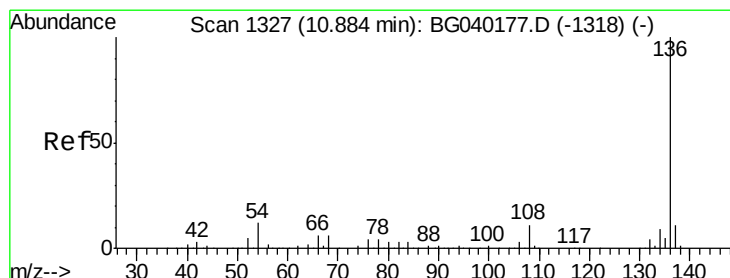
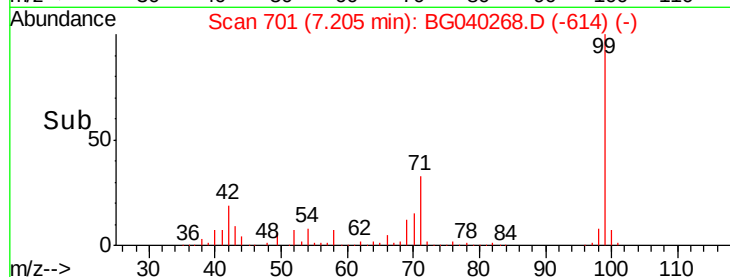
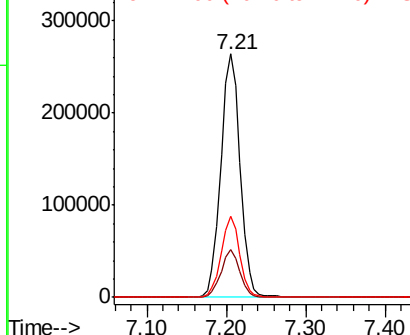
99 100

42 19.5 16.2 24.2

71 33.2 26.8 40.2



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. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Tgt Ion: 136 Resp: 219516

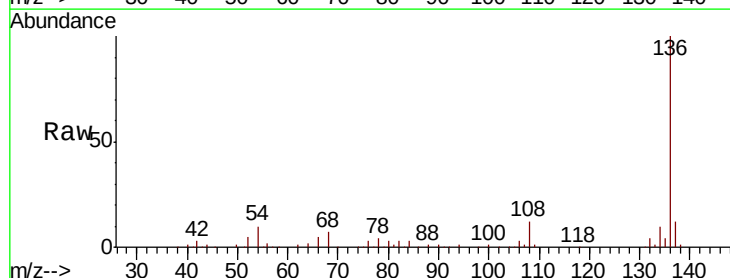
Ion Ratio Lower Upper

136 100

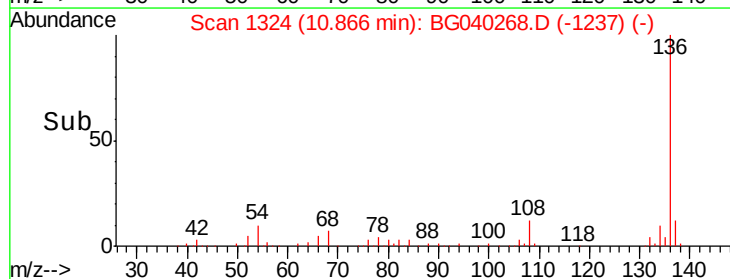
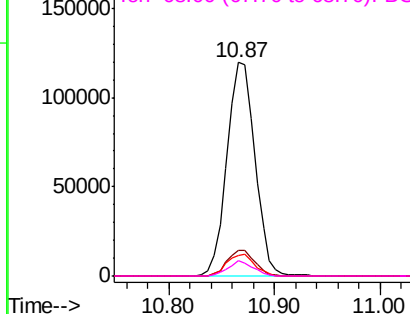
137 12.1 8.9 13.3

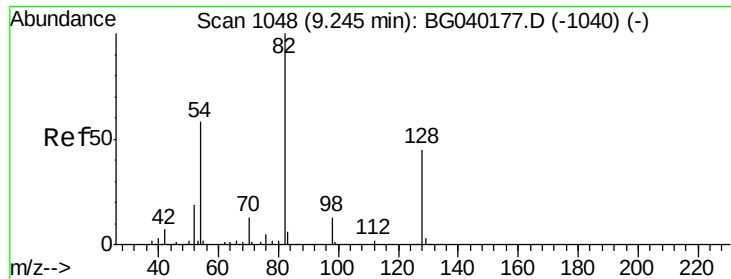
54 9.8 9.6 14.4

68 7.4 5.1 7.7



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

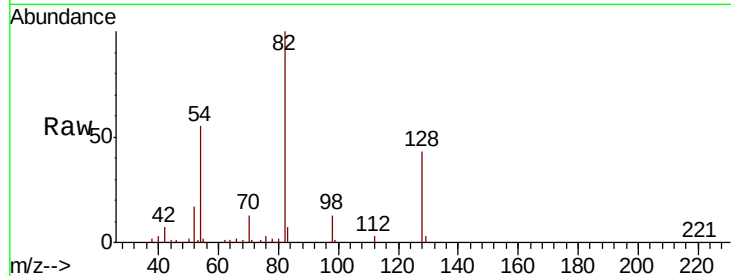




#23
 Nitrobenzene-d5
 Concen: 60.195 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	54.9	46.2	69.2

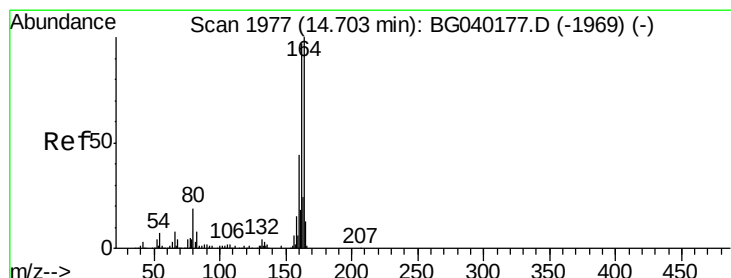
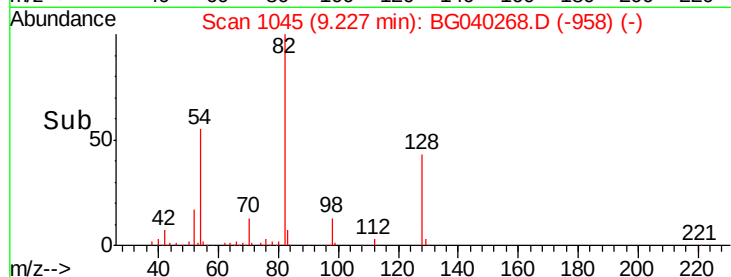
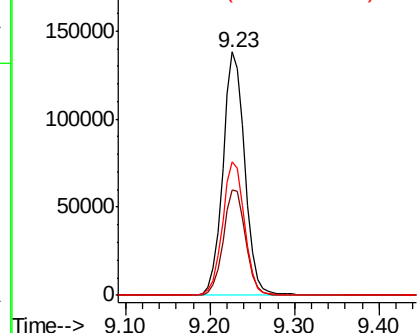


Abundance

Ion 82.00 (81.70 to 82.70): BGC

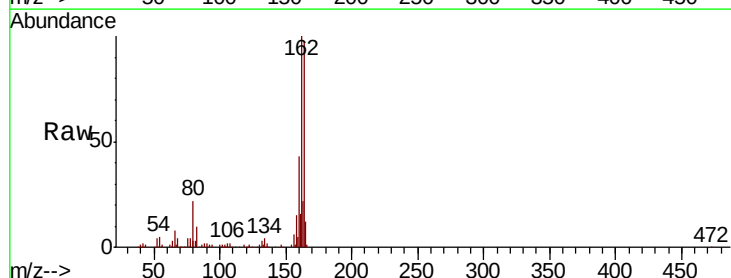
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	77.4	116.2
160	44.4	35.3	52.9

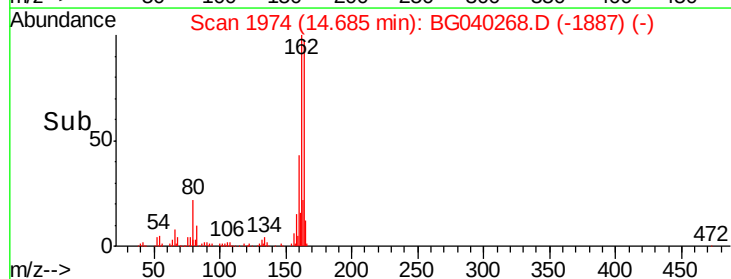
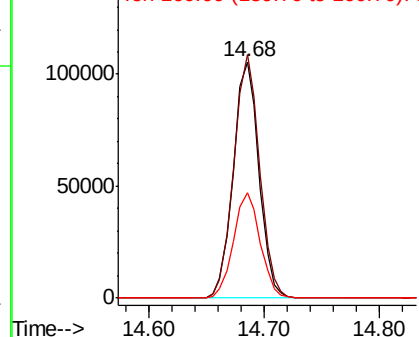


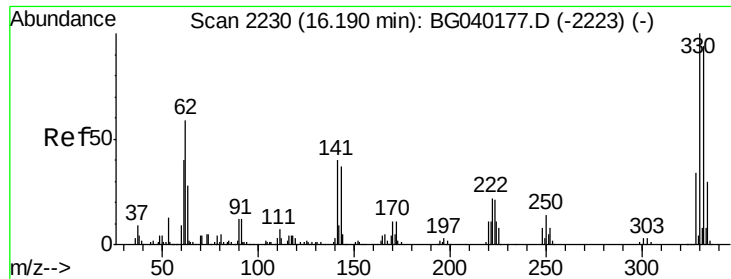
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

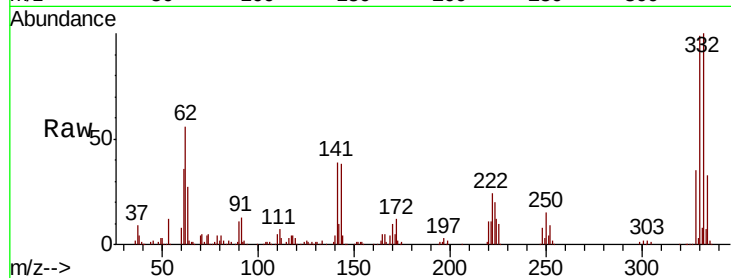




#42
 2,4,6-Tribromophenol
 Concen: 107.577 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188681		
332	98.1	76.6	115.0	
141	38.3	32.6	48.8	

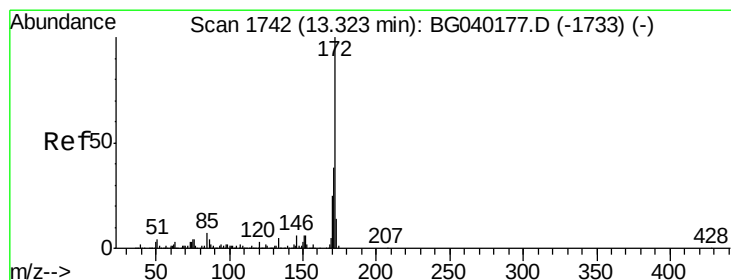
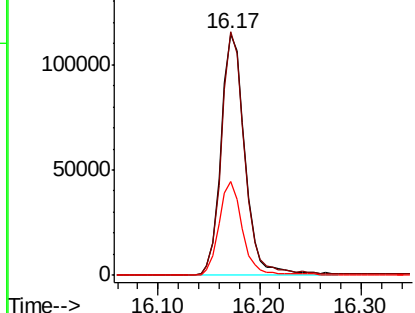
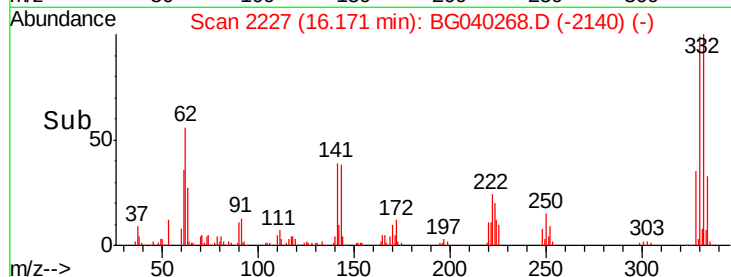


Abundance

Ion 329.80 (329.50 to 330.50): E

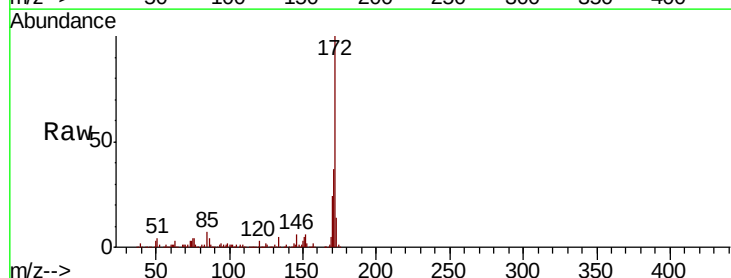
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.762 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	665490		
171	36.9	30.5	45.7	
170	24.4	20.1	30.1	

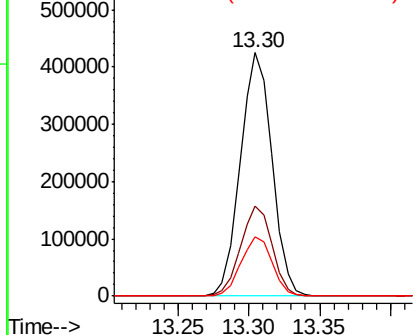
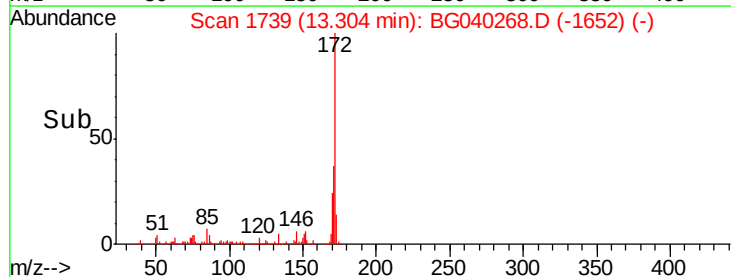


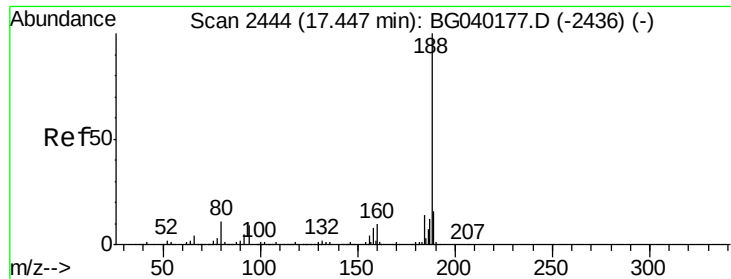
Abundance

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. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

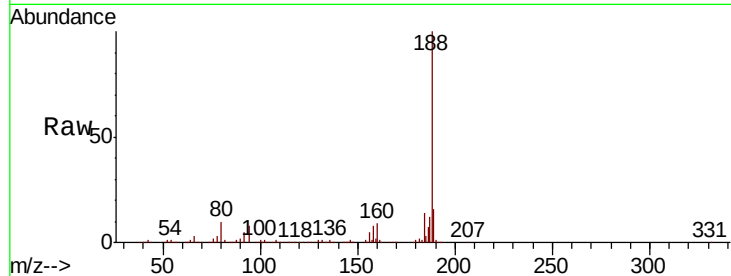
Tgt Ion:188 Resp: 449455

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

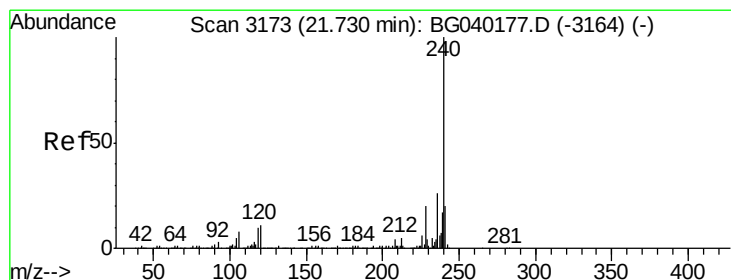
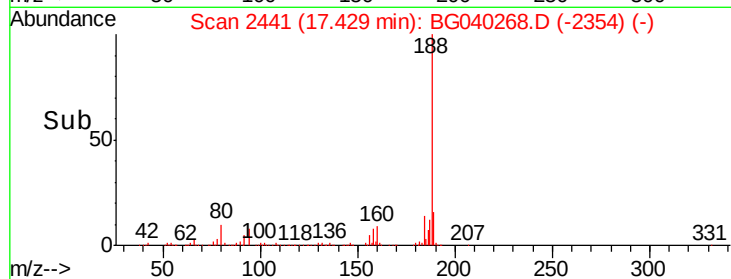
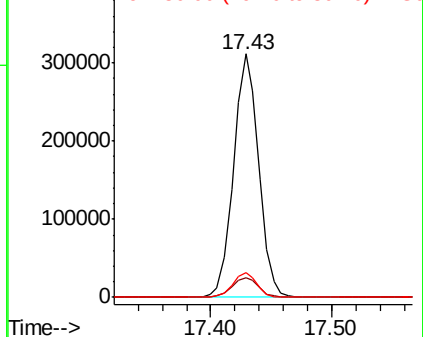
80 10.3 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

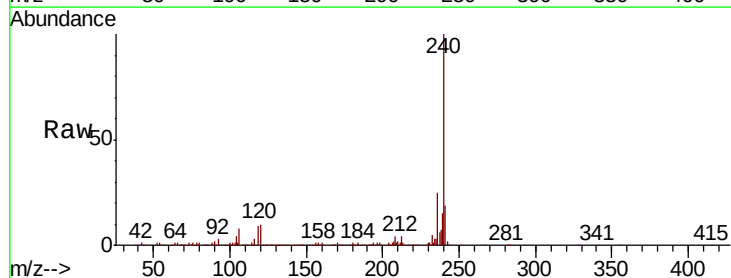
Tgt Ion:240 Resp: 455040

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

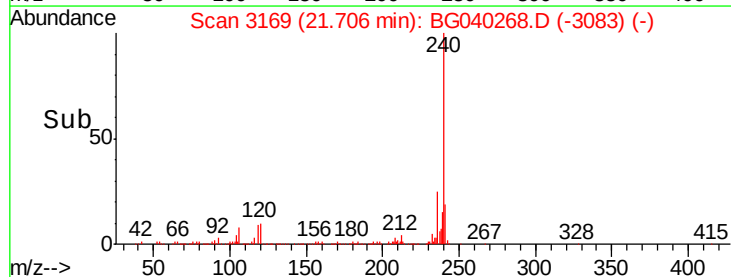
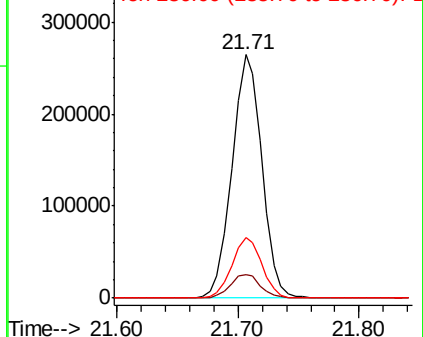
236 25.0 20.8 31.2

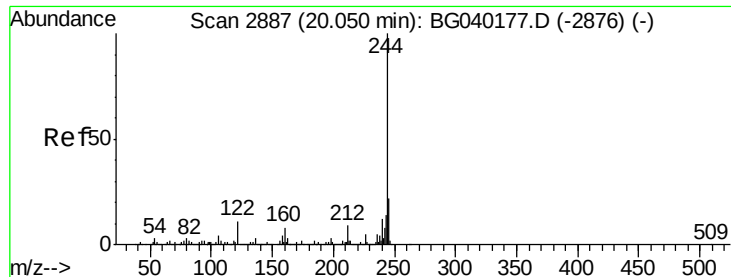


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.204 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

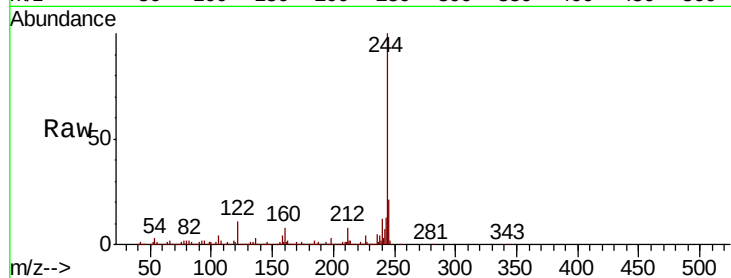
Tgt Ion:244 Resp: 1217748

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

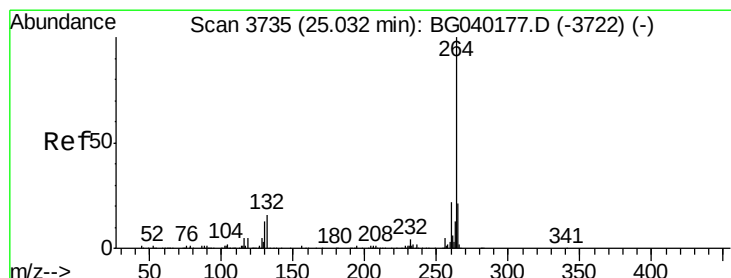
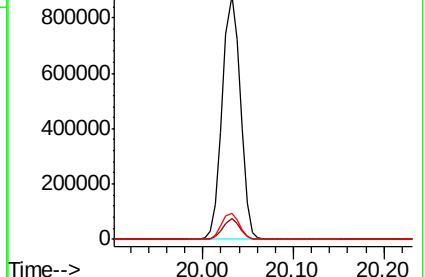
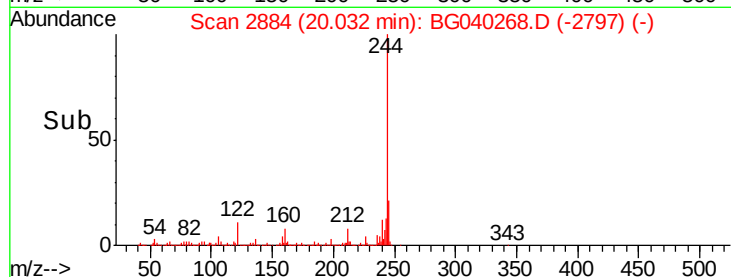
122 10.9 8.5 12.7



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: 25.00 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

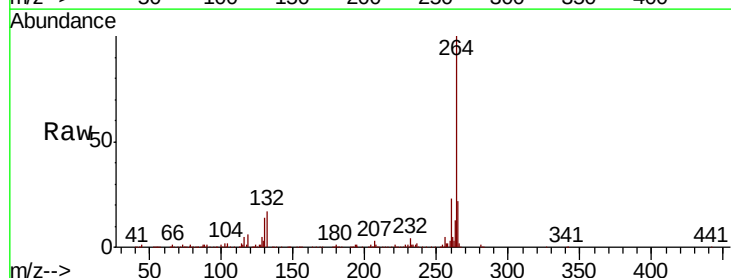
Tgt Ion:264 Resp: 455471

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.8 16.8 25.2



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

