

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043949.D
 Acq On : 7 Jan 2020 10:37
 Operator : JU
 Sample : PB125875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125875BL

Quant Time: Jan 07 16:51:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	118331	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	523166	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	358194	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	774896	20.00	ng	0.00
76) Chrysene-d12	21.58	240	681791	20.00	ng	-0.01
87) Perylene-d12	24.71	264	747653	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	520396	80.75	ng	0.00
7) Phenol-d6	7.12	99	481037	53.40	ng	0.00
23) Nitrobenzene-d5	9.12	82	743861	76.06	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	459643	122.62	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1648239	83.37	ng	0.00
79) Terphenyl-d14	19.95	244	2374600	83.61	ng	0.00

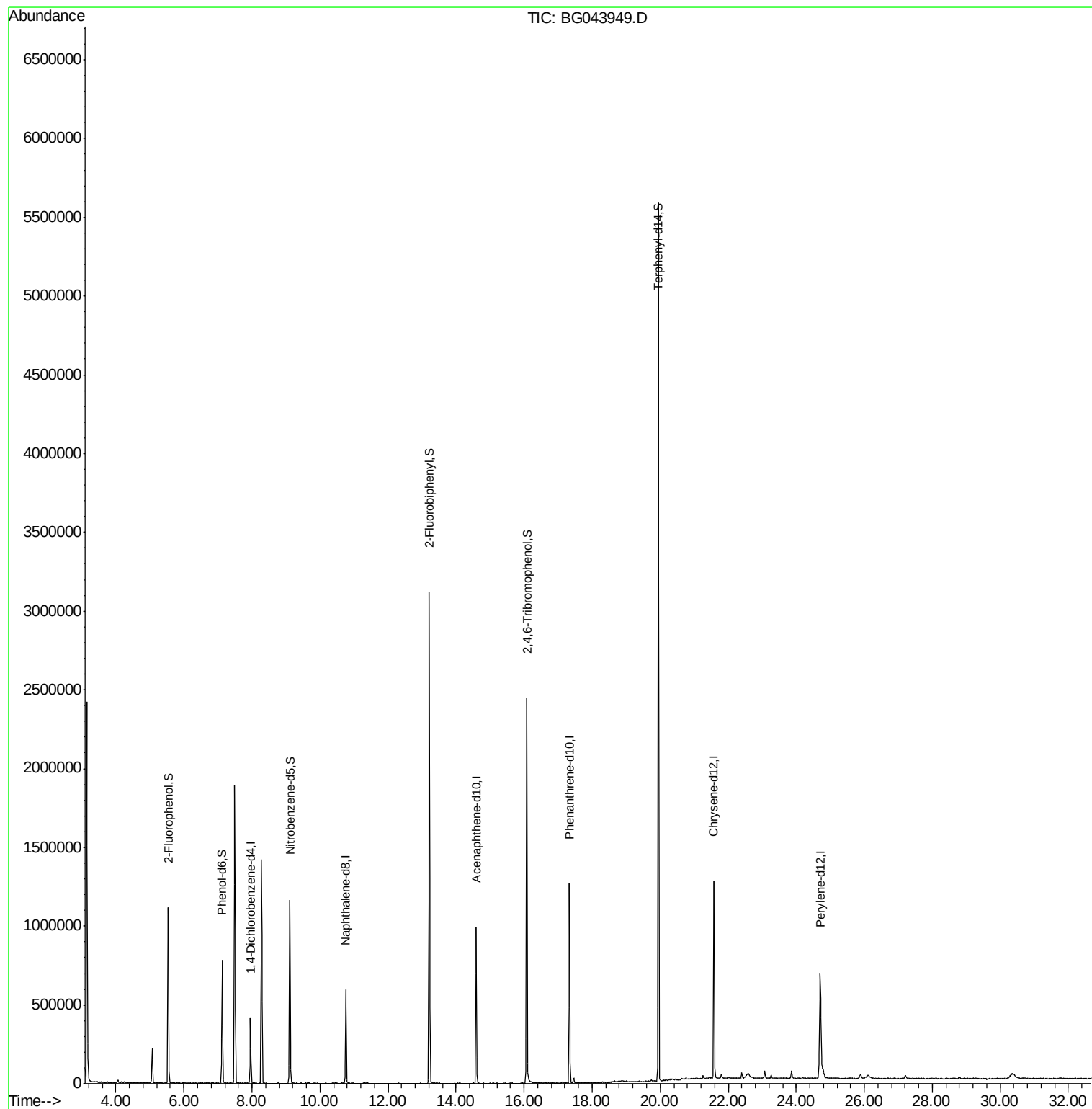
Target Compounds Qvalue

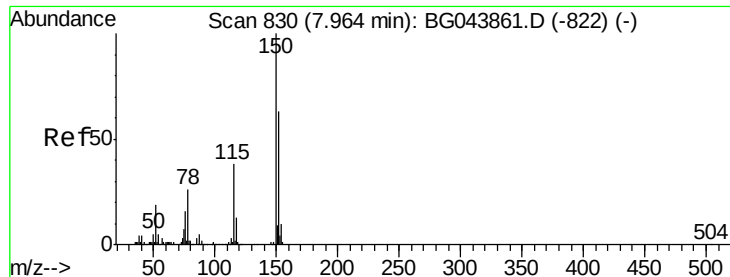
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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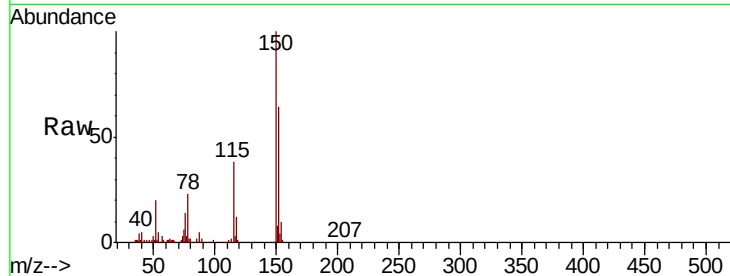


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043949.D
Acq: 7 Jan 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.4
115	58.5	47.8	71.8

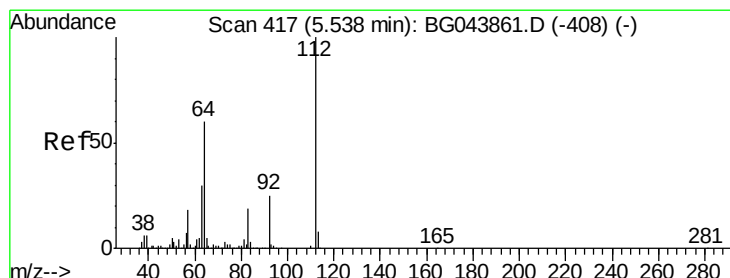
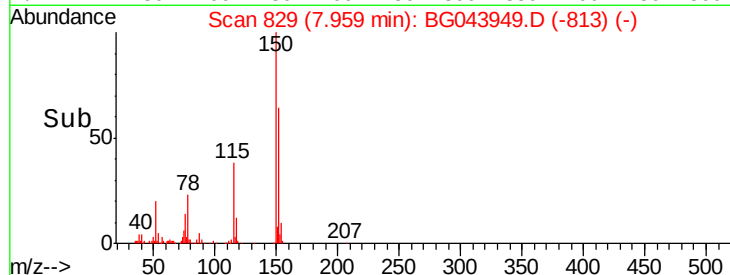
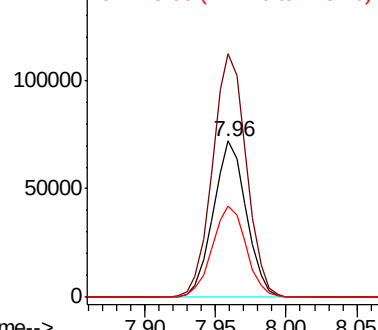


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

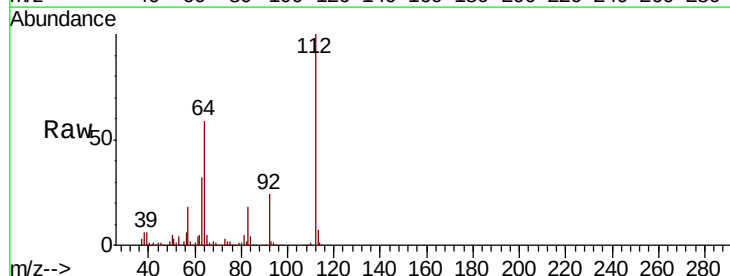
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.749 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043949.D
Acq: 7 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.8	71.6
63	31.5	24.3	36.5

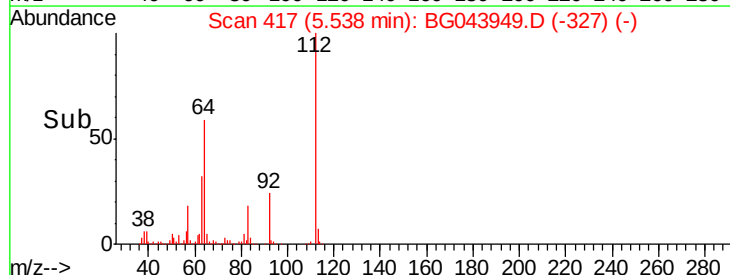
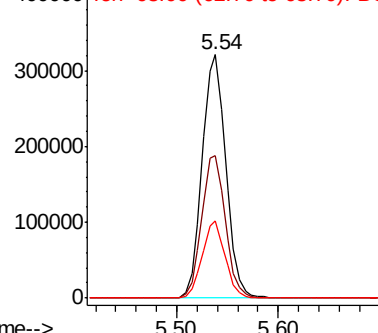


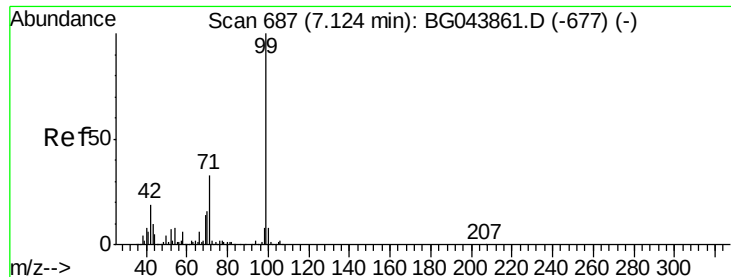
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 53.399 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB125875BL

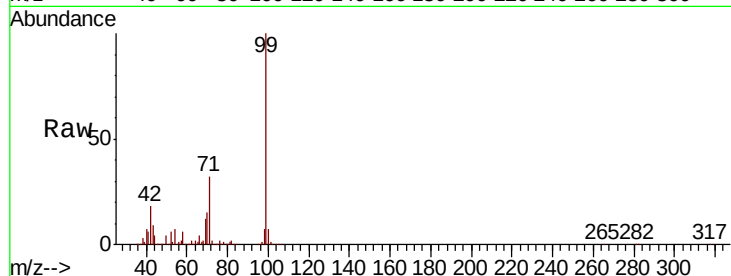
Tot Ion: 99 Resp: 481037

Ion Ratio Lower Upper

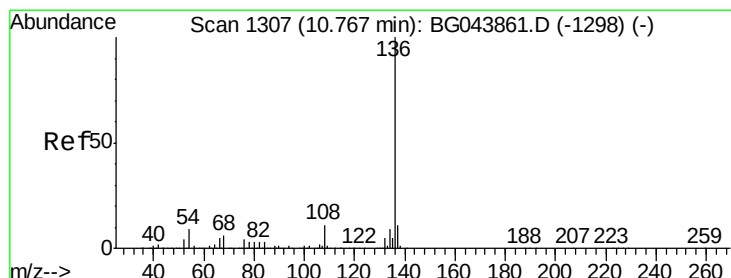
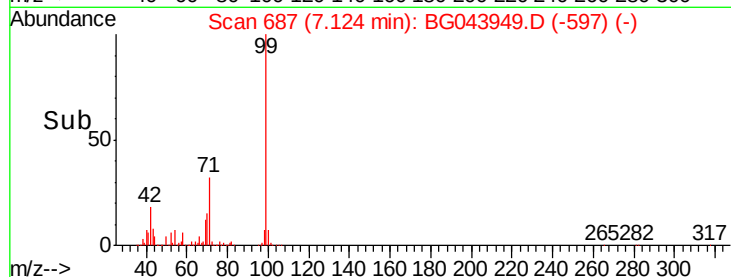
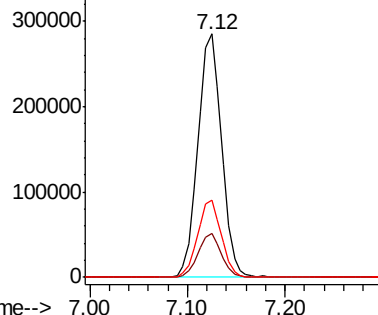
99 100

42 18.0 14.9 22.3

71 31.6 26.4 39.6



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: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Tgt Ion: 136 Resp: 523166

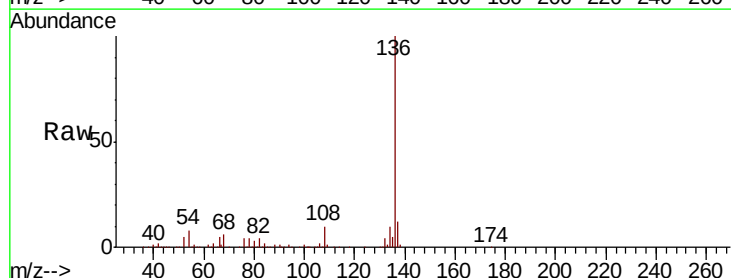
Ion Ratio Lower Upper

136 100

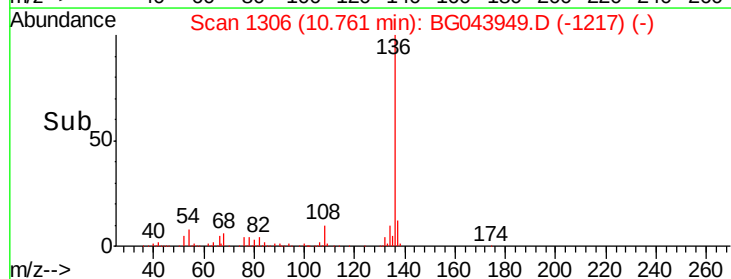
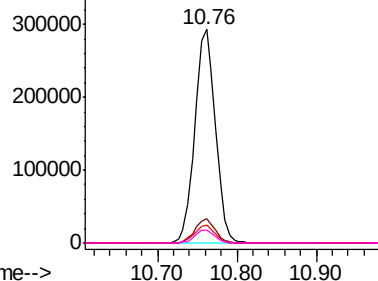
137 11.5 8.8 13.2

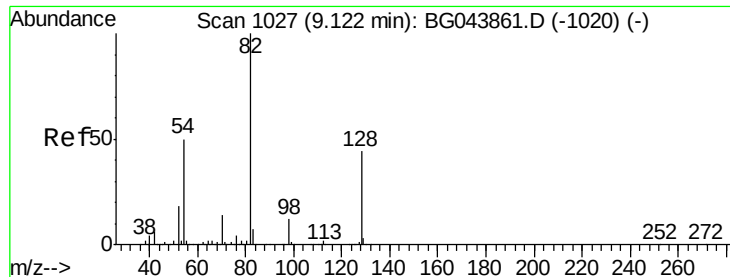
54 8.2 7.0 10.4

68 5.8 4.9 7.3



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

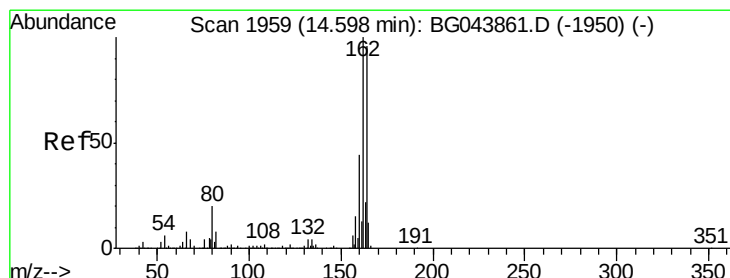
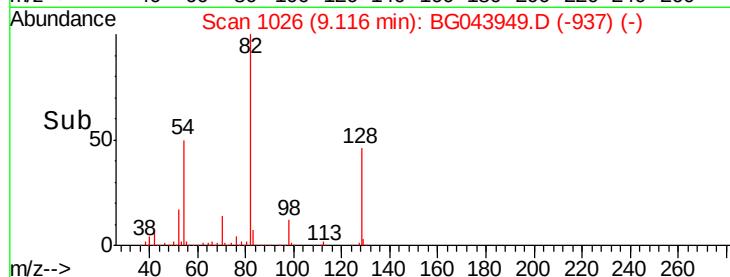
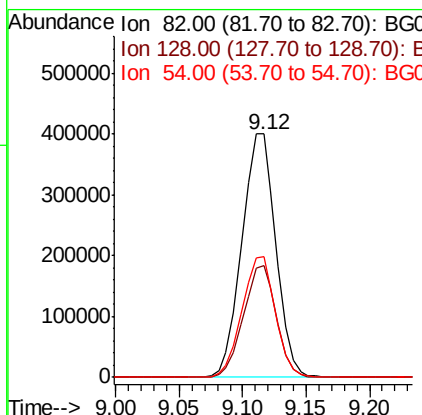
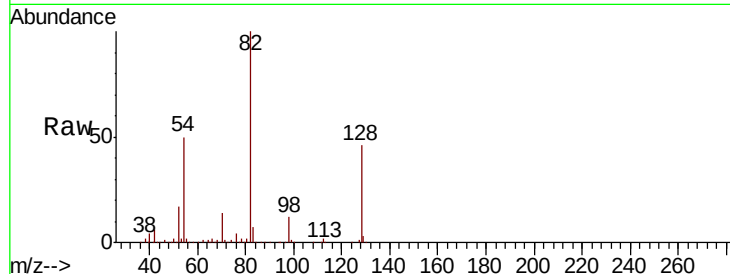




#23
Nitrobenzene-d5
Concen: 76.063 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043949.D
Acq: 7 Jan 2020 10:37

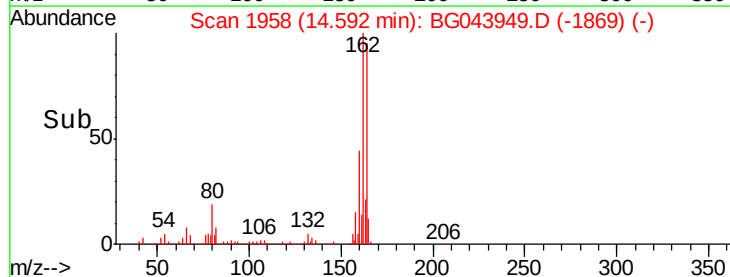
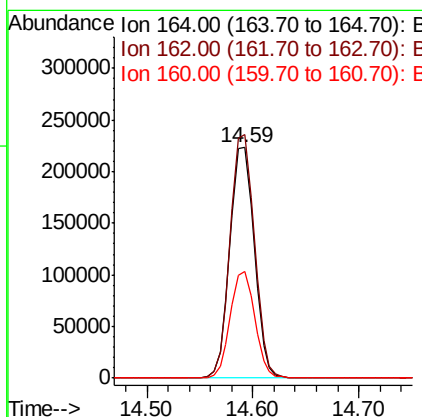
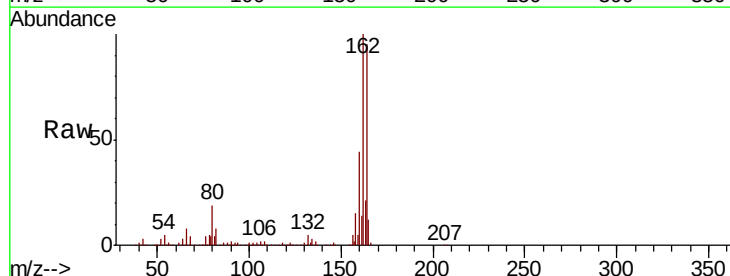
Instrument :
BNA_G
ClientSampleId :
PB125875BL

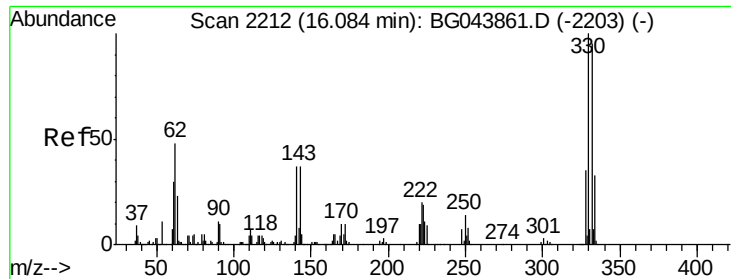
Tot Ion	82	Resp	743861
Ion Ratio	Lower	Upper	
82	100		
128	45.9	35.1	52.7
54	49.7	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043949.D
Acq: 7 Jan 2020 10:37

Tgt Ion	164	Resp	358194
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.4
160	46.0	36.1	54.1

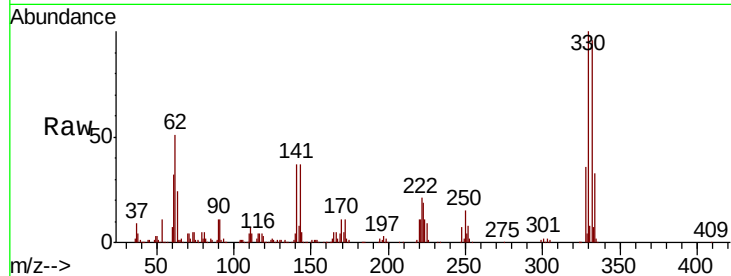




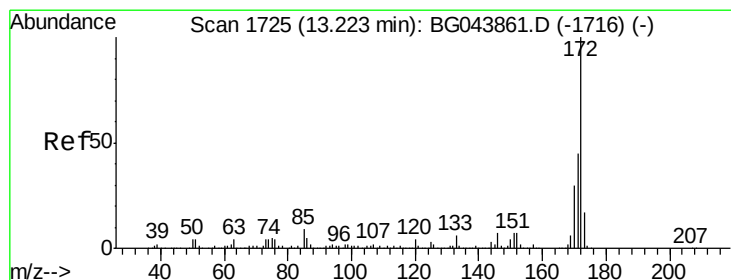
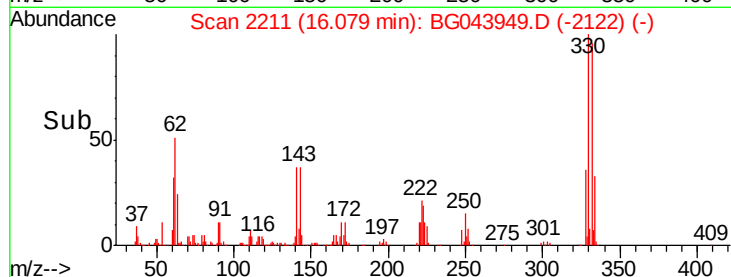
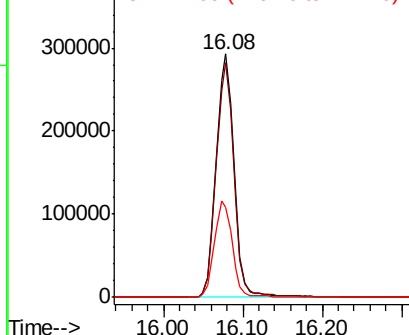
#42
 2,4,6-Tribromophenol
 Concen: 122.623 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043949.D
 Acq: 7 Jan 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB125875BL

Tot Ion:330 Resp: 459643
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 39.6 33.1 49.7

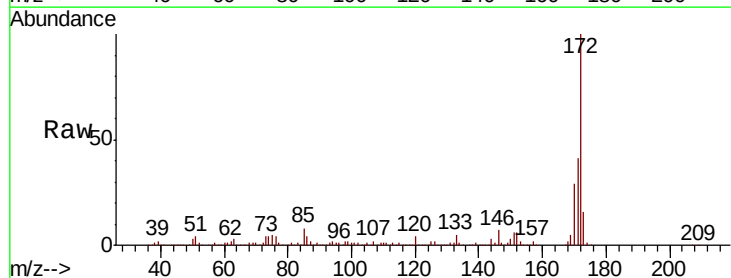


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

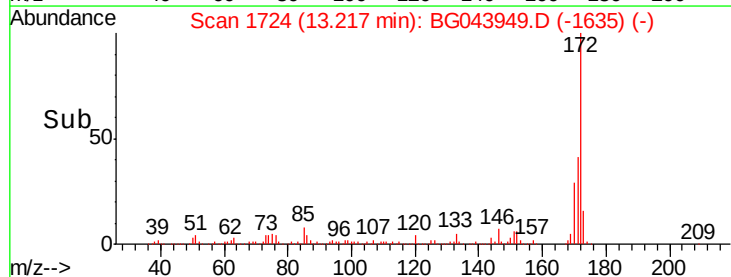
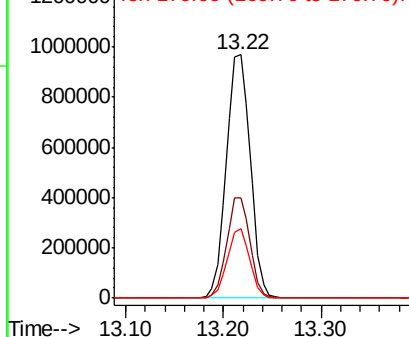


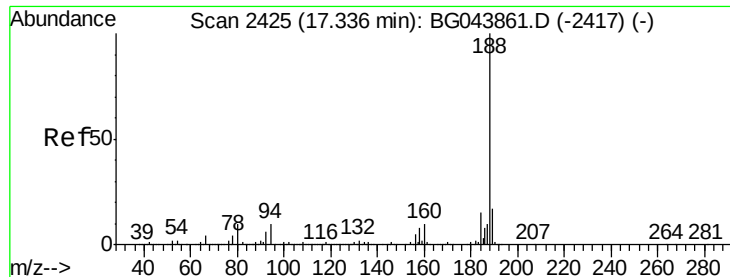
#45
 2-Fluorobiphenyl
 Concen: 83.369 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043949.D
 Acq: 7 Jan 2020 10:37

Tgt Ion:172 Resp: 1648239
 Ion Ratio Lower Upper
 172 100
 171 41.4 35.8 53.8
 170 28.7 24.2 36.4



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: 17.33 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Instrument :

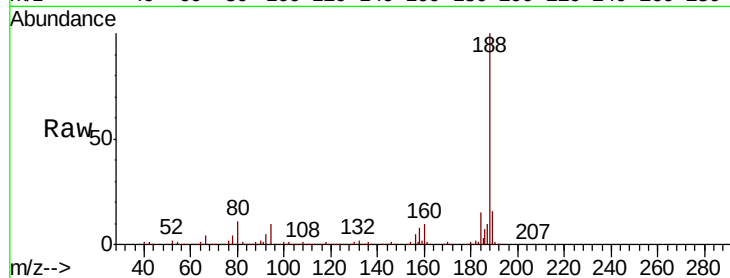
BNA_G

ClientSampleId :

PB125875BL

Tot Ion:188 Resp: 774896

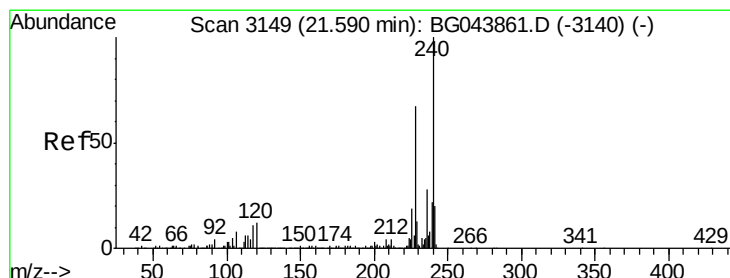
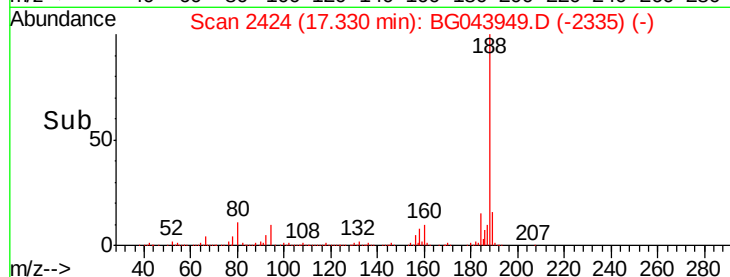
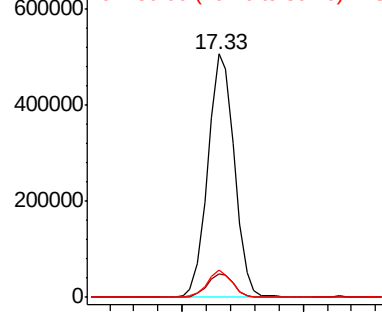
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	11.2	8.2	12.4



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: 21.58 min Scan# 3147

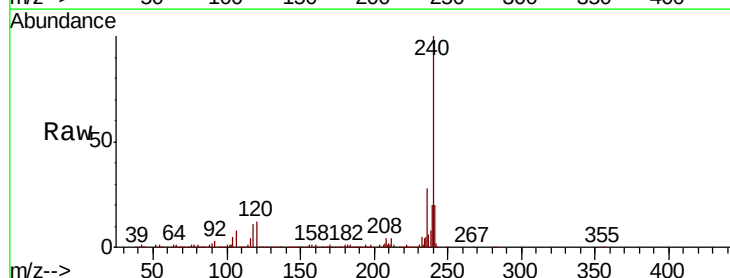
Delta R.T. -0.01 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Tgt Ion:240 Resp: 681791

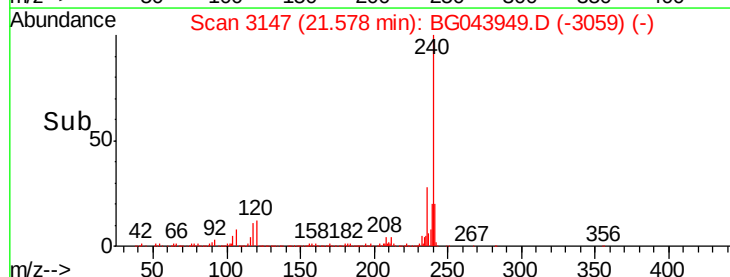
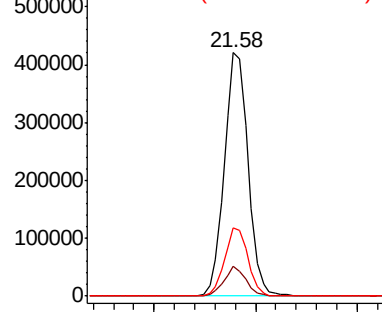
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.6	14.4
236	28.2	22.2	33.2

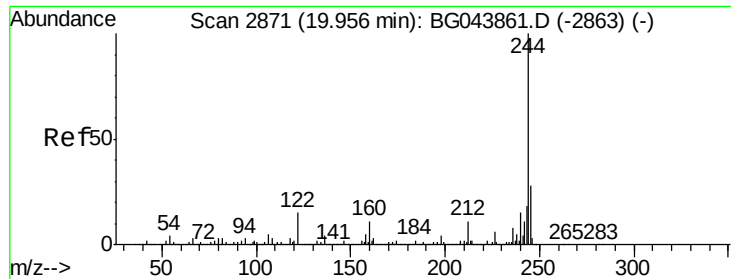


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.611 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Instrument :

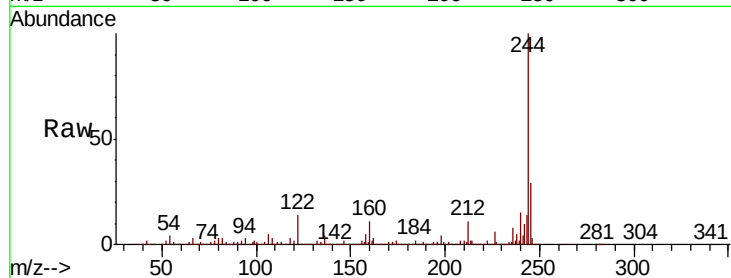
BNA_G

ClientSampleId :

PB125875BL

Tot Ion:244 Resp: 2374600

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.6	13.0
122	14.4	11.9	17.9

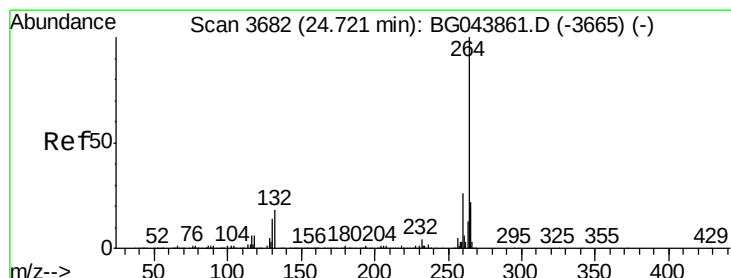
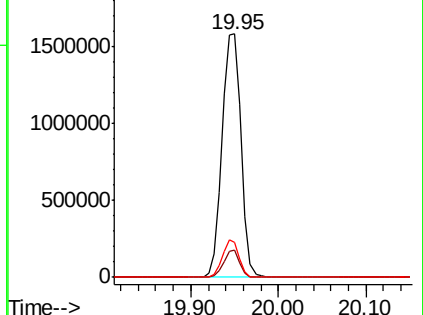
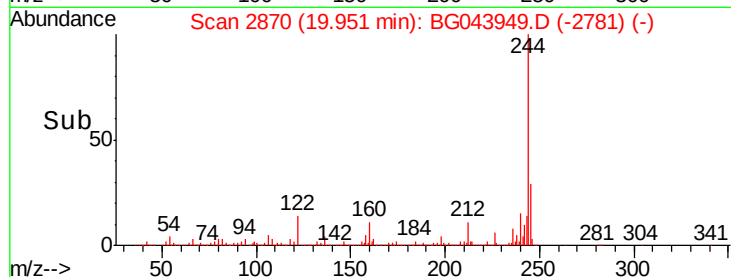


Abundance

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: 24.71 min Scan# 3680

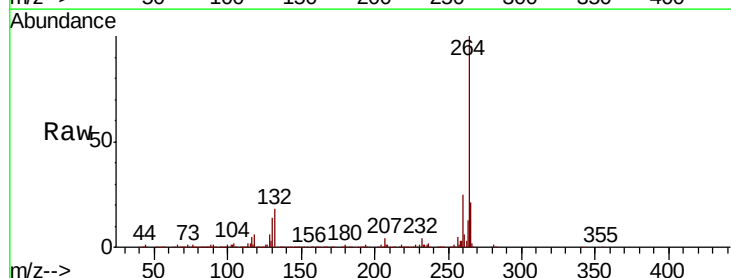
Delta R.T. -0.01 min

Lab File: BG043949.D

Acq: 7 Jan 2020 10:37

Tgt Ion:264 Resp: 747653

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	21.2	17.4	26.2



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

