

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044294.D
 Acq On : 4 Feb 2020 23:52
 Operator : CG/JU
 Sample : L1360-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Feb 05 05:36:33 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

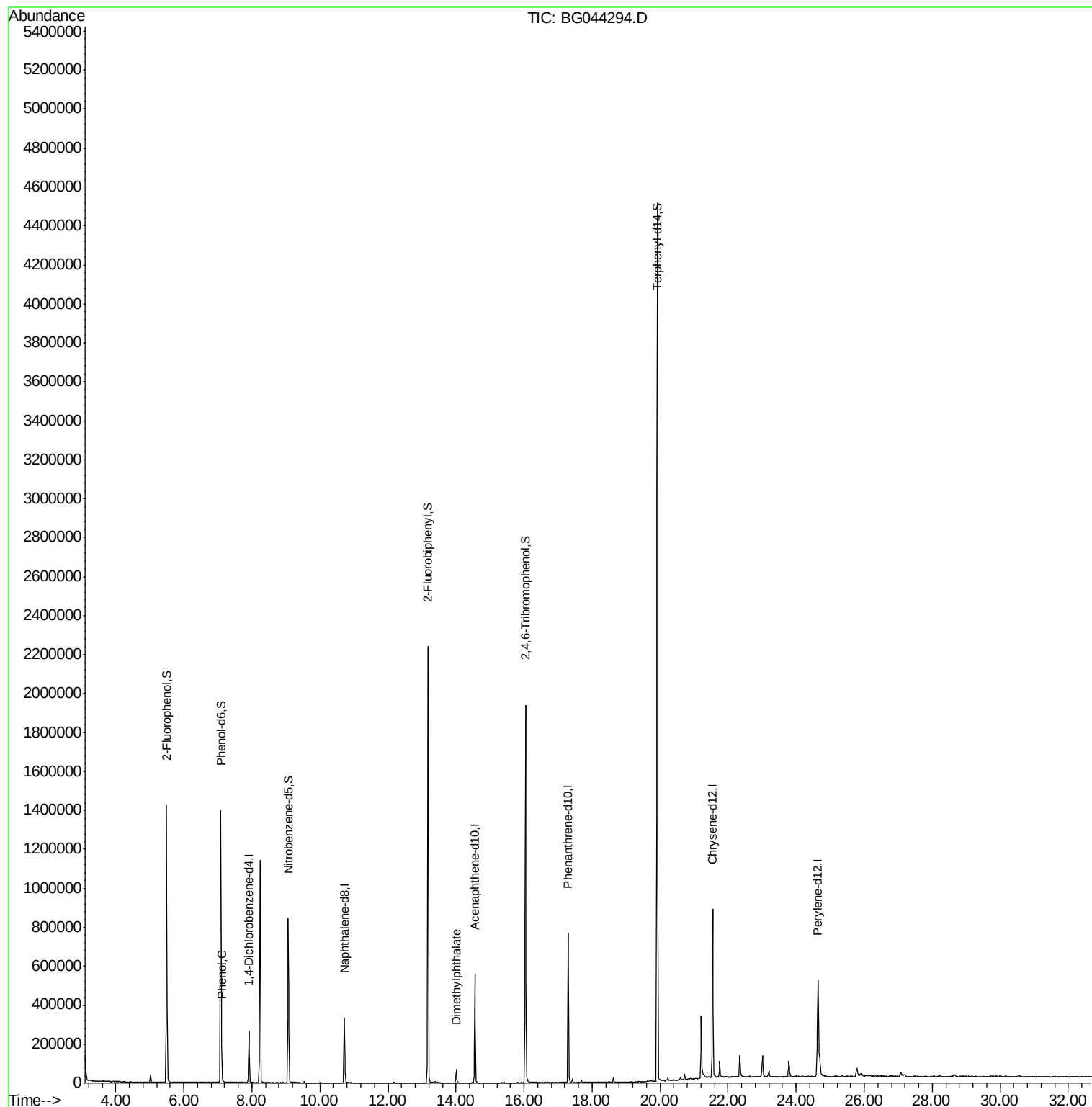
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	76802	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	311912	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	205315	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	494257	20.00	ng	0.00
76) Chrysene-d12	21.55	240	495754	20.00	ng	0.00
87) Perylene-d12	24.64	264	541464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	684195	157.22	ng	0.00
7) Phenol-d6	7.09	99	901605	154.28	ng	0.00
23) Nitrobenzene-d5	9.07	82	541963	98.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	379345	157.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1206720	98.42	ng	0.00
79) Terphenyl-d14	19.92	244	2158211	89.54	ng	0.00
Target Compounds						
10) Phenol	7.12	94	12498	2.161	ng	83
50) Dimethylphthalate	14.01	163	55316	3.748	ng	98

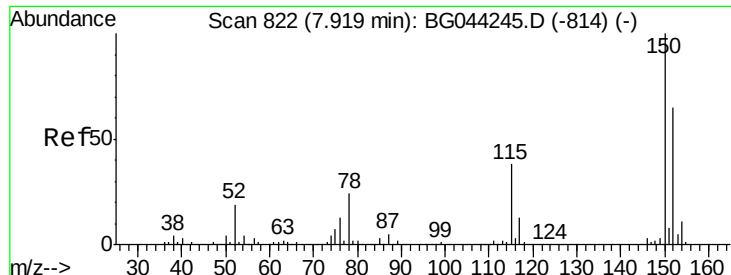
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044294.D
Acq On : 4 Feb 2020 23:52
Operator : CG/JU
Sample : L1360-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Feb 05 05:36:33 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



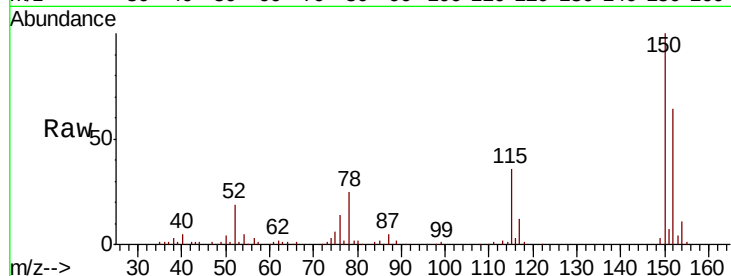


#1

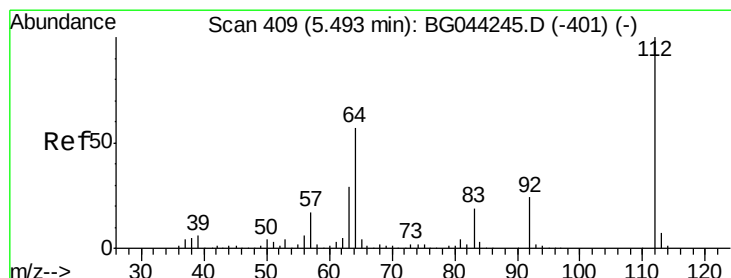
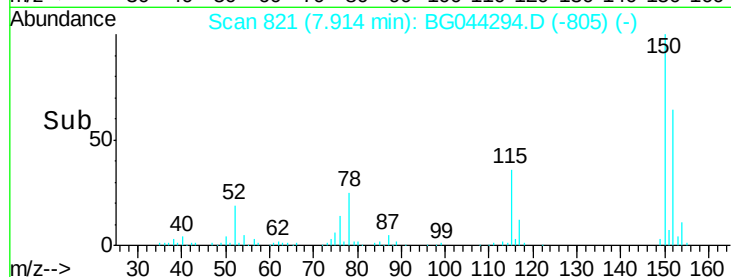
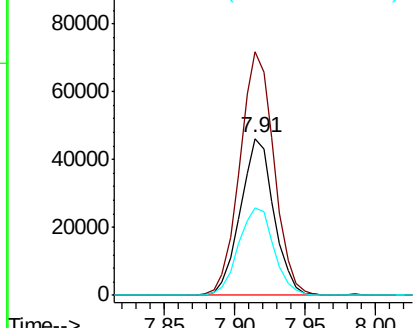
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044294.D
Acq: 4 Feb 2020 23:52

Instrument :
BNA_G
ClientSampled :
TP-4

Tot Ion:152 Resp: 76802
Ion Ratio Lower Upper
152 100
150 155.3 122.6 183.8
115 55.6 46.0 69.0



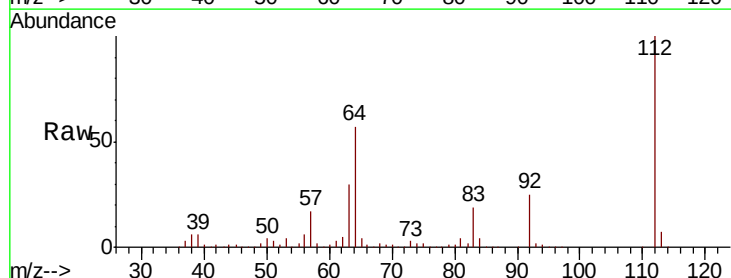
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



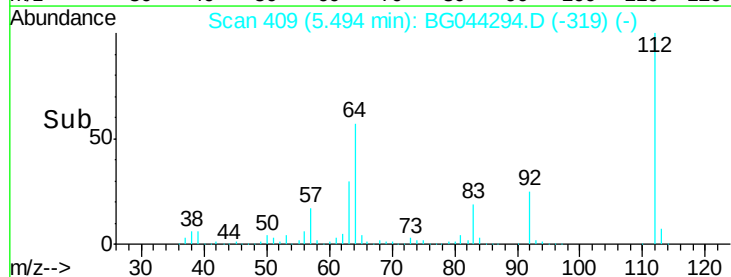
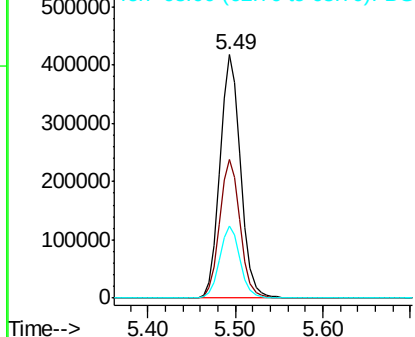
#5

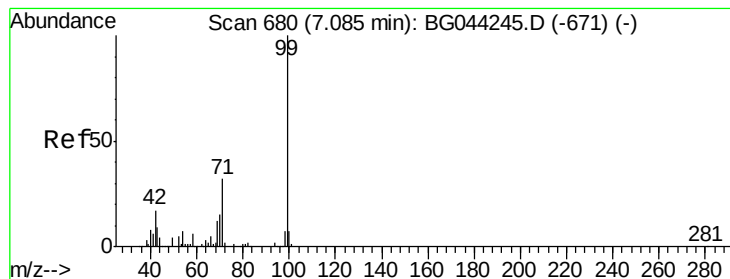
2-Fluorophenol
Concen: 157.222 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044294.D
Acq: 4 Feb 2020 23:52

Tgt Ion:112 Resp: 684195
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.2
63 29.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 154.284 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

Instrument :

BNA_G

ClientSampleId :

TP-4

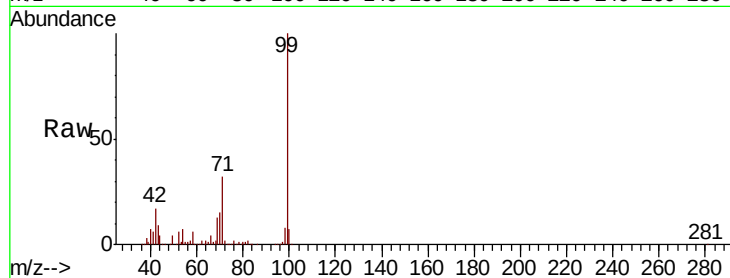
Tot Ion: 99 Resp: 901605

Ion Ratio Lower Upper

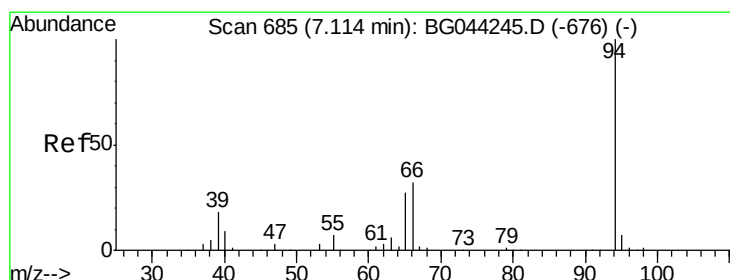
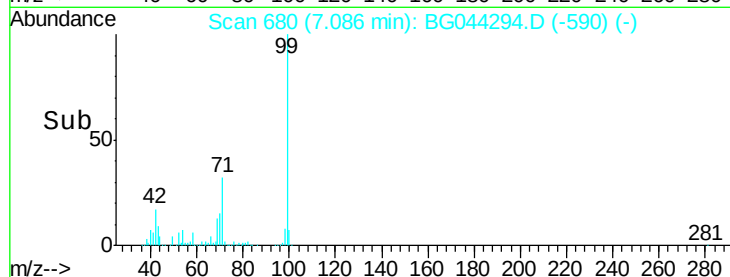
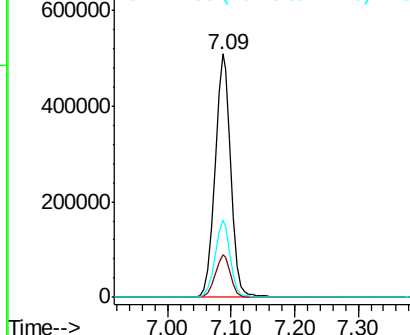
99 100

42 17.4 13.8 20.6

71 31.8 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



#10

Phenol

Concen: 2.161 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

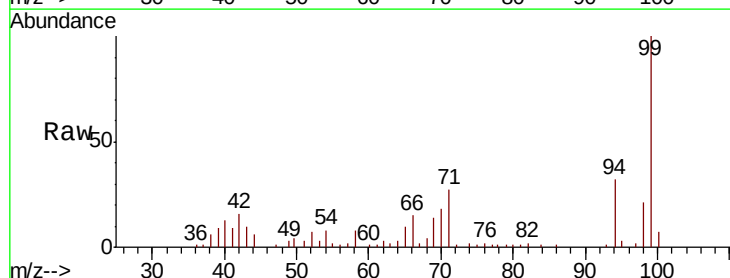
Tgt Ion: 94 Resp: 12498

Ion Ratio Lower Upper

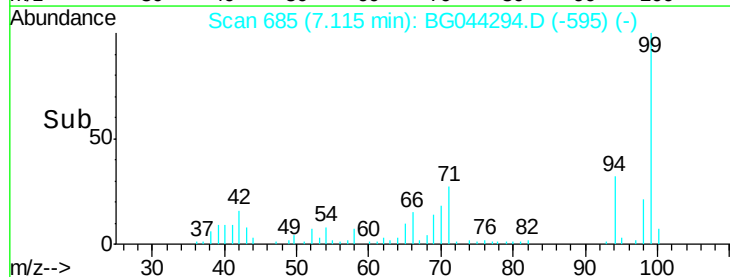
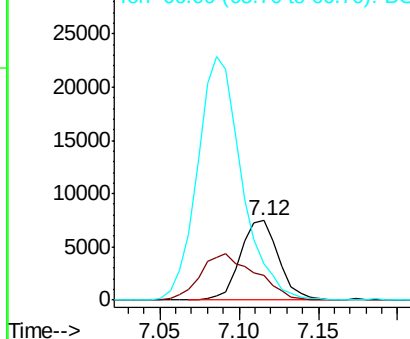
94 100

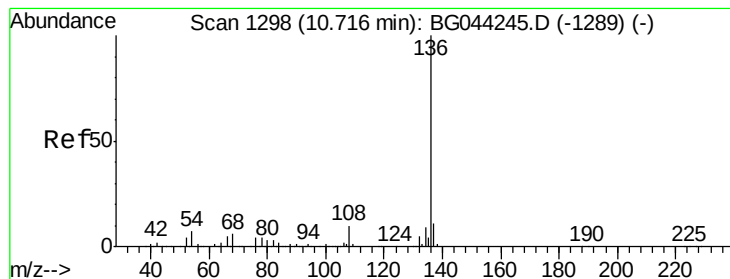
65 30.8 7.0 47.0

66 46.3 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

Instrument :

BNA_G

ClientSampleId :

TP-4

Tot Ion:136 Resp: 311912

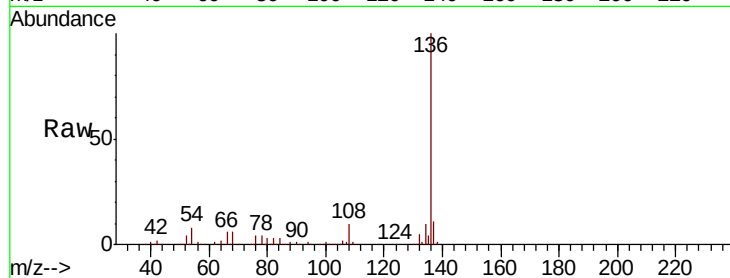
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.6 5.8 8.8

68 5.5 4.6 6.8

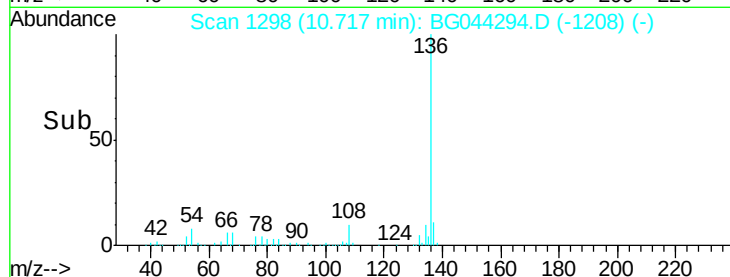


Abundance Ion 136.00 (135.70 to 136.70): E

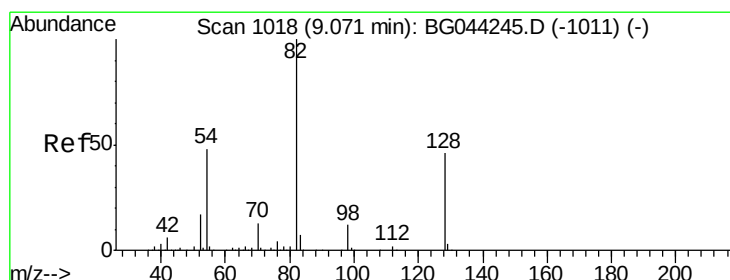
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 98.096 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

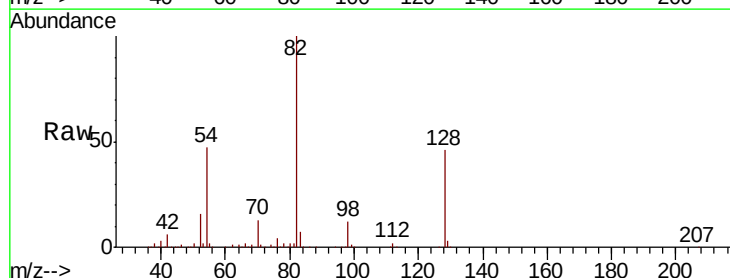
Tgt Ion: 82 Resp: 541963

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

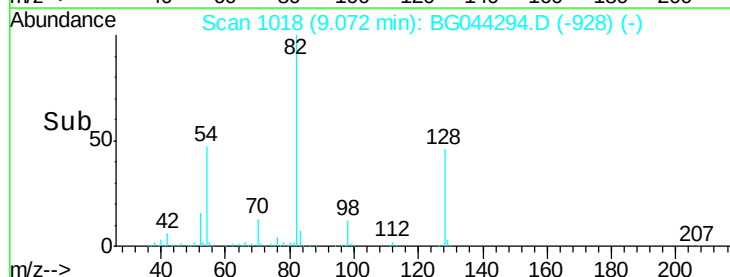
54 47.4 38.6 58.0



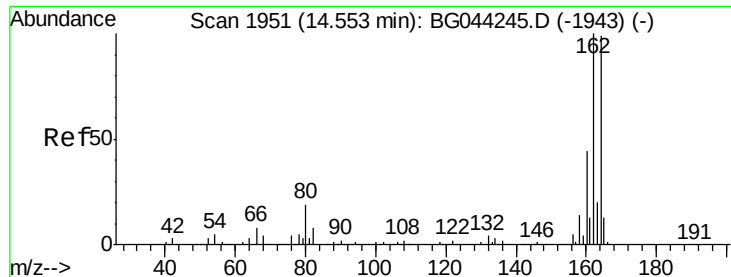
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



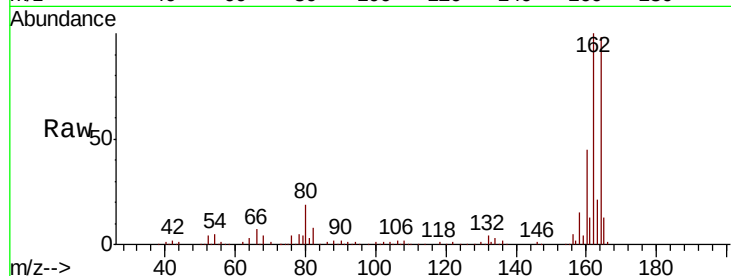
Time-->



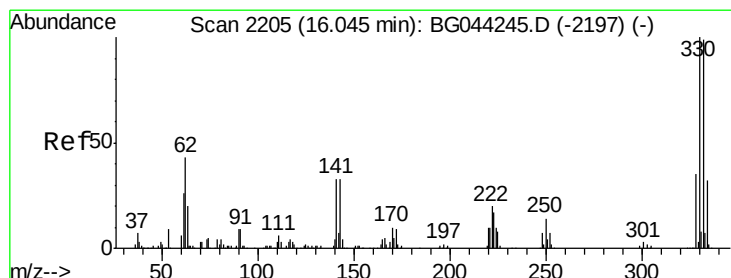
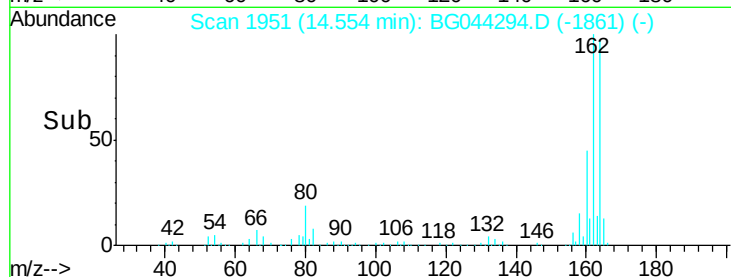
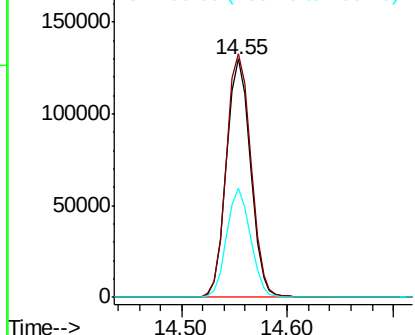
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044294.D
Acq: 4 Feb 2020 23:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	46.0	35.3	52.9

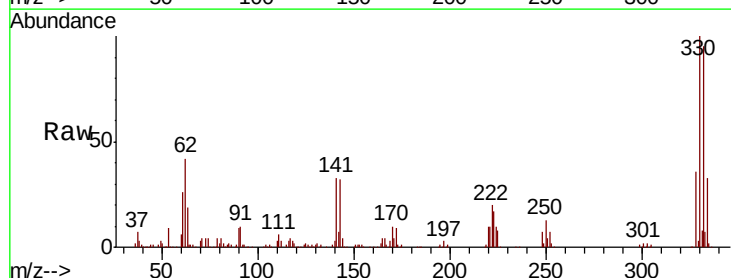


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

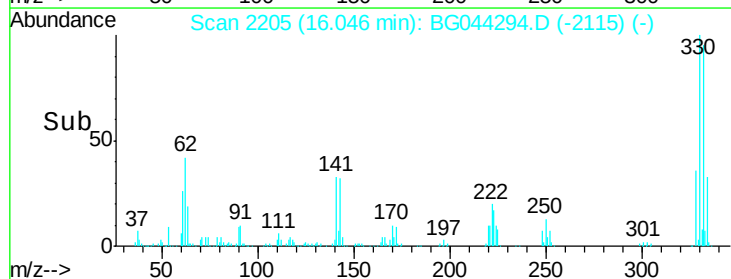
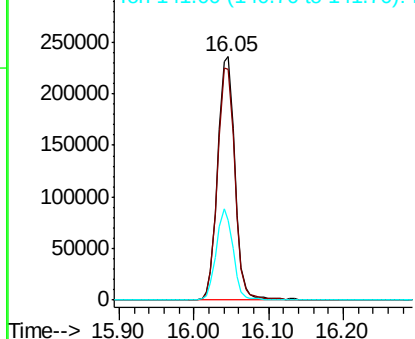


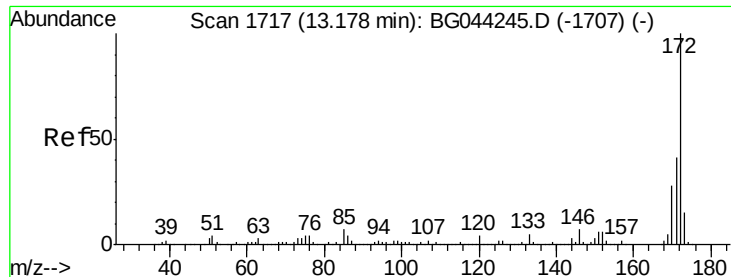
#42
2,4,6-Tribromophenol
Concen: 157.386 ng
RT: 16.05 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG044294.D
Acq: 4 Feb 2020 23:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	36.7	28.3	42.5



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



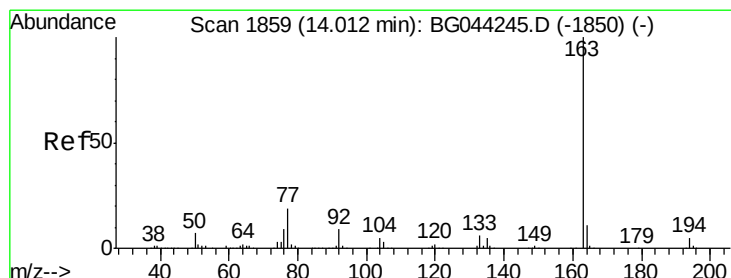
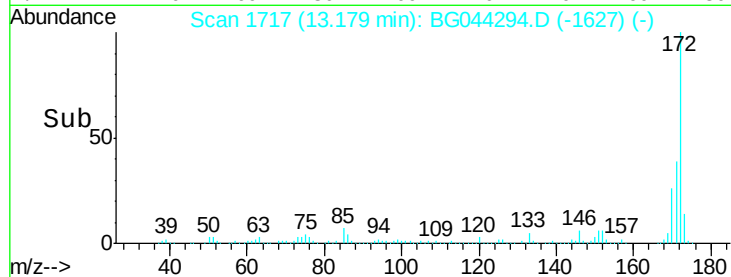
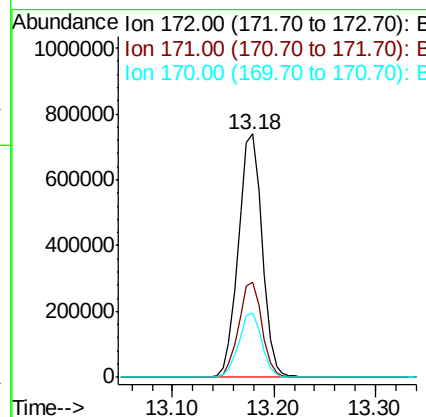
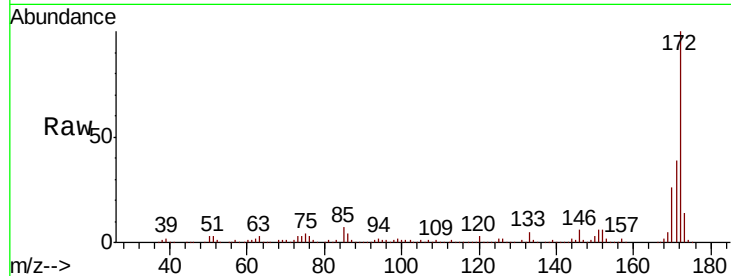


#45
 2-Fluorobiphenyl
 Concen: 98.420 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044294.D
 Acq: 4 Feb 2020 23:52

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tot Ion:172 Resp: 1206720

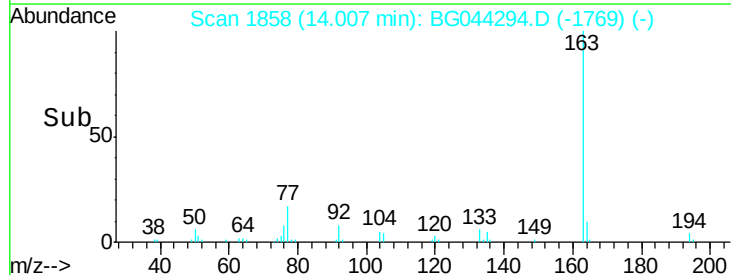
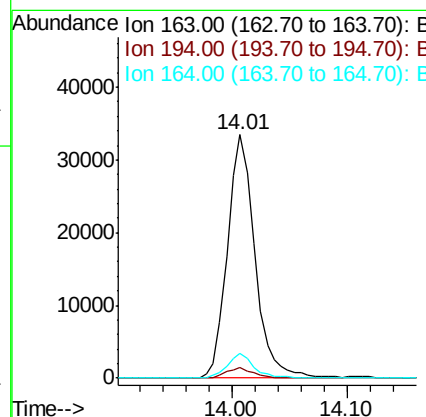
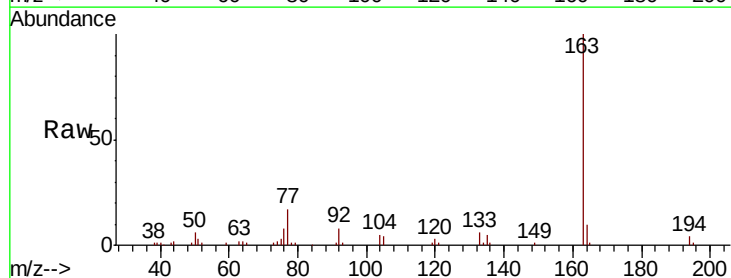
Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.4	22.0	33.0

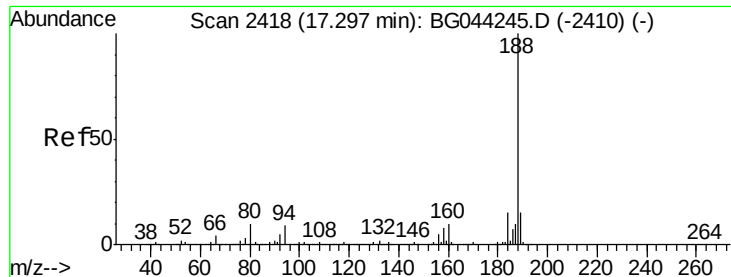


#50
 Dimethylphthalate
 Concen: 3.748 ng
 RT: 14.01 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044294.D
 Acq: 4 Feb 2020 23:52

Tgt Ion:163 Resp: 55316

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

Instrument :

BNA_G

ClientSampleId :

TP-4

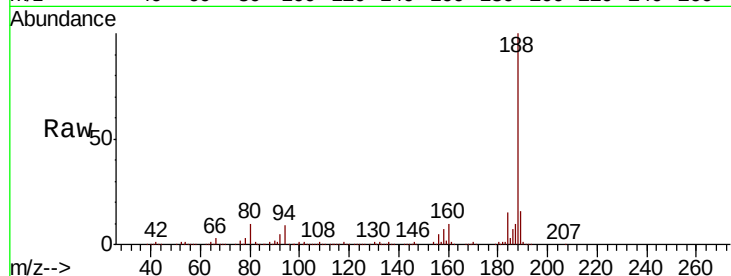
Tot Ion:188 Resp: 494257

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.7 7.7 11.5



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

400000

300000

200000

100000

0

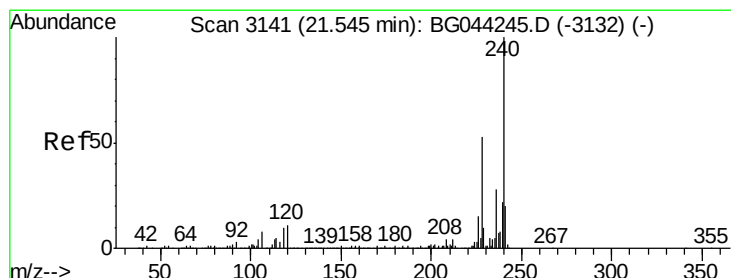
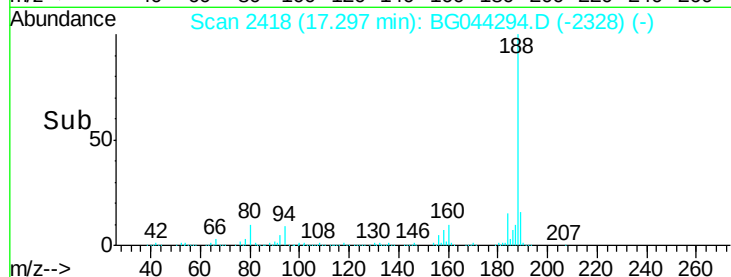
17.30

17.20

17.30

17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

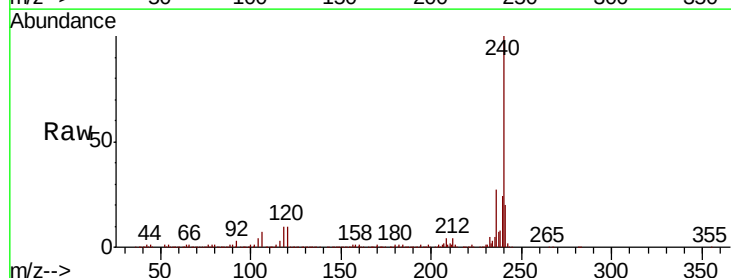
Tgt Ion:240 Resp: 495754

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 26.8 22.1 33.1



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

400000

300000

200000

100000

0

21.55

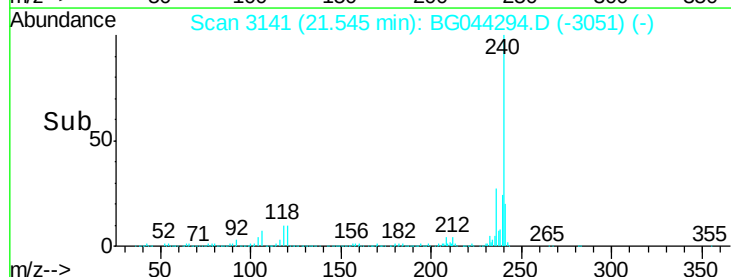
21.40

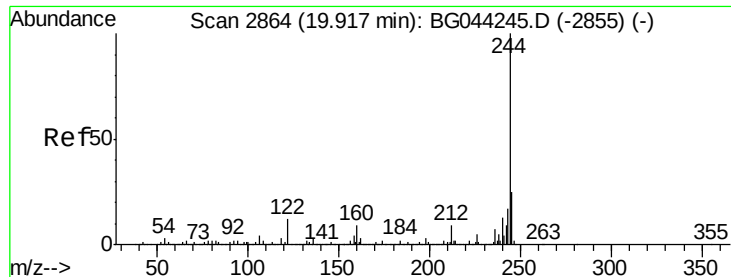
21.50

21.60

21.70

Time-->





#79

Terphenyl-d14

Concen: 89.544 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

Instrument :

BNA_G

ClientSampleId :

TP-4

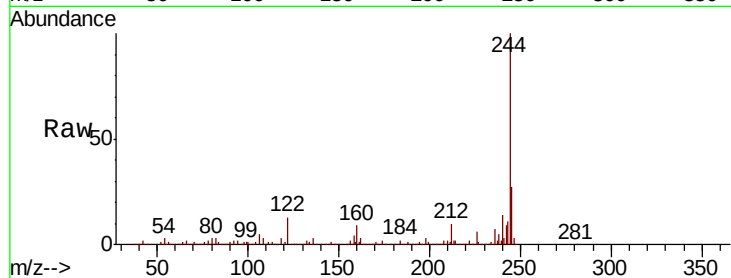
Tot Ion:244 Resp: 2158211

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.2

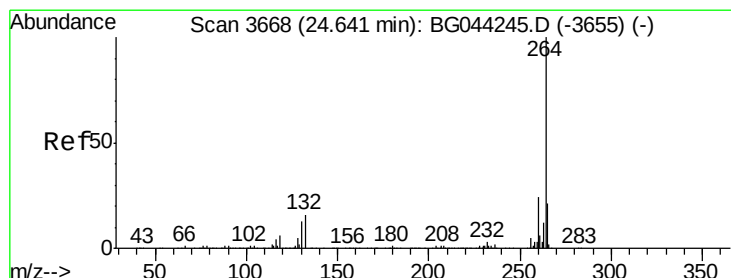
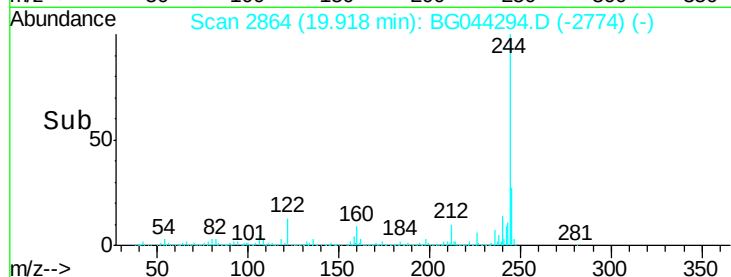
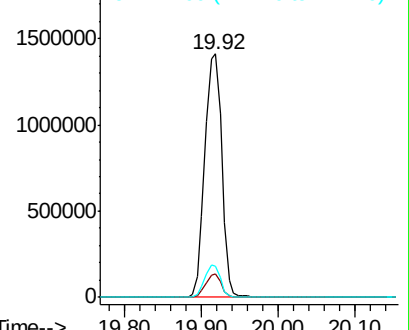
122 13.0 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044294.D

Acq: 4 Feb 2020 23:52

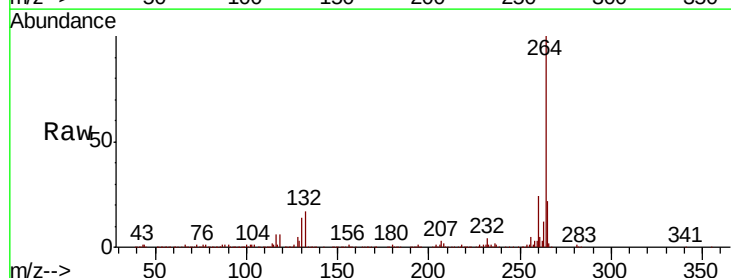
Tgt Ion:264 Resp: 541464

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.2 16.7 25.1



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

