

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044838.D
 Acq On : 17 Mar 2020 18:31
 Operator : CG/JU
 Sample : PB127438BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127438BL

Quant Time: Mar 17 19:09:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80400	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	297755	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	202327	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	508965	20.00	ng	0.00
76) Chrysene-d12	21.69	240	496948	20.00	ng	0.00
87) Perylene-d12	24.90	264	547076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	624888	120.99	ng	0.00
7) Phenol-d6	7.20	99	861346	114.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	561829	82.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	401598	151.59	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1186491	83.98	ng	0.00
79) Terphenyl-d14	20.03	244	2319592	87.31	ng	0.00

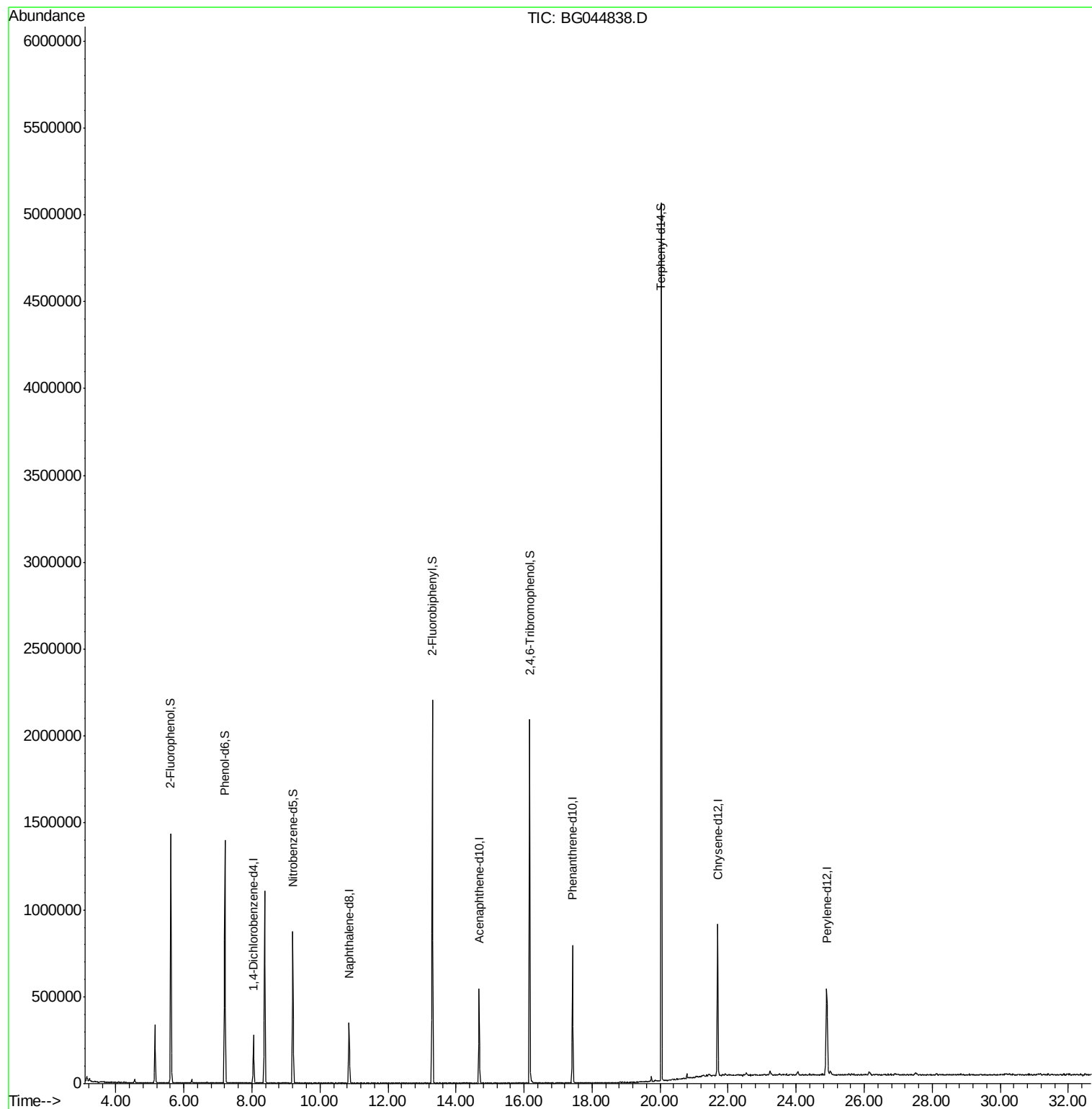
Target Compounds Qvalue

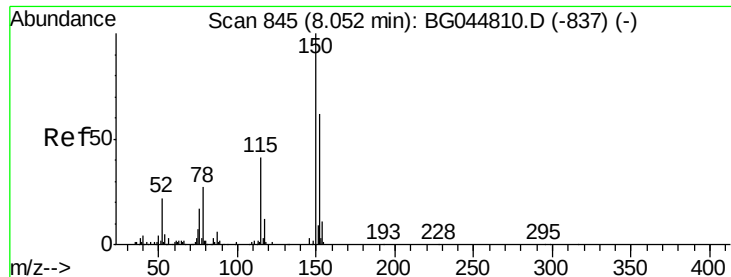
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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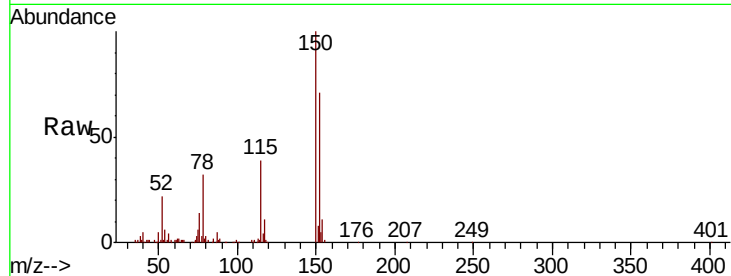


#1

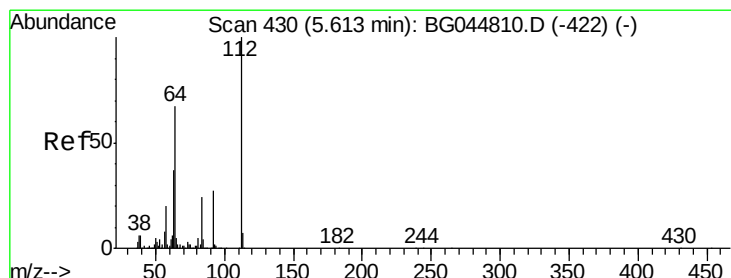
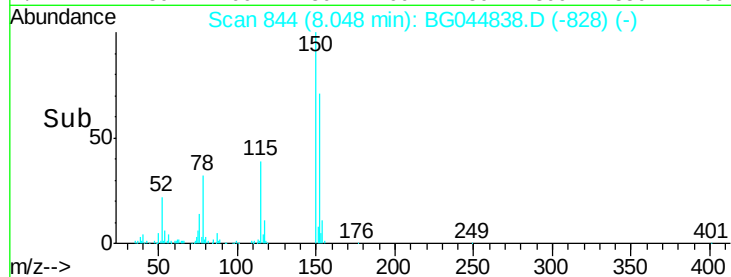
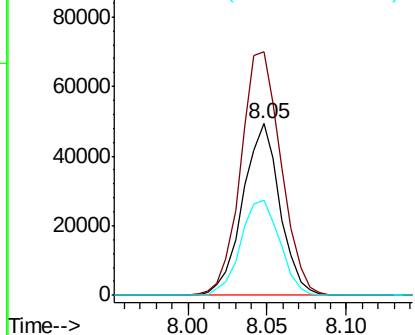
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PB127438BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	128.8	193.2
115	55.4	52.6	79.0



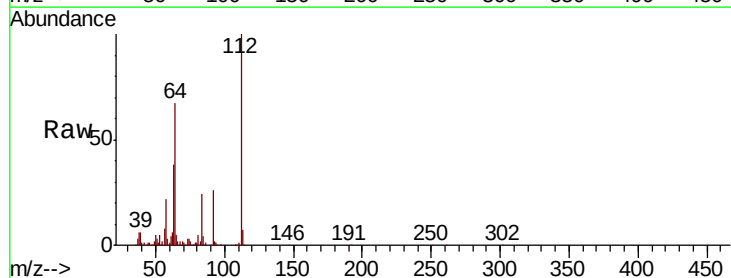
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



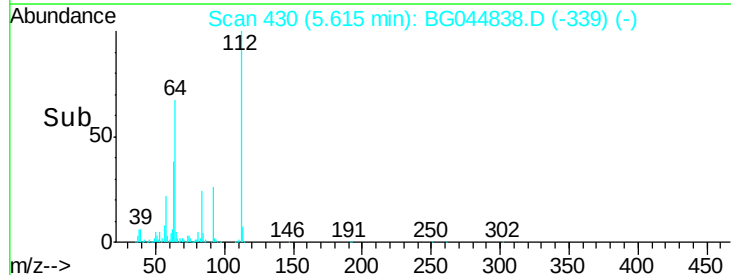
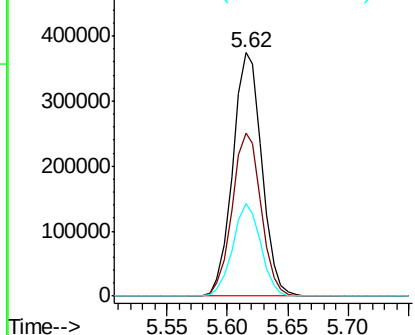
#5

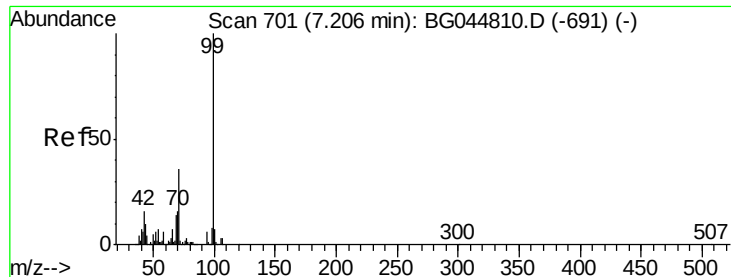
2-Fluorophenol
 Concen: 120.990 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.4	80.2
63	38.2	29.4	44.2



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: 114.784 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

Instrument :

BNA_G

ClientSampleId :

PB127438BL

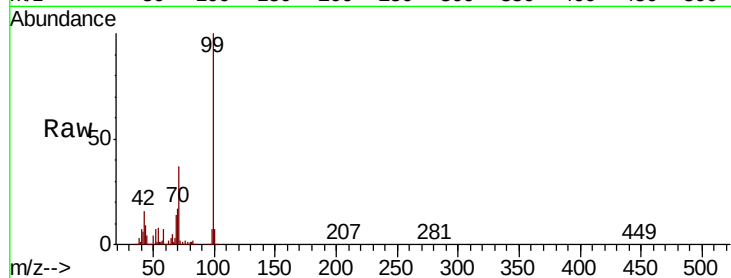
Tot Ion: 99 Resp: 861346

Ion Ratio Lower Upper

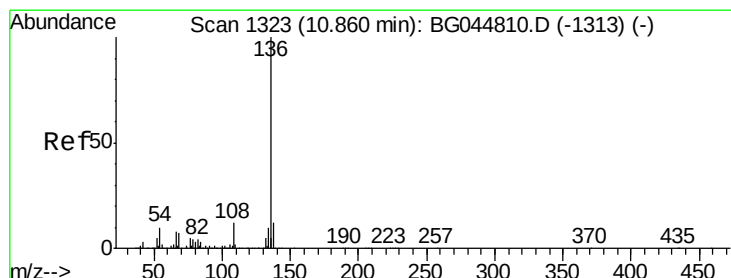
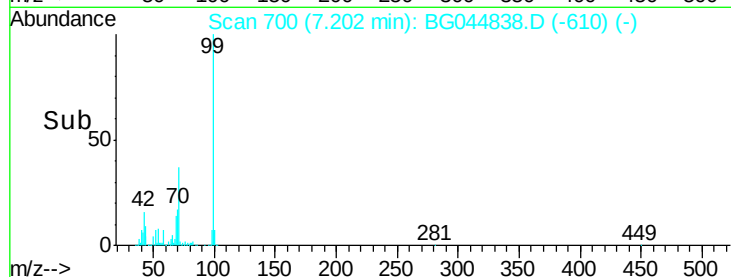
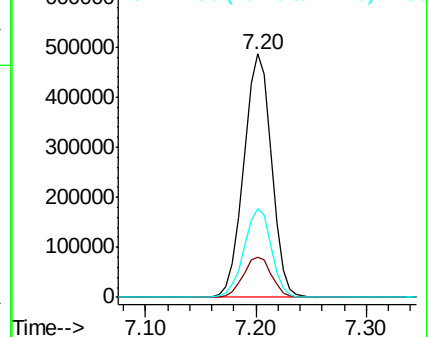
99 100

42 16.5 12.6 19.0

71 36.6 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

Tgt Ion: 136 Resp: 297755

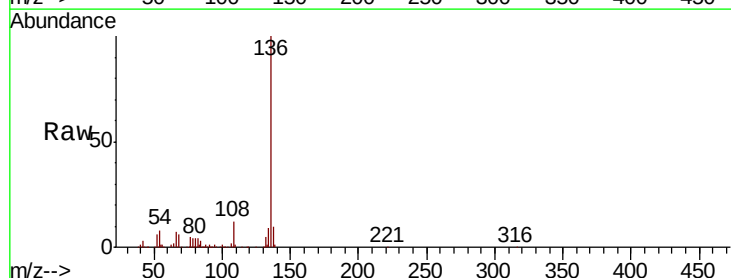
Ion Ratio Lower Upper

136 100

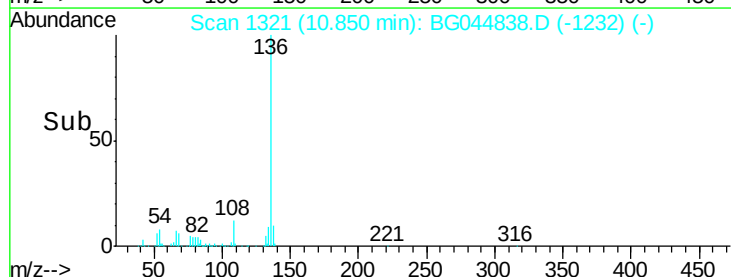
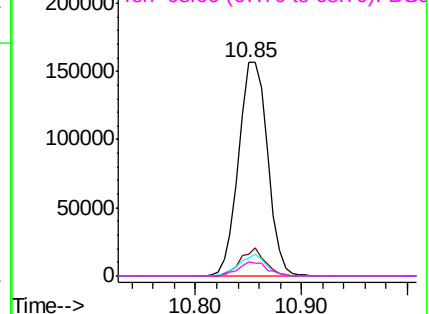
137 10.3 9.8 14.6

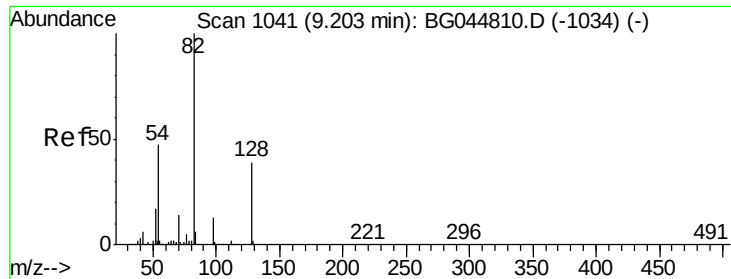
54 8.5 7.9 11.9

68 6.5 5.4 8.0



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

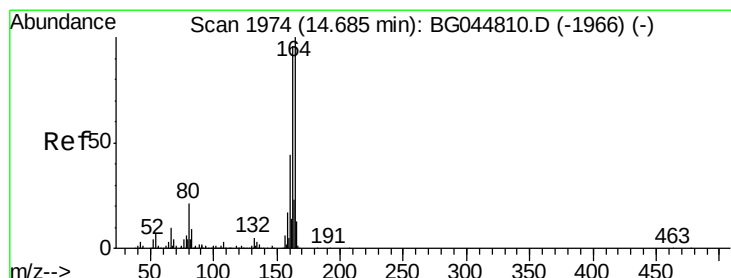
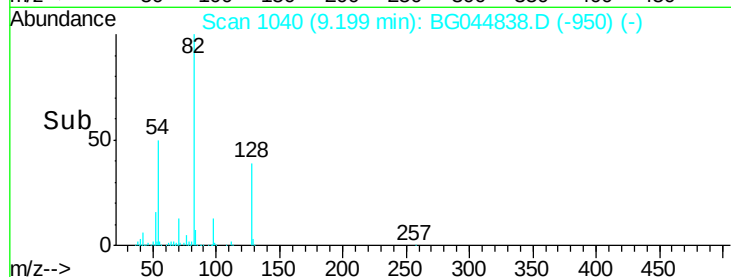
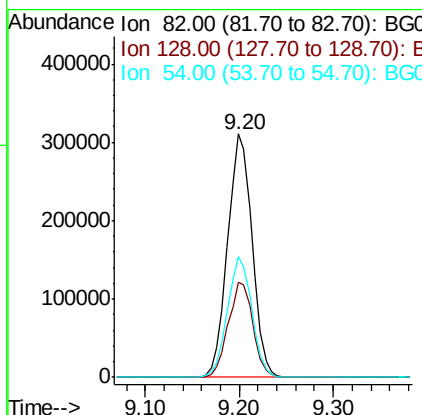
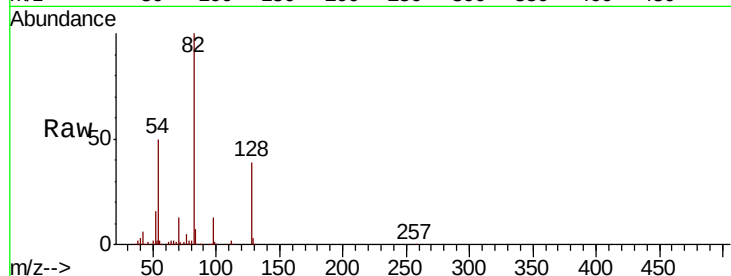




#23
 Nitrobenzene-d5
 Concen: 82.799 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

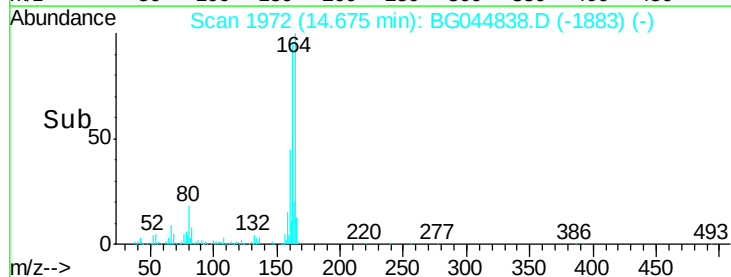
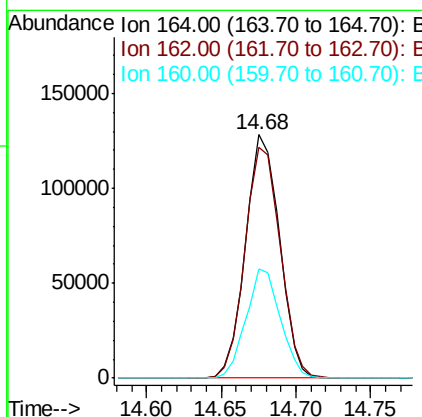
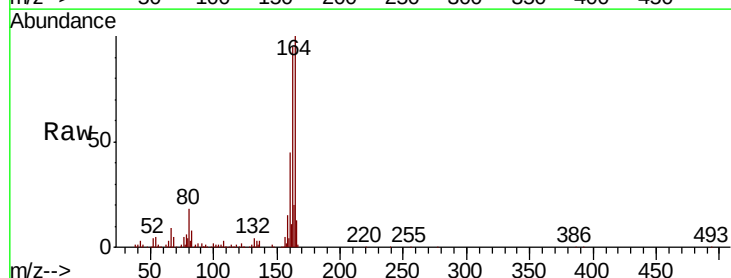
Instrument :
 BNA_G
 ClientSampleId :
 PB127438BL

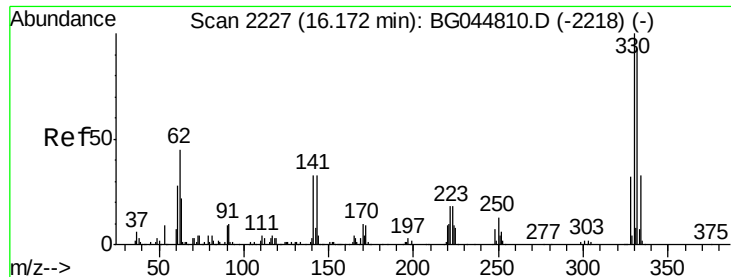
Tot Ion	82	Resp	561829
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.6	46.0
54	49.6	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

Tgt Ion	164	Resp	202327
Ion Ratio	Lower	Upper	
164	100		
162	94.7	76.7	115.1
160	44.7	35.0	52.4

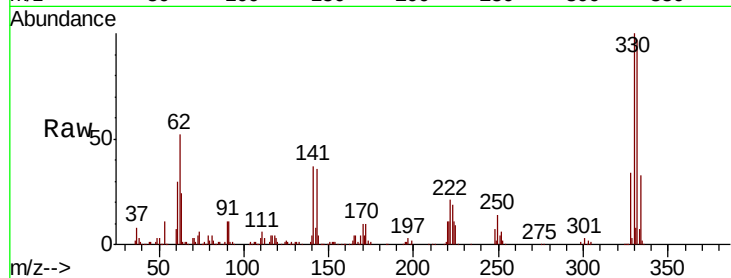




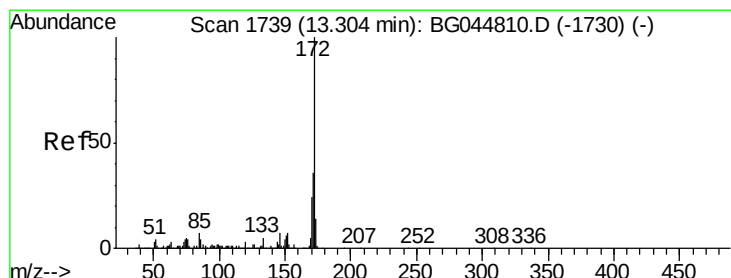
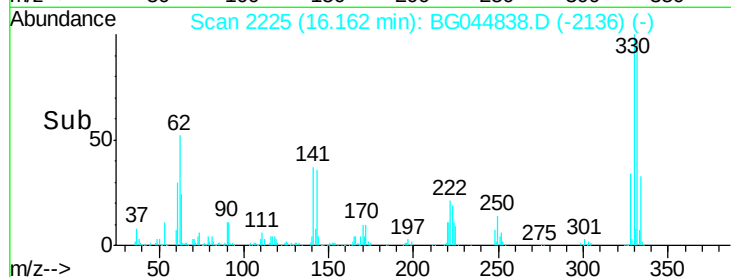
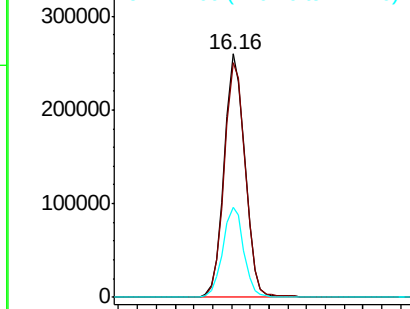
#42
 2,4,6-Tribromophenol
 Concen: 151.594 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PB127438BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.6
141	37.2	29.5	44.3

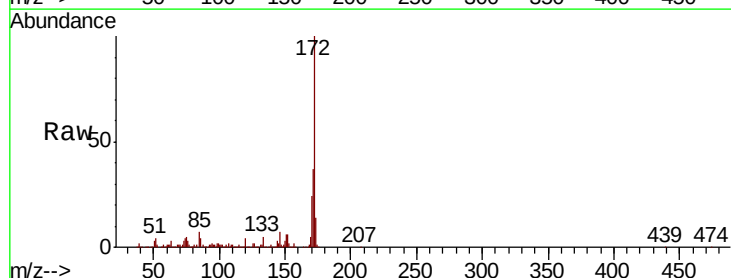


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

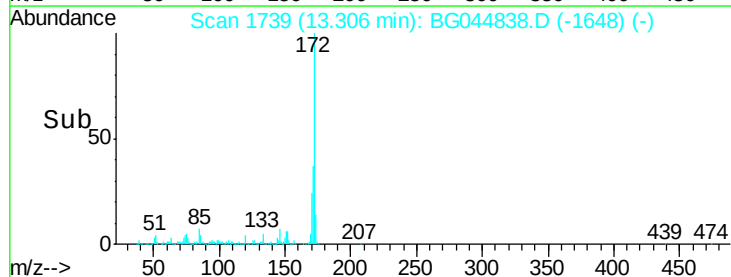
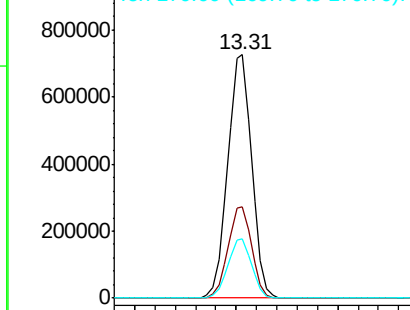


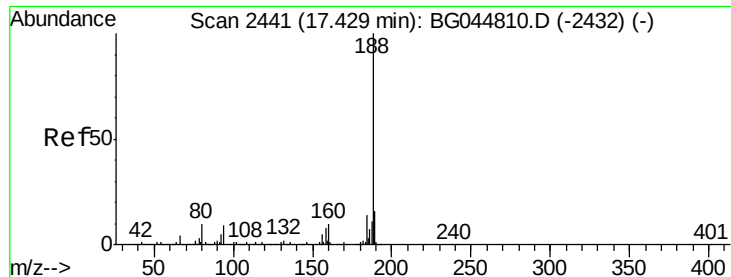
#45
 2-Fluorobiphenyl
 Concen: 83.978 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044838.D
 Acq: 17 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	24.1	19.0	28.6



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. -0.00 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

Instrument :

BNA_G

ClientSampleId :

PB127438BL

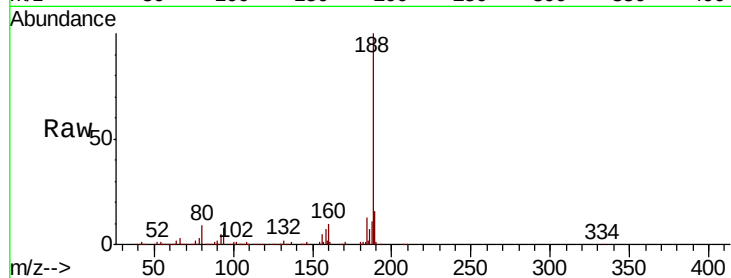
Tot Ion:188 Resp: 508965

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

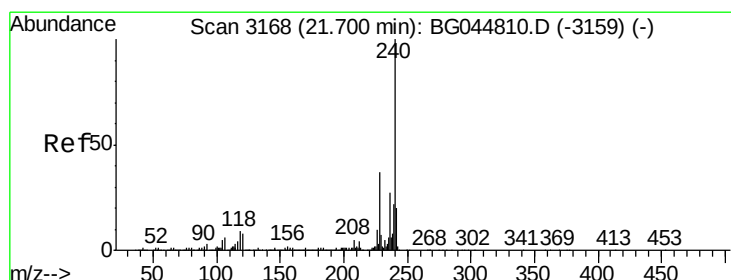
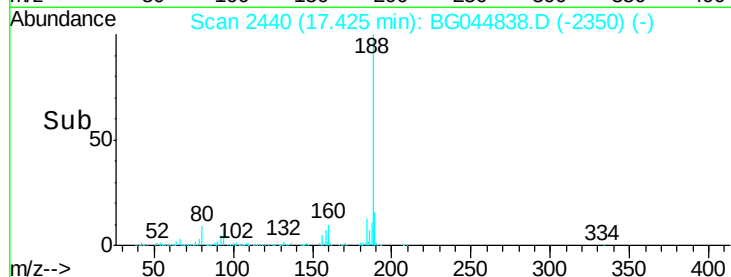
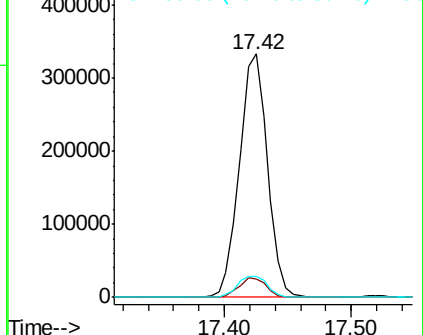
80 8.8 8.0 12.0



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. -0.01 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

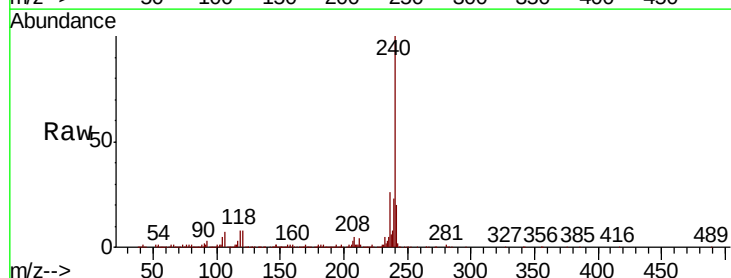
Tgt Ion:240 Resp: 496948

Ion Ratio Lower Upper

240 100

120 7.5 6.7 10.1

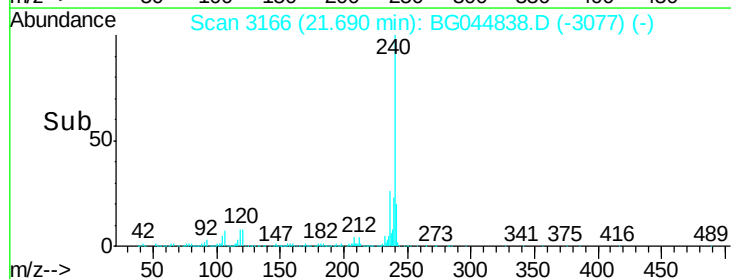
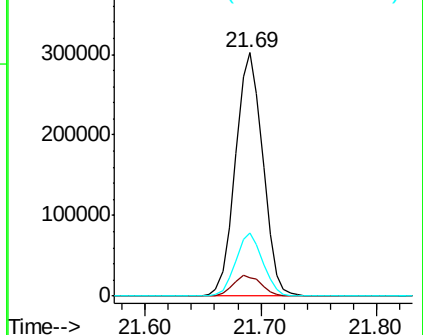
236 26.1 21.5 32.3

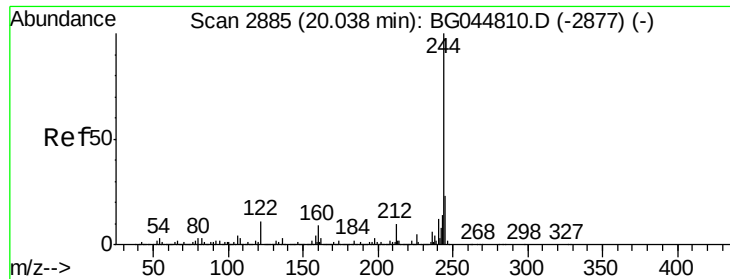


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.311 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

Instrument :

BNA_G

ClientSampleId :

PB127438BL

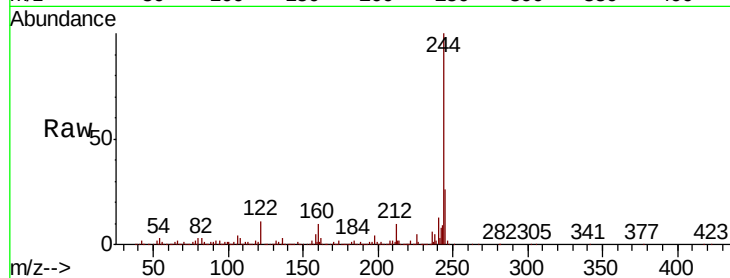
Tot Ion:244 Resp: 2319592

Ion Ratio Lower Upper

244 100

212 10.1 7.7 11.5

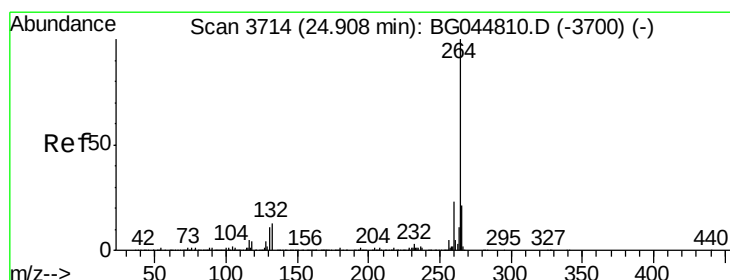
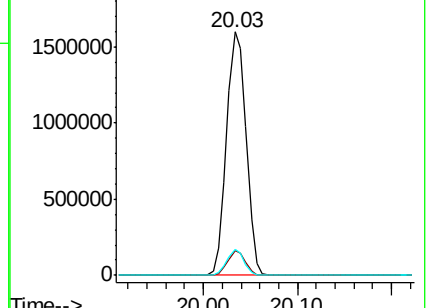
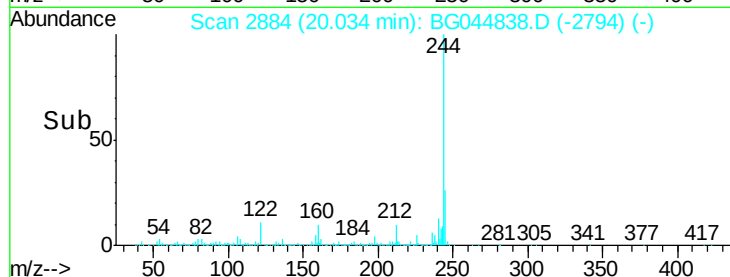
122 10.7 8.6 12.8



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: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044838.D

Acq: 17 Mar 2020 18:31

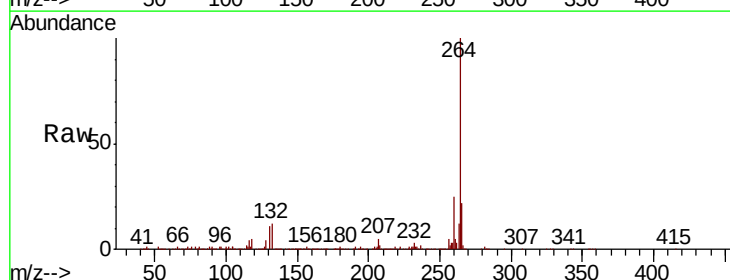
Tgt Ion:264 Resp: 547076

Ion Ratio Lower Upper

264 100

260 25.2 18.1 27.1

265 21.8 17.1 25.7



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

