

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046468.D
 Acq On : 27 Aug 2020 00:34
 Operator : CG/JU
 Sample : L3785-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-18

Quant Time: Aug 27 02:06:58 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	61165	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	244657	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	164651	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	436810	20.00	ng	0.00
76) Chrysene-d12	21.55	240	534702	20.00	ng	0.00
86) Perylene-d12	24.66	264	524070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	395566	114.55	ng	0.00
7) Phenol-d6	7.10	99	463255	94.63	ng	0.00
23) Nitrobenzene-d5	9.08	82	370964	86.66	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	268706	120.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	914721	84.81	ng	0.00
79) Terphenyl-d14	19.92	244	1848529	73.57	ng	0.00

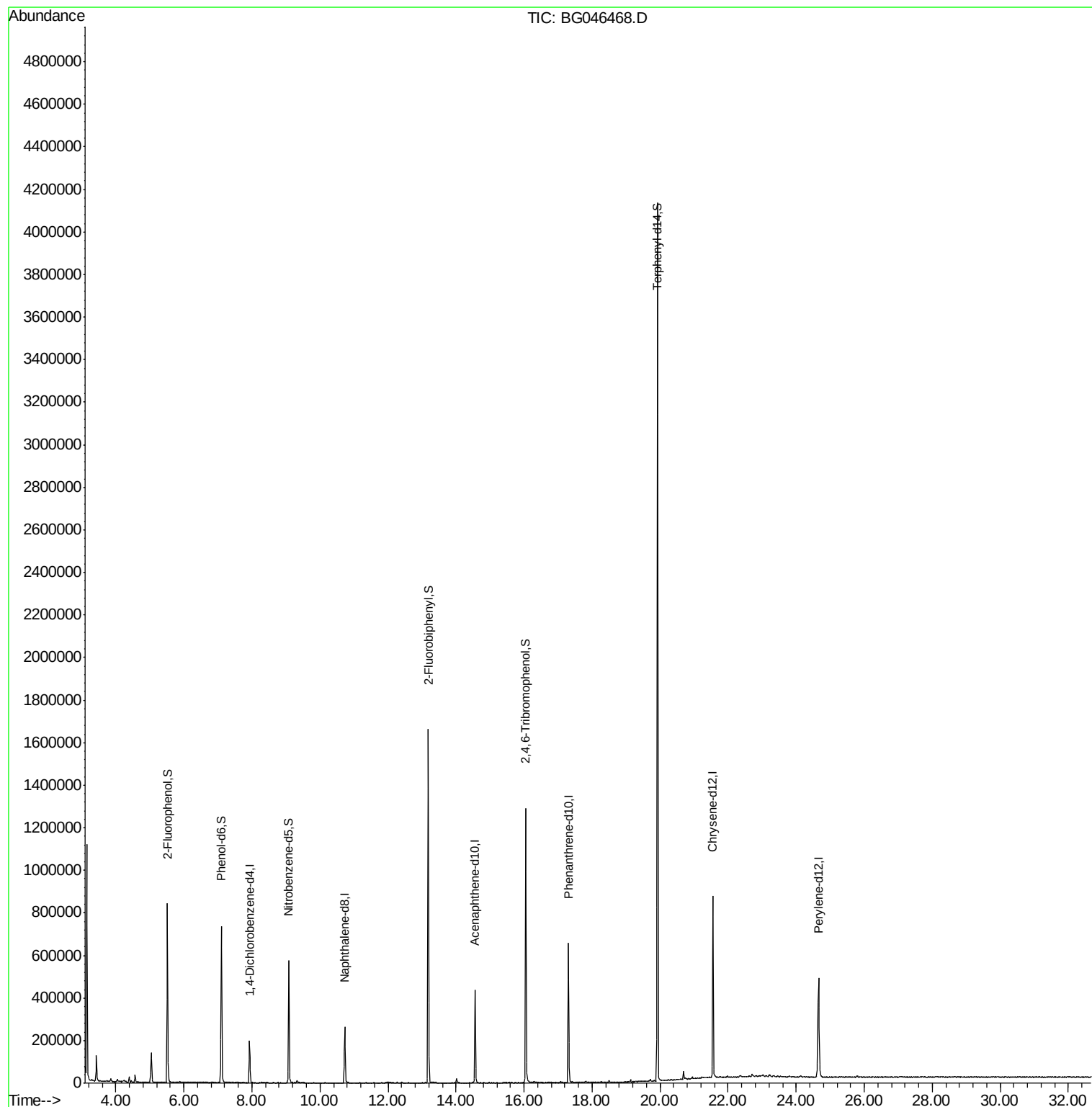
Target Compounds Qvalue

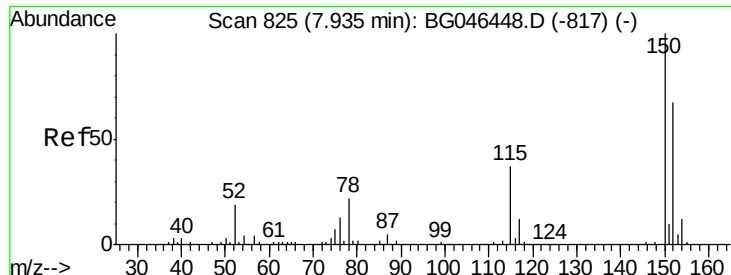
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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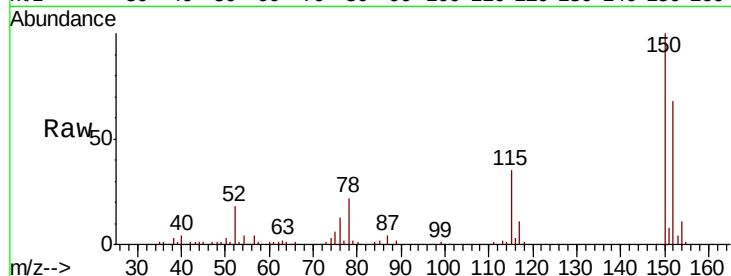


#1

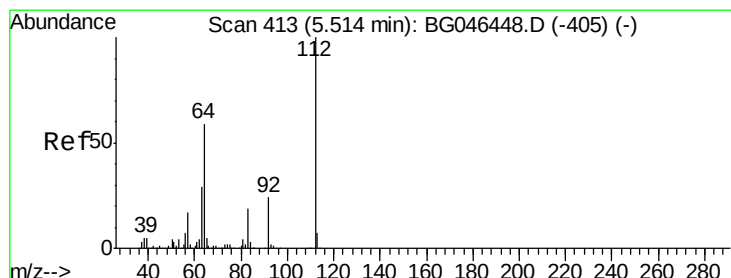
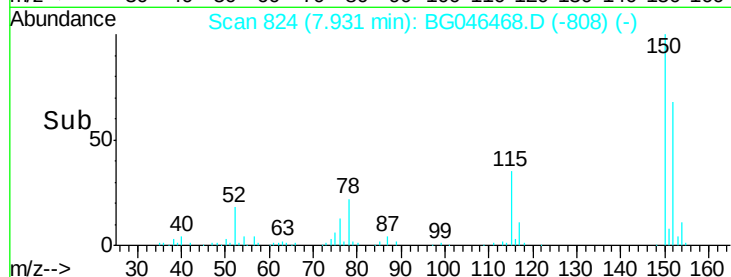
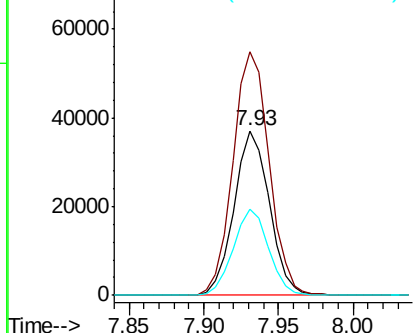
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046468.D
Acq: 27 Aug 2020 00:34

Instrument :
BNA_G
ClientSampleId :
CHRT-18

Tot Ion	152	Resp	61165
Ion Ratio	100	Lower	Upper
152	100		
150	147.7	119.5	179.3
115	52.2	44.3	66.5



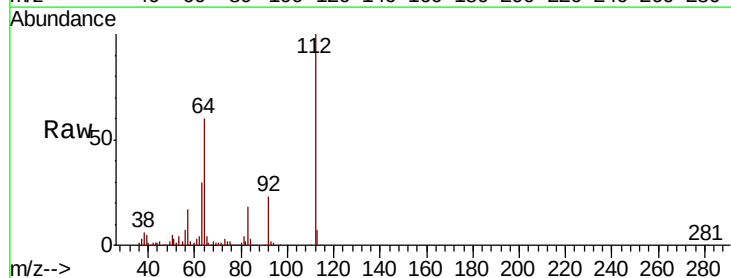
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



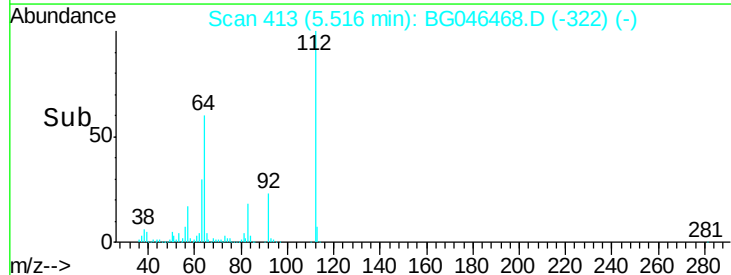
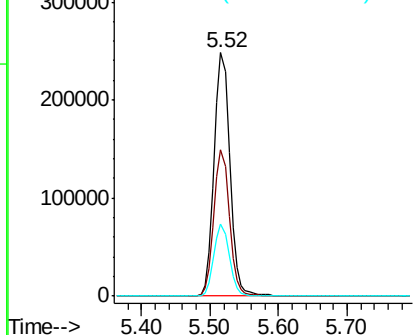
#5

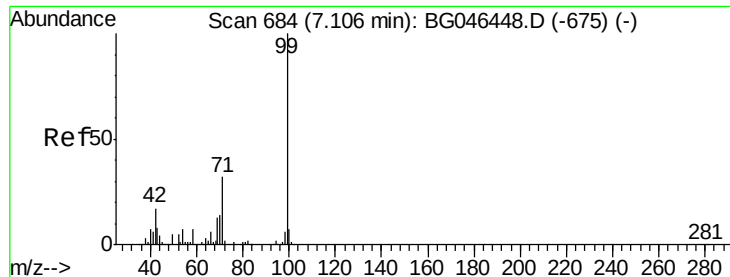
2-Fluorophenol
Concen: 114.546 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046468.D
Acq: 27 Aug 2020 00:34

Tgt Ion	112	Resp	395566
Ion Ratio	100	Lower	Upper
112	100		
64	60.3	47.0	70.6
63	29.7	23.5	35.3



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: 94.629 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

Instrument :

BNA_G

ClientSampleId :

CHRT-18

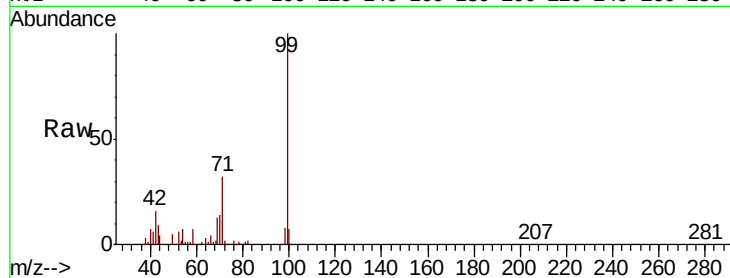
Tot Ion: 99 Resp: 463255

Ion Ratio Lower Upper

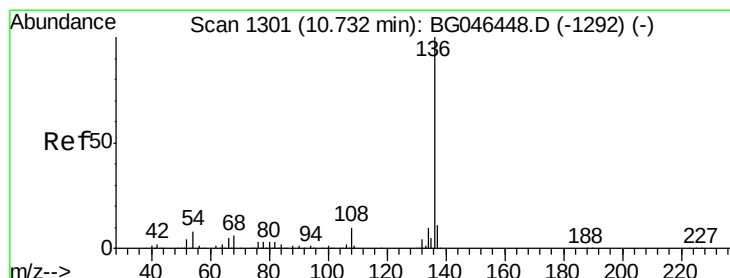
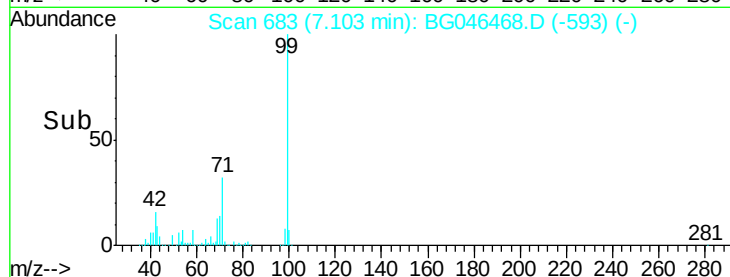
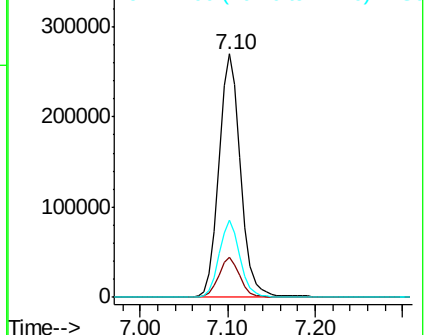
99 100

42 16.4 13.3 19.9

71 31.8 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# 1300

Delta R.T. -0.00 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

Tgt Ion: 136 Resp: 244657

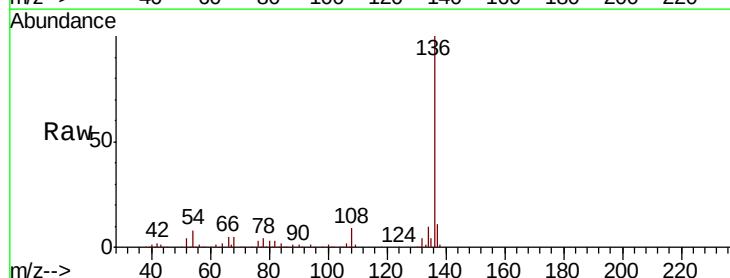
Ion Ratio Lower Upper

136 100

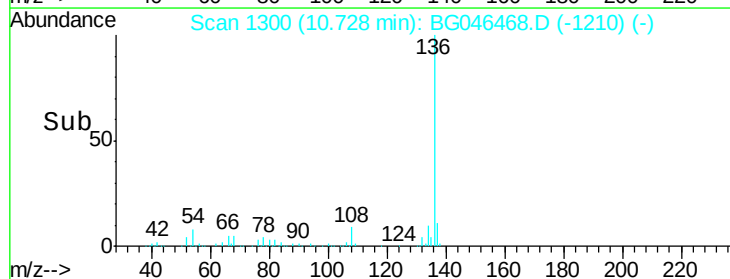
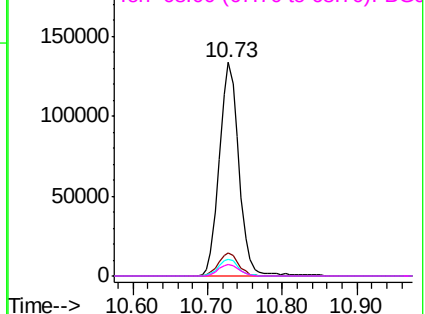
137 11.1 8.8 13.2

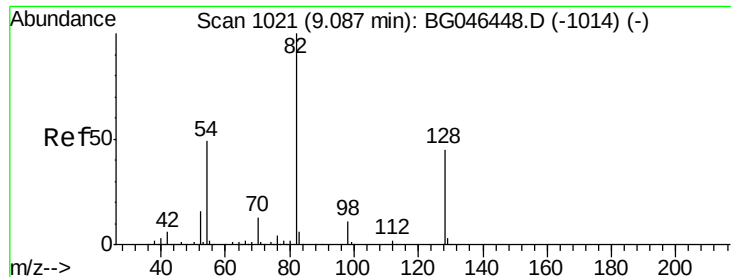
54 8.0 6.1 9.1

68 5.3 4.8 7.2



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

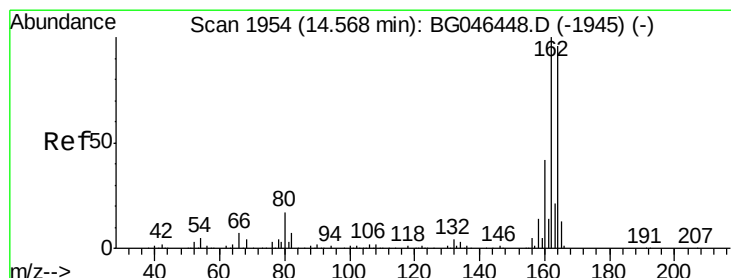
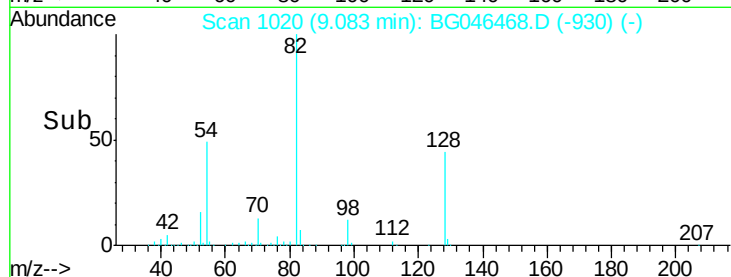
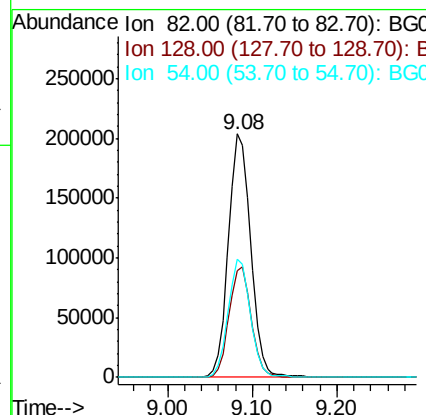
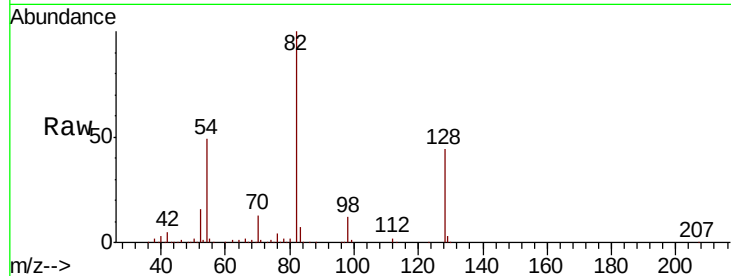




#23
 Nitrobenzene-d5
 Concen: 86.662 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046468.D
 Acq: 27 Aug 2020 00:34

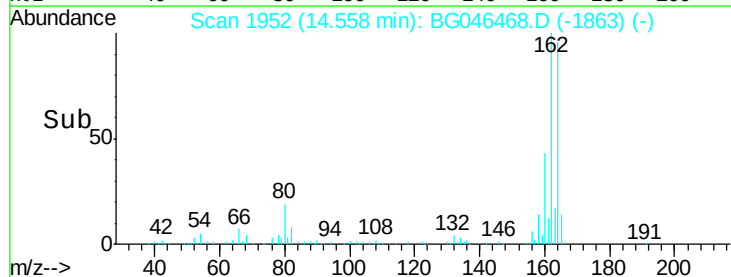
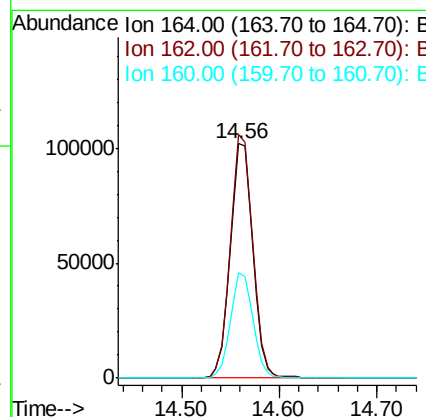
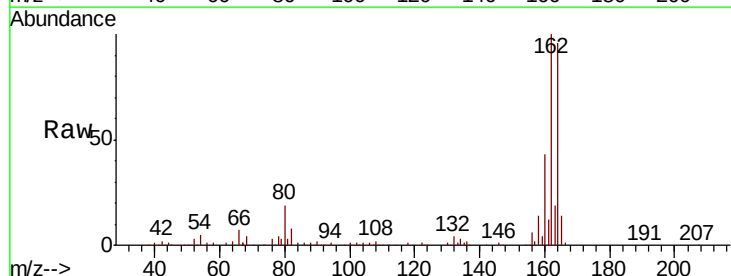
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-18

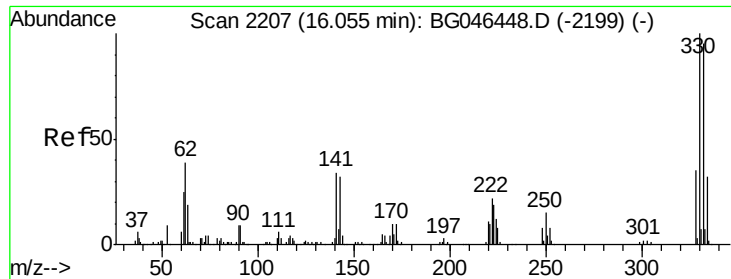
Tot Ion	82	Resp	370964
Ion Ratio	100	Lower	Upper
128	43.9	35.7	53.5
54	48.6	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046468.D
 Acq: 27 Aug 2020 00:34

Tgt Ion	164	Resp	164651
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.9	83.3	124.9
160	44.8	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 120.447 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

Instrument :

BNA_G

ClientSampleId :

CHRT-18

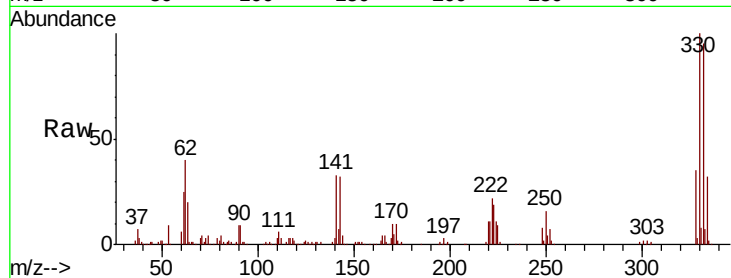
Tot Ion:330 Resp: 268706

Ion Ratio Lower Upper

330 100

332 96.4 76.1 114.1

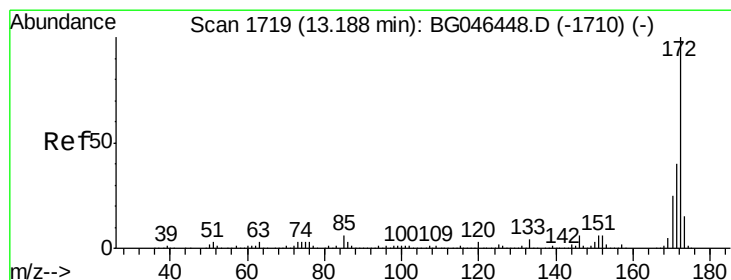
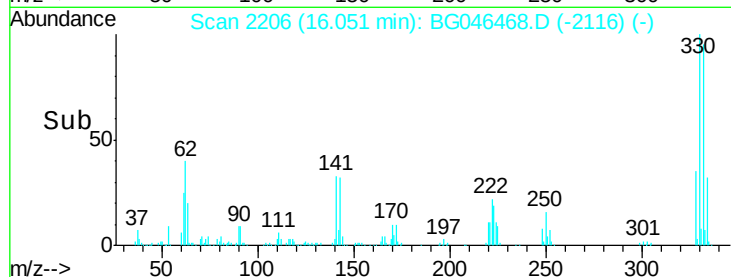
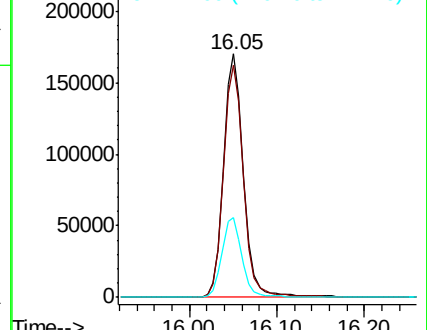
141 33.2 26.1 39.1



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: 84.808 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

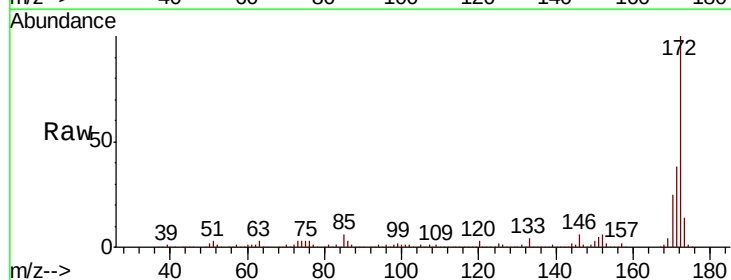
Tgt Ion:172 Resp: 914721

Ion Ratio Lower Upper

172 100

171 37.7 31.8 47.6

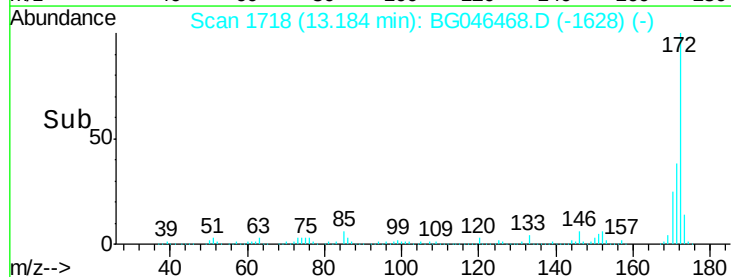
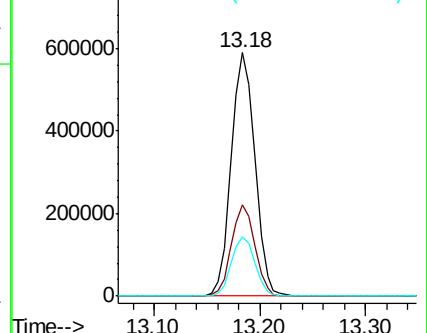
170 24.6 20.3 30.5

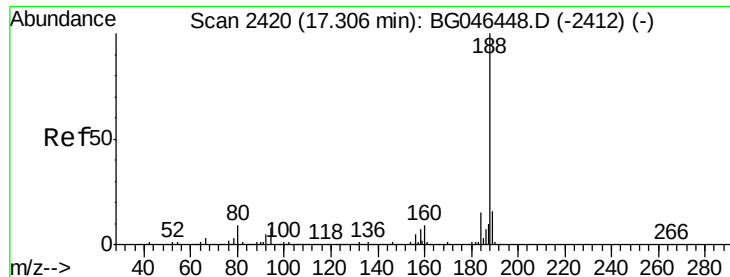


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

Instrument :

BNA_G

ClientSampleId :

CHRT-18

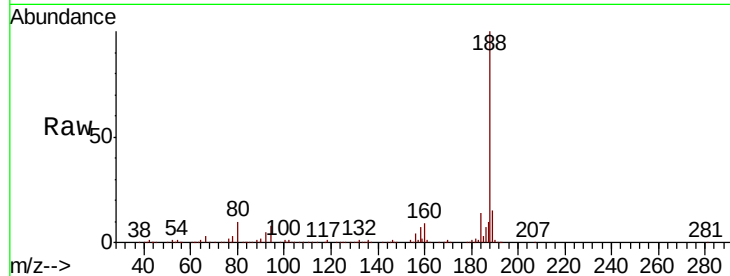
Tot Ion:188 Resp: 436810

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

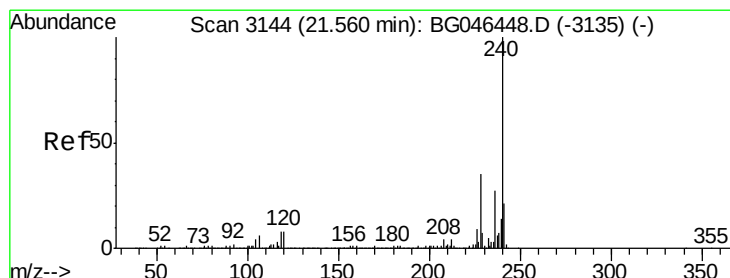
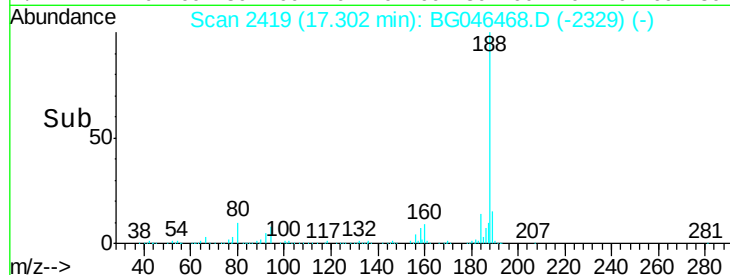
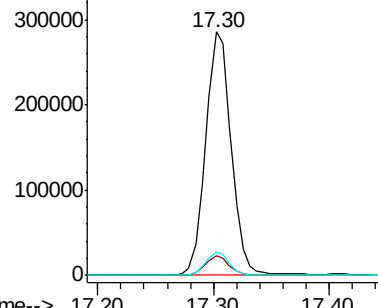
80 9.7 6.9 10.3



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# 3142

Delta R.T. -0.01 min

Lab File: BG046468.D

Acq: 27 Aug 2020 00:34

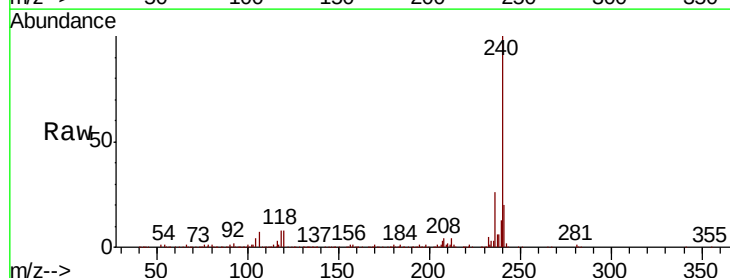
Tgt Ion:240 Resp: 534702

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

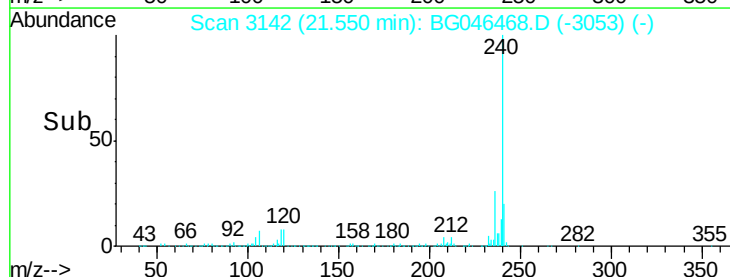
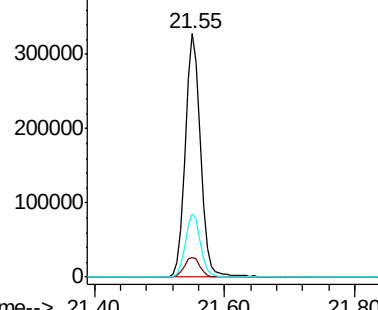
236 26.1 21.4 32.2

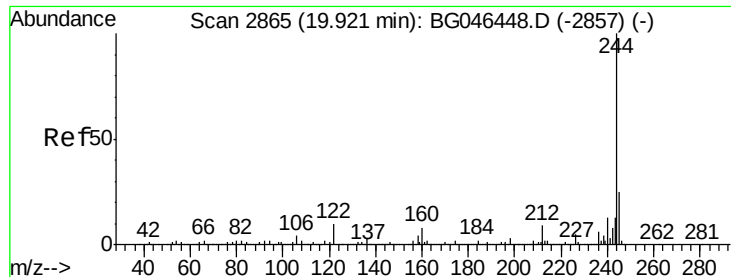


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



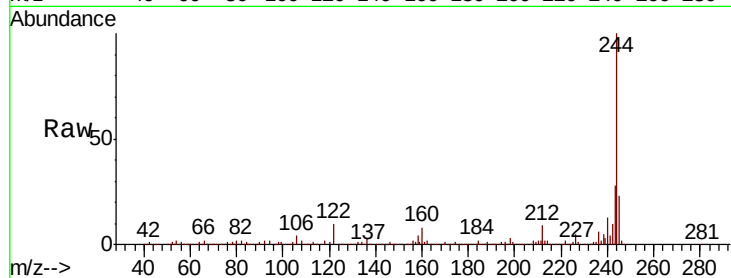


#79
 Terphenyl-d14
 Concen: 73.574 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046468.D
 Acq: 27 Aug 2020 00:34

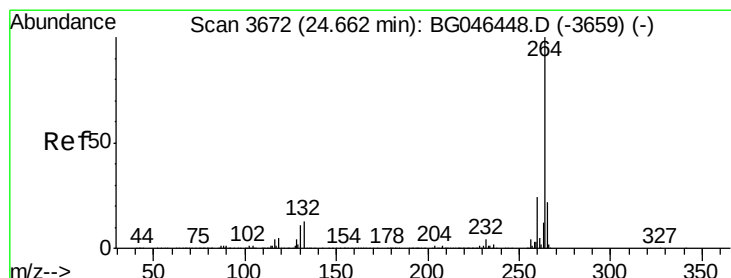
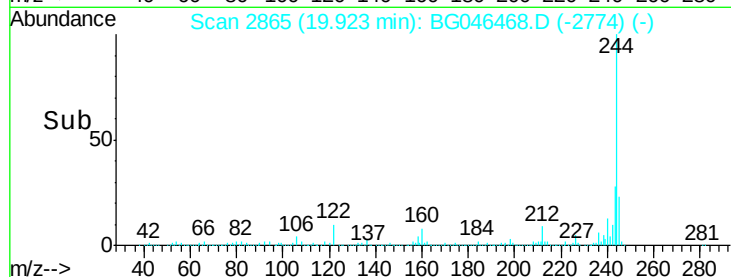
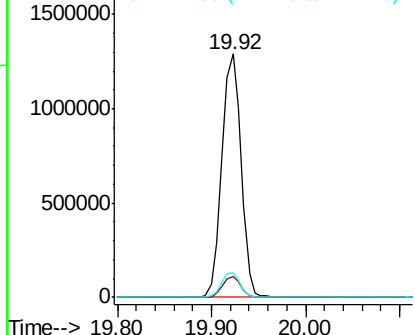
Instrument :
 BNA_G
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 CHRT-18

Tot Ion:244 Resp: 1848529

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	10.0	8.2	12.4



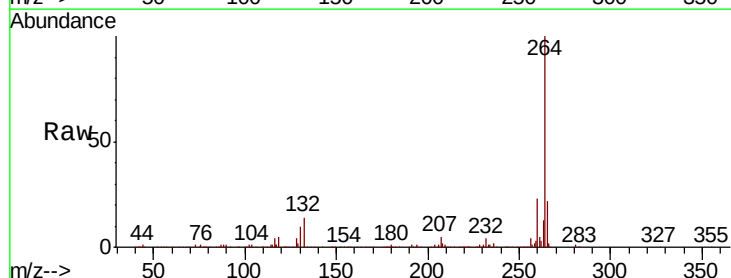
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.66 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG046468.D
 Acq: 27 Aug 2020 00:34

Tgt Ion:264 Resp: 524070

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.6	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

