

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044292.D
 Acq On : 4 Feb 2020 22:33
 Operator : CG/JU
 Sample : L1360-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Feb 05 05:33:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

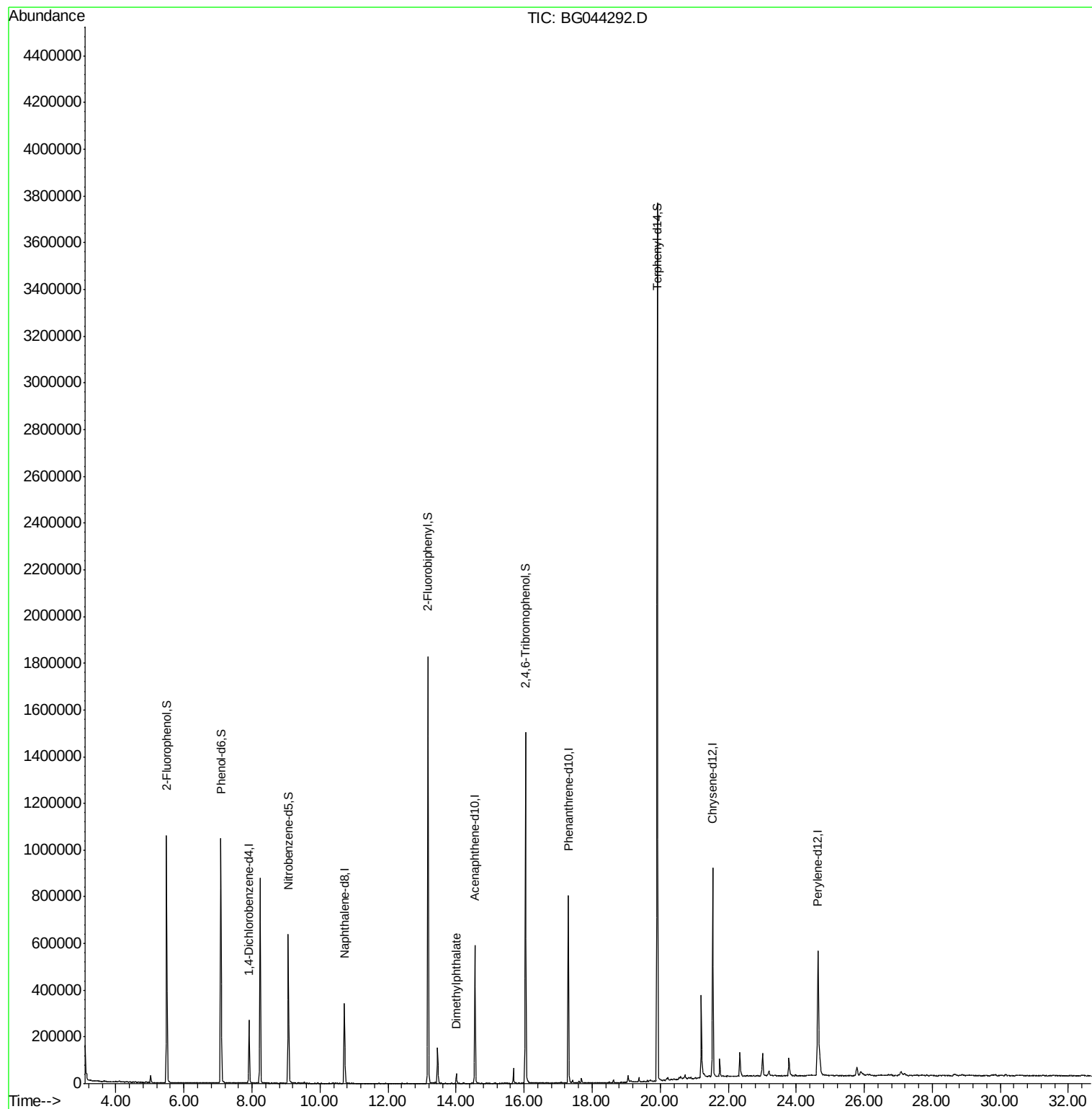
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	81638	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	327023	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	217611	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	516293	20.00	ng	0.00
76) Chrysene-d12	21.54	240	506402	20.00	ng	0.00
87) Perylene-d12	24.64	264	567888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	529514	114.47	ng	0.00
7) Phenol-d6	7.08	99	694013	111.73	ng	0.00
23) Nitrobenzene-d5	9.07	82	414323	71.53	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	294864	115.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	971025	74.72	ng	0.00
79) Terphenyl-d14	19.92	244	1744631	70.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	32855	2.100	ng	Qvalue 97

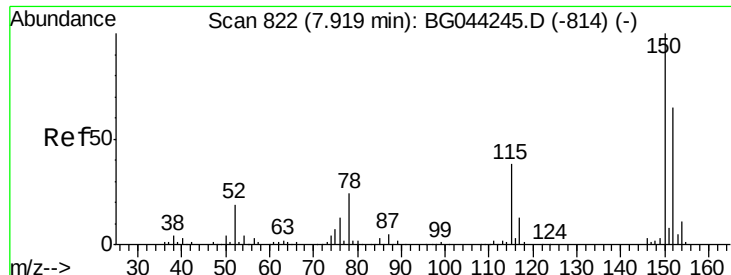
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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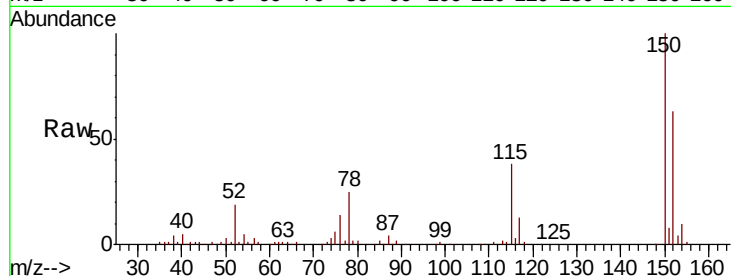


#1

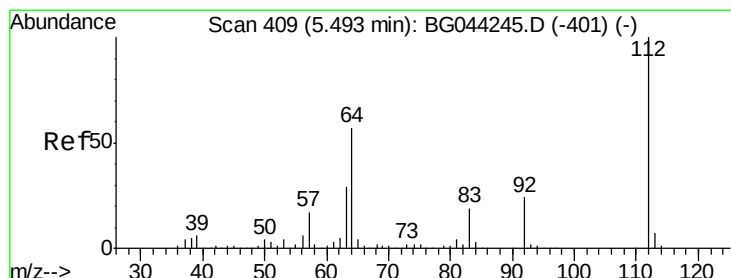
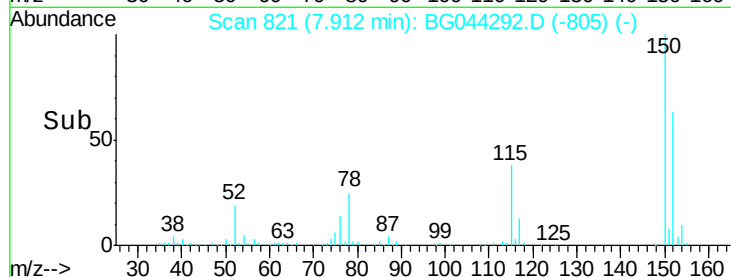
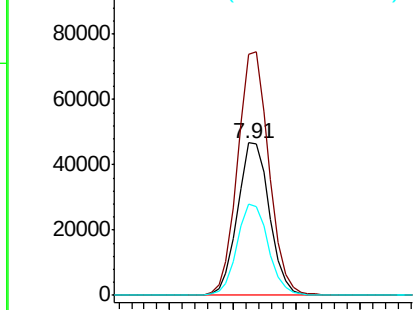
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044292.D
Acq: 4 Feb 2020 22:33

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.6	183.8
115	60.3	46.0	69.0



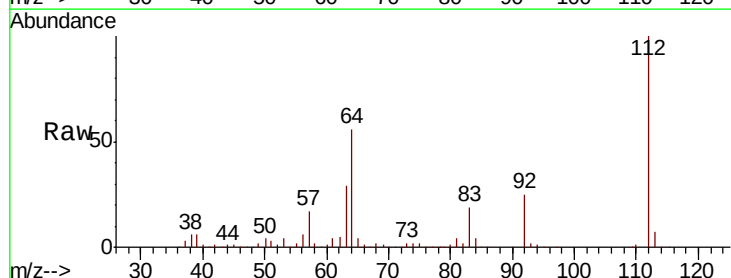
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



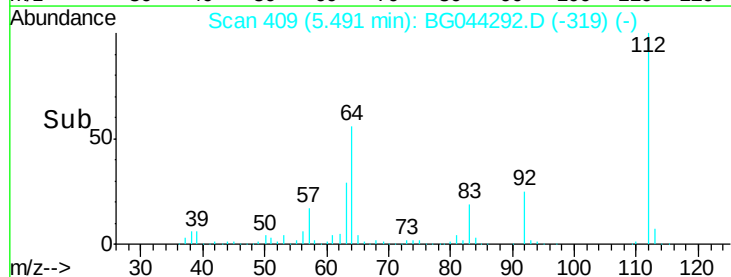
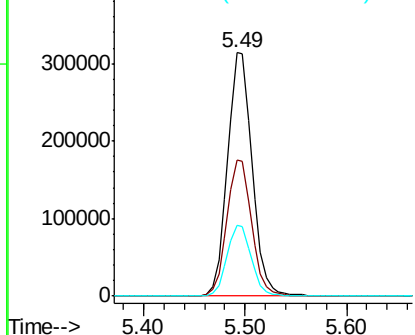
#5

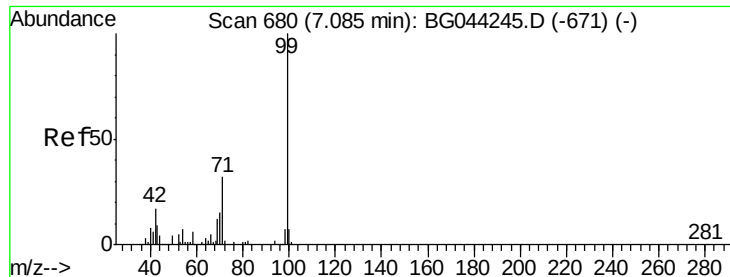
2-Fluorophenol
Concen: 114.470 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044292.D
Acq: 4 Feb 2020 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	29.3	22.9	34.3



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: 111.726 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044292.D

Acq: 4 Feb 2020 22:33

Instrument :

BNA_G

ClientSampled :

TP-2

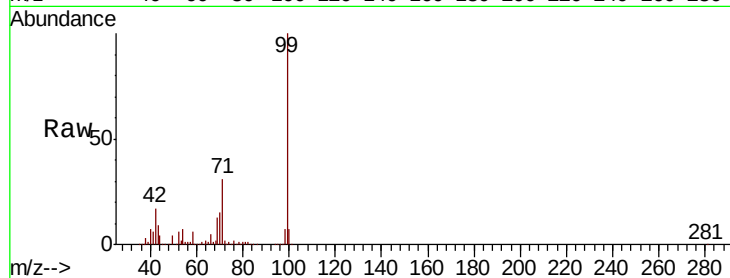
Tot Ion: 99 Resp: 694013

Ion Ratio Lower Upper

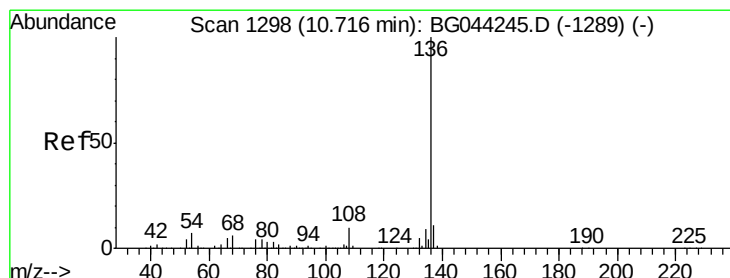
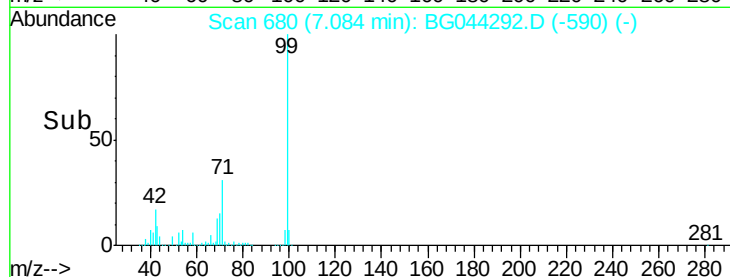
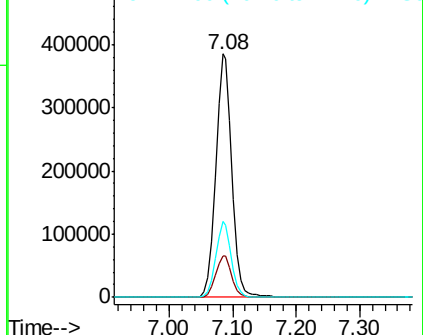
99 100

42 16.9 13.8 20.6

71 31.4 25.5 38.3



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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044292.D

Acq: 4 Feb 2020 22:33

Tgt Ion: 136 Resp: 327023

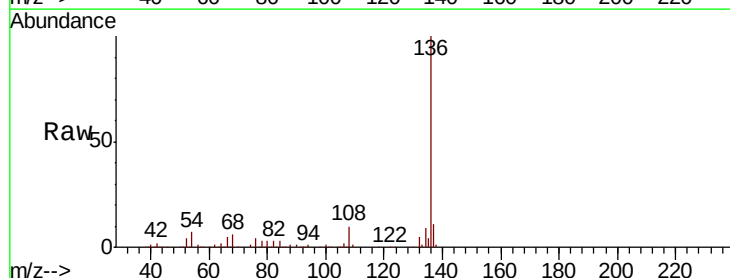
Ion Ratio Lower Upper

136 100

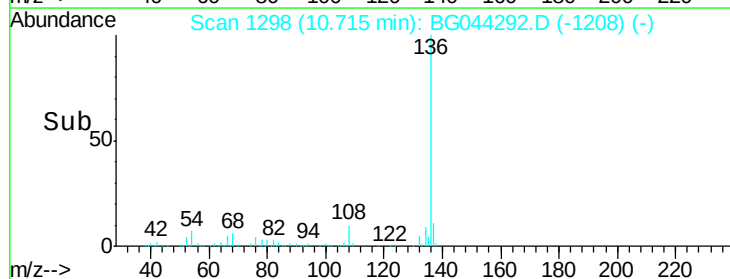
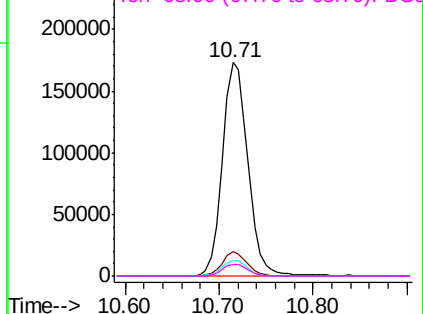
137 11.1 8.8 13.2

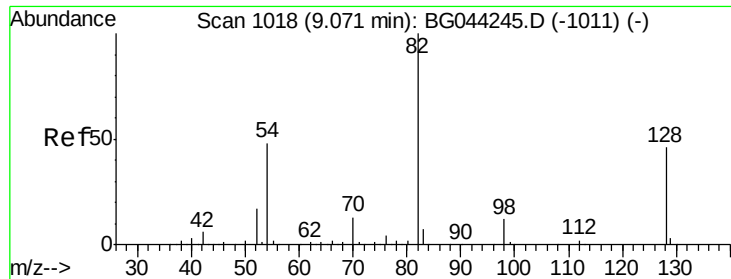
54 7.2 5.8 8.8

68 5.7 4.6 6.8



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

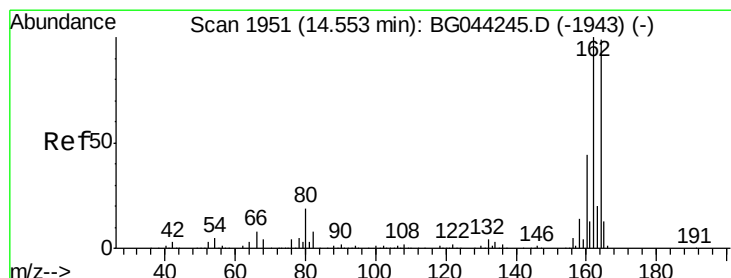
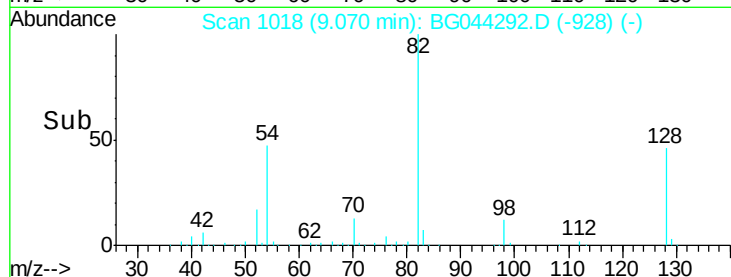
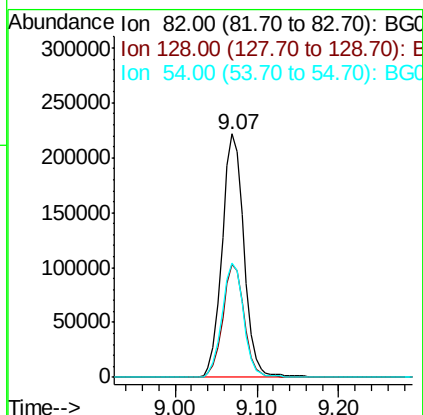
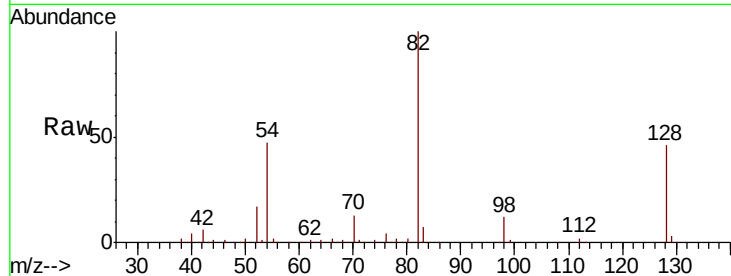




#23
Nitrobenzene-d5
Concen: 71.528 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044292.D
Acq: 4 Feb 2020 22:33

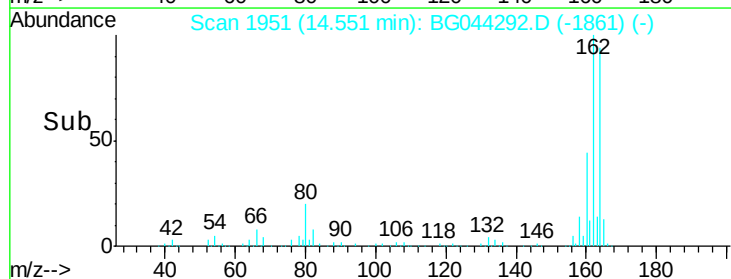
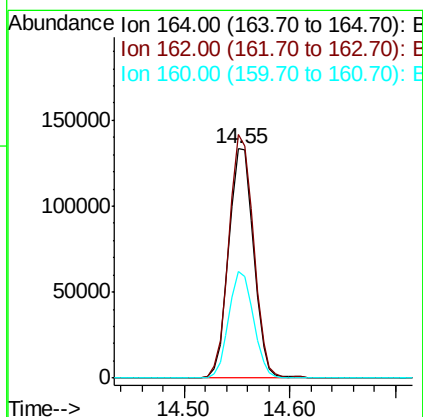
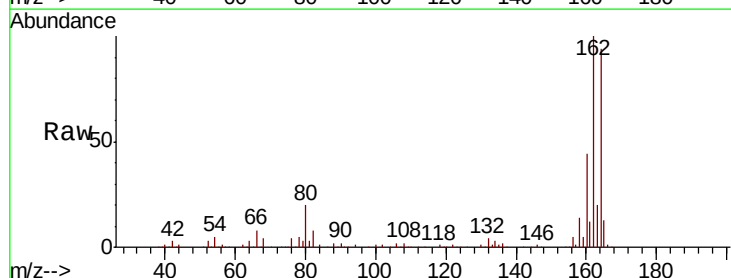
Instrument :
BNA_G
ClientSampleId :
TP-2

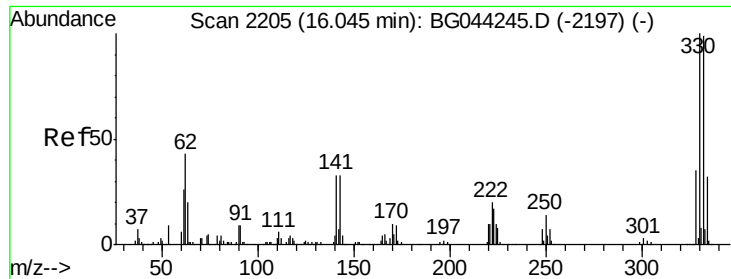
Tot Ion: 82 Resp: 414323
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 47.2 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044292.D
Acq: 4 Feb 2020 22:33

Tgt Ion:164 Resp: 217611
Ion Ratio Lower Upper
164 100
162 106.2 80.7 121.1
160 46.6 35.3 52.9

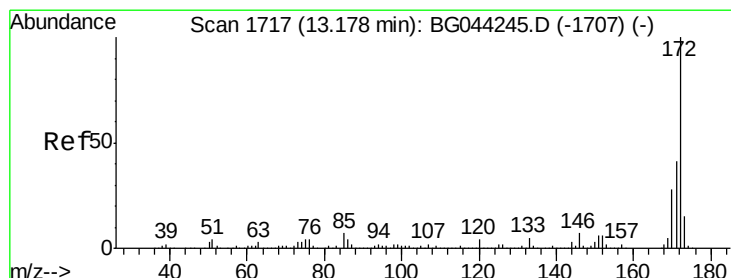
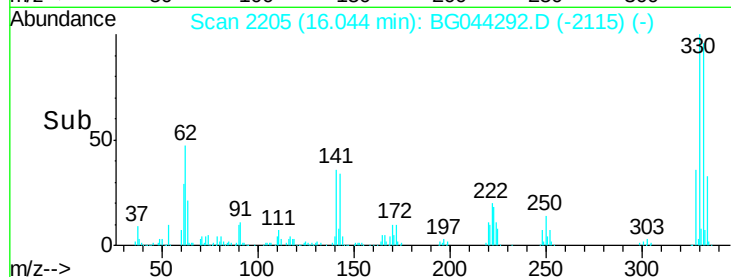
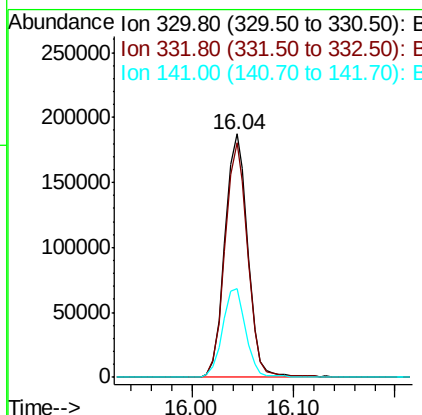
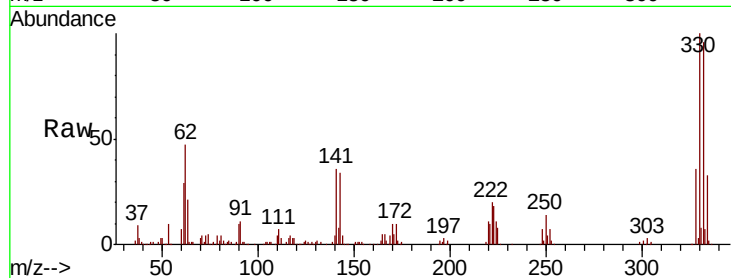




#42
 2,4,6-Tribromophenol
 Concen: 115.423 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044292.D
 Acq: 4 Feb 2020 22:33

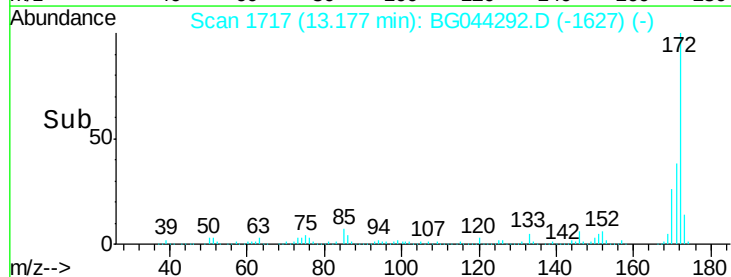
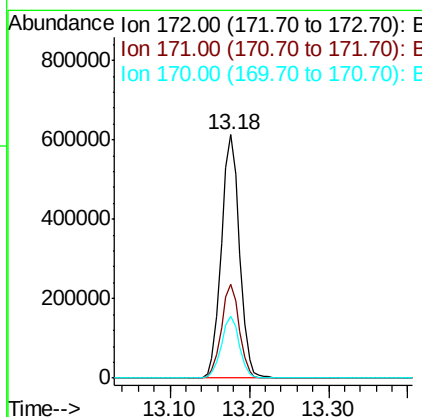
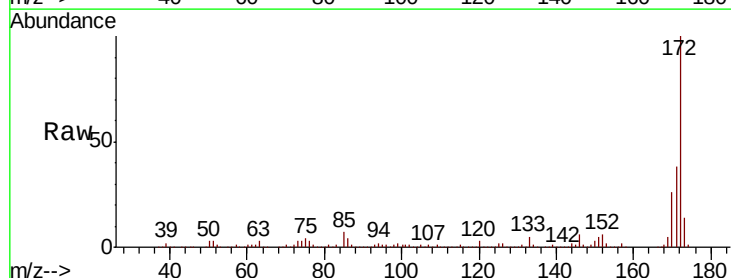
Instrument :
 BNA_G
 ClientSampled :
 TP-2

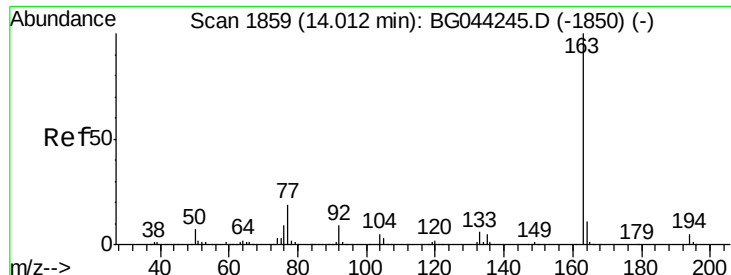
Tot Ion:330 Resp: 294864
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 36.7 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 74.722 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044292.D
 Acq: 4 Feb 2020 22:33

Tgt Ion:172 Resp: 971025
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.9 49.3
 170 25.6 22.0 33.0





#50

Dimethylphthalate

Concen: 2.100 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044292.D

Acq: 4 Feb 2020 22:33

Instrument :

BNA_G

ClientSampled :

TP-2

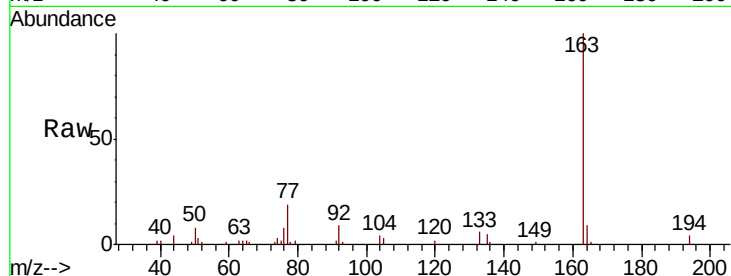
Tot Ion:163 Resp: 32855

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

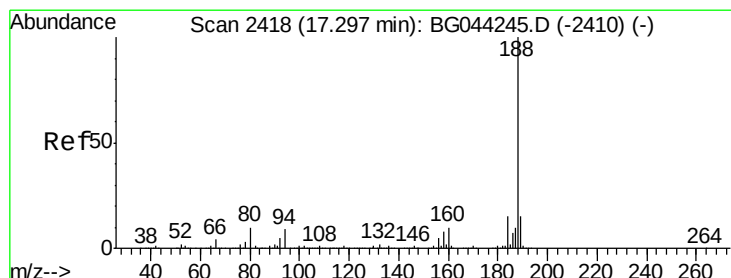
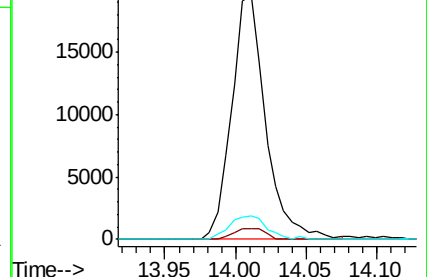
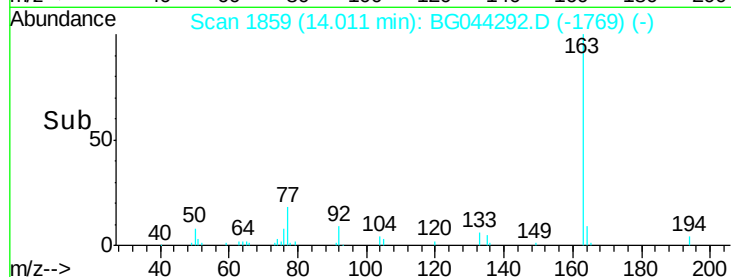
164 9.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044292.D

Acq: 4 Feb 2020 22:33

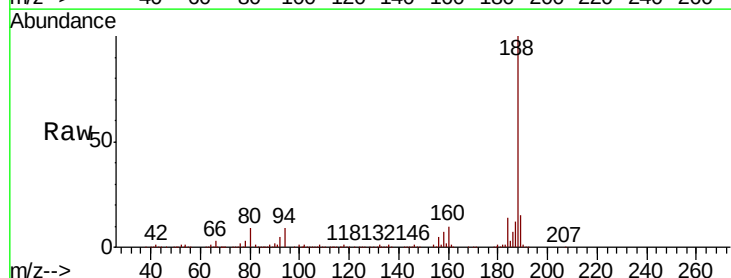
Tgt Ion:188 Resp: 516293

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

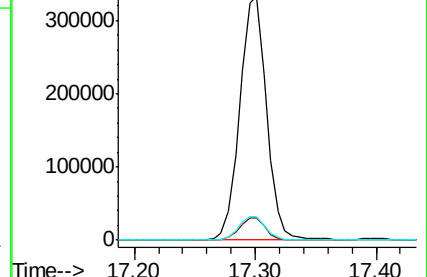
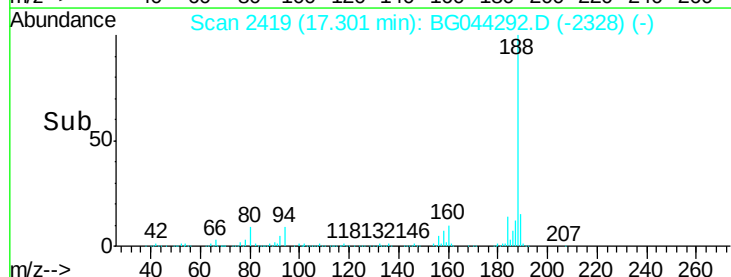
80 9.4 7.7 11.5

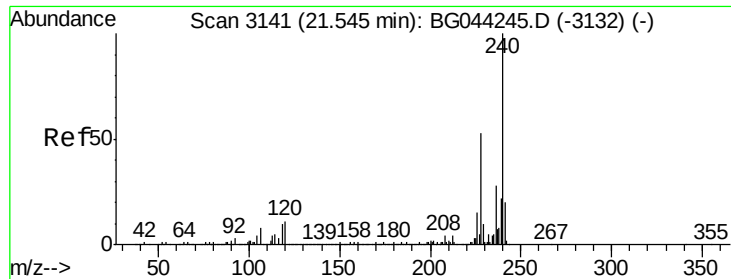


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

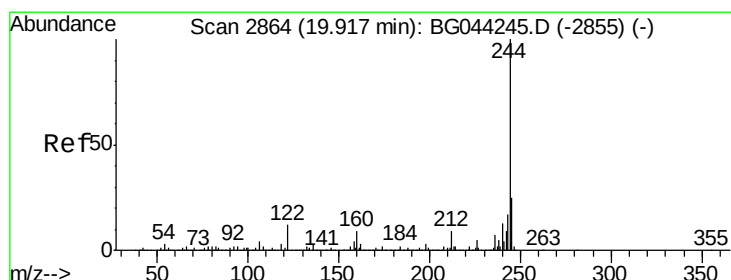
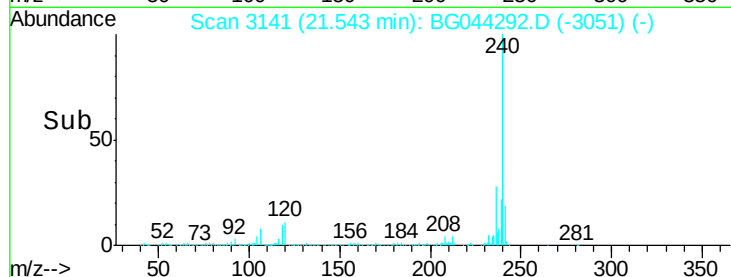
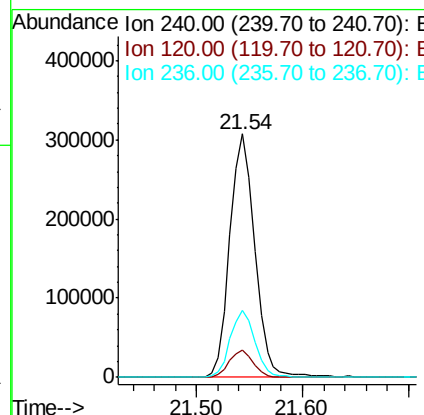
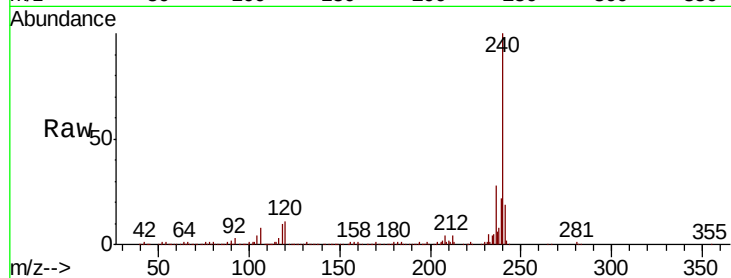




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044292.D
 Acq: 4 Feb 2020 22:33

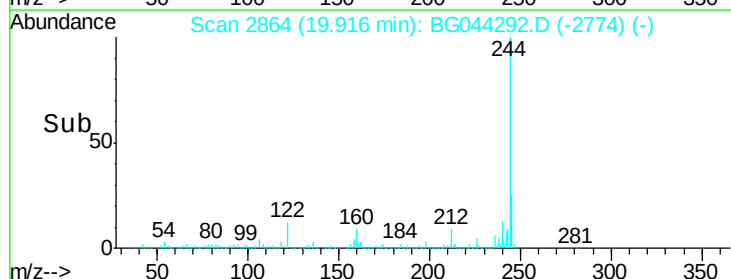
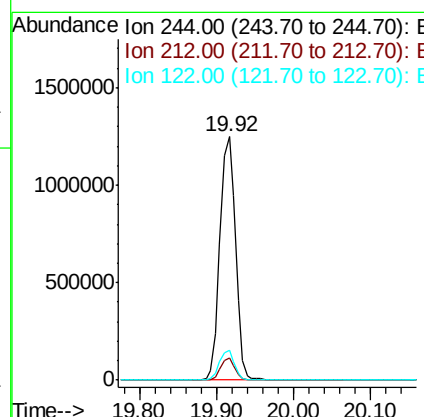
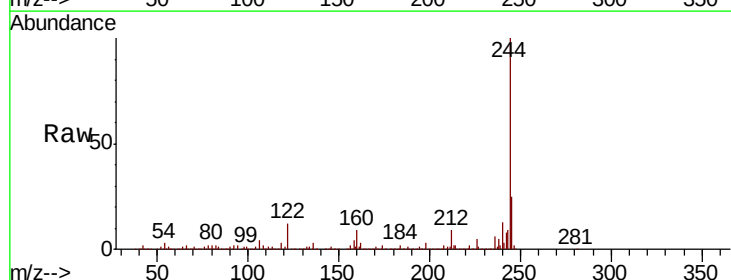
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

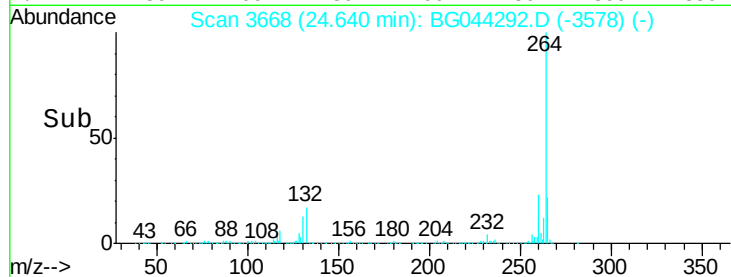
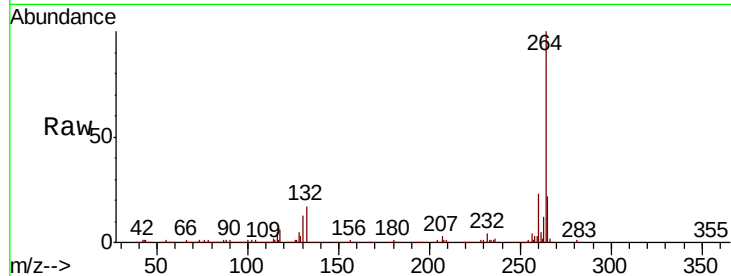
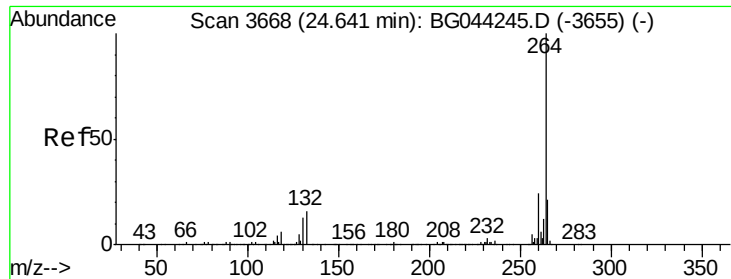
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	27.5	22.1	33.1



#79
 Terphenyl-d14
 Concen: 70.862 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044292.D
 Acq: 4 Feb 2020 22:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	12.1	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044292.D
Acq: 4 Feb 2020 22:33

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.9	16.7	25.1

