

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044375.D
 Acq On : 11 Feb 2020 5:10
 Operator : CG/JU
 Sample : L1472-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 11 07:04:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

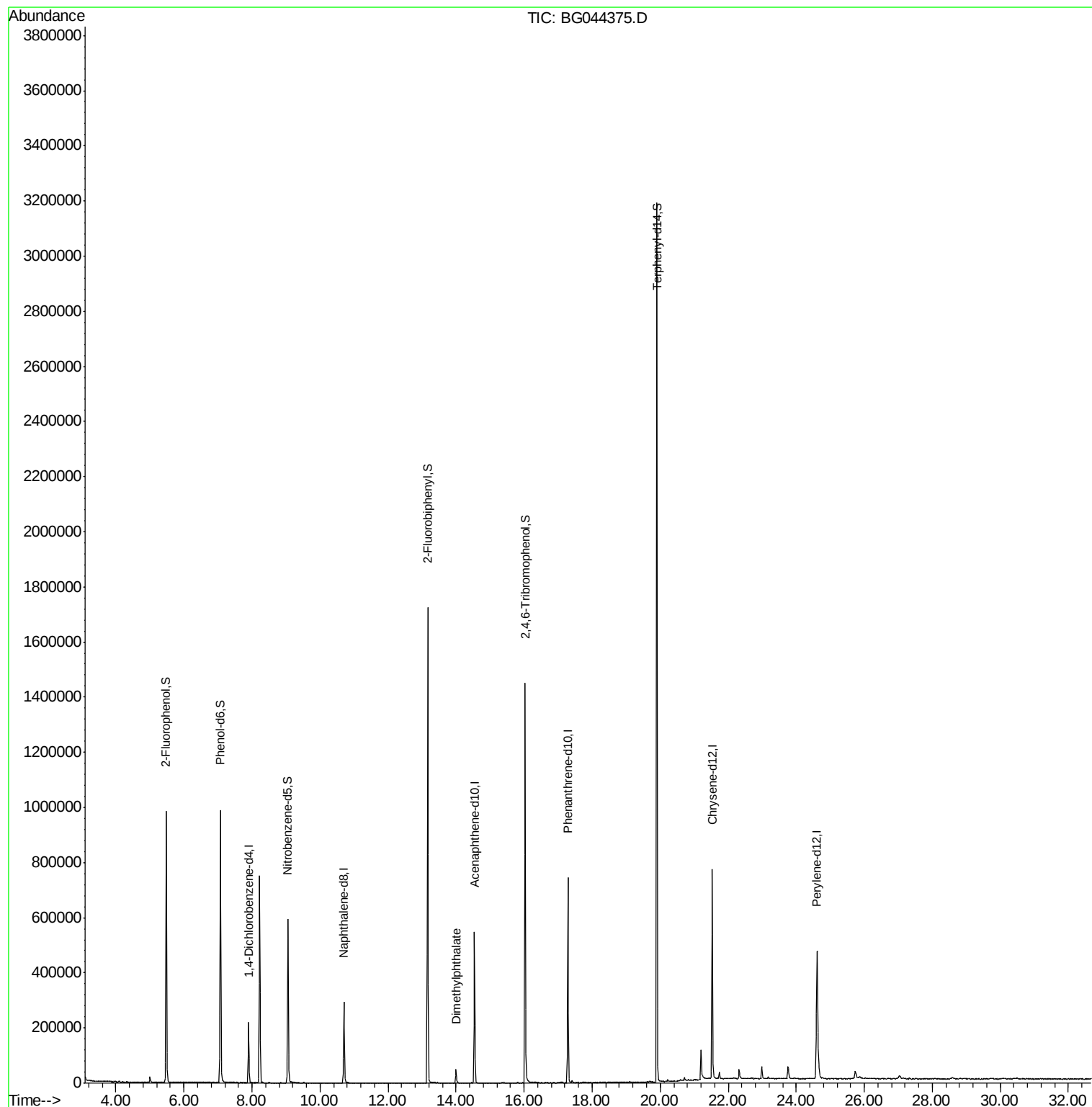
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	66587	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	289646	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	202876	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	488930	20.00	ng	0.00
76) Chrysene-d12	21.53	240	462569	20.00	ng	0.00
87) Perylene-d12	24.61	264	476618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	482363	127.85	ng	0.00
7) Phenol-d6	7.07	99	649088	128.11	ng	0.00
23) Nitrobenzene-d5	9.06	82	390422	76.10	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	287717	120.81	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	943181	77.85	ng	0.00
79) Terphenyl-d14	19.90	244	1538394	68.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	43740	2.999	ng	Qvalue 98

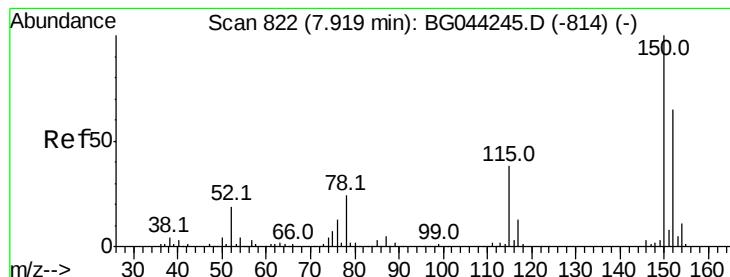
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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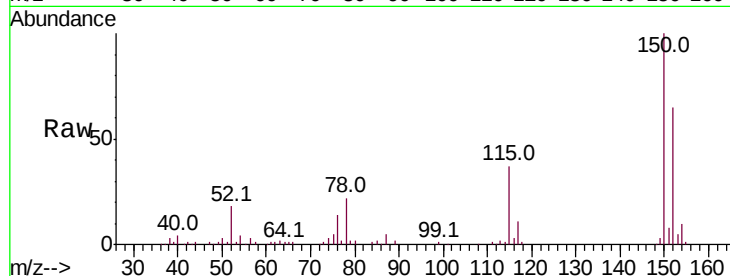


#1

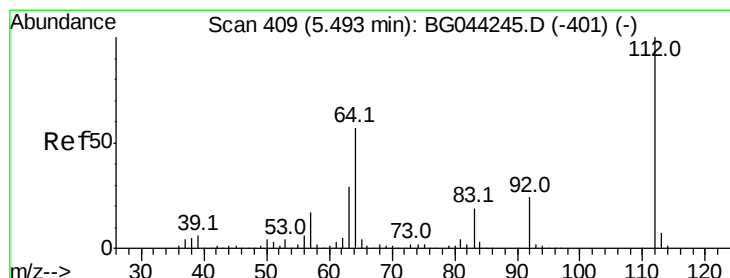
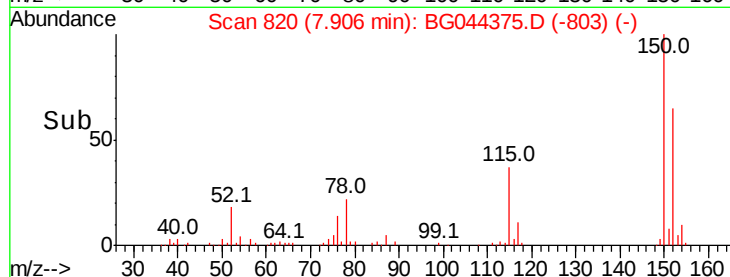
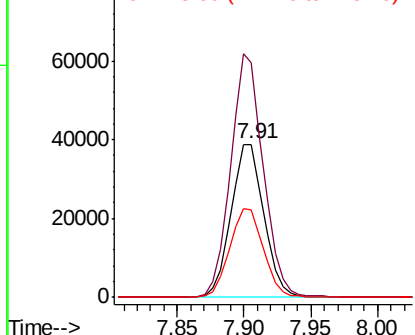
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:152 Resp: 66587
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 57.2 46.0 69.0



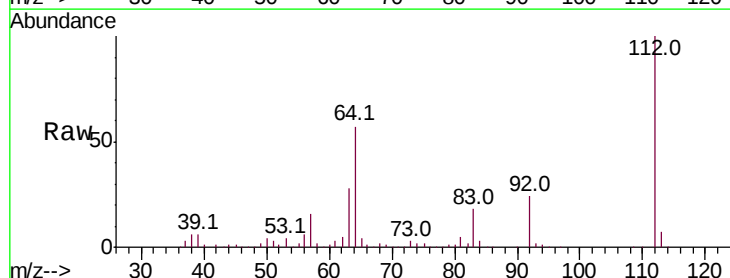
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



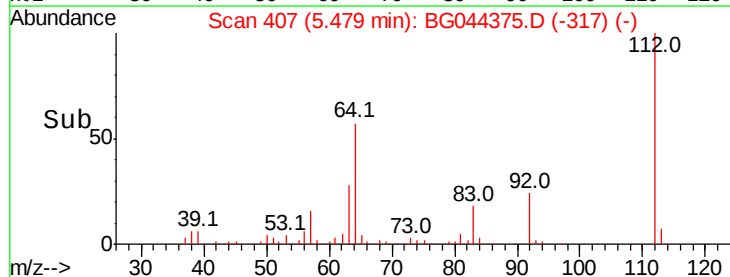
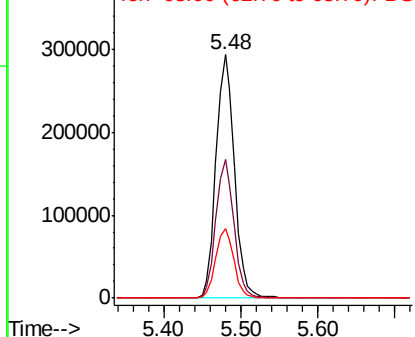
#5

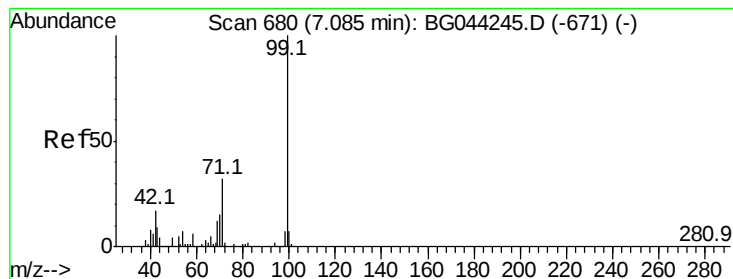
2-Fluorophenol
Concen: 127.847 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Tgt Ion:112 Resp: 482363
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 28.4 22.9 34.3



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: 128.113 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampleId :

TP-3

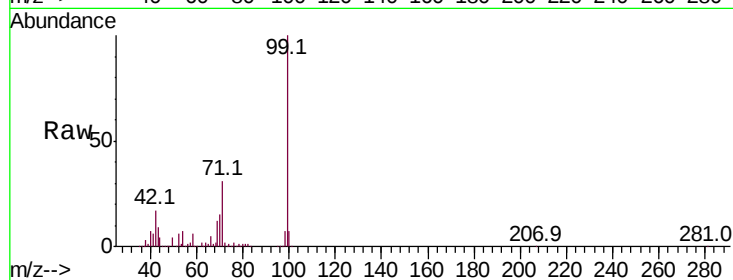
Tot Ion: 99 Resp: 649088

Ion Ratio Lower Upper

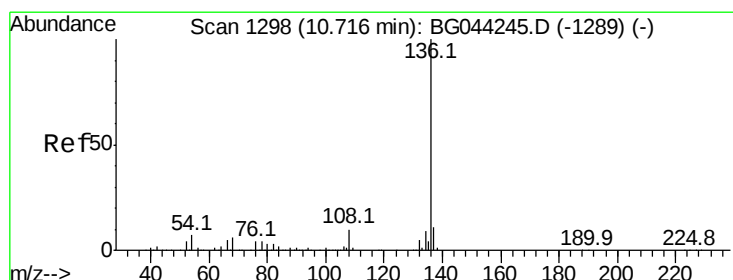
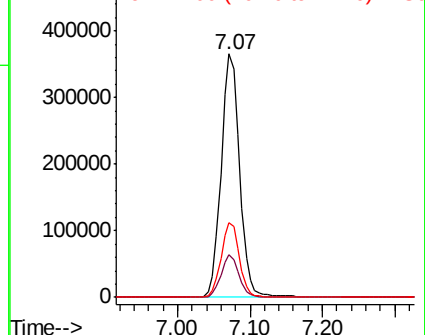
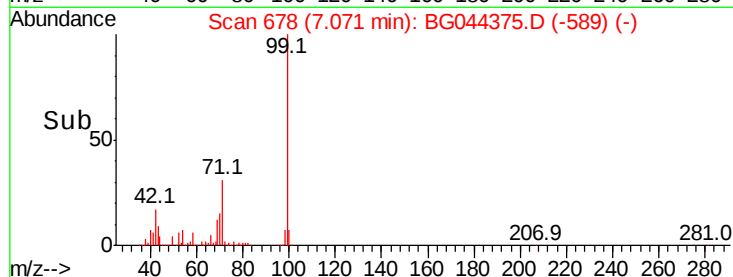
99 100

42 17.4 13.8 20.6

71 30.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Tgt Ion: 136 Resp: 289646

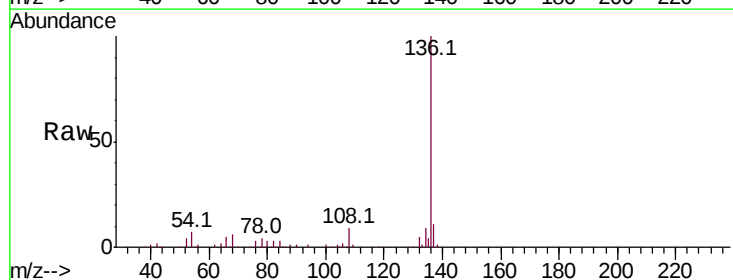
Ion Ratio Lower Upper

136 100

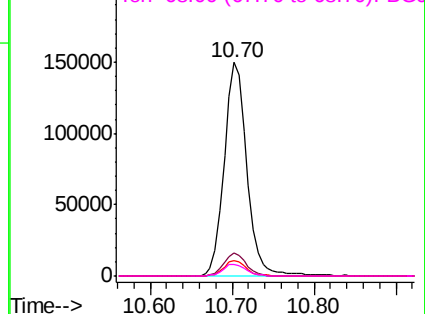
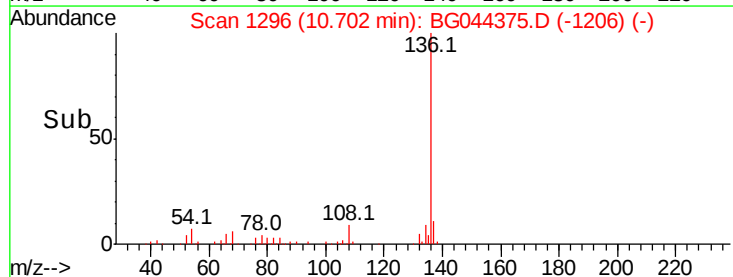
137 10.8 8.8 13.2

54 7.0 5.8 8.8

68 5.5 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

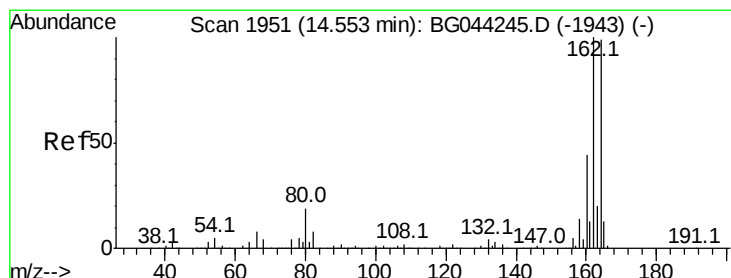
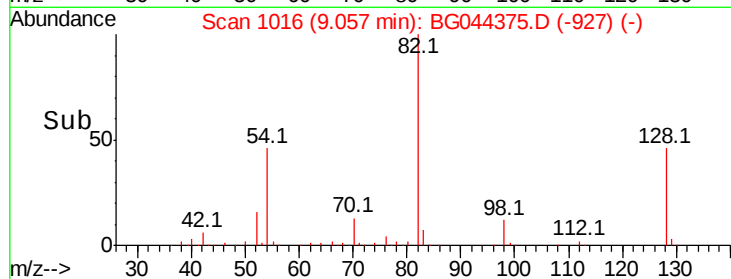
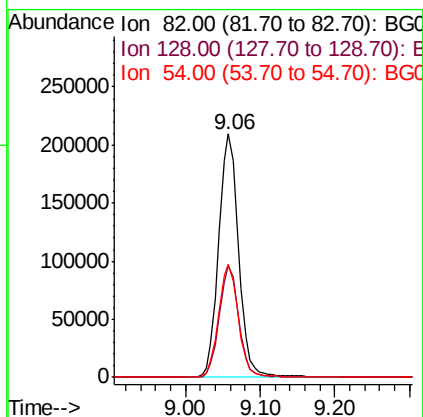
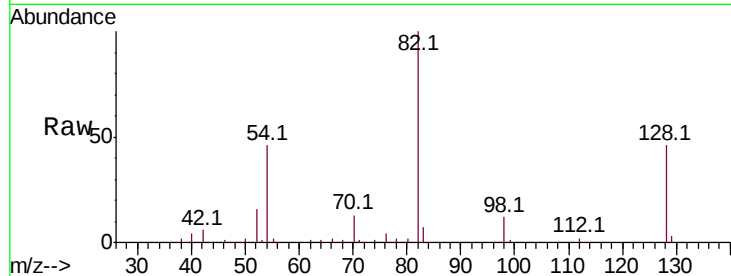




#23
 Nitrobenzene-d5
 Concen: 76.099 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

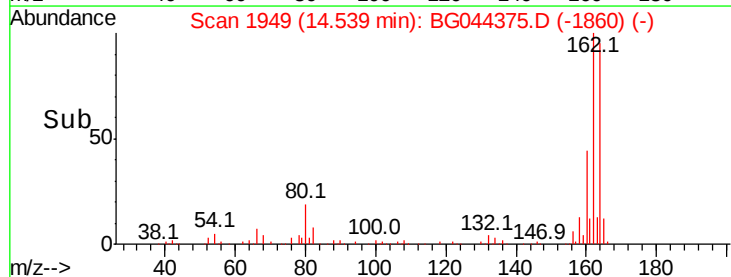
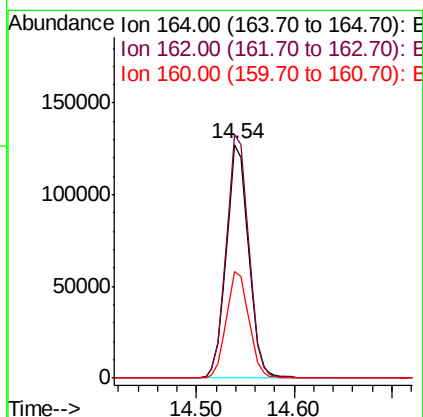
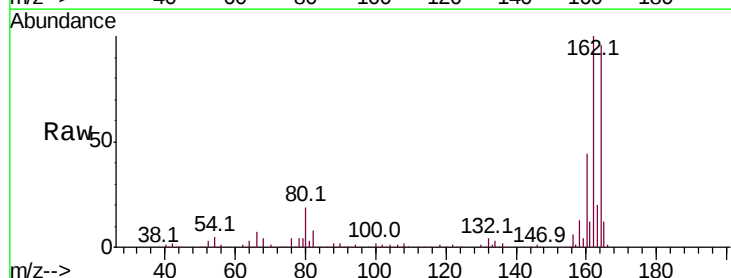
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

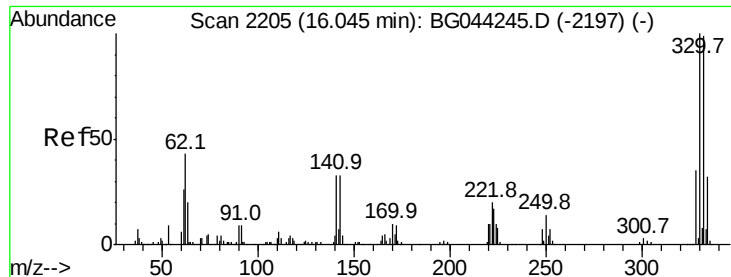
Tot Ion: 82 Resp: 390422
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 46.5 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

Tgt Ion:164 Resp: 202876
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.7 121.1
 160 45.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 120.806 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampled :

TP-3

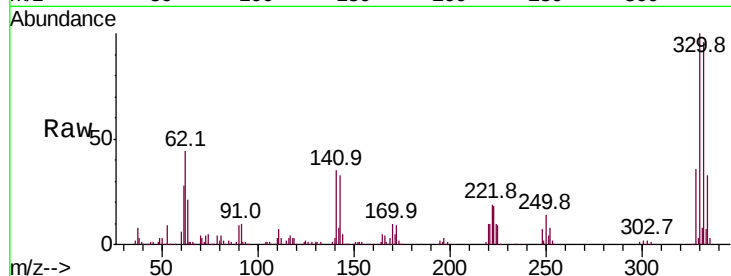
Tot Ion:330 Resp: 287717

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

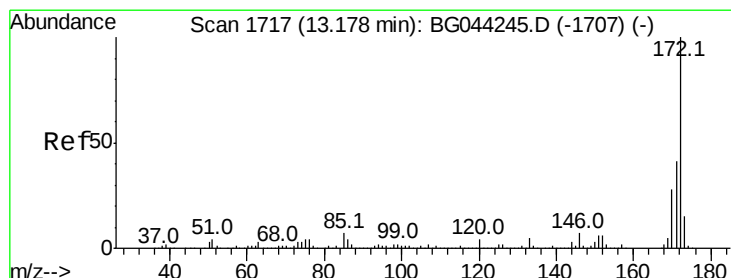
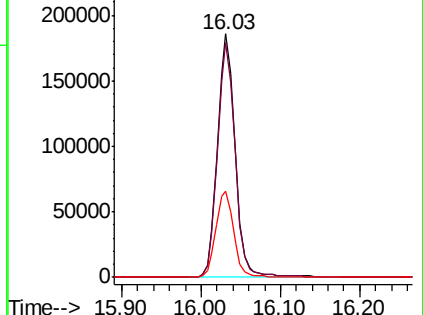
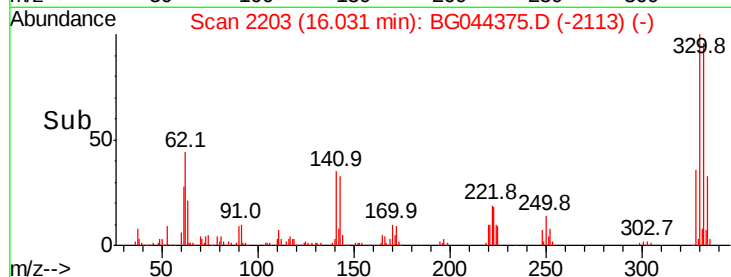
141 35.8 28.3 42.5



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: 77.851 ng

RT: 13.16 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

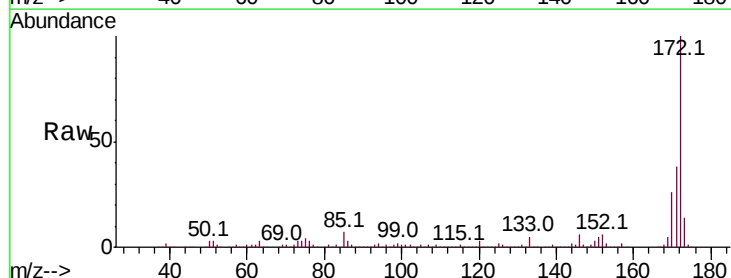
Tgt Ion:172 Resp: 943181

Ion Ratio Lower Upper

172 100

171 37.8 32.9 49.3

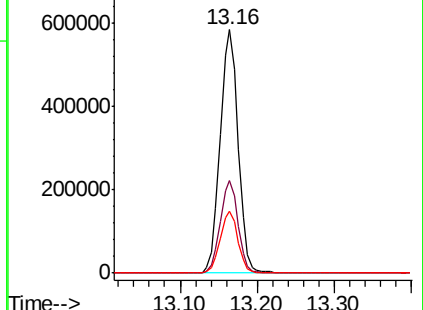
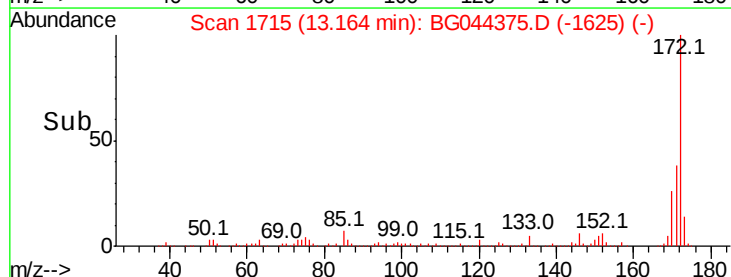
170 25.6 22.0 33.0

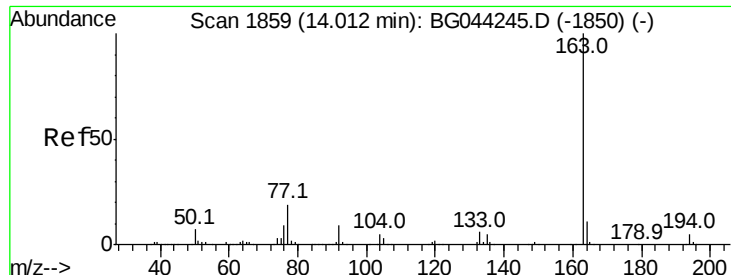


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.999 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampleId :

TP-3

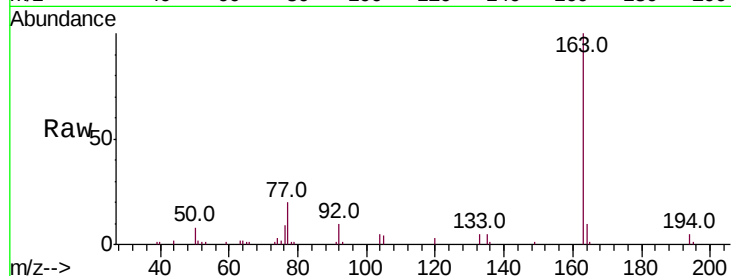
Tot Ion:163 Resp: 43740

Ion Ratio Lower Upper

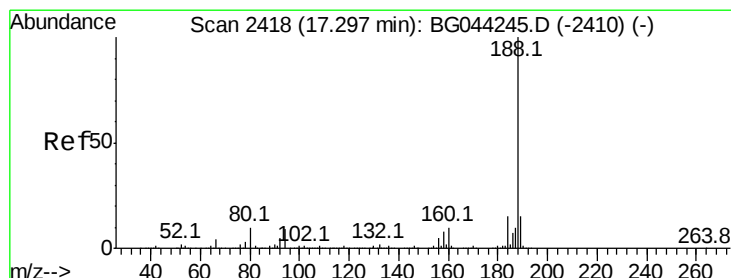
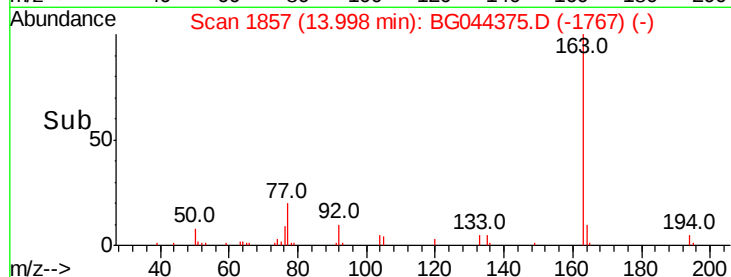
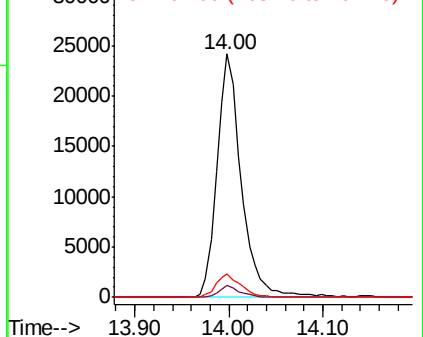
163 100

194 4.7 3.6 5.4

164 9.7 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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

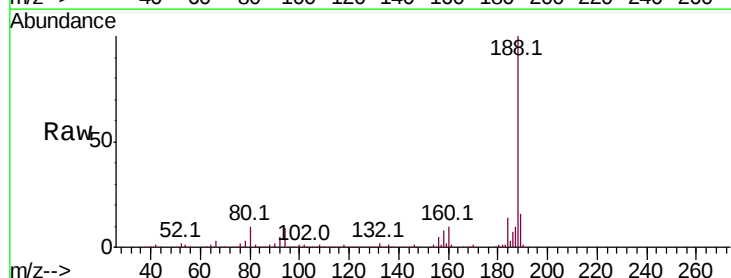
Tgt Ion:188 Resp: 488930

Ion Ratio Lower Upper

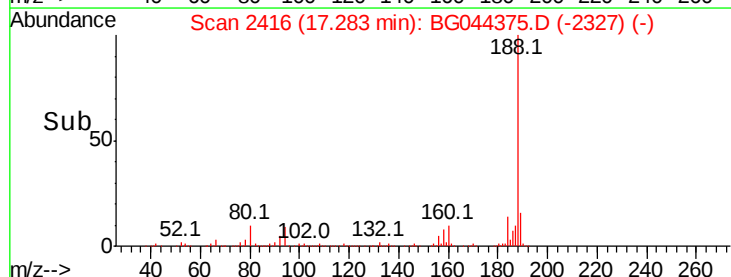
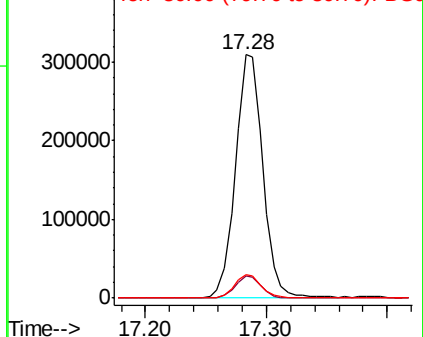
188 100

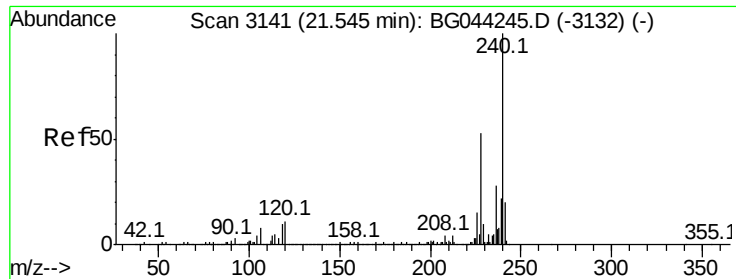
94 9.2 7.4 11.2

80 9.9 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

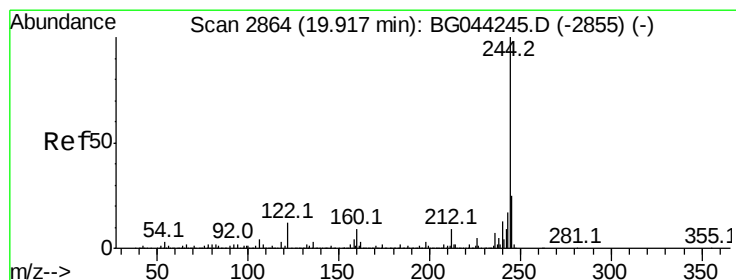
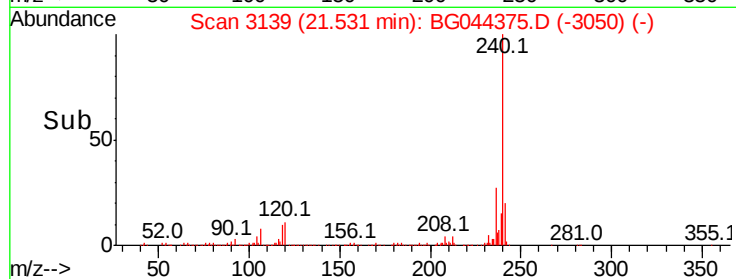
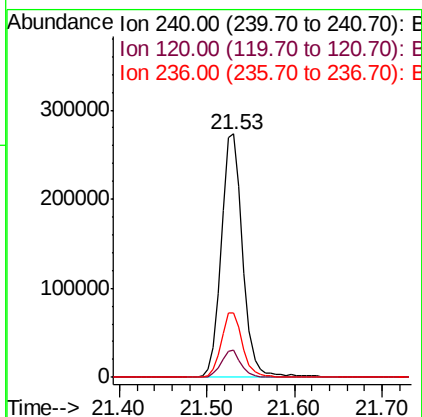
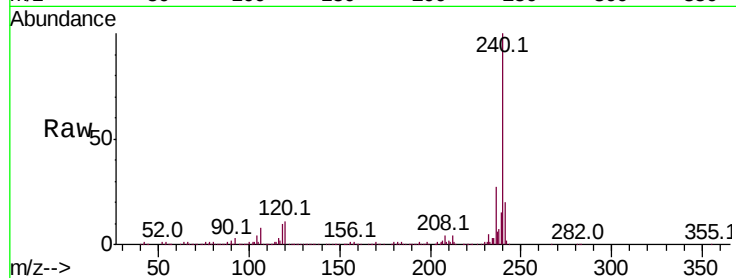




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

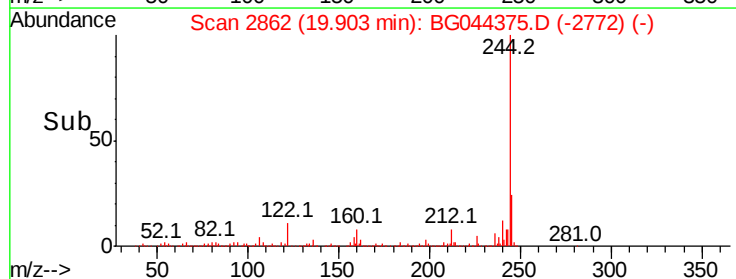
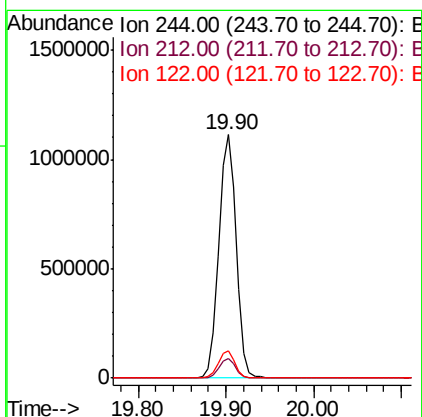
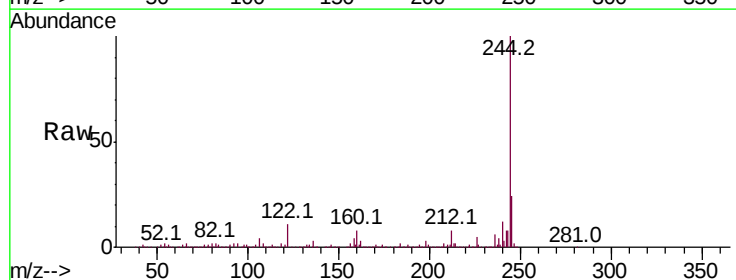
Instrument :
 BNA_G
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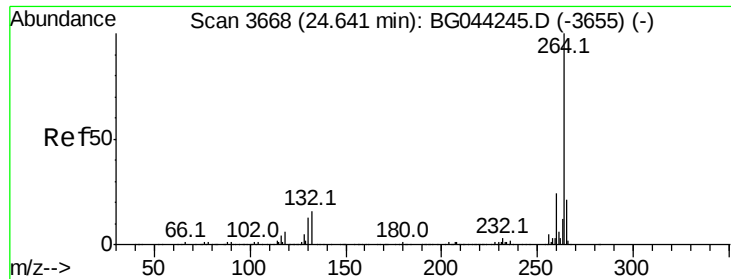
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	26.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 68.407 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	11.3	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:	264	Resp:	476618
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	16.7	25.1

