

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040435.D
 Acq On : 11 Apr 2019 5:45
 Operator : JU/SJ
 Sample : PB118790TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118790TB

Quant Time: Apr 11 07:12:59 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	67987	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	273819	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	162618	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	400494	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	408942	20.00	ng	-0.03
87) Perylene-d12	24.97	264	392916	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	491756	120.24	ng	-0.02
7) Phenol-d6	7.21	99	670111	118.56	ng	-0.02
23) Nitrobenzene-d5	9.22	82	396594	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	215434	122.58	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	891905	81.27	ng	-0.02
79) Terphenyl-d14	20.02	244	1354001	74.49	ng	-0.03

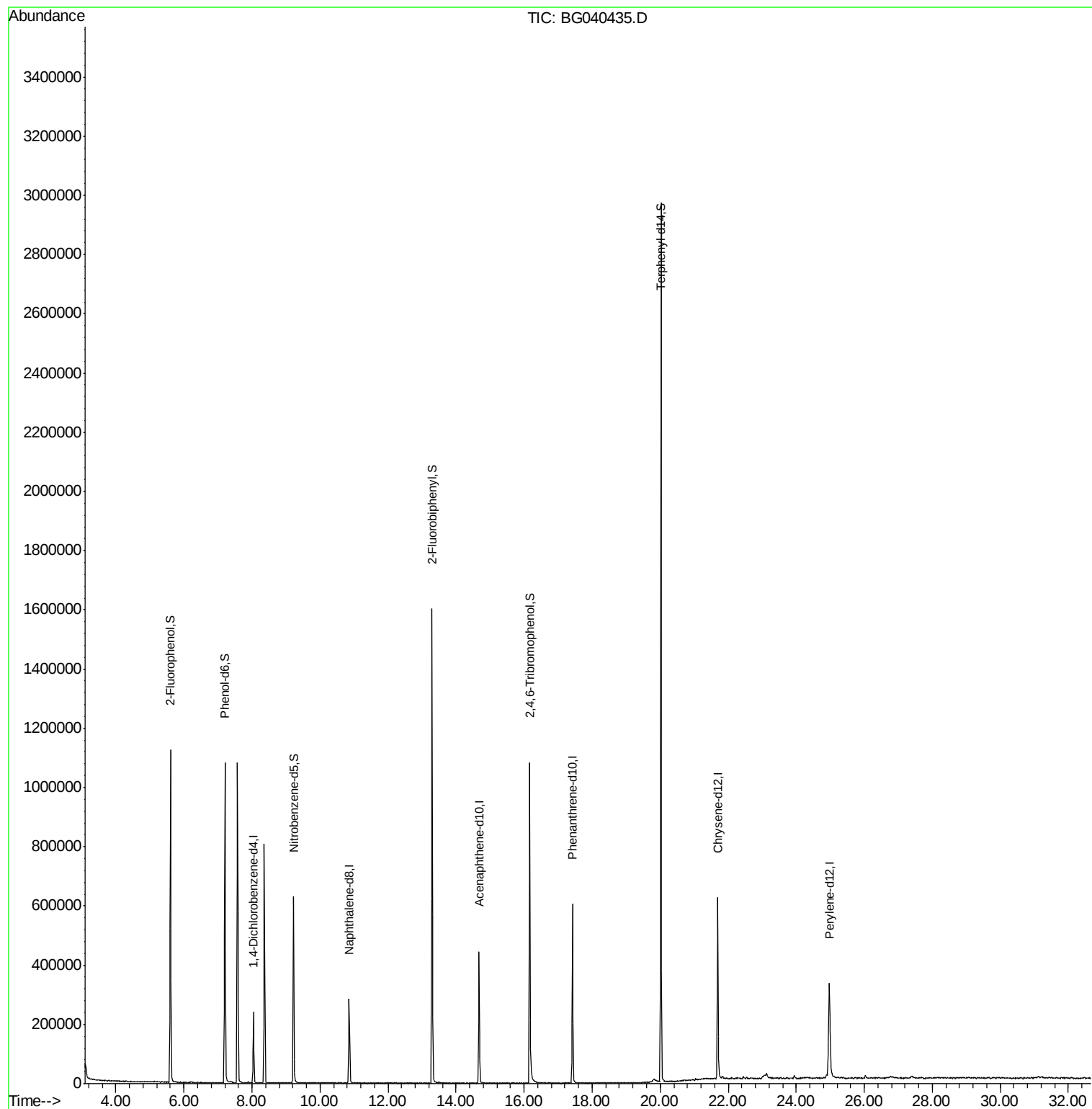
Target Compounds Qvalue

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

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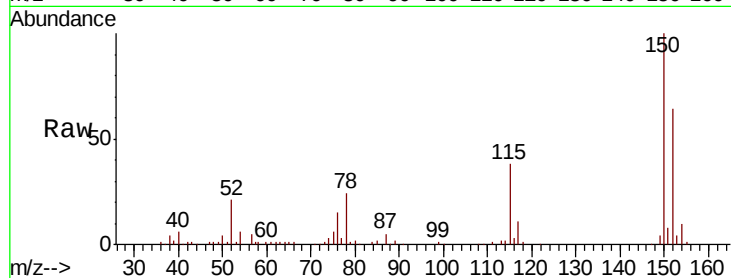


#1

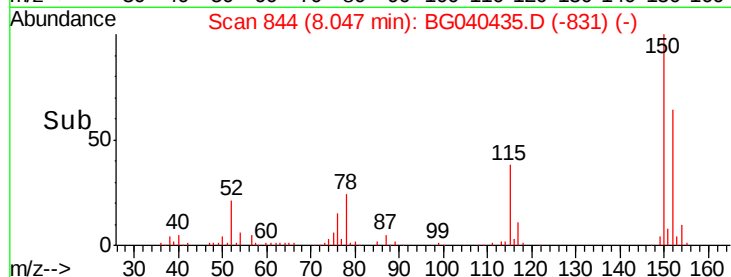
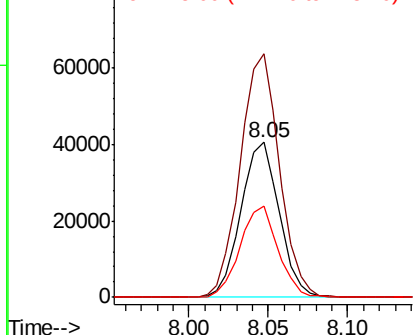
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040435.D
Acq: 11 Apr 2019 5:45

Instrument :
BNA_G
ClientSampleId :
PB118790TB

Tot Ion:152 Resp: 67987
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 59.2 46.9 70.3



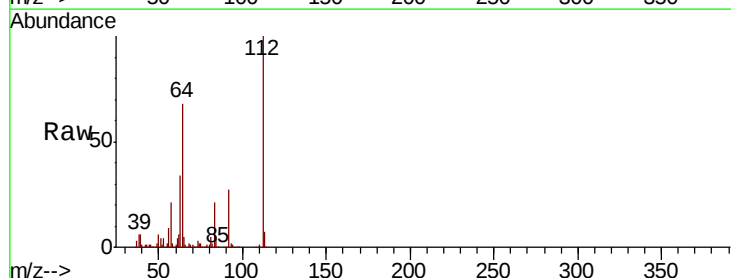
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



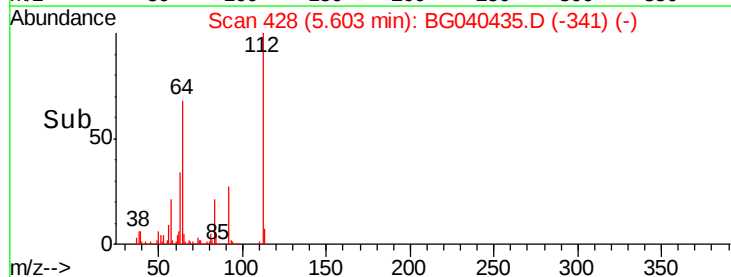
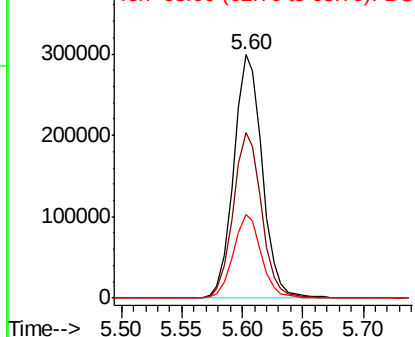
#5

2-Fluorophenol
Concen: 120.244 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040435.D
Acq: 11 Apr 2019 5:45

Tgt Ion:112 Resp: 491756
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.2
63 34.3 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: 118.562 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040435.D

Acq: 11 Apr 2019 5:45

Instrument :

BNA_G

ClientSampleId :

PB118790TB

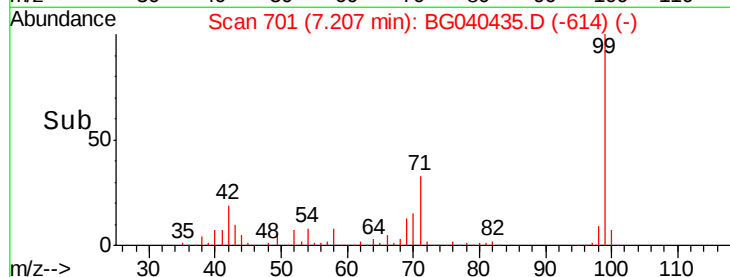
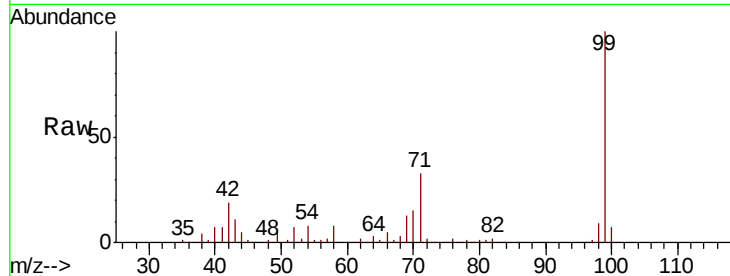
Tot Ion: 99 Resp: 670111

Ion Ratio Lower Upper

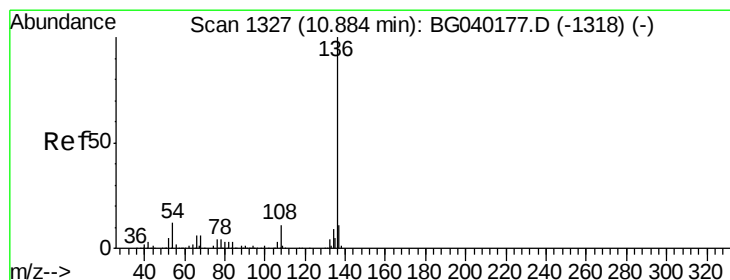
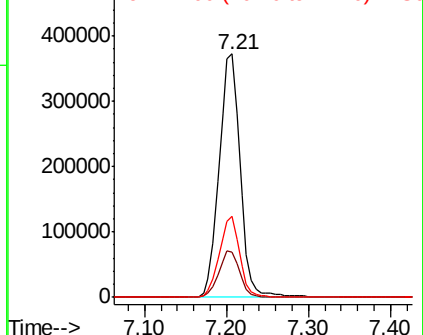
99 100

42 18.8 16.2 24.2

71 33.1 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040435.D

Acq: 11 Apr 2019 5:45

Tgt Ion: 136 Resp: 273819

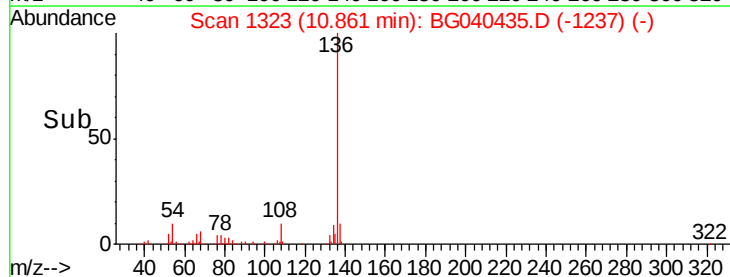
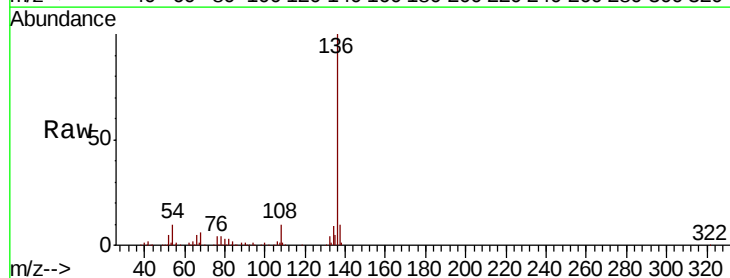
Ion Ratio Lower Upper

136 100

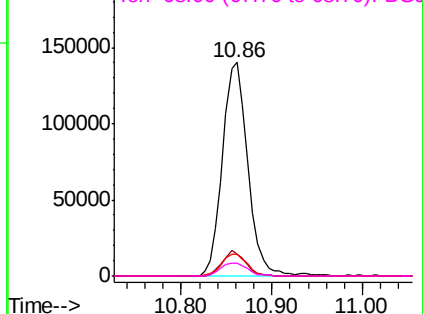
137 9.9 8.9 13.3

54 10.0 9.6 14.4

68 6.0 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

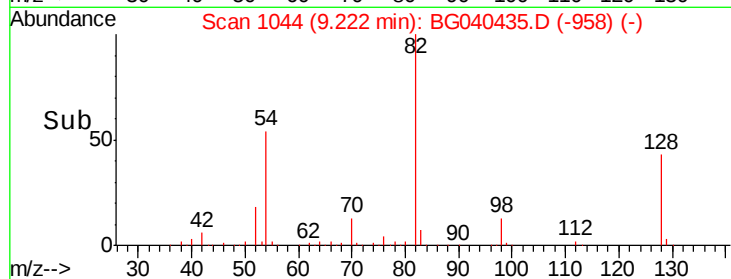
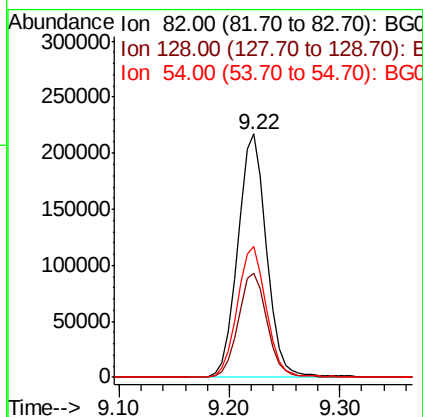
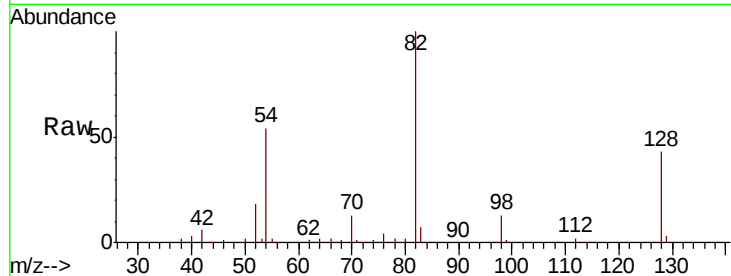




#23
 Nitrobenzene-d5
 Concen: 76.986 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040435.D
 Acq: 11 Apr 2019 5:45

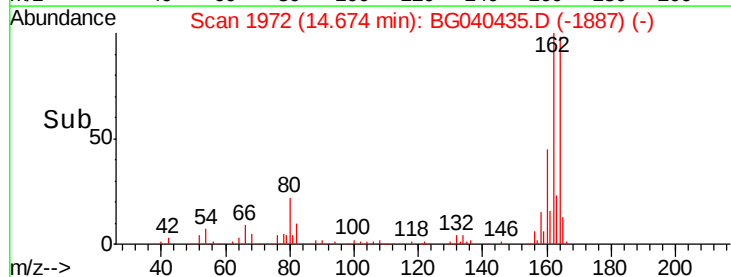
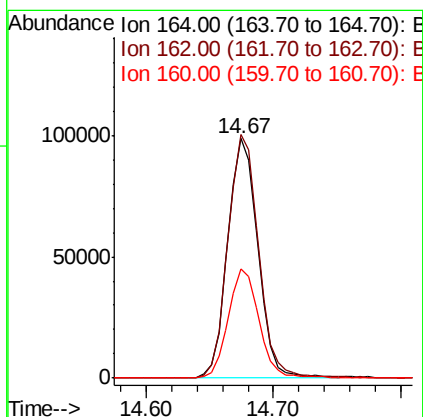
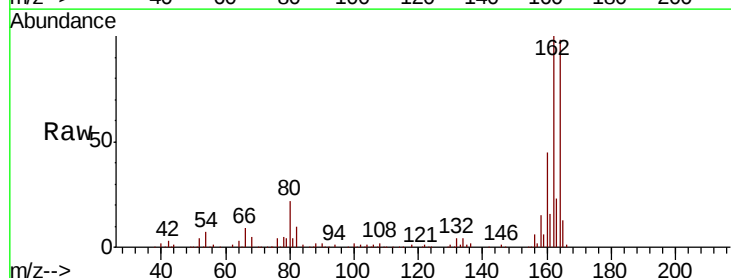
Instrument :
 BNA_G
 ClientSampleId :
 PB118790TB

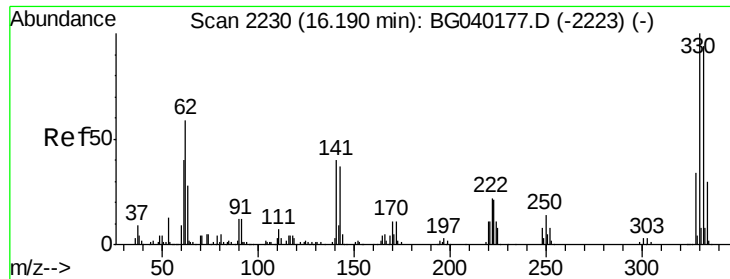
Tot Ion	82	Resp	396594
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.8	53.8
54	54.1	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040435.D
 Acq: 11 Apr 2019 5:45

Tgt Ion	164	Resp	162618
Ion Ratio	Lower	Upper	
164	100		
162	101.8	77.4	116.2
160	45.5	35.3	52.9

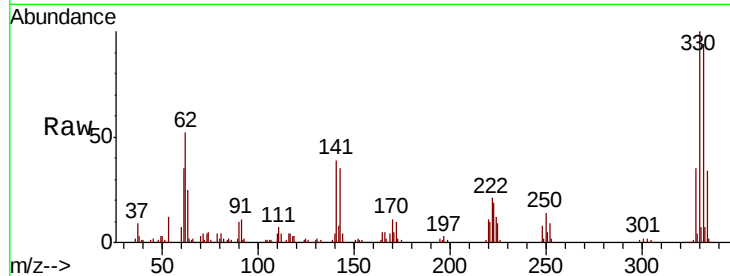




#42
 2,4,6-Tribromophenol
 Concen: 122.581 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040435.D
 Acq: 11 Apr 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :
 PB118790TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.6	32.6	48.8

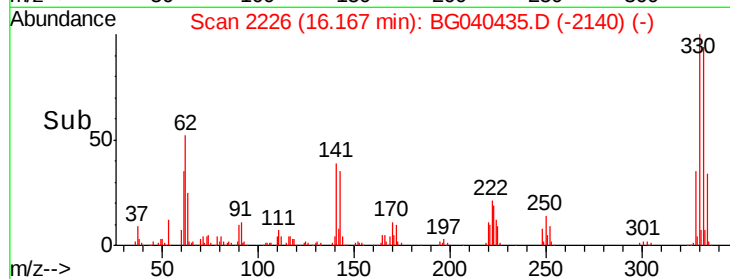
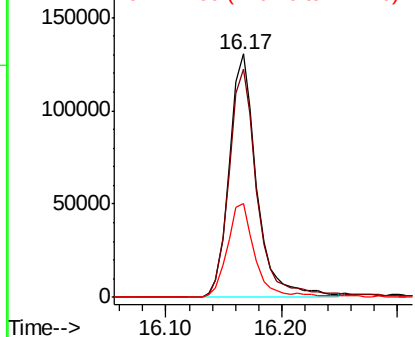


Abundance

Ion 329.80 (329.50 to 330.50): E

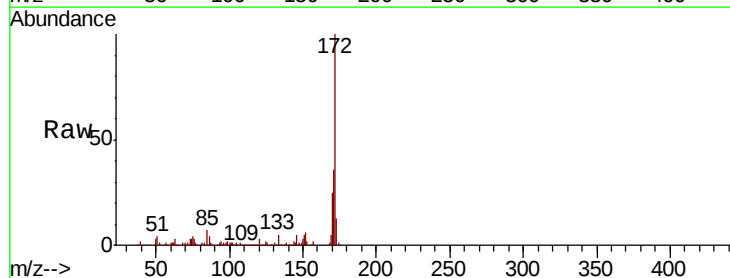
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.270 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040435.D
 Acq: 11 Apr 2019 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	25.0	20.1	30.1

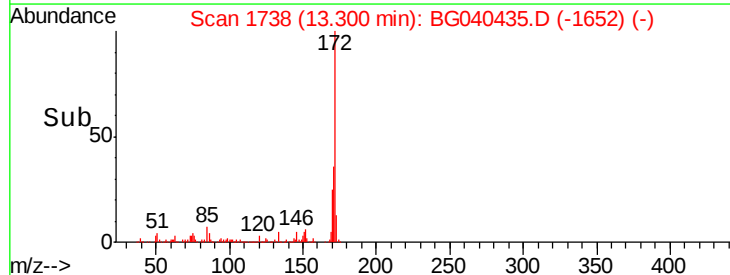
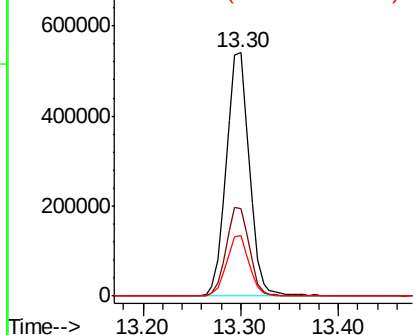


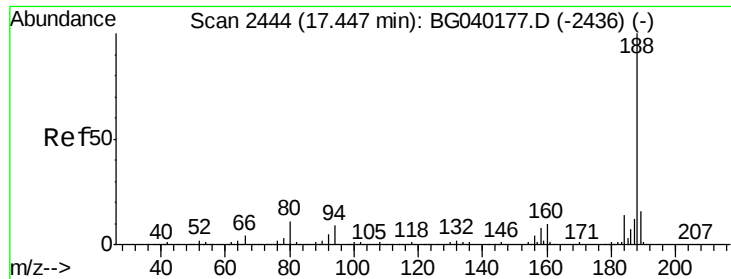
Abundance

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

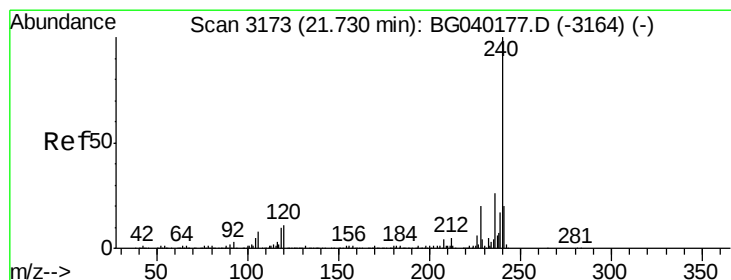
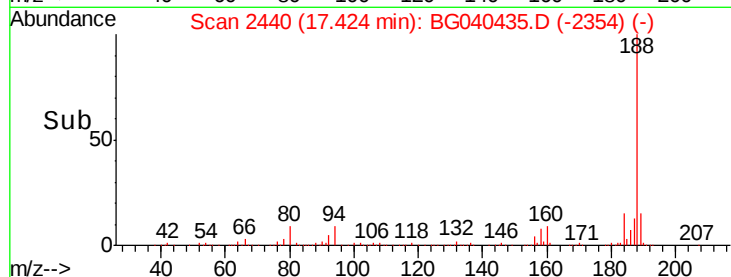
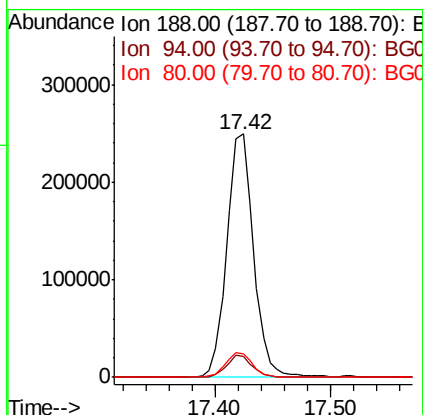
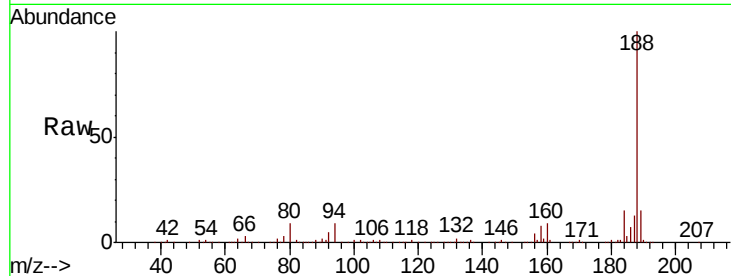




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040435.D
Acq: 11 Apr 2019 5:45

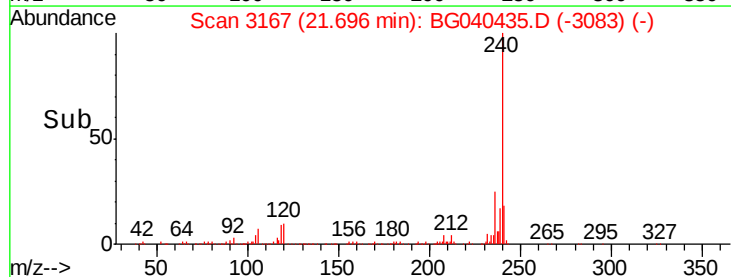
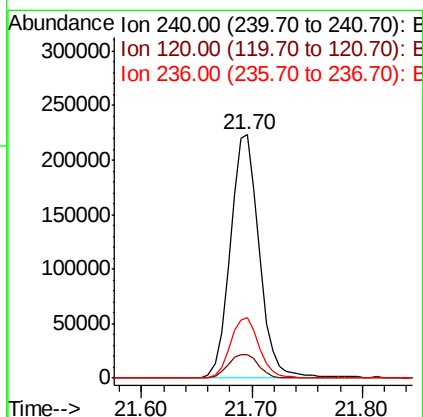
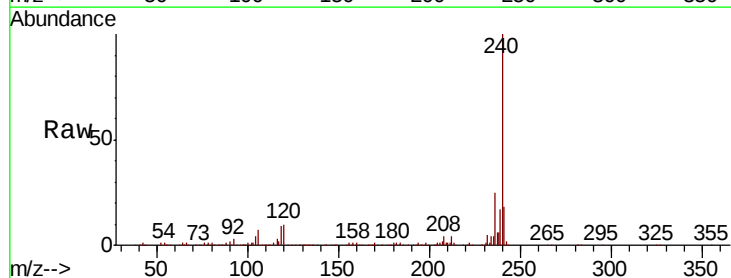
Instrument :
BNA_G
ClientSampleId :
PB118790TB

Tot Ion:188 Resp: 400494
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040435.D
Acq: 11 Apr 2019 5:45

Tgt Ion:240 Resp: 408942
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 74.486 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040435.D

Acq: 11 Apr 2019 5:45

Instrument :

BNA_G

ClientSampleId :

PB118790TB

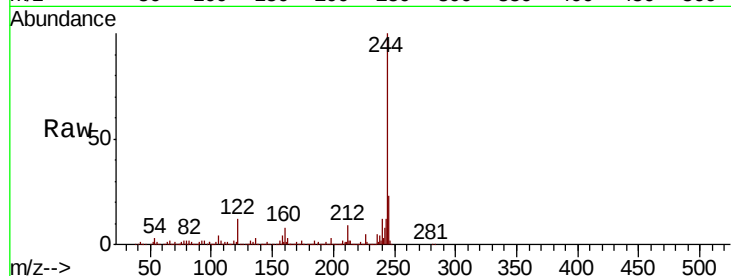
Tot Ion:244 Resp: 1354001

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

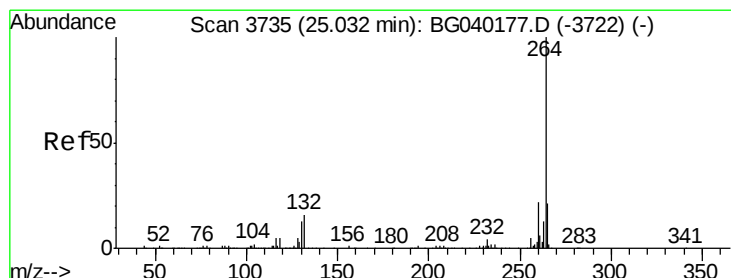
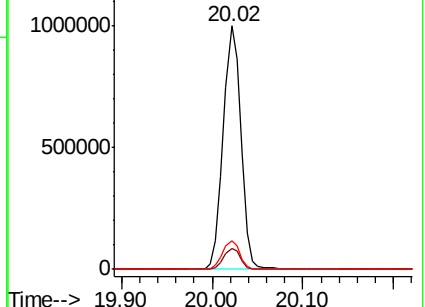
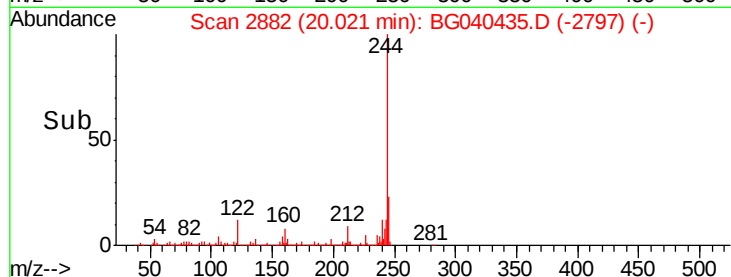
122 11.5 8.5 12.7



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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040435.D

Acq: 11 Apr 2019 5:45

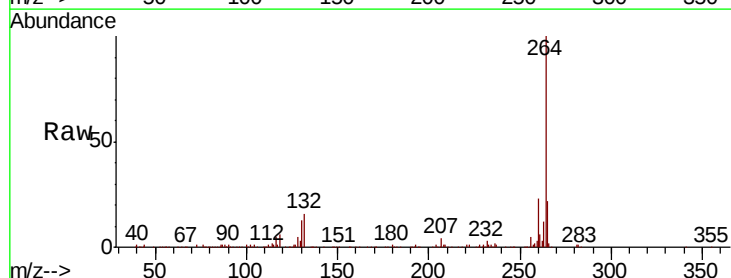
Tgt Ion:264 Resp: 392916

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 22.1 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

