

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046467.D
 Acq On : 26 Aug 2020 23:53
 Operator : CG/JU
 Sample : L3785-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-09

Quant Time: Aug 27 02:03:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62009	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	239878	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	162047	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	434727	20.00	ng	0.00
76) Chrysene-d12	21.55	240	530941	20.00	ng	0.00
86) Perylene-d12	24.66	264	527288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	348840	99.64	ng	0.00
7) Phenol-d6	7.10	99	412640	83.14	ng	0.00
23) Nitrobenzene-d5	9.09	82	322124	76.75	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	233038	106.14	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	811433	76.44	ng	0.00
79) Terphenyl-d14	19.92	244	1718207	68.87	ng	0.00

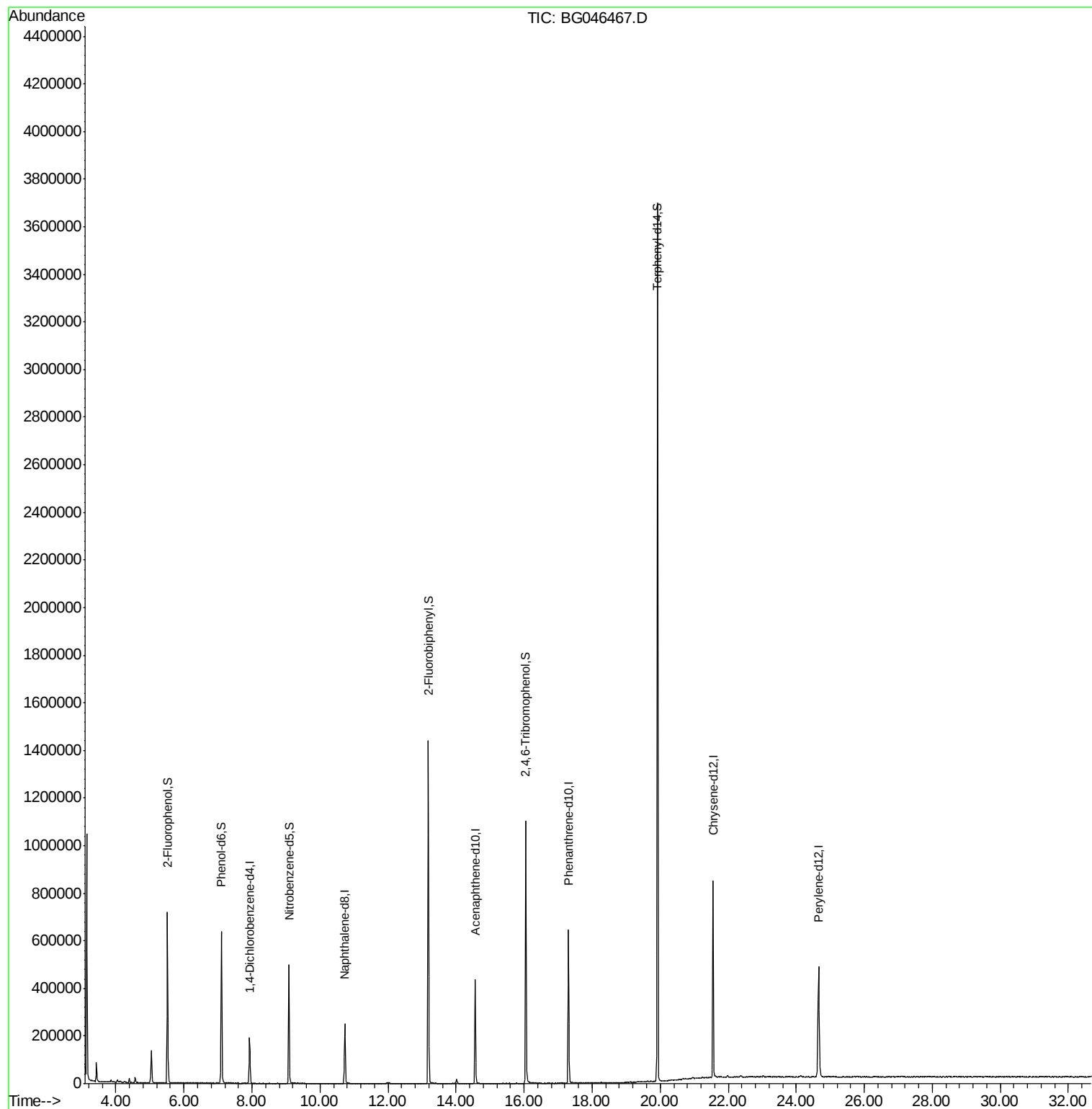
Target Compounds Qvalue

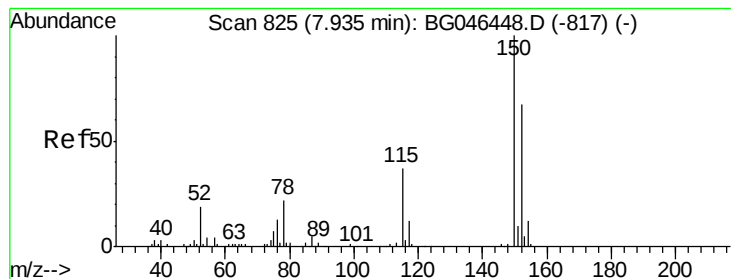
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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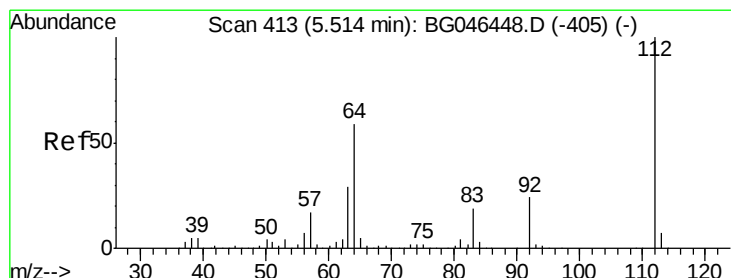
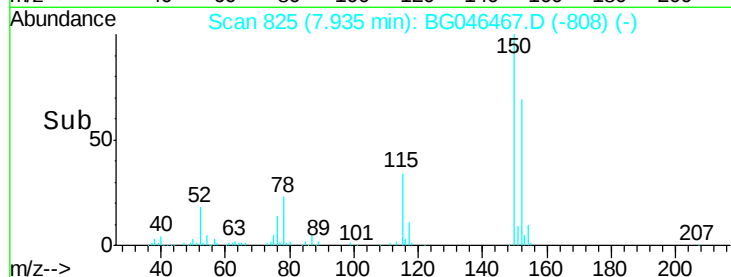
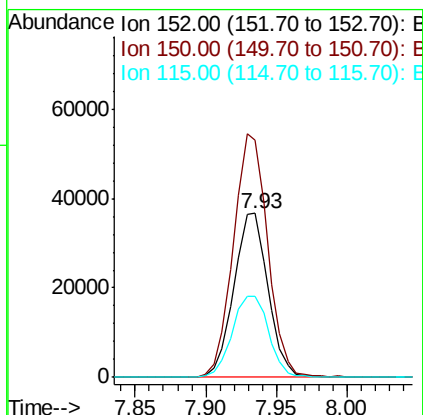
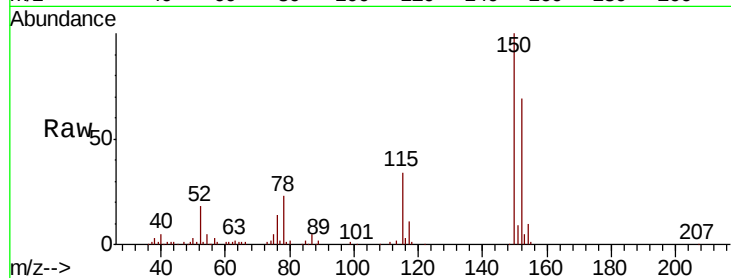


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046467.D
Acq: 26 Aug 2020 23:53

Instrument :
BNA_G
ClientSampleId :
CHRT-09

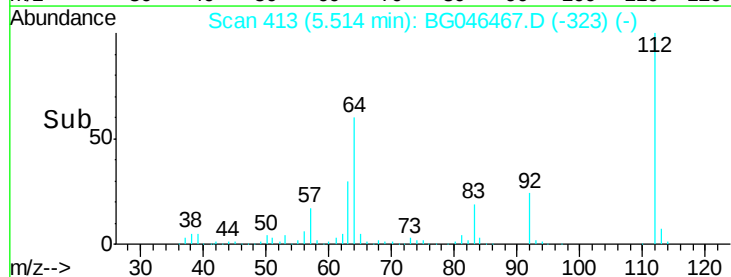
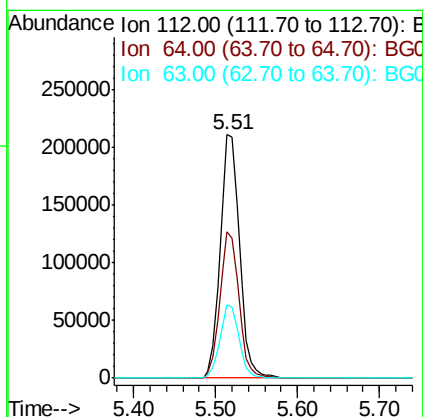
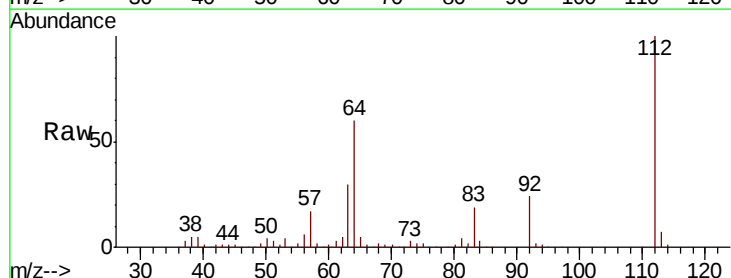
Tot Ion:152 Resp: 62009
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 49.7 44.3 66.5

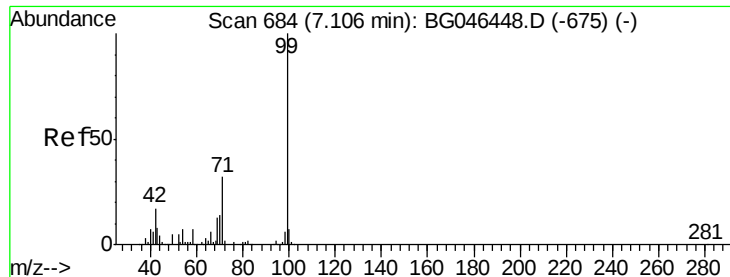


#5

2-Fluorophenol
Concen: 99.640 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046467.D
Acq: 26 Aug 2020 23:53

Tgt Ion:112 Resp: 348840
Ion Ratio Lower Upper
112 100
64 60.1 47.0 70.6
63 30.2 23.5 35.3





#7

Phenol-d6

Concen: 83.143 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

Instrument :

BNA_G

ClientSampleId :

CHRT-09

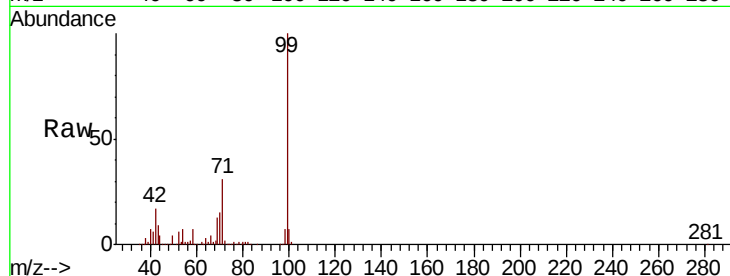
Tot Ion: 99 Resp: 412640

Ion Ratio Lower Upper

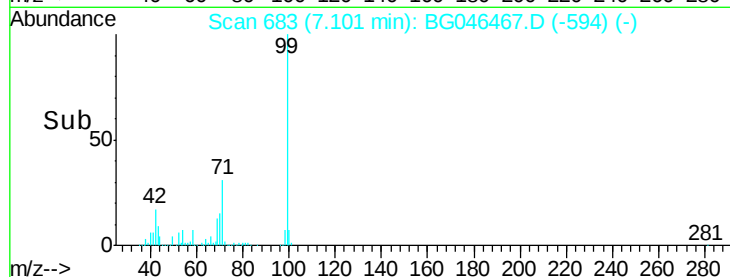
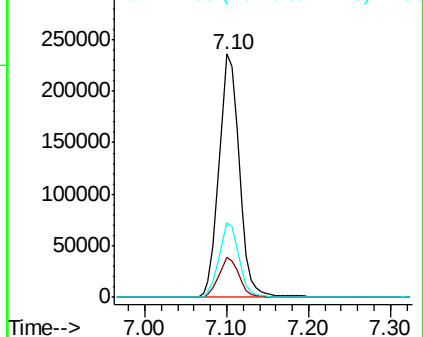
99 100

42 16.6 13.3 19.9

71 30.7 25.3 37.9



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: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

Tgt Ion: 136 Resp: 239878

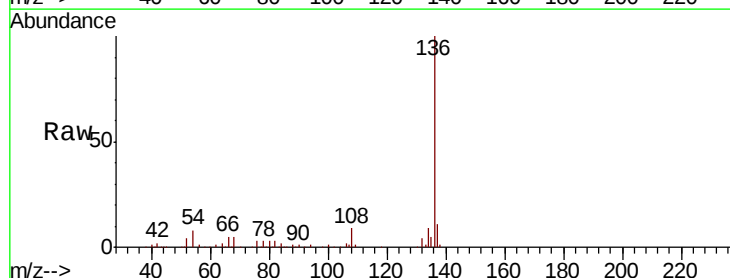
Ion Ratio Lower Upper

136 100

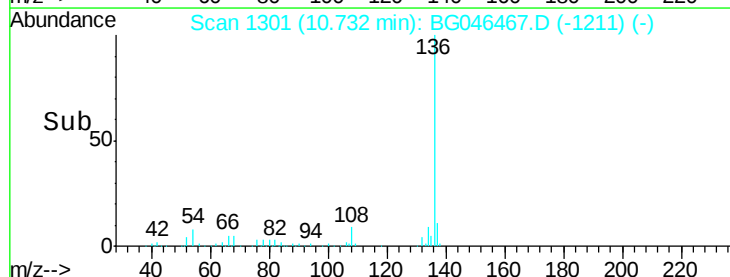
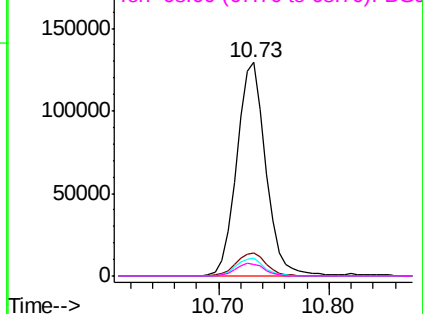
137 11.1 8.8 13.2

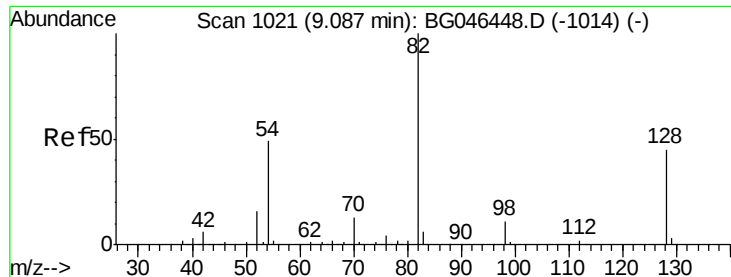
54 8.2 6.1 9.1

68 5.4 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

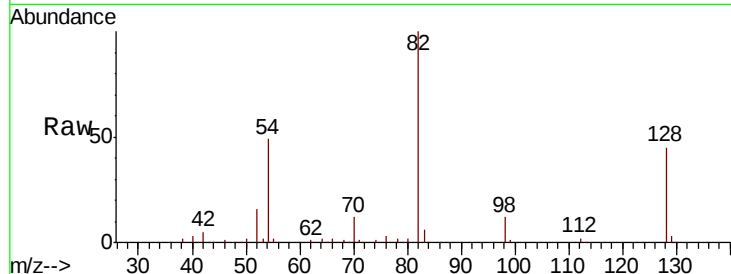




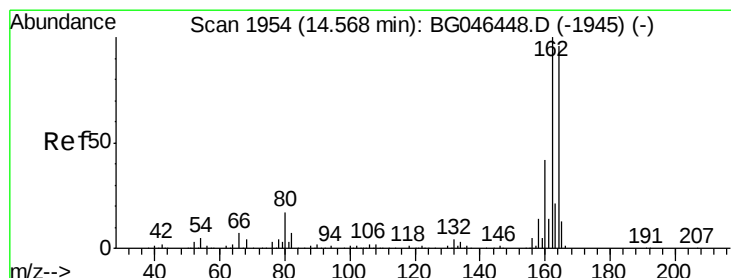
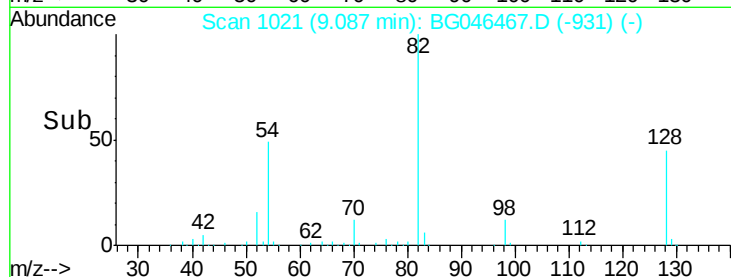
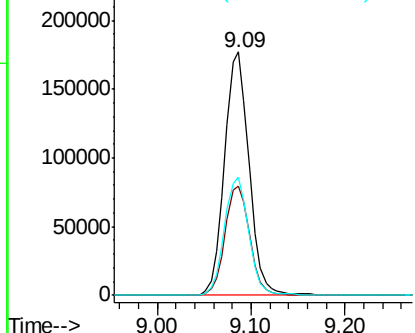
#23
Nitrobenzene-d5
Concen: 76.752 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046467.D
Acq: 26 Aug 2020 23:53

Instrument :
BNA_G
ClientSampled :
CHRT-09

Tot Ion: 82 Resp: 322124
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 48.6 39.4 59.0

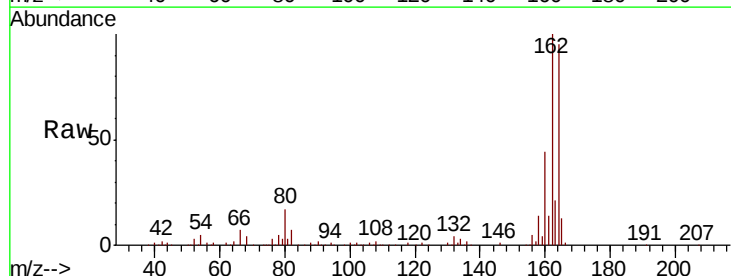


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

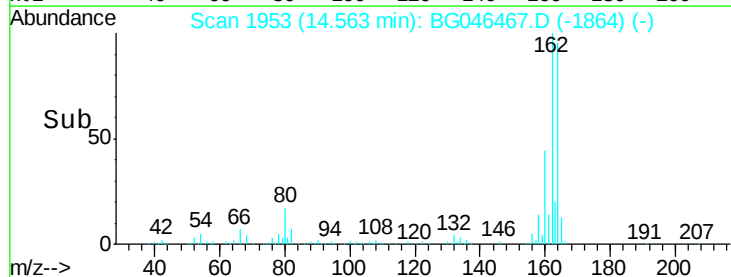
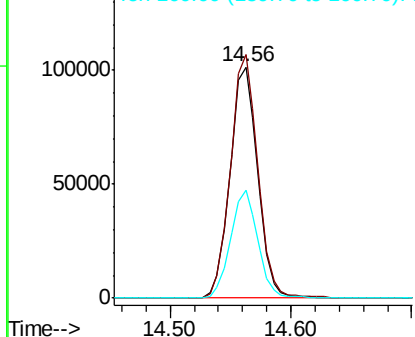


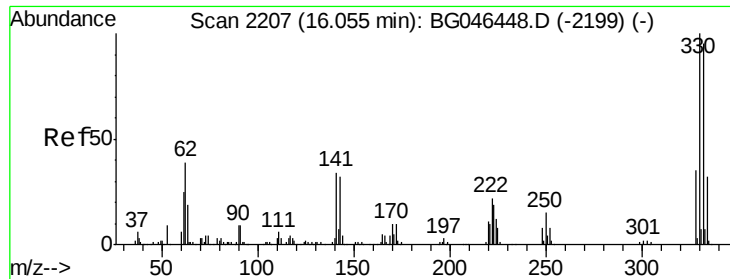
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG046467.D
Acq: 26 Aug 2020 23:53

Tgt Ion:164 Resp: 162047
Ion Ratio Lower Upper
164 100
162 105.4 83.3 124.9
160 46.9 35.0 52.6



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

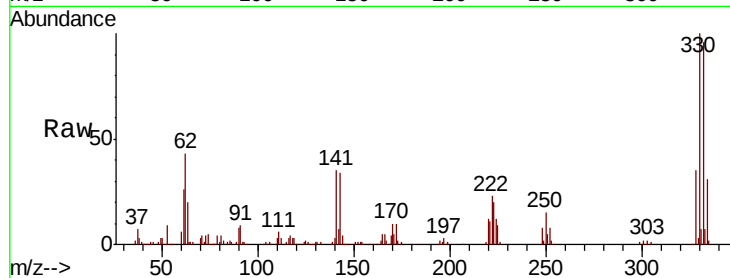




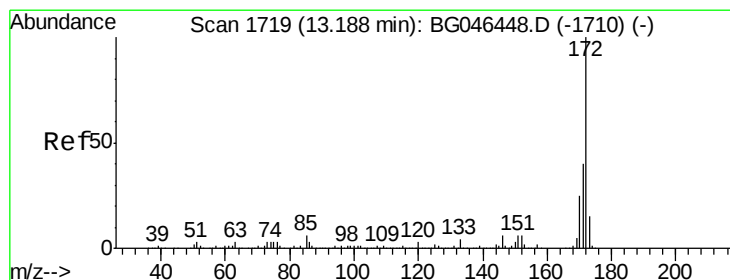
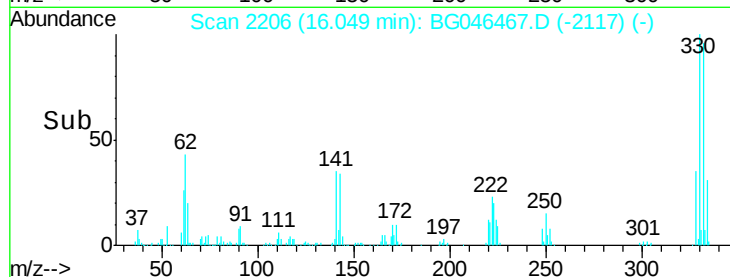
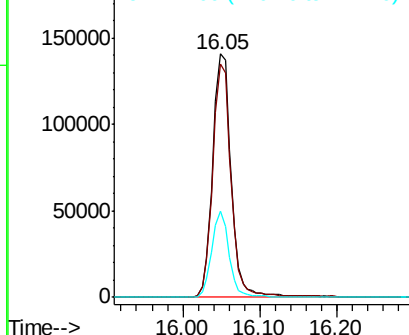
#42
 2,4,6-Tribromophenol
 Concen: 106.137 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG046467.D
 Acq: 26 Aug 2020 23:53

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-09

Tot Ion:330 Resp: 233038
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.1 114.1
 141 33.2 26.1 39.1

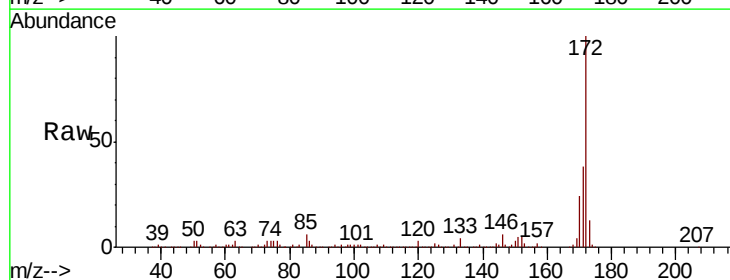


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

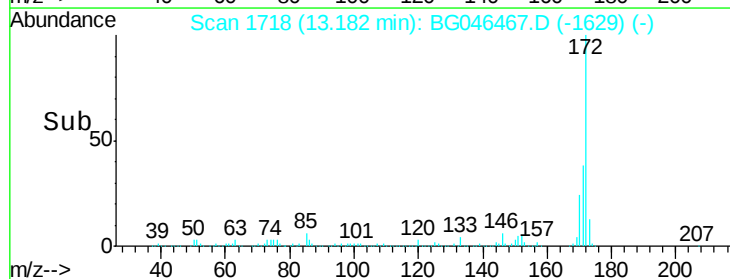
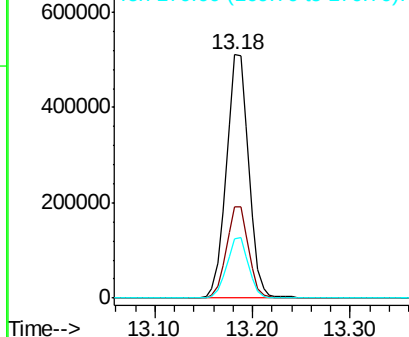


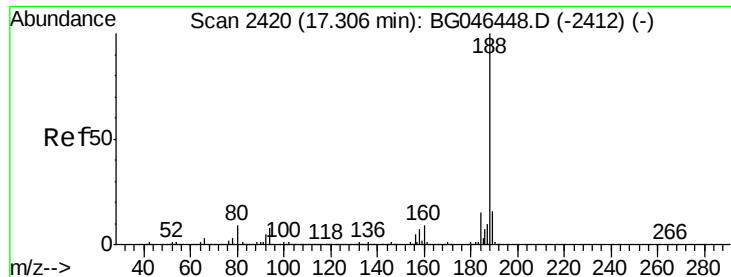
#45
 2-Fluorobiphenyl
 Concen: 76.441 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046467.D
 Acq: 26 Aug 2020 23:53

Tgt Ion:172 Resp: 811433
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.8 47.6
 170 24.1 20.3 30.5



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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

Instrument :

BNA_G

ClientSampleId :

CHRT-09

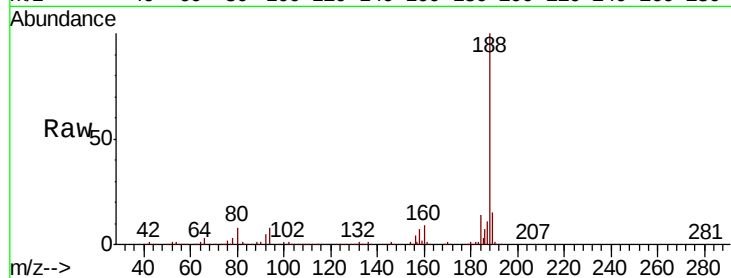
Tot Ion:188 Resp: 434727

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

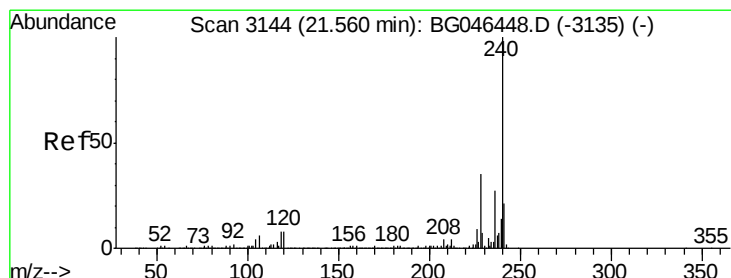
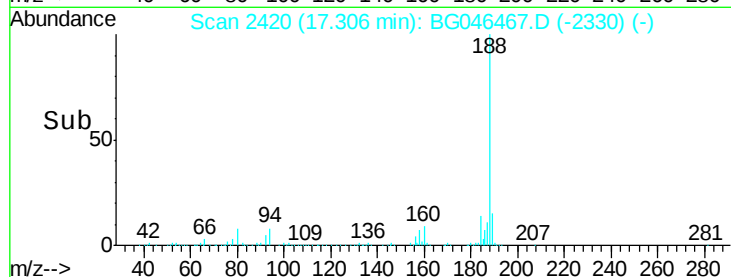
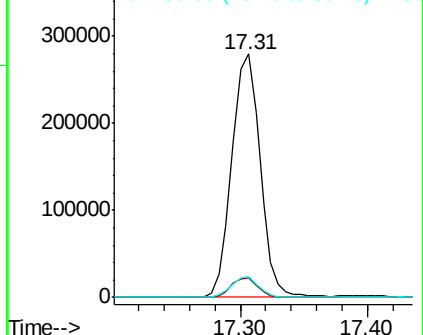
80 8.4 6.9 10.3



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: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

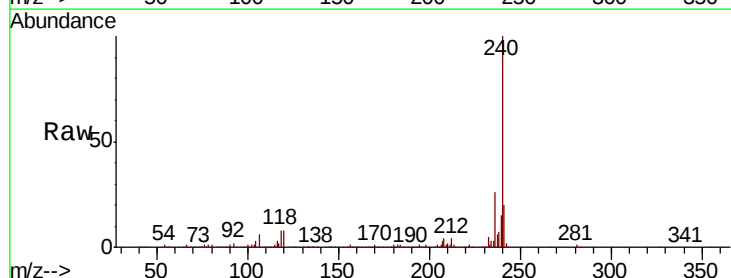
Tgt Ion:240 Resp: 530941

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

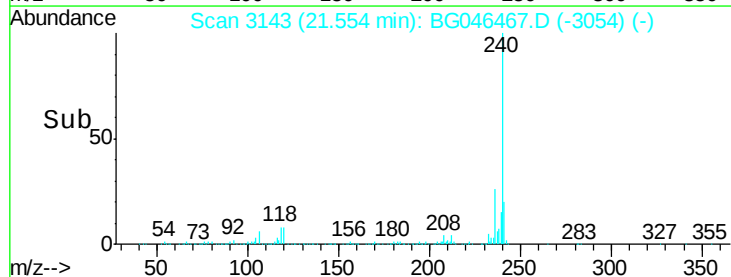
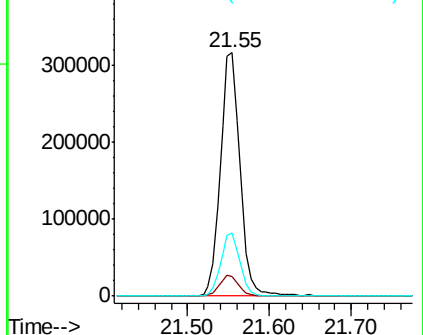
236 26.2 21.4 32.2

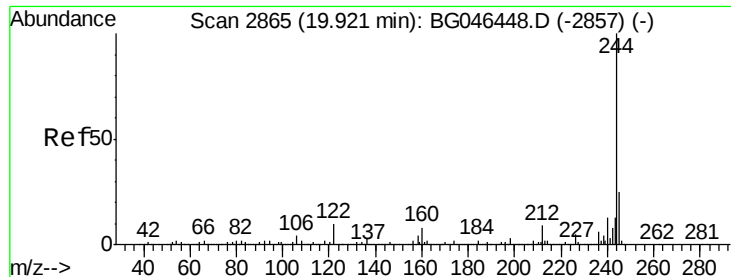


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.871 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

Instrument :

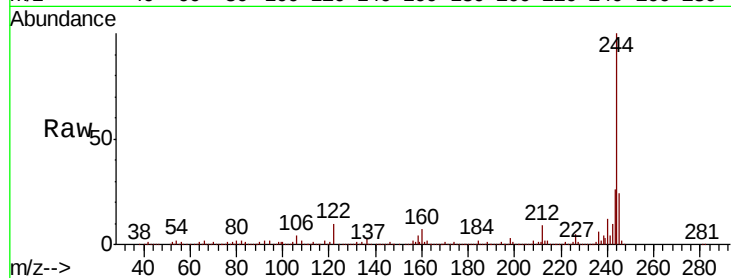
BNA_G

ClientSampleId :

CHRT-09

Tot Ion:244 Resp: 1718207

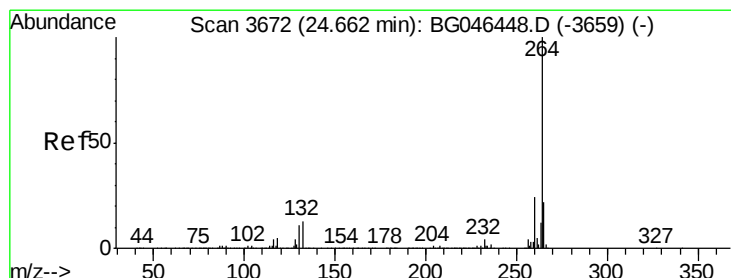
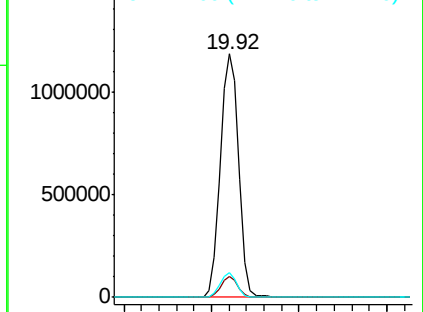
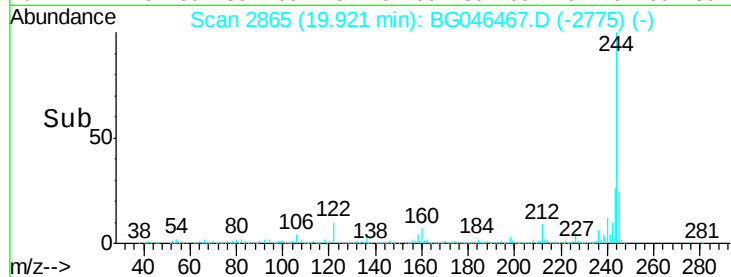
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.9	8.2	12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

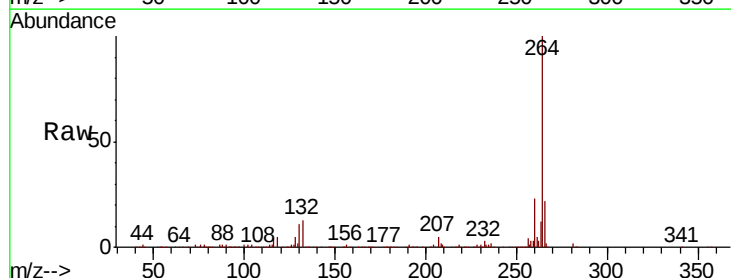
Delta R.T. -0.01 min

Lab File: BG046467.D

Acq: 26 Aug 2020 23:53

Tgt Ion:264 Resp: 527288

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.5	17.9	26.9



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

