

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044610.D
 Acq On : 26 Feb 2020 19:24
 Operator : CG/JU
 Sample : L1673-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-COMP-3

Quant Time: Feb 27 07:30:01 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	61531	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	245785	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161674	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	392171	20.00	ng	0.00
76) Chrysene-d12	21.50	240	403996	20.00	ng	0.00
87) Perylene-d12	24.56	264	413385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	467513	121.91	ng	0.00
7) Phenol-d6	7.05	99	534410	101.80	ng	0.00
23) Nitrobenzene-d5	9.03	82	404809	84.85	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	292358	127.53	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	932814	82.62	ng	0.00
79) Terphenyl-d14	19.87	244	1675387	78.51	ng	0.00

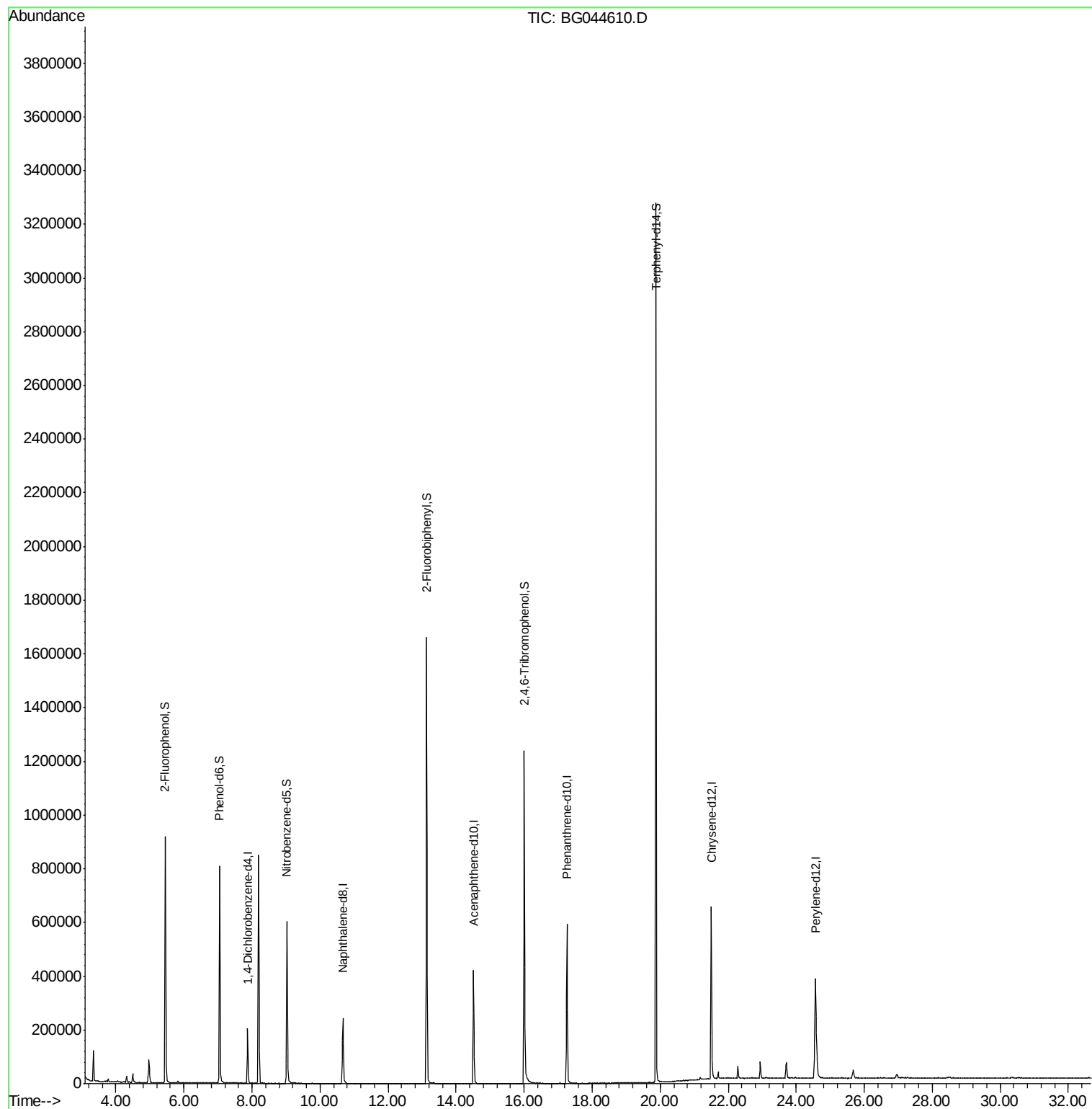
Target Compounds Qvalue

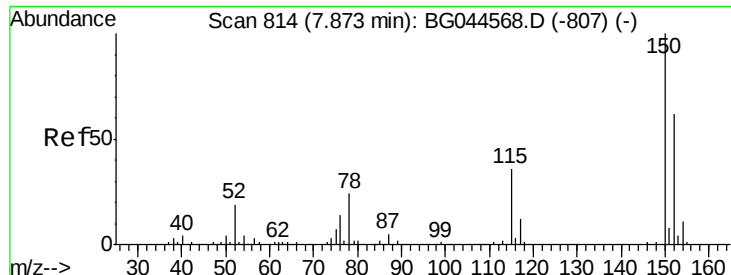
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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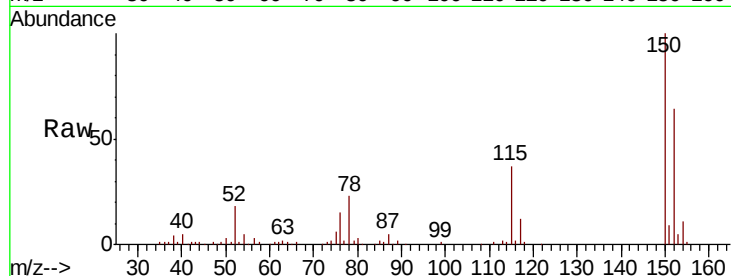


#1

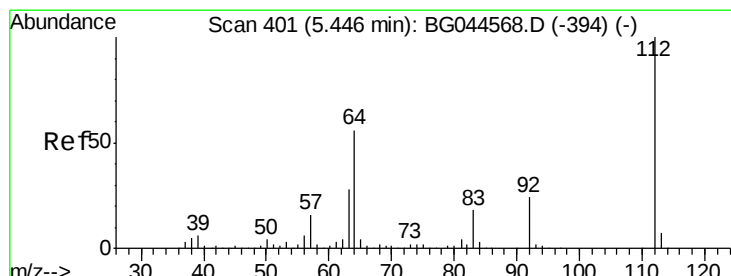
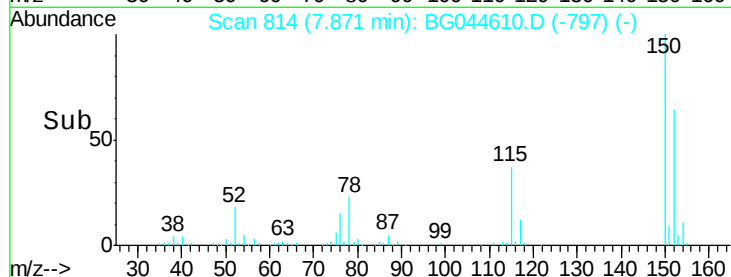
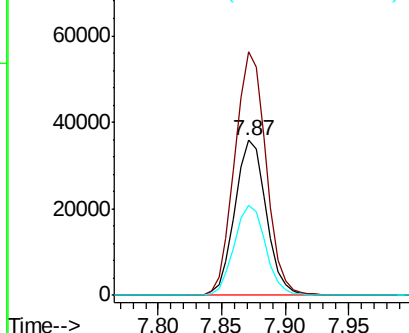
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Instrument :
 BNA_G
 ClientSampleId :
 WH-COMP-3

Tot Ion:152 Resp: 61531
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.9 193.3
 115 57.9 47.0 70.4



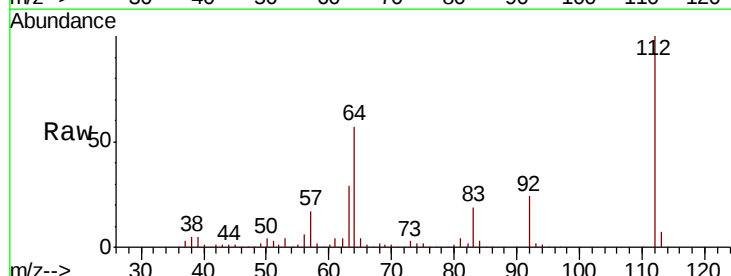
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



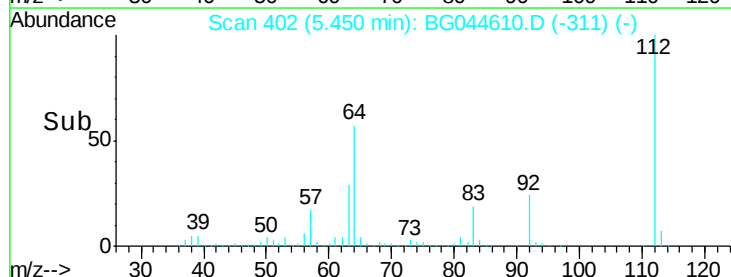
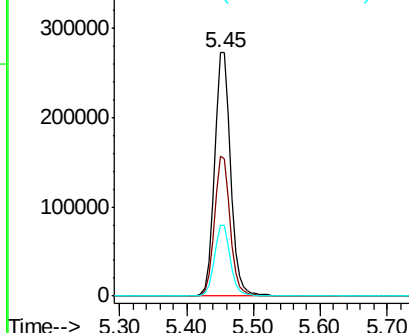
#5

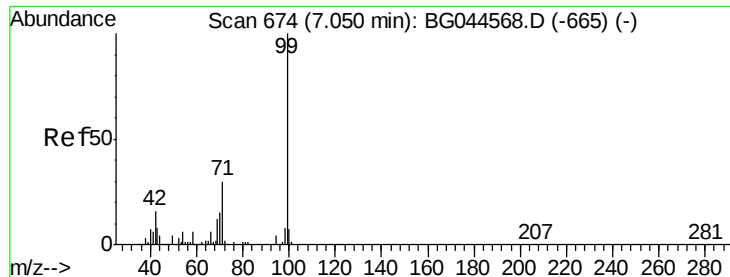
2-Fluorophenol
 Concen: 121.908 ng
 RT: 5.45 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Tgt Ion:112 Resp: 467513
 Ion Ratio Lower Upper
 112 100
 64 57.3 44.8 67.2
 63 28.9 22.3 33.5



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: 101.805 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Instrument :

BNA_G

ClientSampleId :

WH-COMP-3

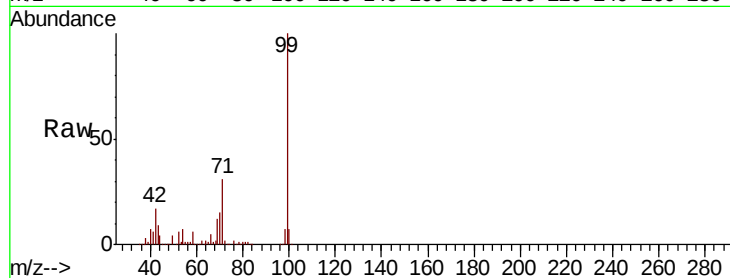
Tot Ion: 99 Resp: 534410

Ion Ratio Lower Upper

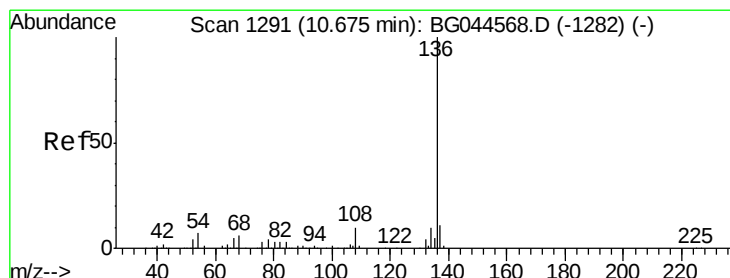
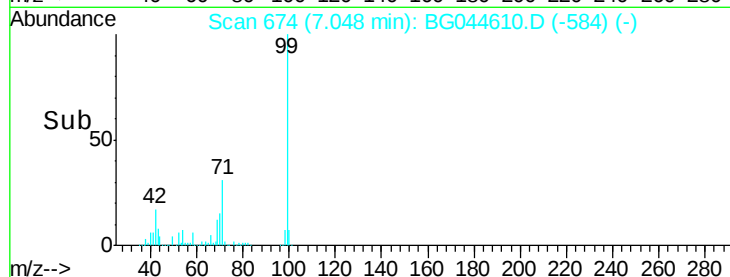
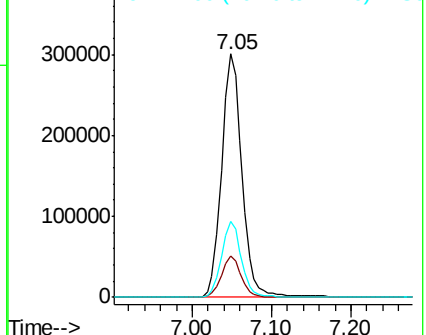
99 100

42 17.0 12.8 19.2

71 31.4 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: BG044610.D

Acq: 26 Feb 2020 19:24

Tgt Ion: 136 Resp: 245785

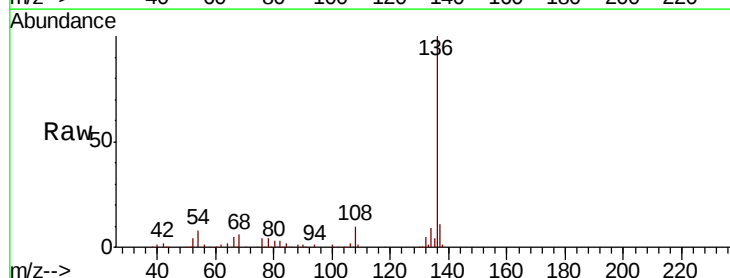
Ion Ratio Lower Upper

136 100

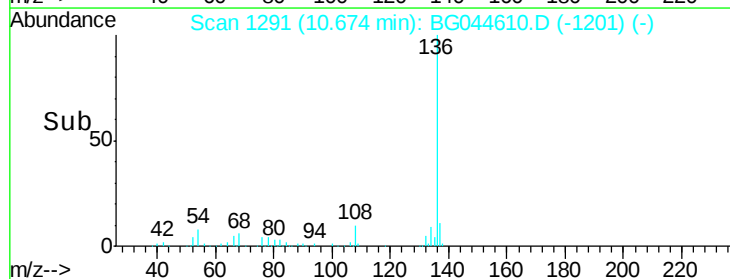
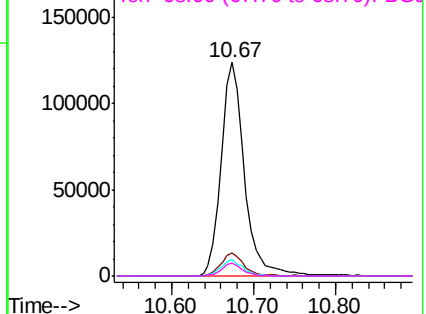
137 10.8 8.8 13.2

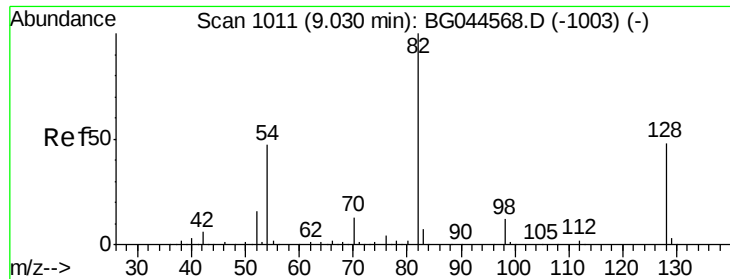
54 7.6 5.7 8.5

68 5.8 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

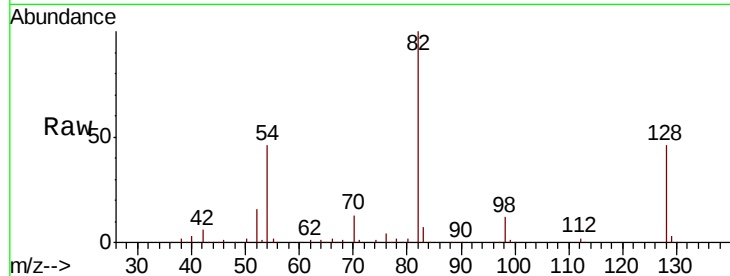




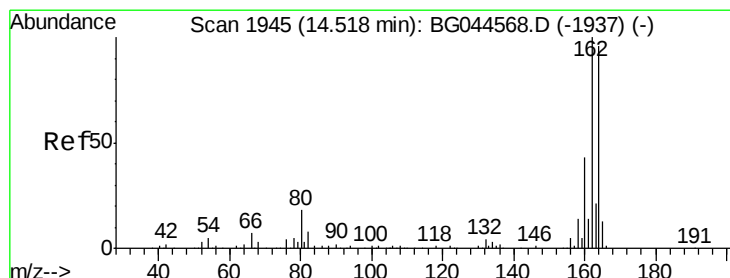
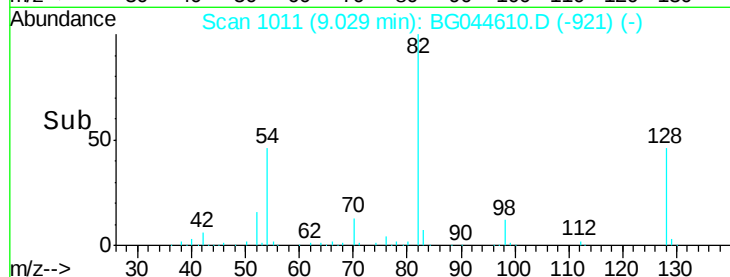
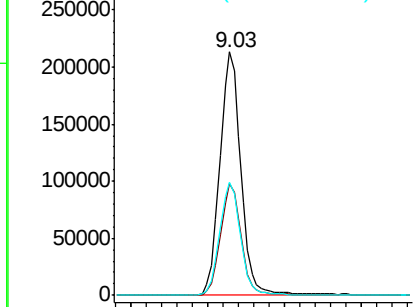
#23
 Nitrobenzene-d5
 Concen: 84.851 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Instrument :
 BNA_G
 ClientSampled :
 WH-COMP-3

Tot Ion	82	Resp	404809
Ion Ratio	100	Lower	Upper
128	45.7	38.1	57.1
54	46.4	37.5	56.3

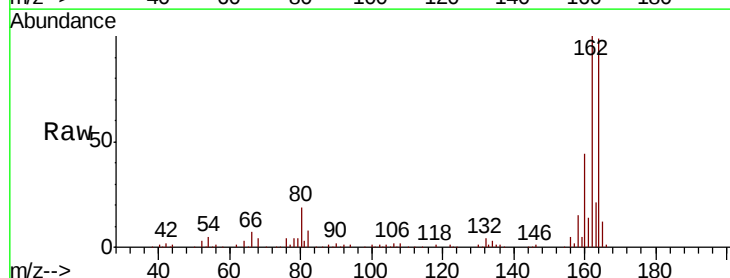


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

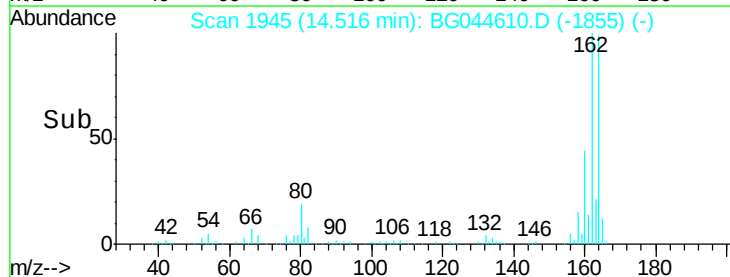
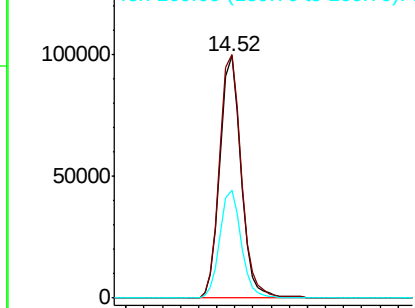


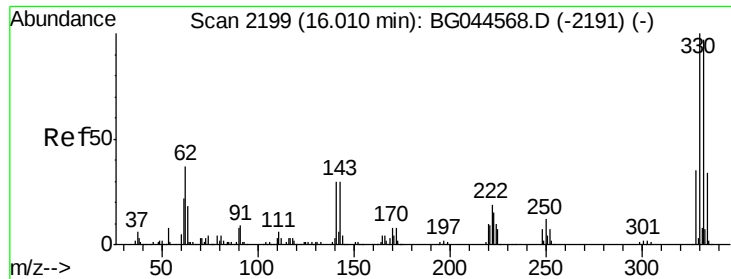
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Tgt Ion	164	Resp	161674
Ion Ratio	100	Lower	Upper
162	100.6	83.6	125.4
160	44.8	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 127.533 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Instrument :

BNA_G

ClientSampleId :

WH-COMP-3

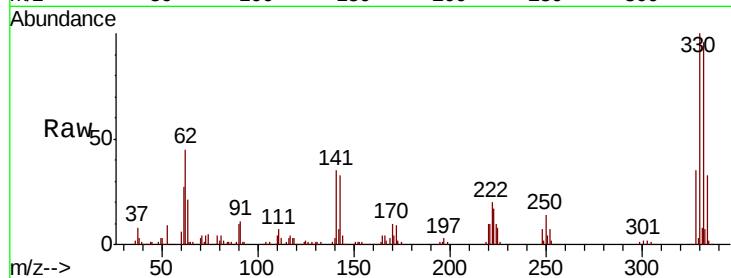
Tot Ion:330 Resp: 292358

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

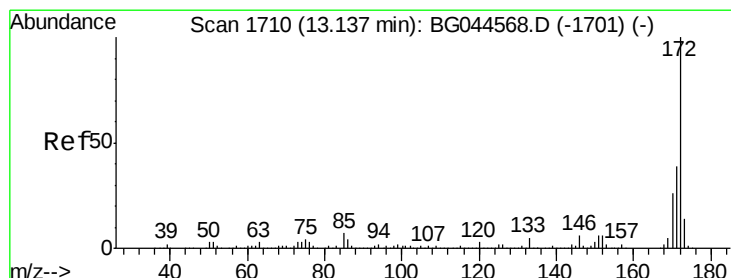
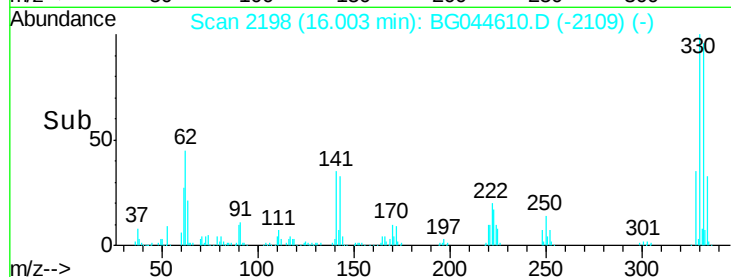
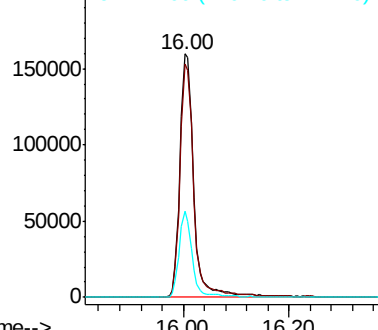
141 33.2 26.1 39.1



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: 82.622 ng

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

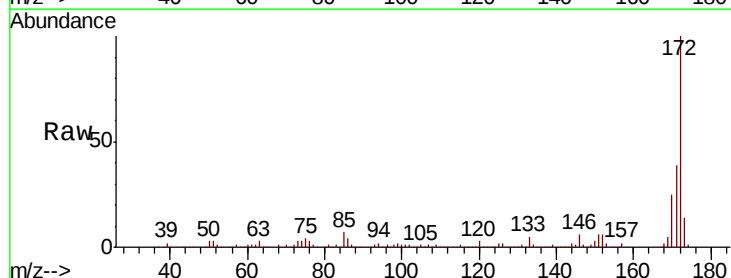
Tgt Ion:172 Resp: 932814

Ion Ratio Lower Upper

172 100

171 38.5 31.3 46.9

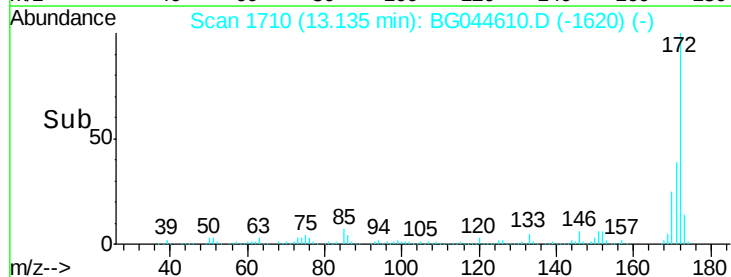
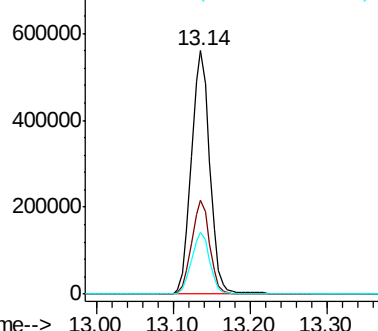
170 25.3 21.0 31.4

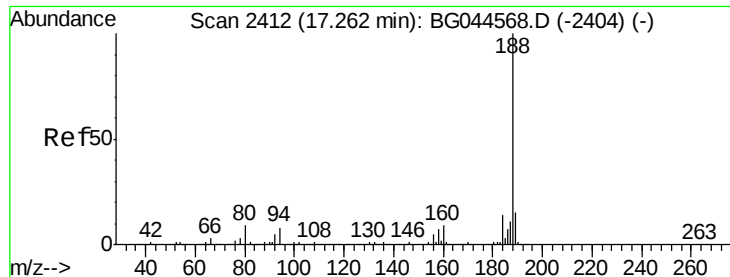


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

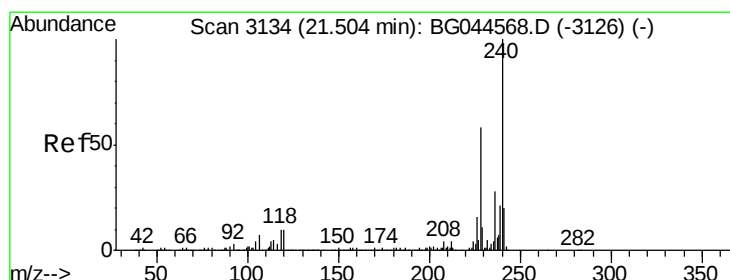
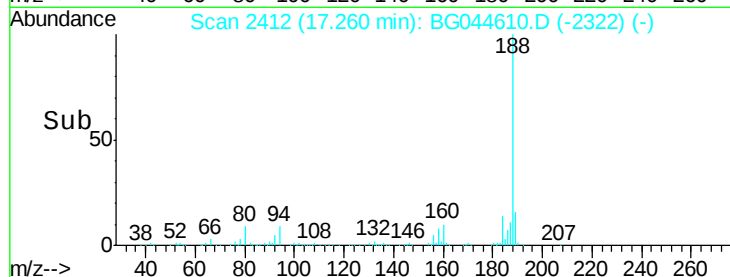
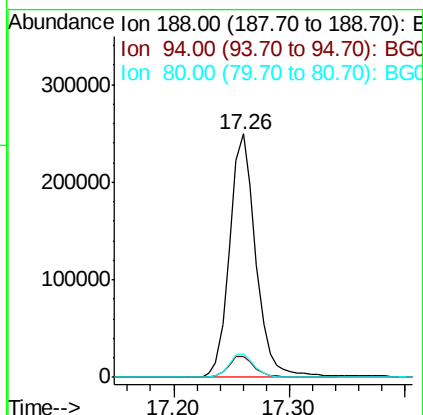
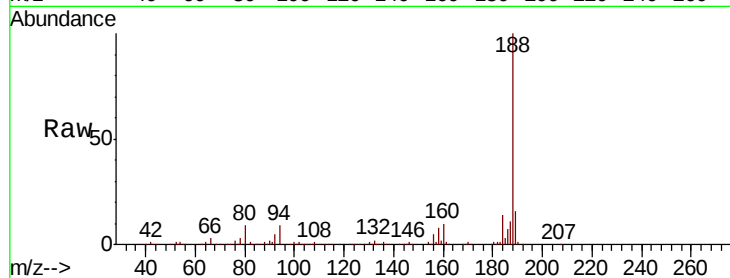




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

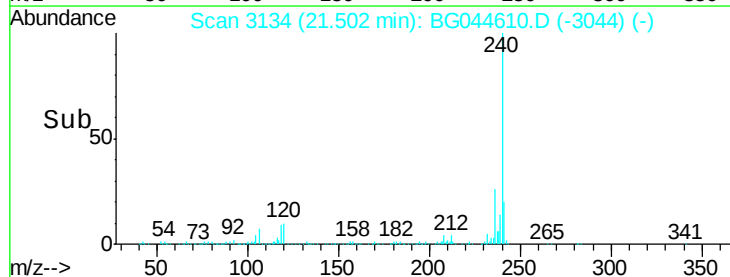
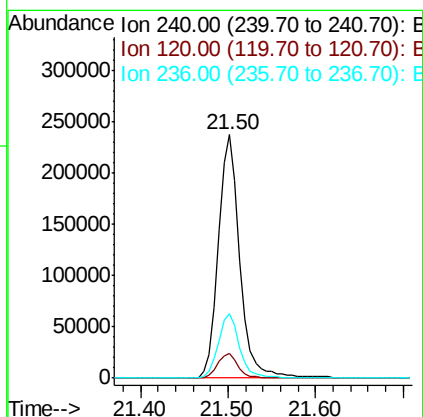
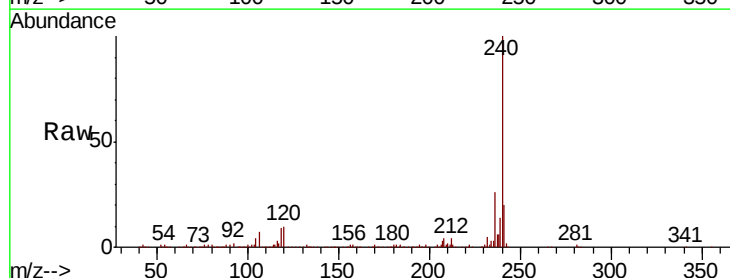
Instrument :
BNA_G
ClientSampleId :
WH-COMP-3

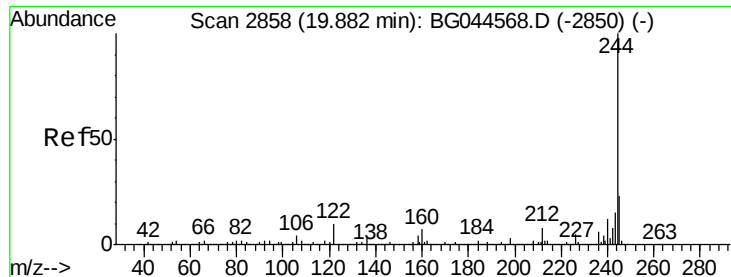
Tot Ion:188 Resp: 392171
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Tgt Ion:240 Resp: 403996
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 26.3 22.3 33.5





#79

Terphenyl-d14

Concen: 78.506 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Instrument :

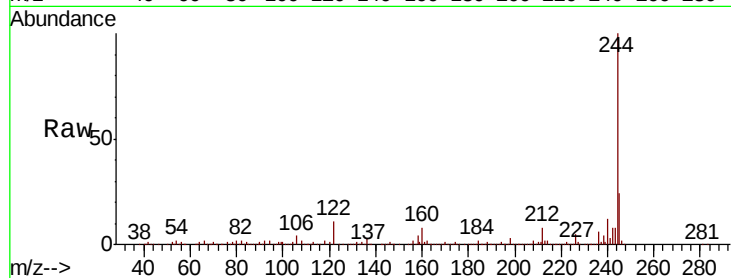
BNA_G

ClientSampled :

WH-COMP-3

Tot Ion:244 Resp: 1675387

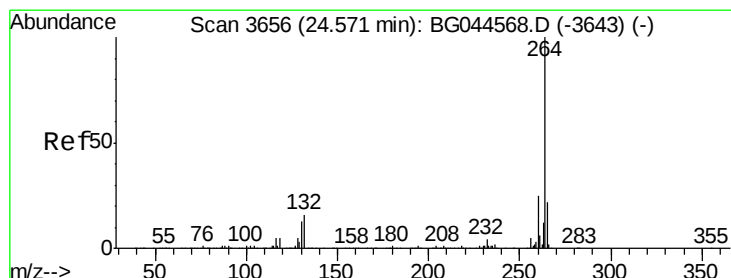
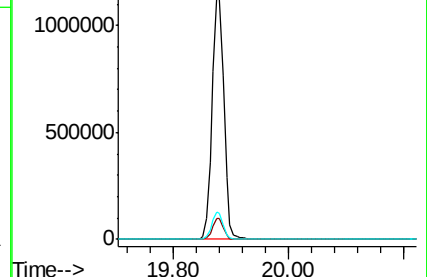
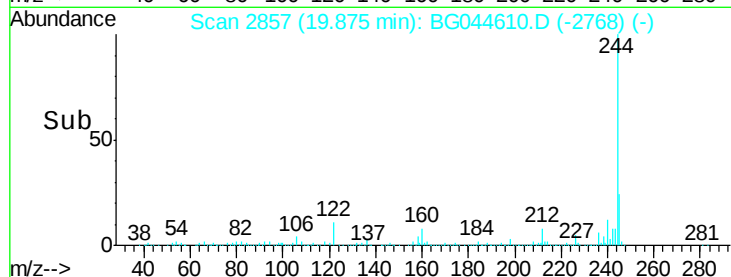
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.3	8.2	12.4



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

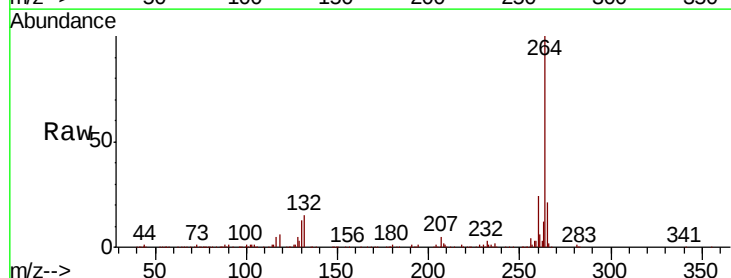
Delta R.T. -0.01 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Tgt Ion:264 Resp: 413385

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.4	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

