

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044605.D
 Acq On : 26 Feb 2020 16:02
 Operator : CG/JU
 Sample : PB127106BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BL

Quant Time: Feb 27 07:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58904	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	255397	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	177925	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	413325	20.00	ng	0.00
76) Chrysene-d12	21.50	240	407994	20.00	ng	0.00
87) Perylene-d12	24.56	264	416369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	188696	51.40	ng	0.00
7) Phenol-d6	7.05	99	147838	29.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	413592	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	324114	128.47	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1022444	82.29	ng	0.00
79) Terphenyl-d14	19.88	244	1736412	80.57	ng	0.00

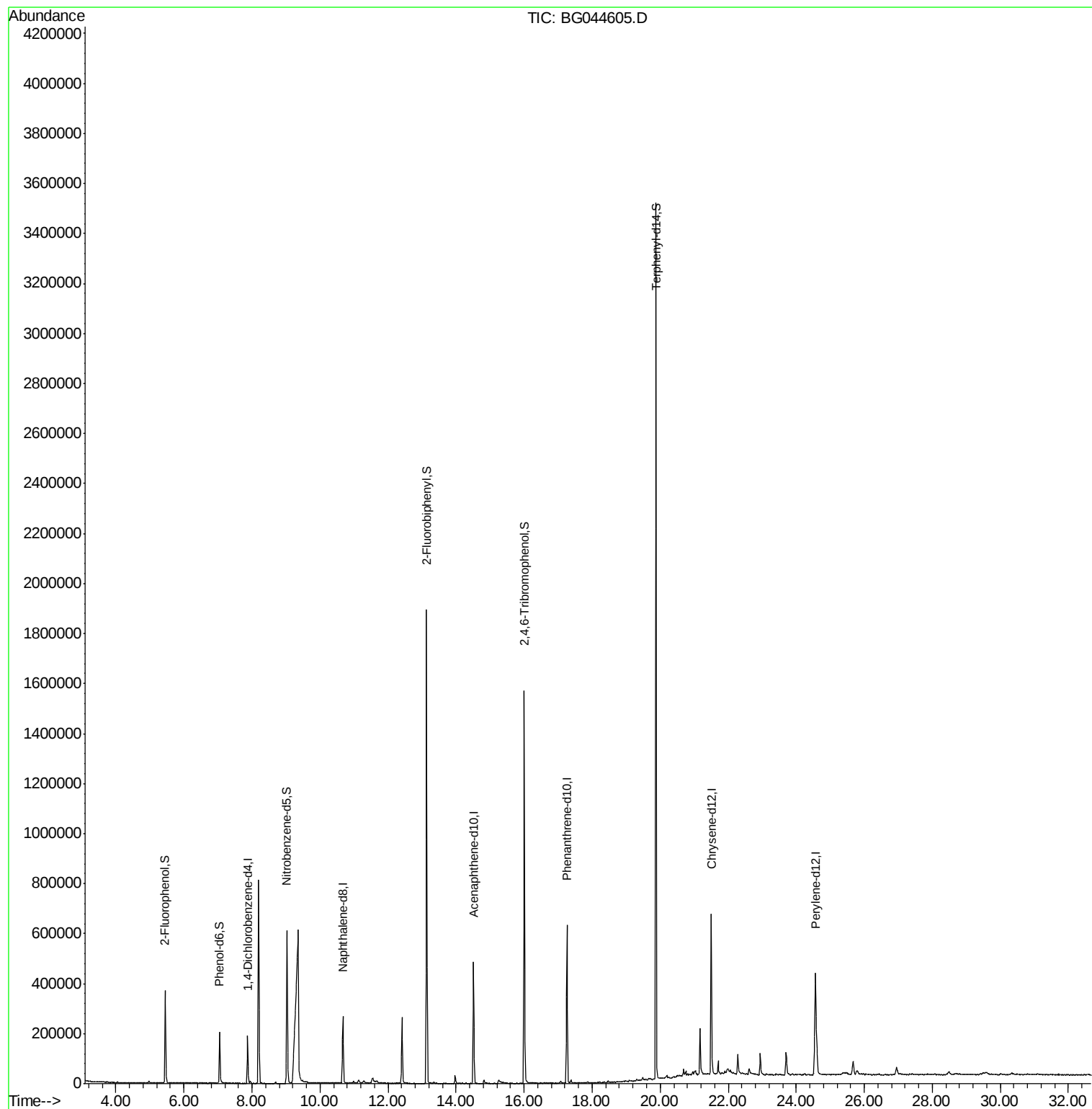
Target Compounds Qvalue

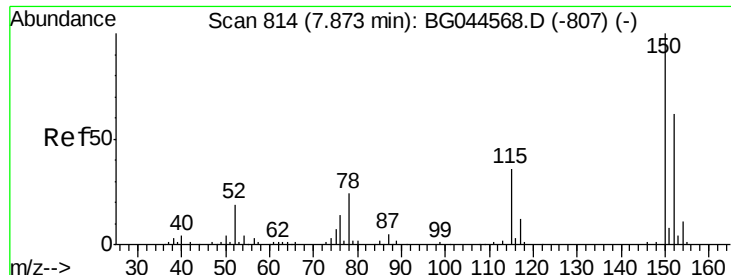
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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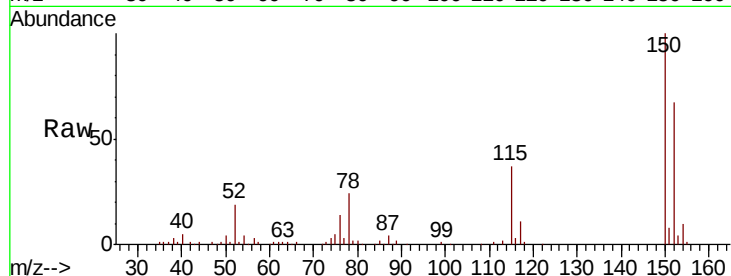


#1

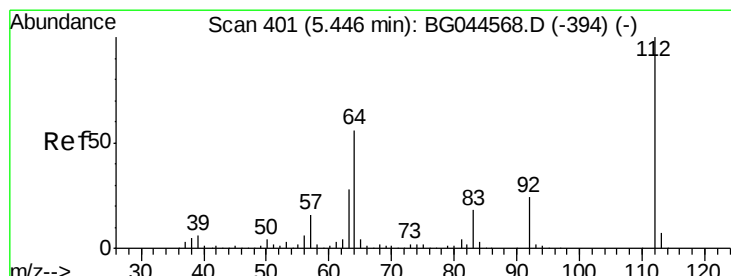
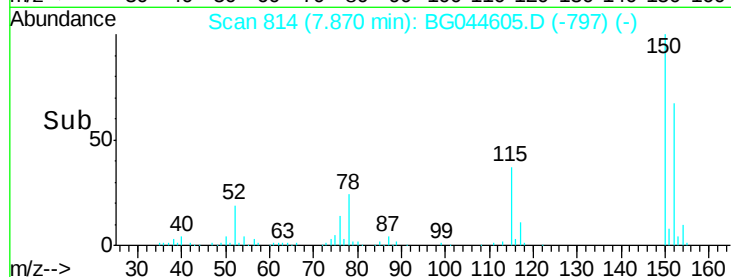
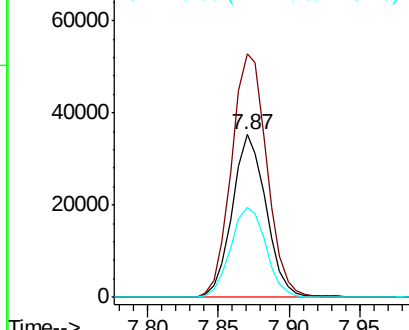
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB127106BL

Tot Ion:152 Resp: 58904
Ion Ratio Lower Upper
152 100
150 149.9 128.9 193.3
115 55.7 47.0 70.4



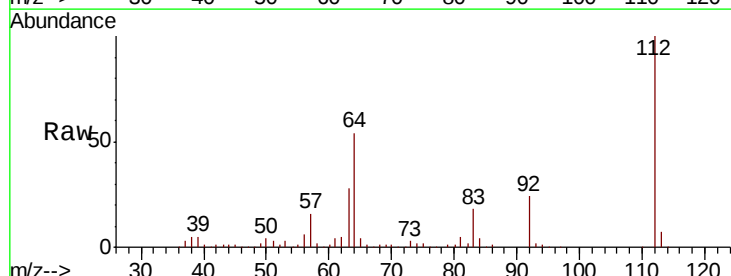
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



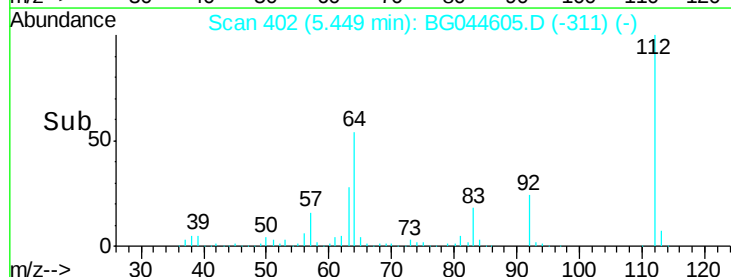
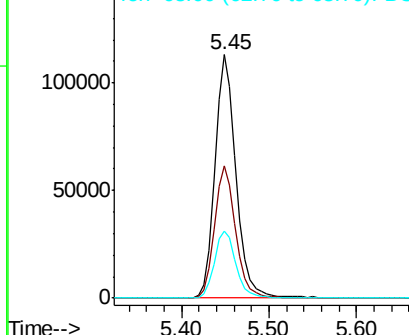
#5

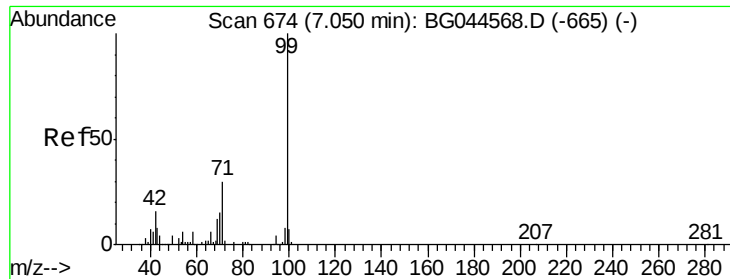
2-Fluorophenol
Concen: 51.398 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Tgt Ion:112 Resp: 188696
Ion Ratio Lower Upper
112 100
64 54.4 44.8 67.2
63 27.6 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG044605.D (-311) (-)
Ion 63.00 (62.70 to 63.70): BG044605.D (-311) (-)





#7

Phenol-d6

Concen: 29.419 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB127106BL

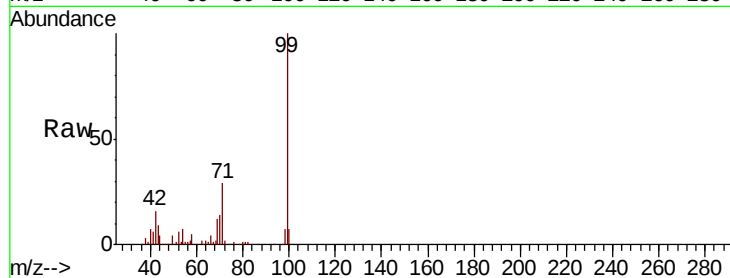
Tot Ion: 99 Resp: 147838

Ion Ratio Lower Upper

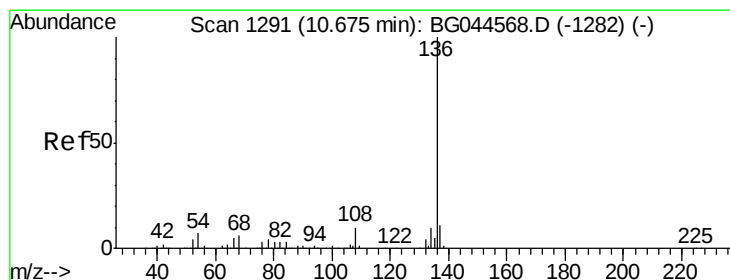
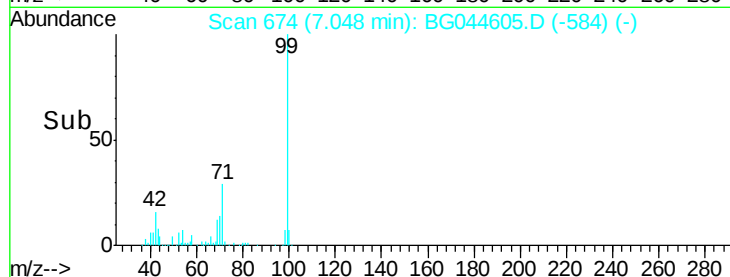
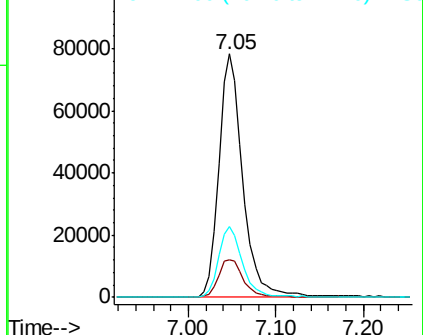
99 100

42 15.7 12.8 19.2

71 29.2 24.4 36.6



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: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

Tgt Ion: 136 Resp: 255397

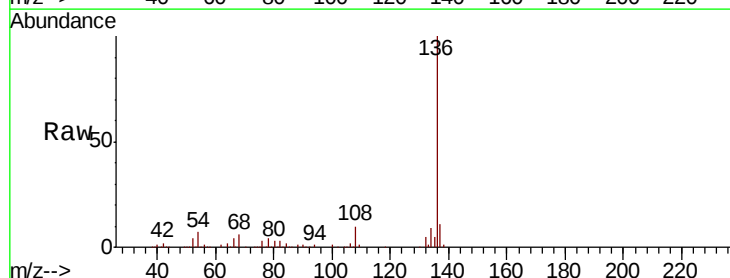
Ion Ratio Lower Upper

136 100

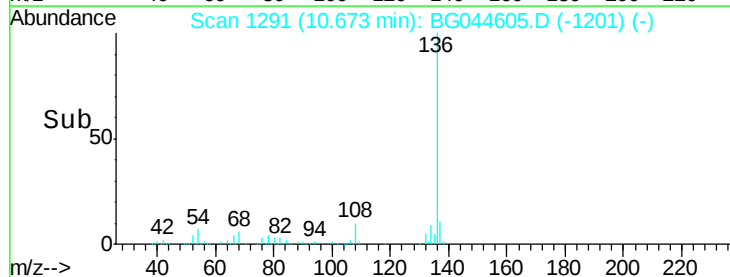
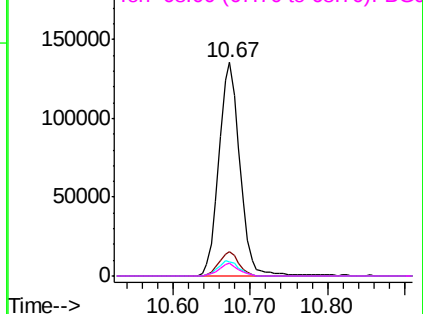
137 11.2 8.8 13.2

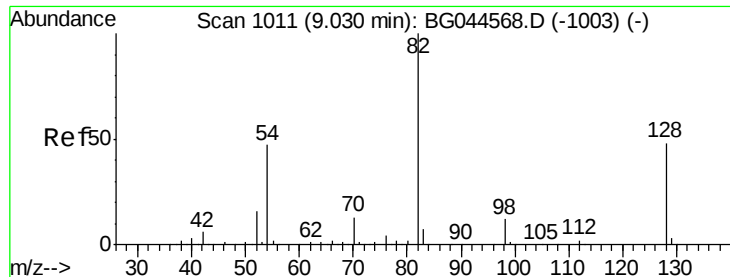
54 6.8 5.7 8.5

68 6.0 4.5 6.7



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

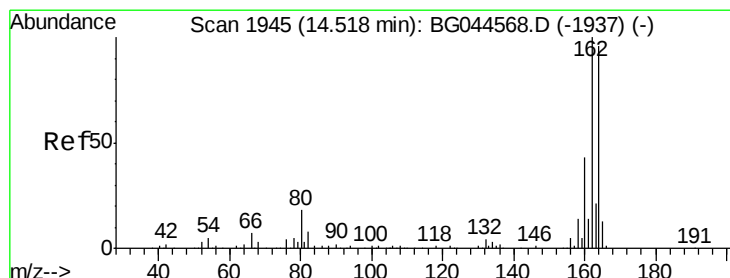
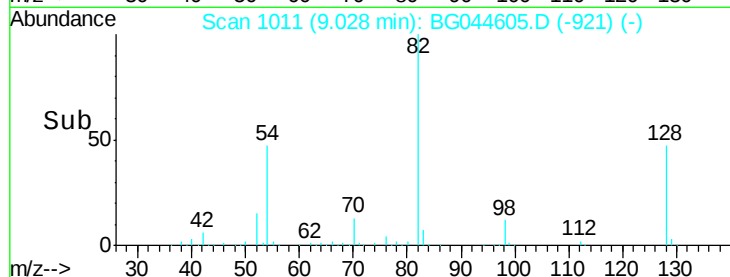
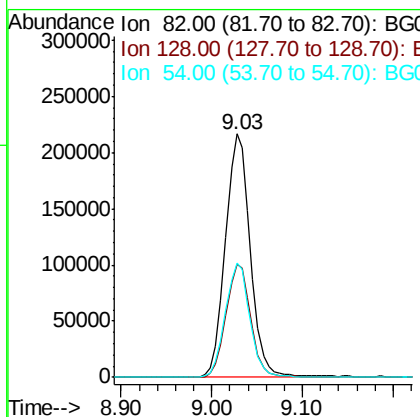
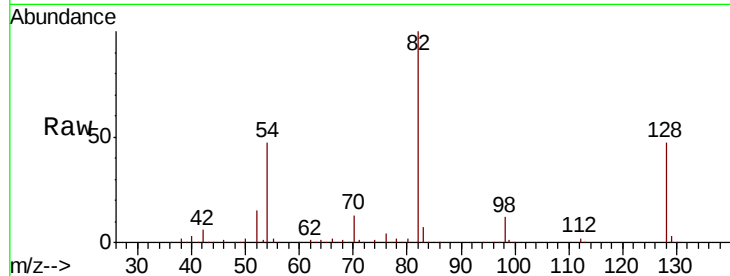




#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

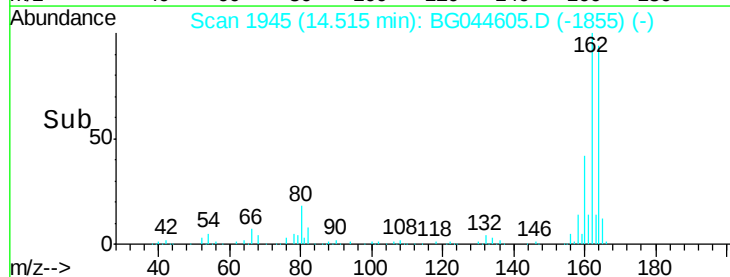
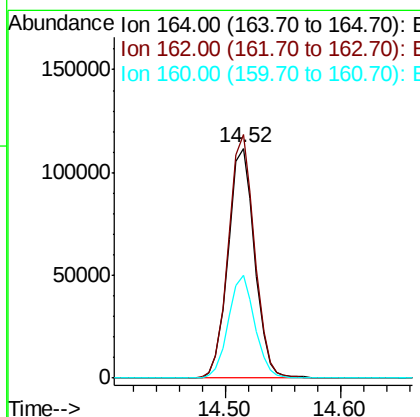
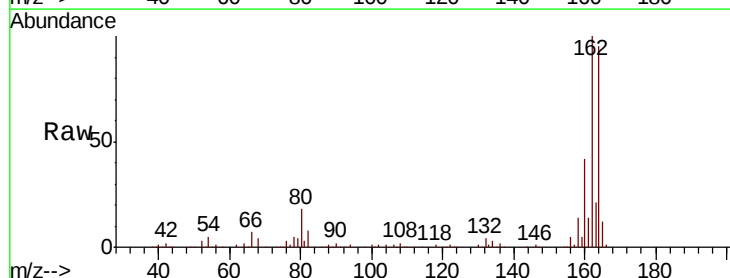
Instrument :
BNA_G
ClientSampleId :
PB127106BL

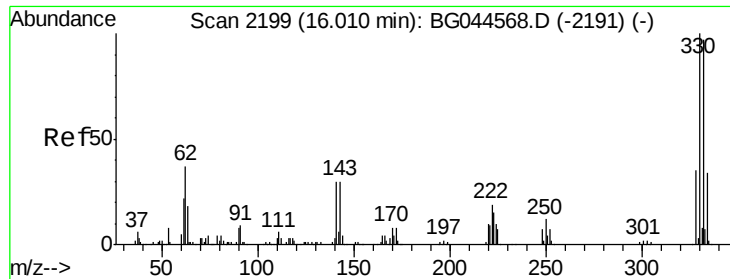
Tot Ion	82	Resp	413592
Ion Ratio	100	Lower	Upper
128	46.5	38.1	57.1
54	46.7	37.5	56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Tgt Ion	164	Resp	177925
Ion Ratio	100	Lower	Upper
162	105.8	83.6	125.4
160	44.7	36.2	54.4

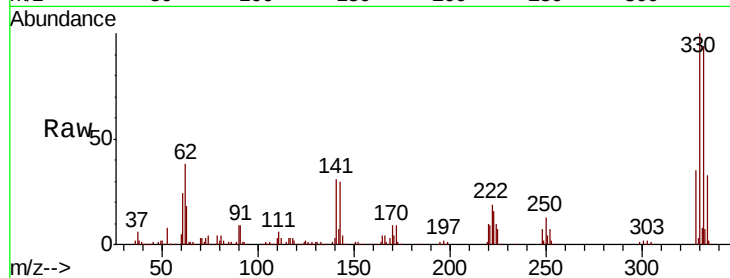




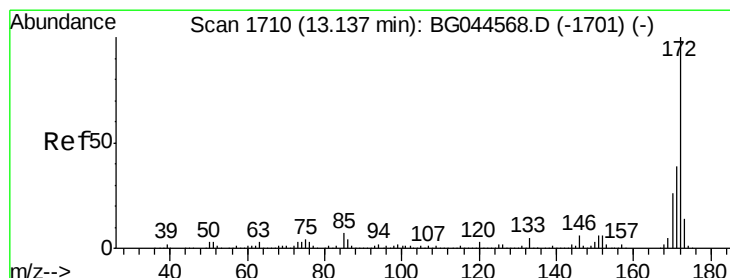
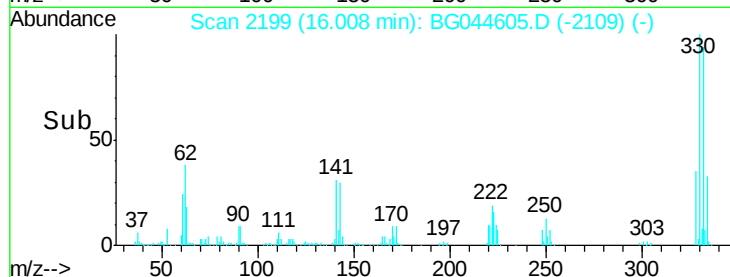
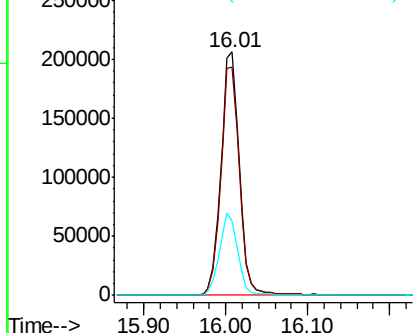
#42
 2,4,6-Tribromophenol
 Concen: 128.472 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BL

Tot Ion:330 Resp: 324114
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.0
 141 33.6 26.1 39.1

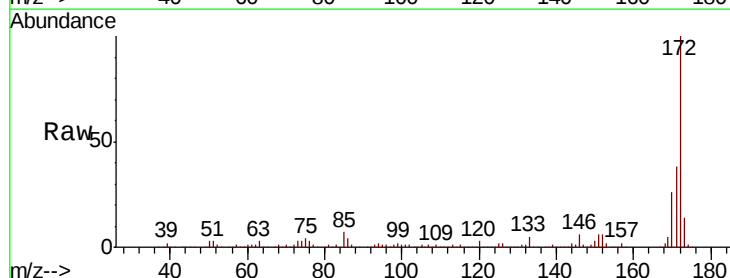


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

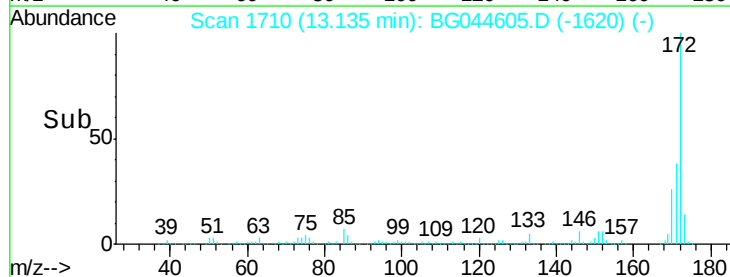
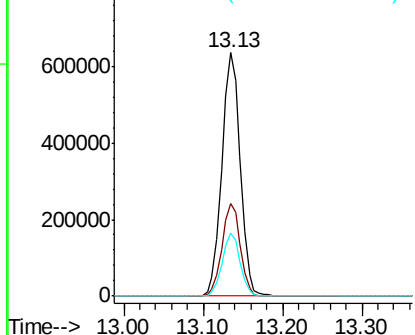


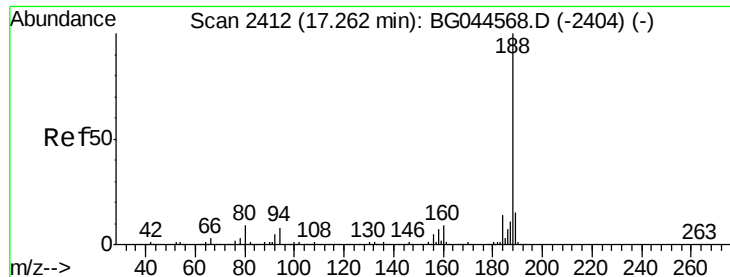
#45
 2-Fluorobiphenyl
 Concen: 82.289 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Tgt Ion:172 Resp: 1022444
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.9 21.0 31.4



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: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB127106BL

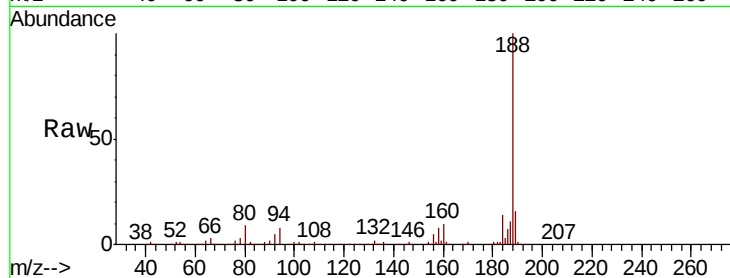
Tot Ion:188 Resp: 413325

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

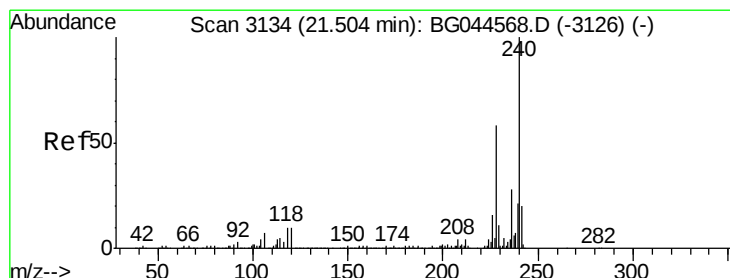
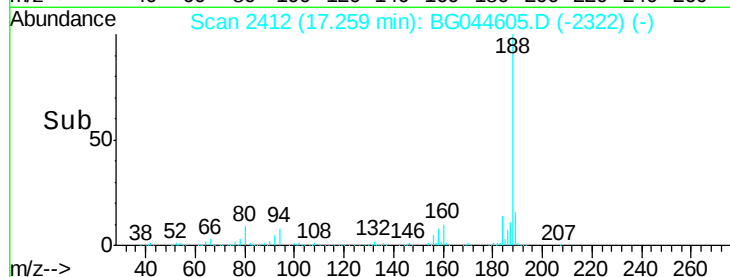
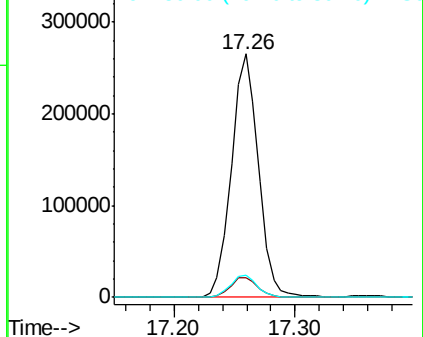
80 9.1 7.6 11.4



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

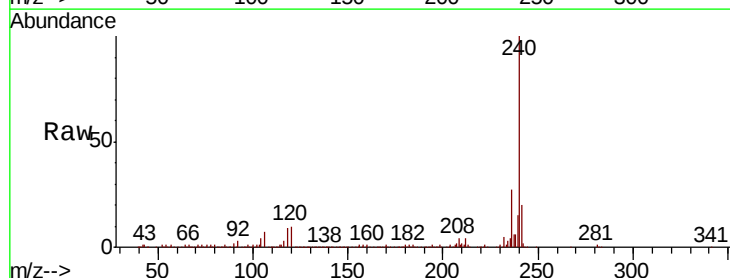
Tgt Ion:240 Resp: 407994

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

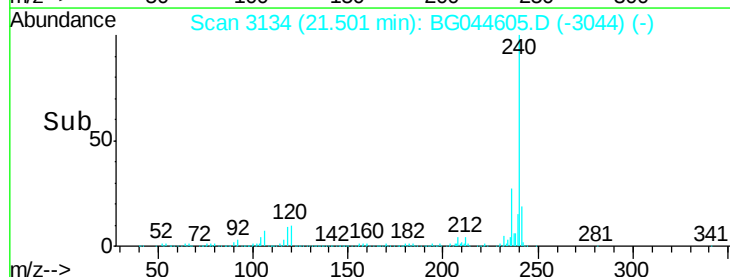
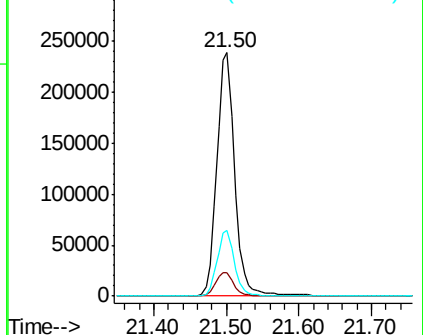
236 27.1 22.3 33.5

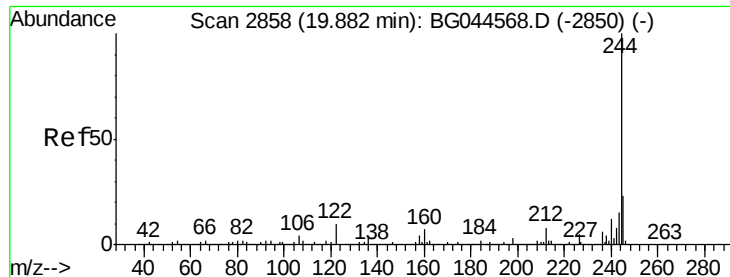


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.568 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

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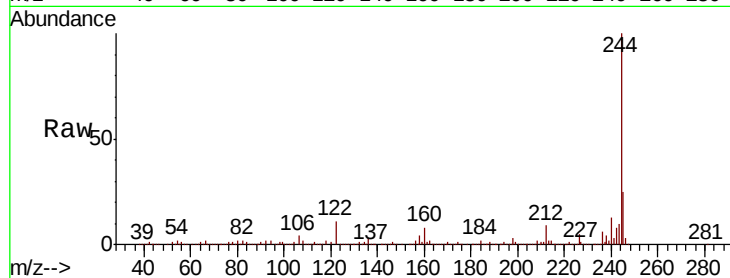
Tot Ion:244 Resp: 1736412

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

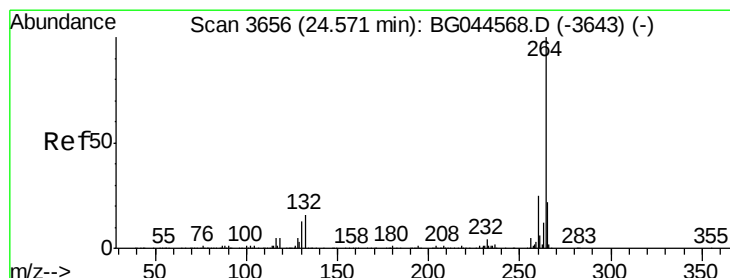
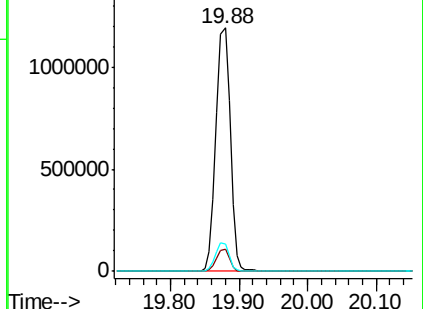
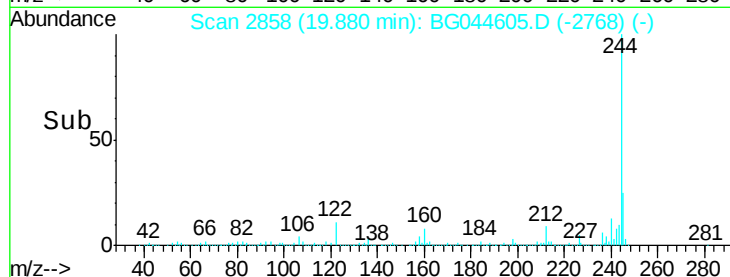
122 11.3 8.2 12.4



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

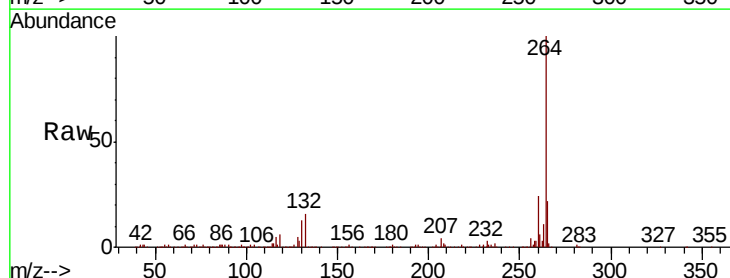
Tgt Ion:264 Resp: 416369

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.9 17.8 26.8



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

