

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044902.D
 Acq On : 19 Mar 2020 18:16
 Operator : CG/JU
 Sample : PB127682BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127682BL

Quant Time: Mar 20 01:53:10 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	79792	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306609	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	203022	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	473616	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	496597	20.00	ng	-0.02
87) Perylene-d12	24.89	264	549771	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	707673	138.06	ng	0.00
7) Phenol-d6	7.20	99	971570	130.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	641255	91.78	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	413921	155.71	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1322522	93.29	ng	0.00
79) Terphenyl-d14	20.03	244	2335535	87.97	ng	0.00

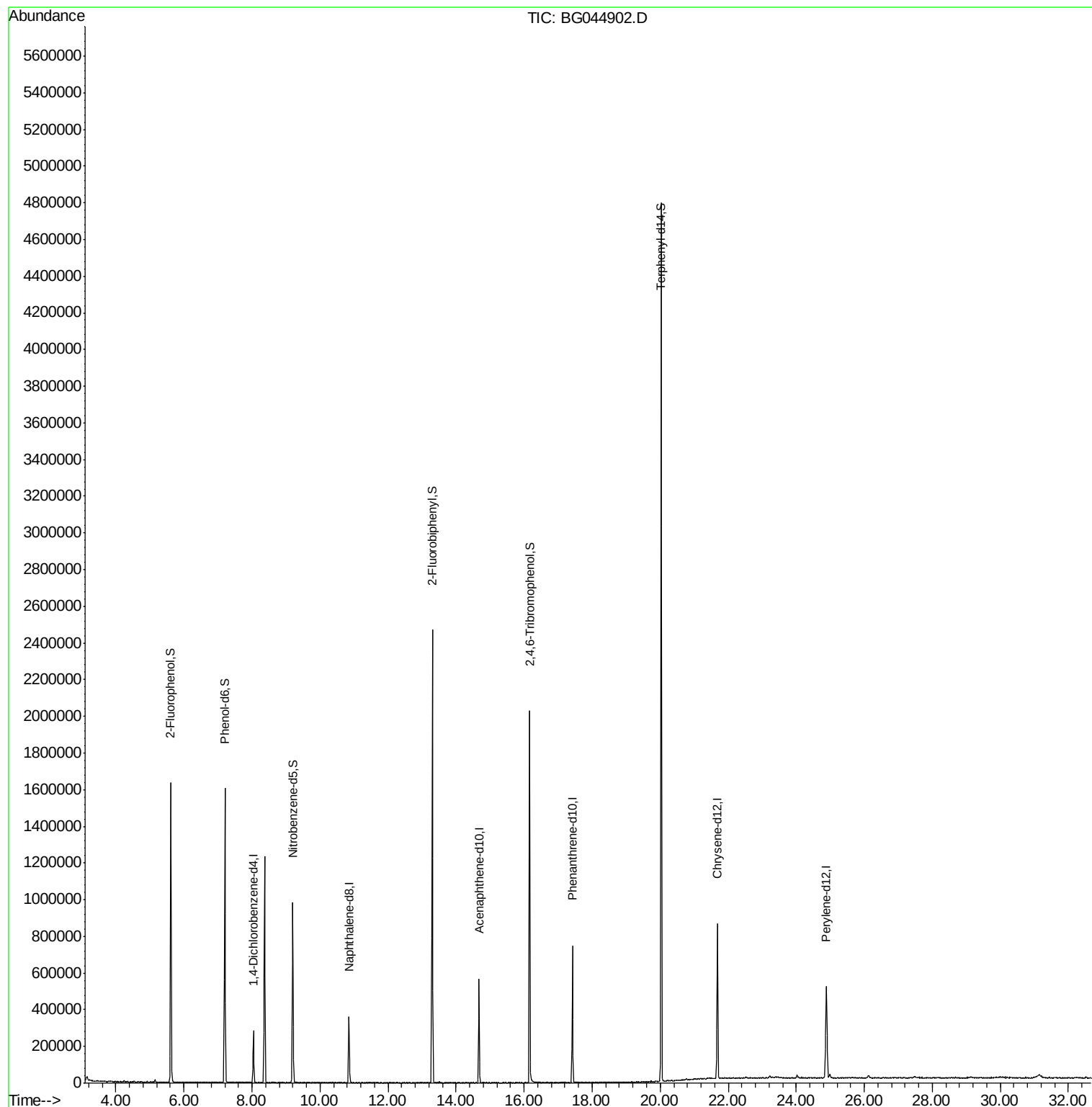
Target Compounds Qvalue

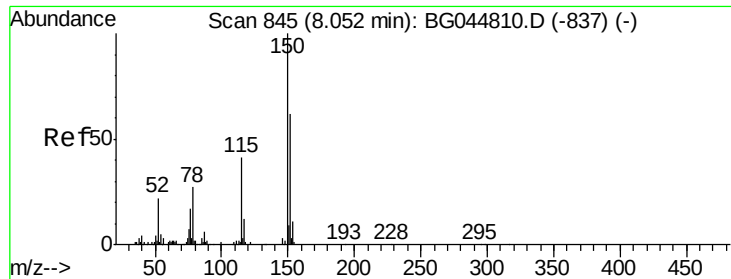
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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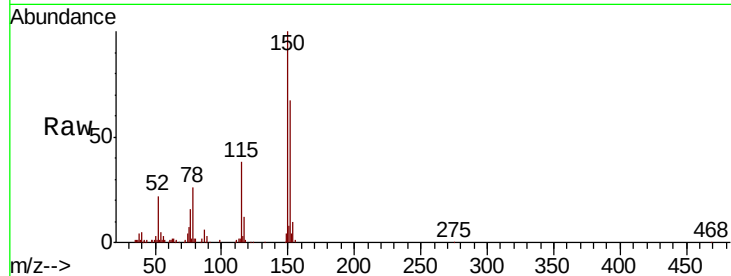


#1

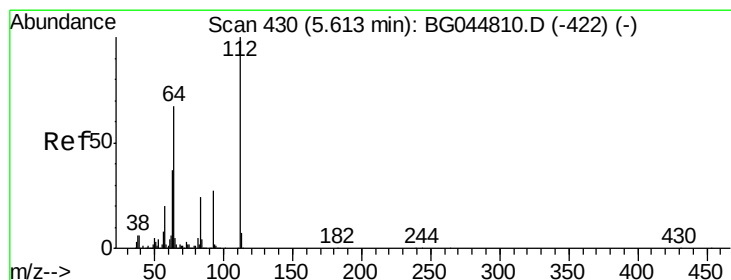
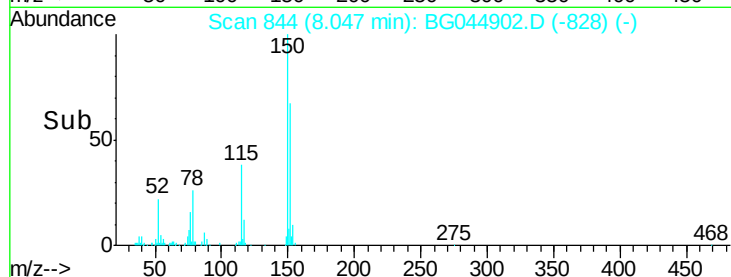
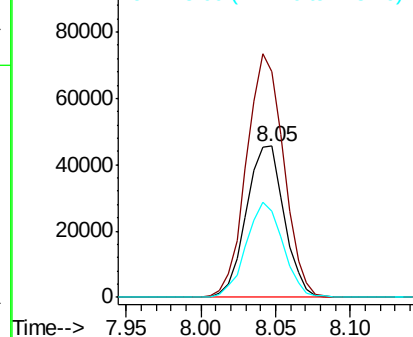
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tot Ion:152 Resp: 79792
Ion Ratio Lower Upper
152 100
150 149.7 128.8 193.2
115 57.2 52.6 79.0



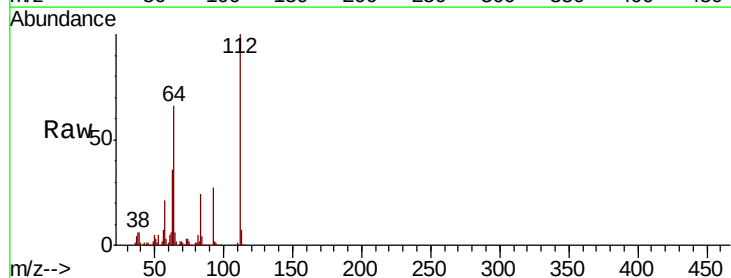
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



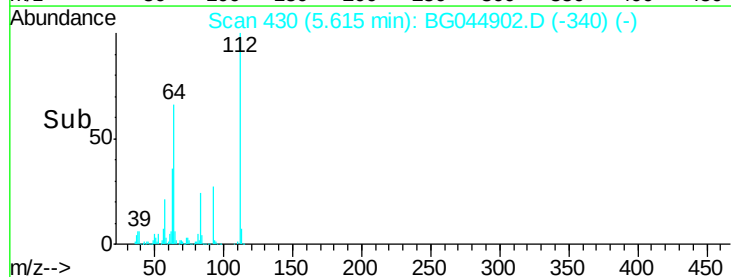
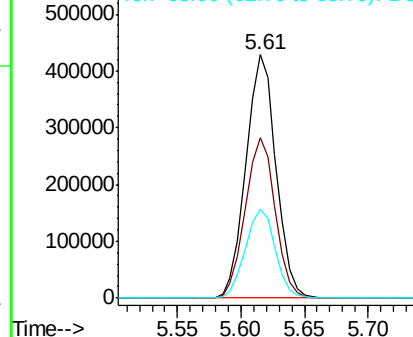
#5

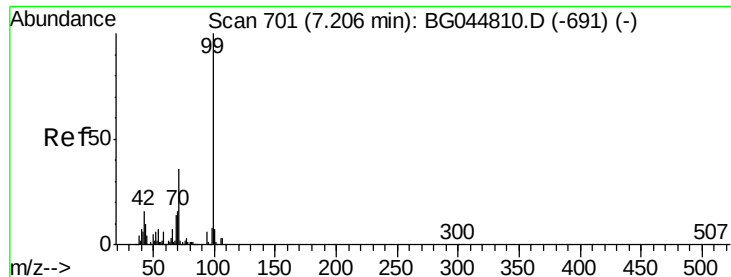
2-Fluorophenol
Concen: 138.063 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:112 Resp: 707673
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 36.4 29.4 44.2



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: 130.459 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB127682BL

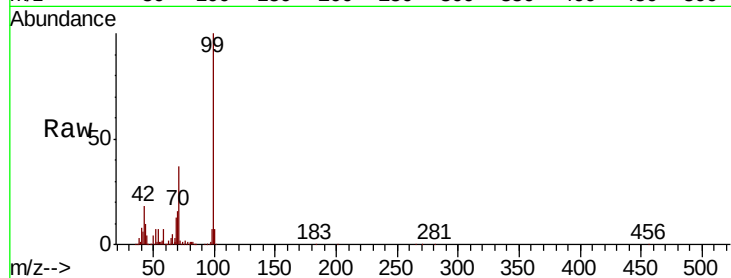
Tot Ion: 99 Resp: 971570

Ion Ratio Lower Upper

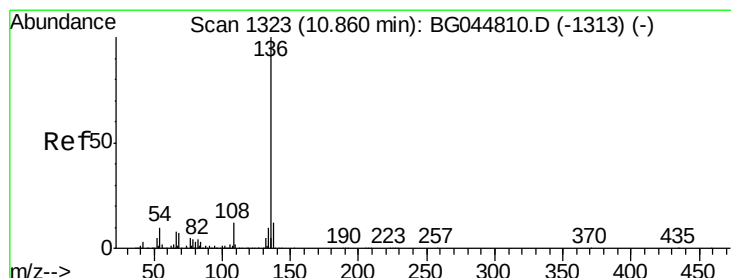
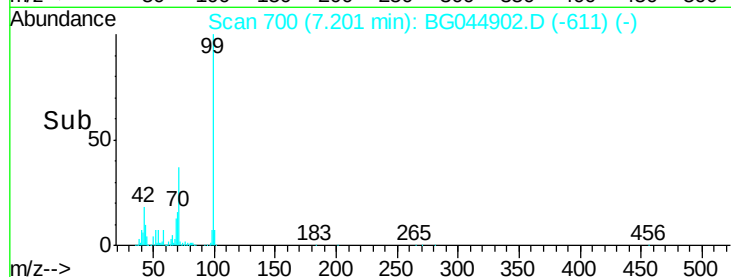
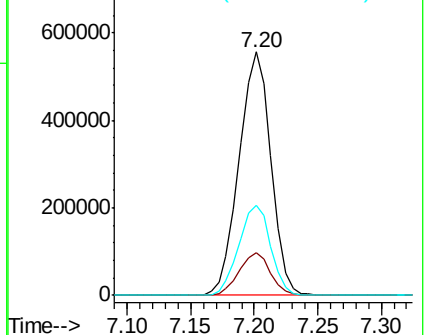
99 100

42 17.7 12.6 19.0

71 37.0 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: BG044902.D

Acq: 19 Mar 2020 18:16

Tgt Ion: 136 Resp: 306609

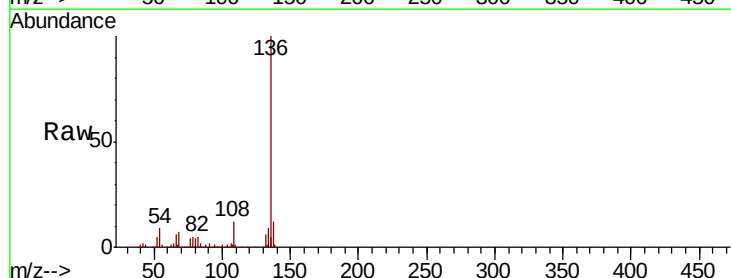
Ion Ratio Lower Upper

136 100

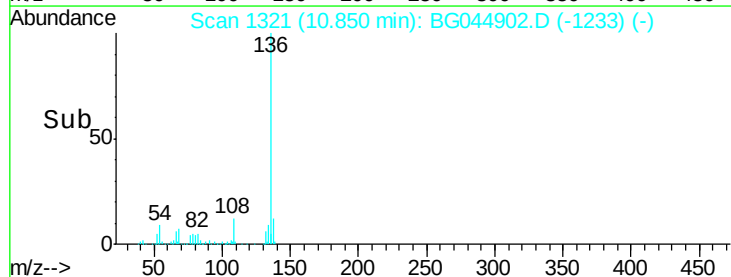
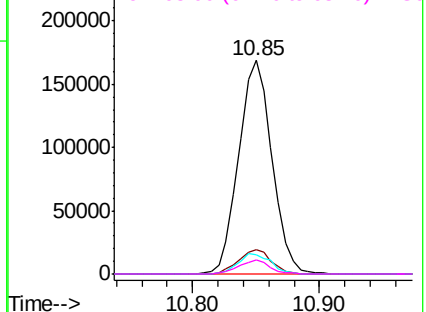
137 11.6 9.8 14.6

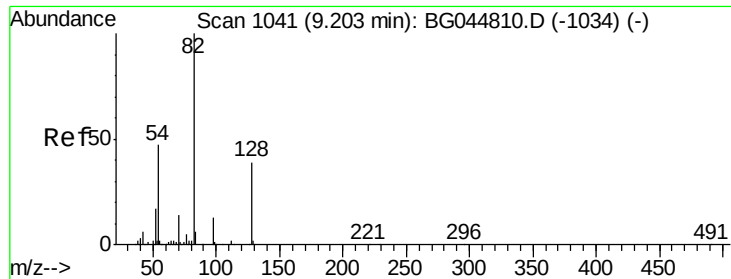
54 8.8 7.9 11.9

68 6.8 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

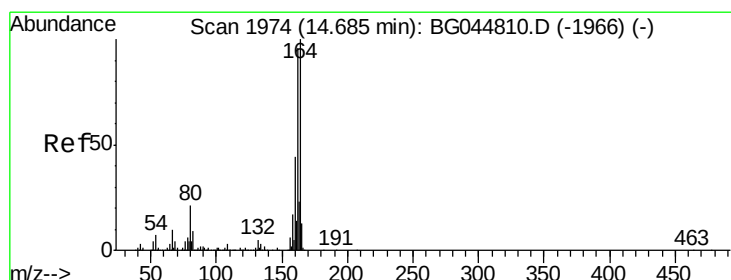
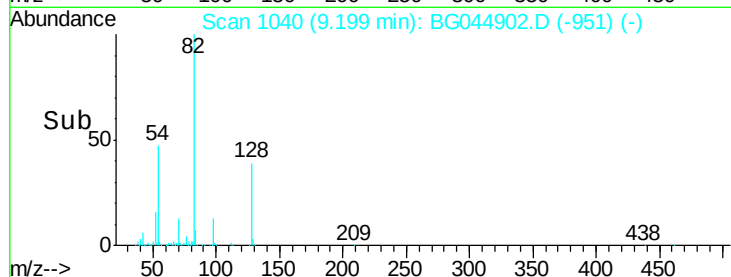
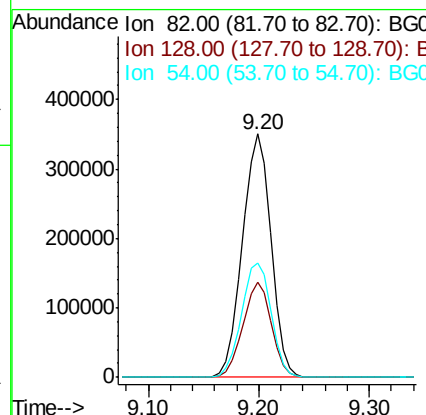
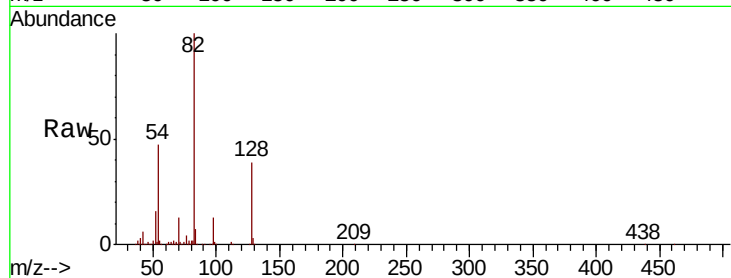




#23
 Nitrobenzene-d5
 Concen: 91.775 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044902.D
 Acq: 19 Mar 2020 18:16

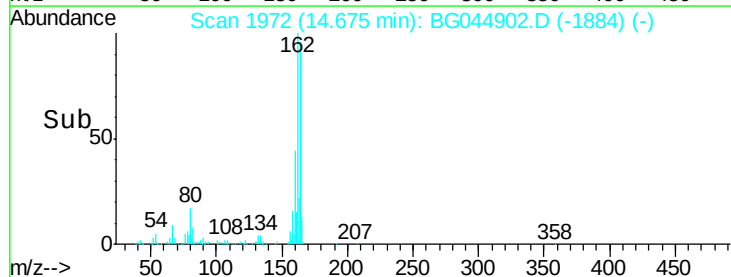
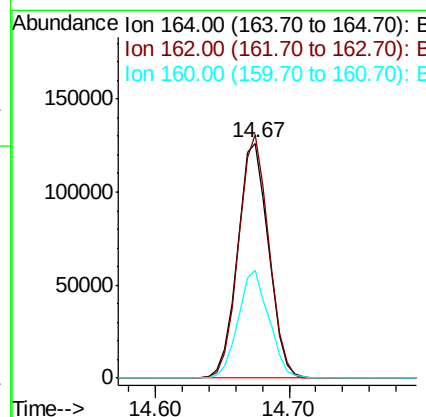
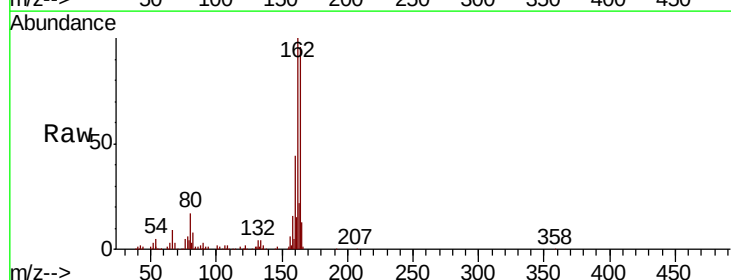
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BL

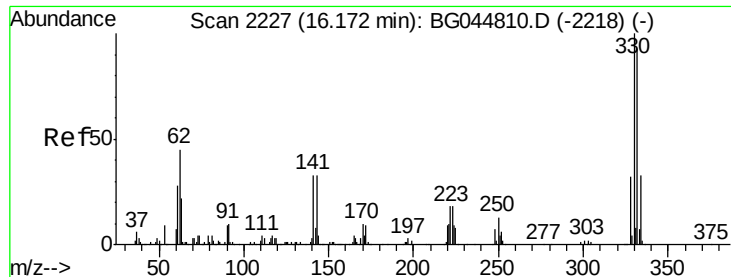
Tot Ion	82	Resp	641255
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.6	46.0
54	47.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044902.D
 Acq: 19 Mar 2020 18:16

Tgt Ion	164	Resp	203022
Ion Ratio	Lower	Upper	
164	100		
162	103.6	76.7	115.1
160	45.7	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 155.711 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB127682BL

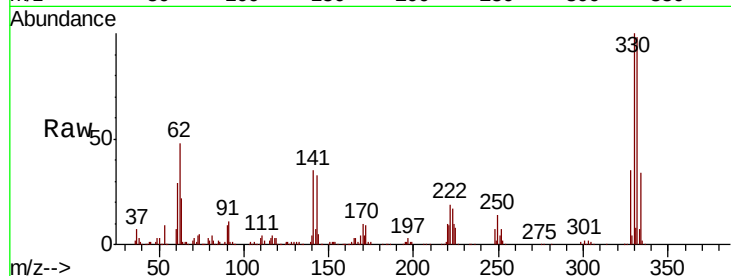
Tot Ion:330 Resp: 413921

Ion Ratio Lower Upper

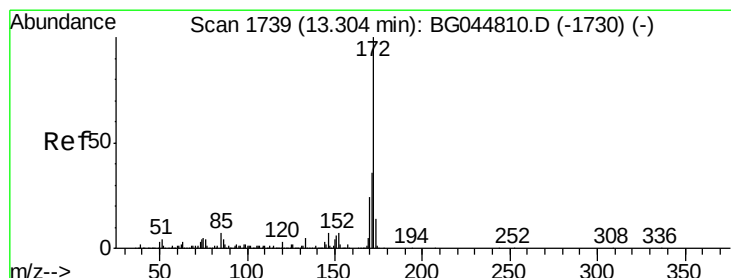
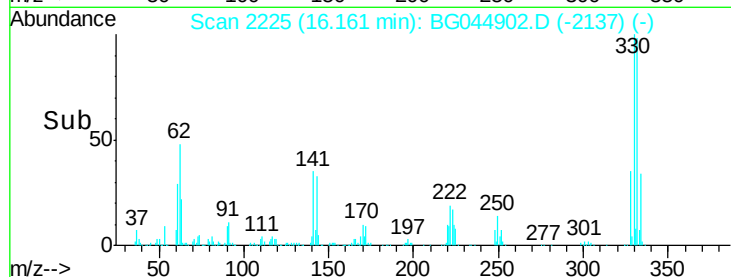
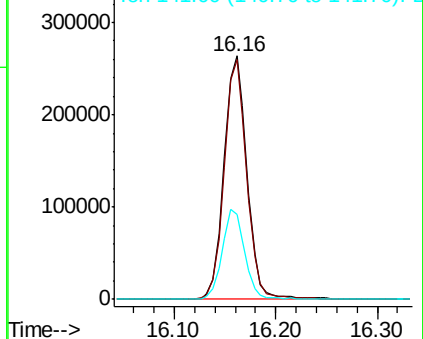
330 100

332 96.4 77.8 116.6

141 36.2 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: 93.285 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

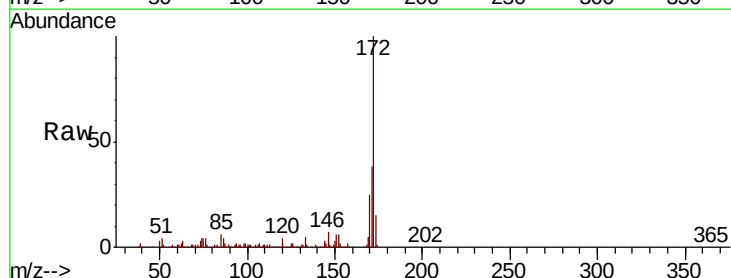
Tgt Ion:172 Resp: 1322522

Ion Ratio Lower Upper

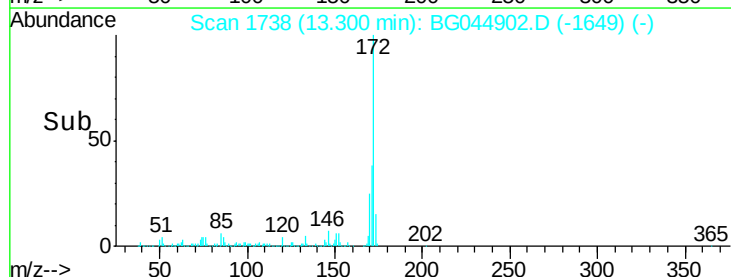
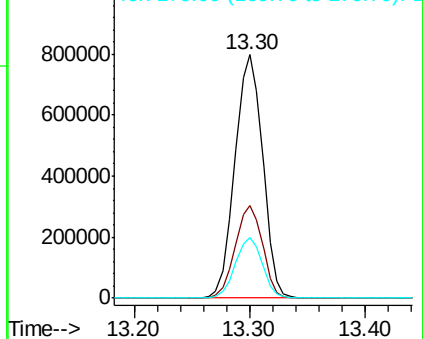
172 100

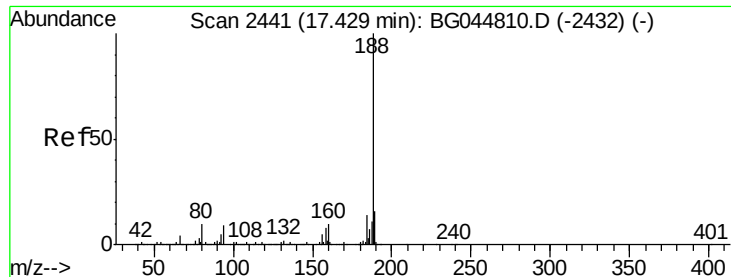
171 37.9 28.7 43.1

170 24.6 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# 2439

Delta R.T. -0.01 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB127682BL

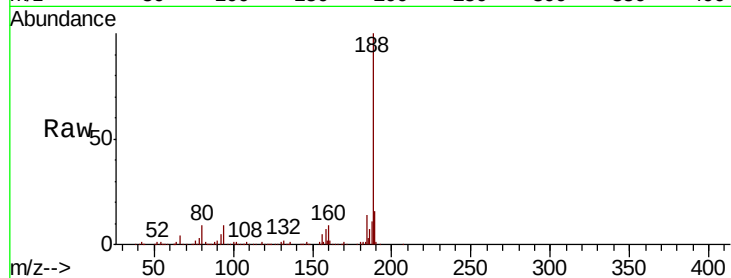
Tot Ion:188 Resp: 473616

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

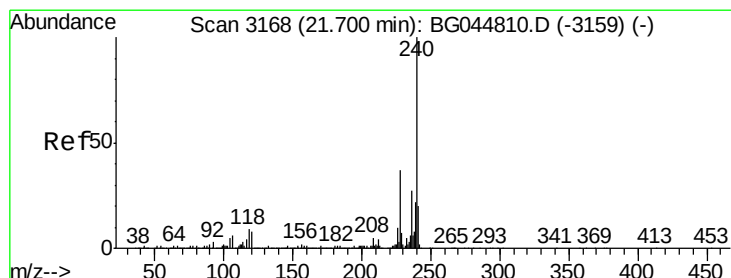
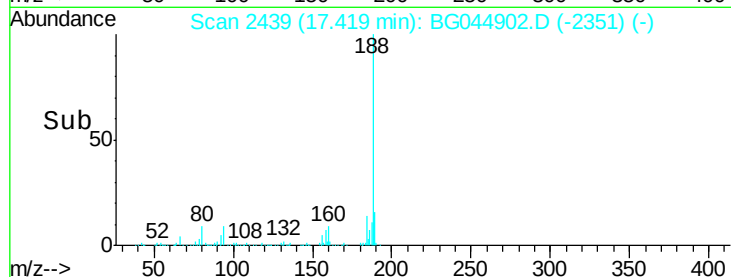
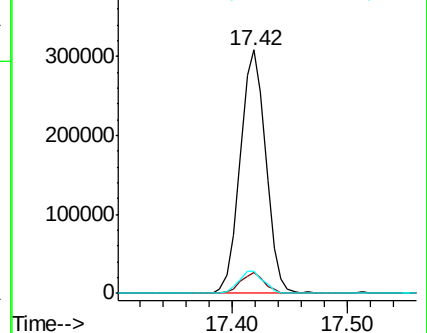
80 8.9 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

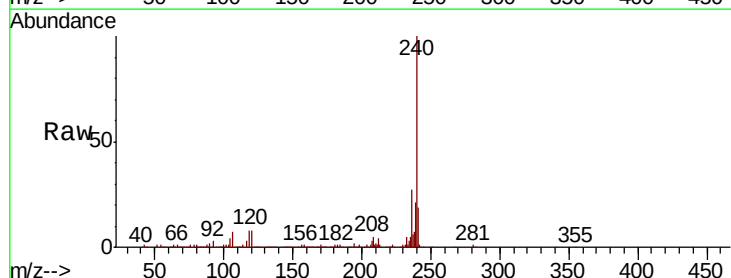
Tgt Ion:240 Resp: 496597

Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

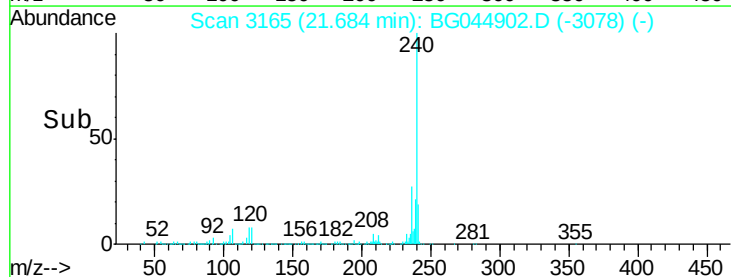
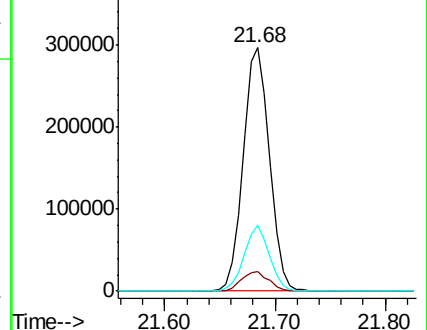
236 27.0 21.5 32.3

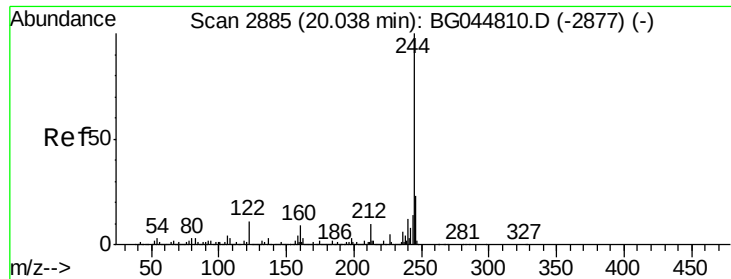


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.973 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB127682BL

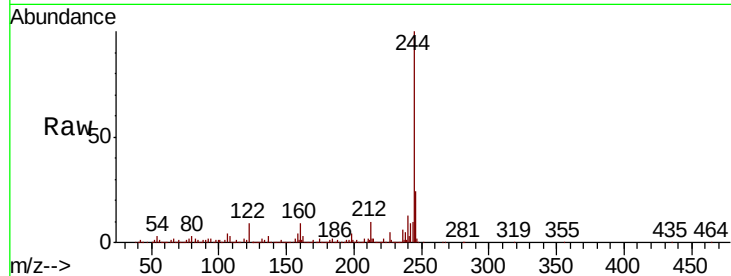
Tot Ion:244 Resp: 2335535

Ion Ratio Lower Upper

244 100

212 9.8 7.7 11.5

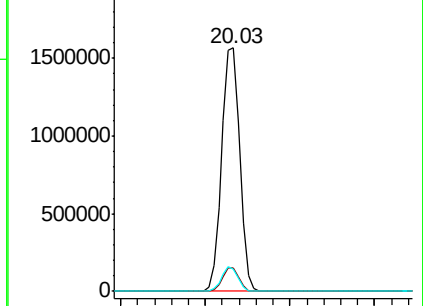
122 9.3 8.6 12.8



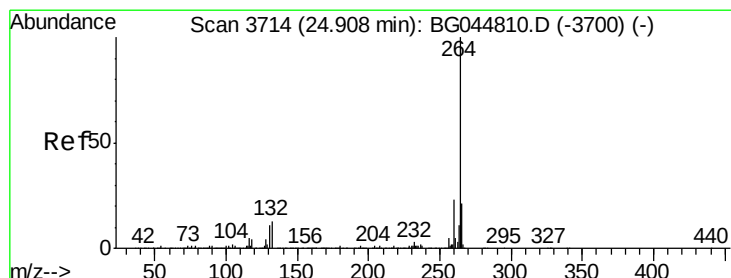
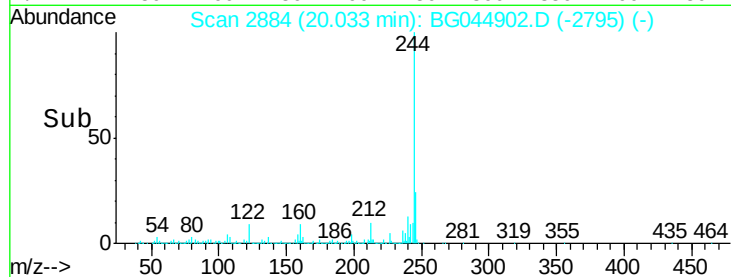
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044902.D

Acq: 19 Mar 2020 18:16

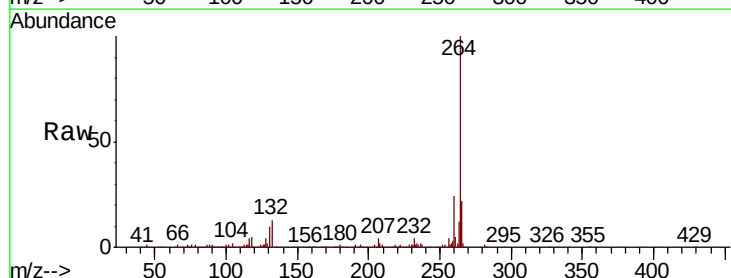
Tgt Ion:264 Resp: 549771

Ion Ratio Lower Upper

264 100

260 24.1 18.1 27.1

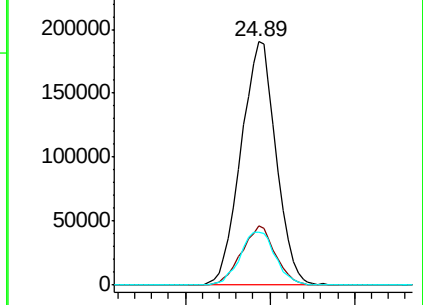
265 21.8 17.1 25.7



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



Time--> 24.80 24.90 25.00

