

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044374.D
 Acq On : 11 Feb 2020 4:31
 Operator : CG/JU
 Sample : L1472-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Feb 11 07:02:12 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

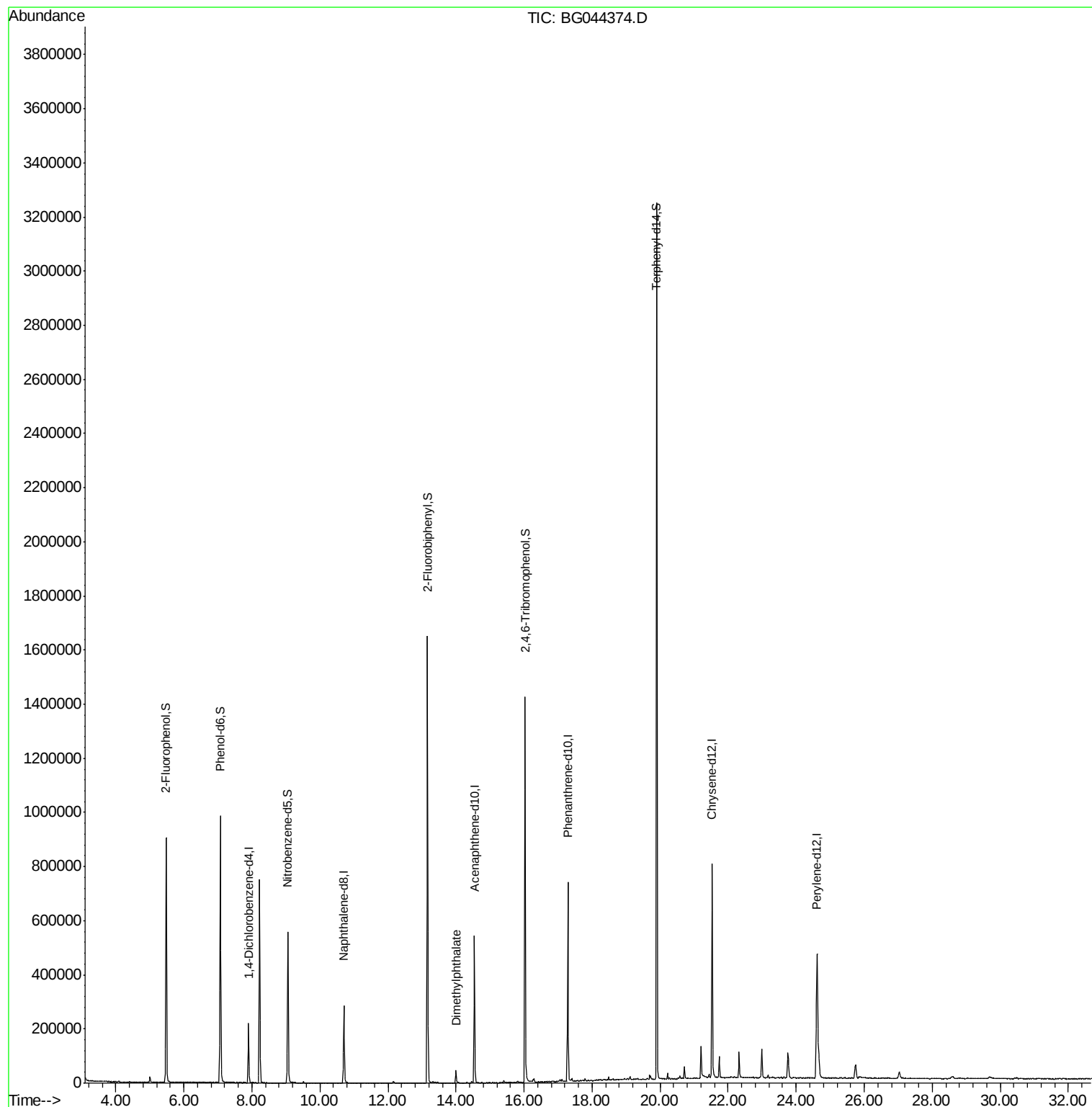
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	65286	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	282417	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195508	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	483437	20.00	ng	0.00
76) Chrysene-d12	21.53	240	472291	20.00	ng	0.00
87) Perylene-d12	24.62	264	488687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	464347	125.52	ng	0.00
7) Phenol-d6	7.07	99	626591	126.14	ng	0.00
23) Nitrobenzene-d5	9.06	82	367984	73.56	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	282409	123.05	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	920760	78.86	ng	0.00
79) Terphenyl-d14	19.90	244	1557688	67.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	41376	2.944	ng	Qvalue 96

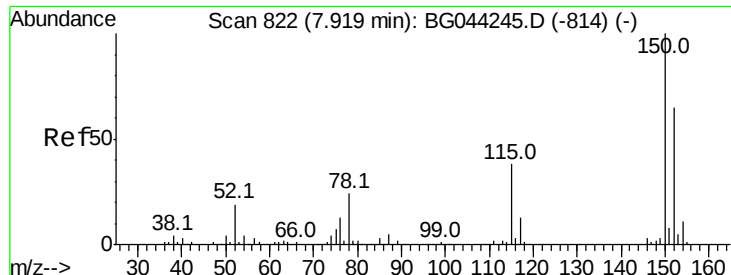
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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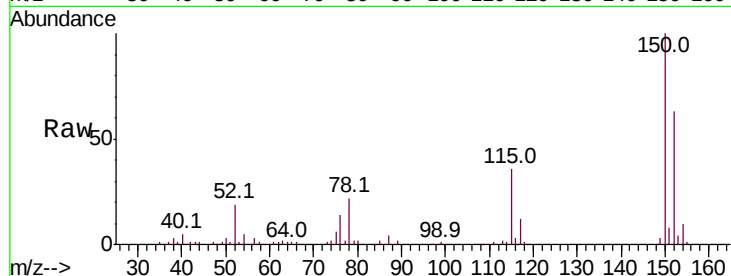


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.6	183.8
115	57.0	46.0	69.0

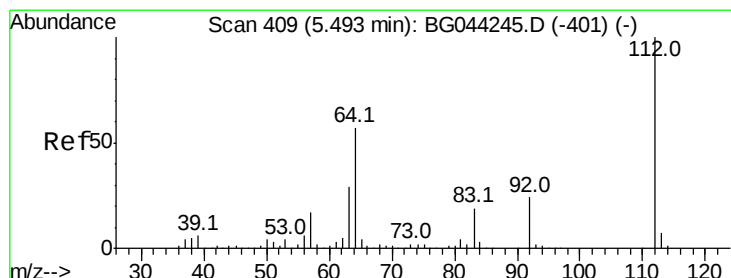
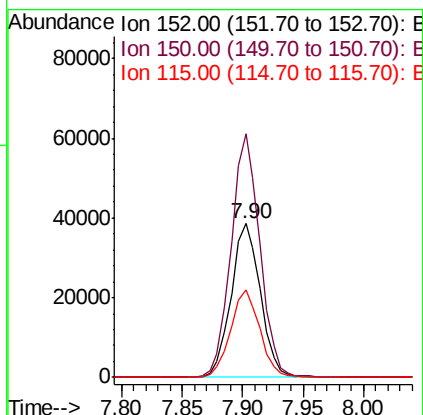
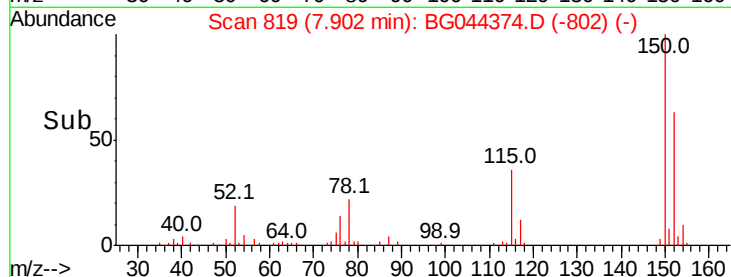


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

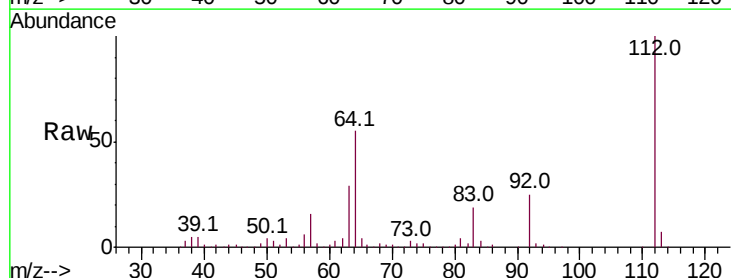
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.525 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.4	68.2
63	28.8	22.9	34.3

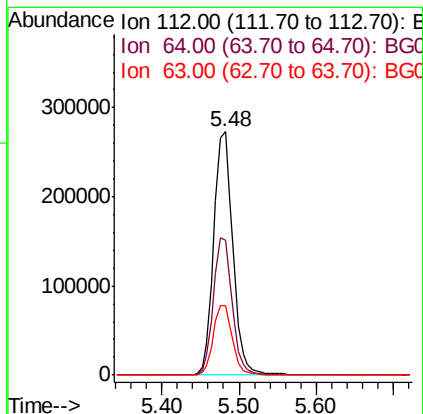
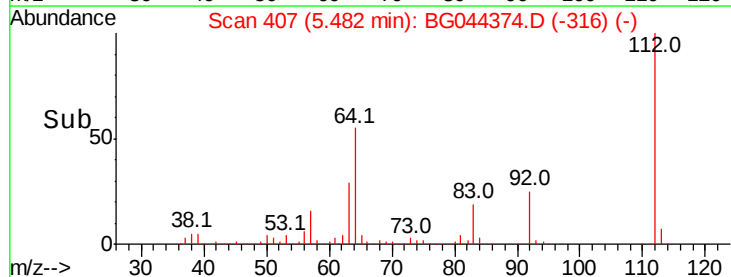


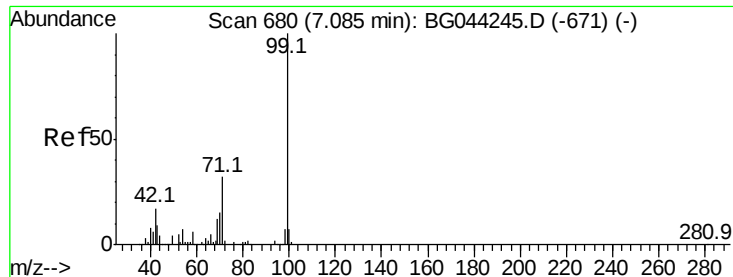
Abundance

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: 126.137 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Instrument :

BNA_G

ClientSampleId :

TP-5

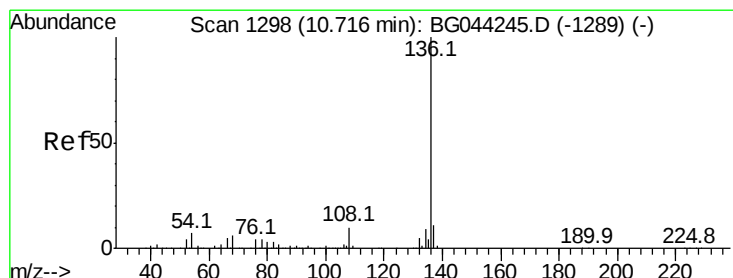
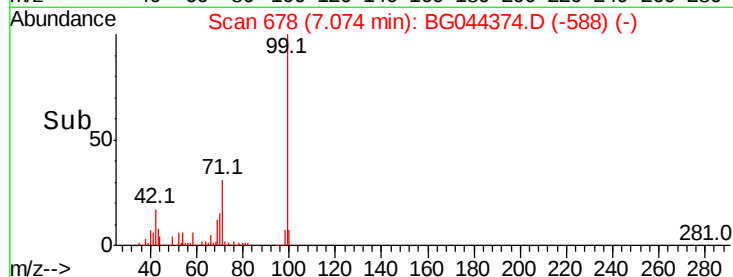
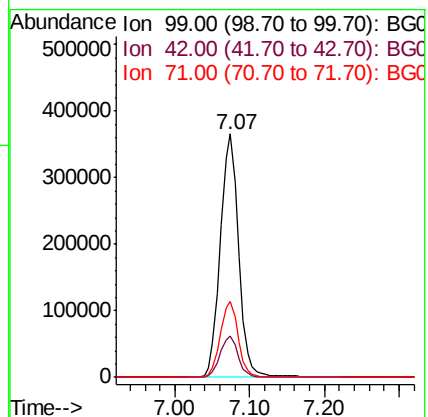
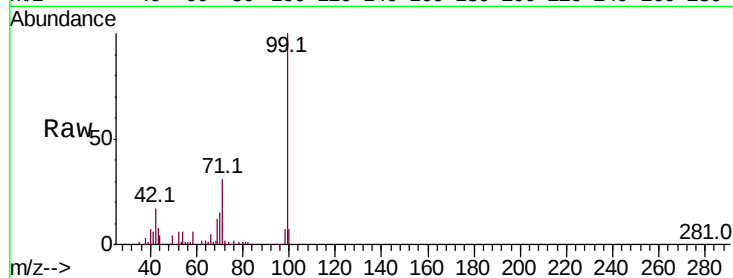
Tot Ion: 99 Resp: 626591

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 31.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Tgt Ion: 136 Resp: 282417

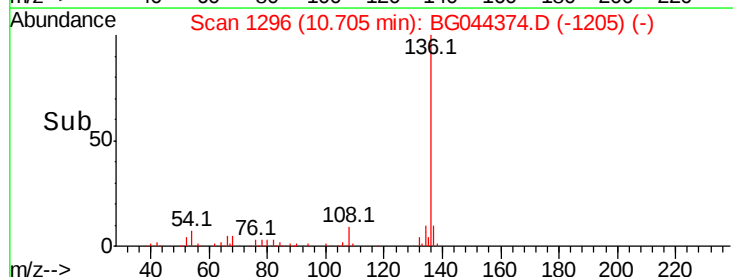
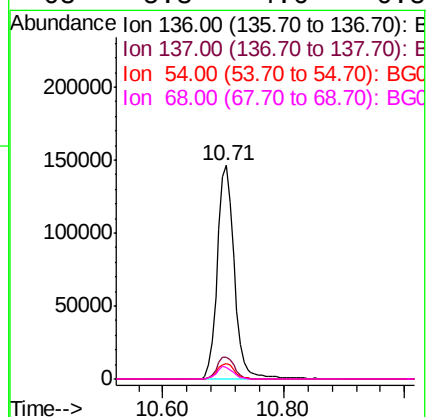
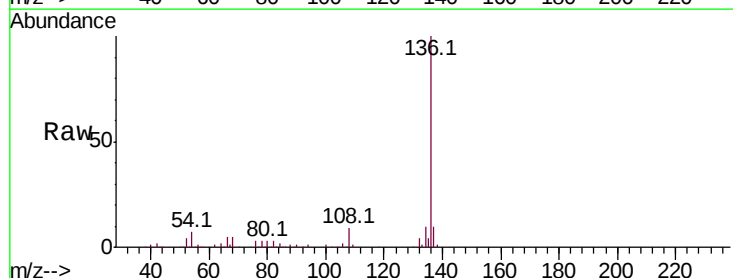
Ion Ratio Lower Upper

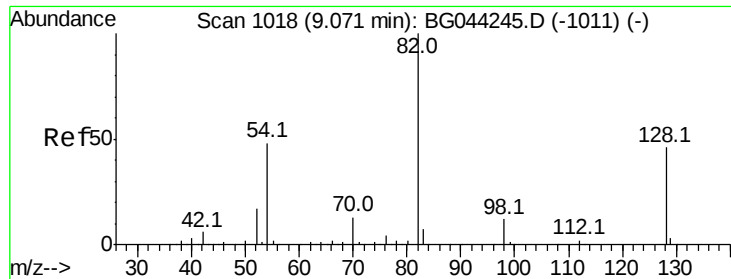
136 100

137 10.4 8.8 13.2

54 7.1 5.8 8.8

68 5.3 4.6 6.8

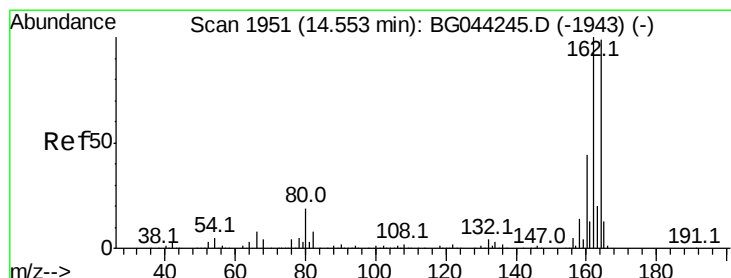
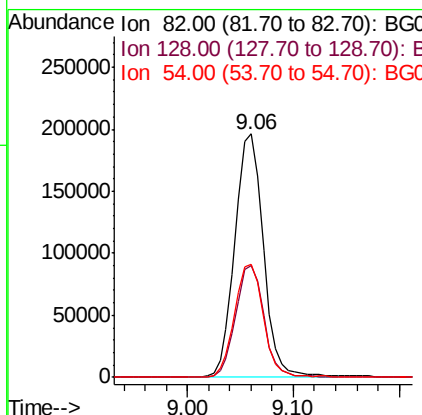
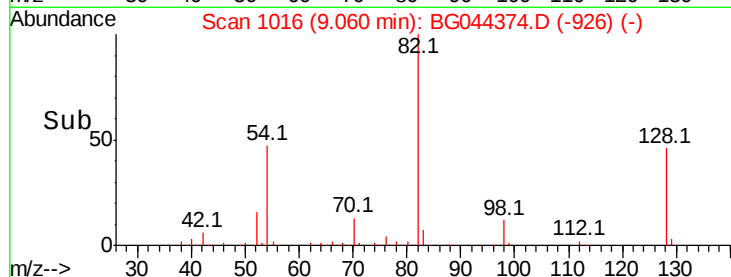
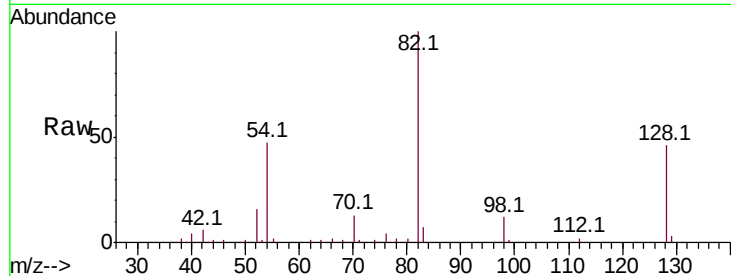




#23
Nitrobenzene-d5
Concen: 73.561 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

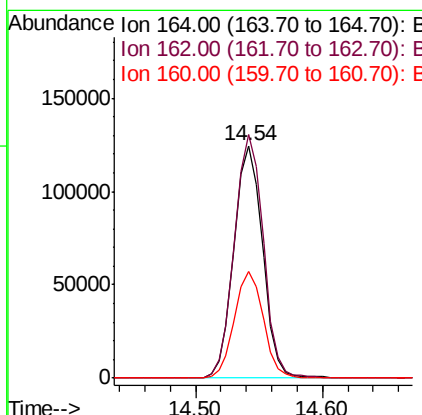
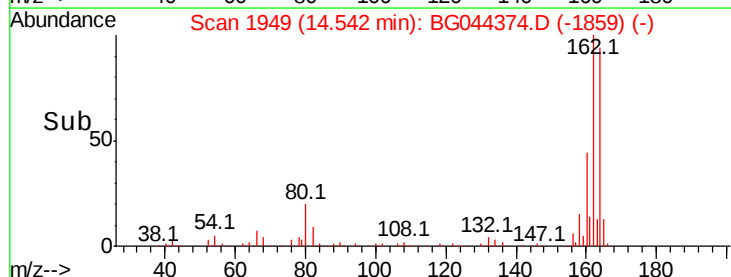
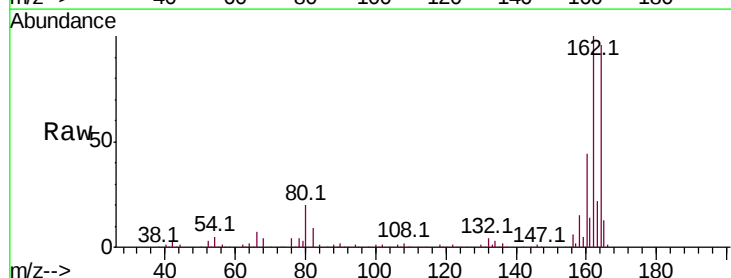
Instrument :
BNA_G
ClientSampleId :
TP-5

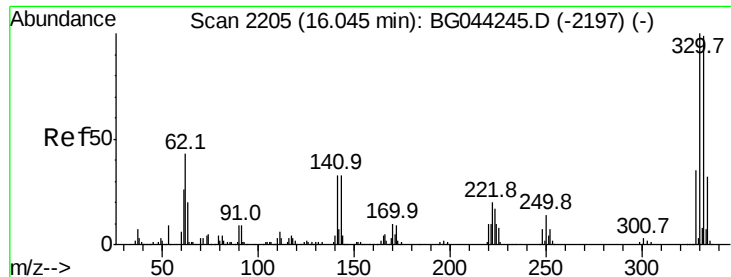
Tot Ion: 82 Resp: 367984
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 46.6 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion:164 Resp: 195508
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 45.8 35.3 52.9

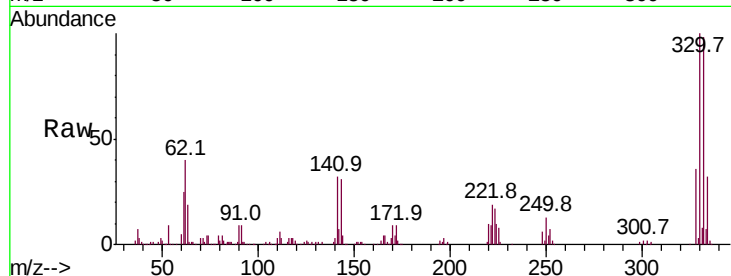




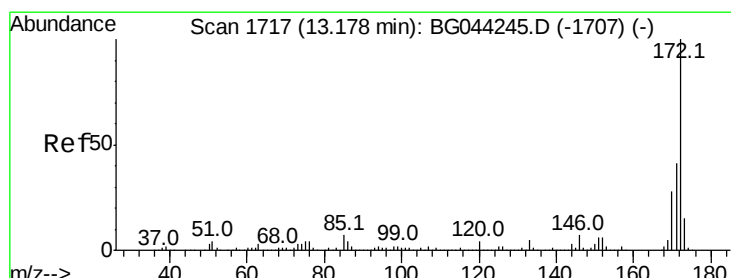
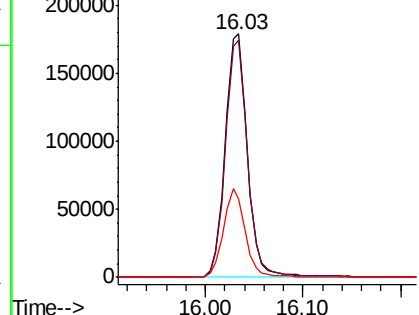
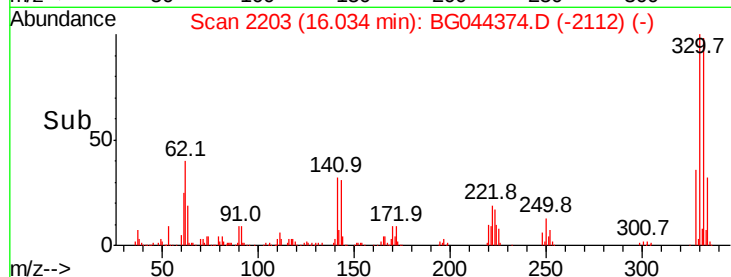
#42
 2,4,6-Tribromophenol
 Concen: 123.046 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	35.5	28.3	42.5

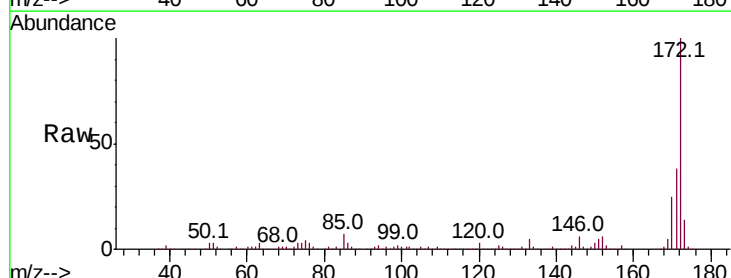


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

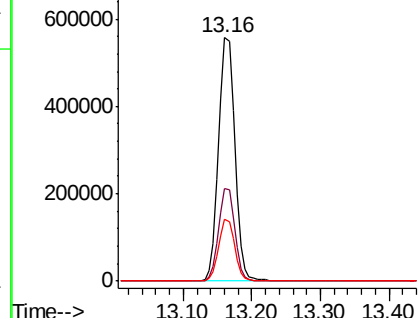
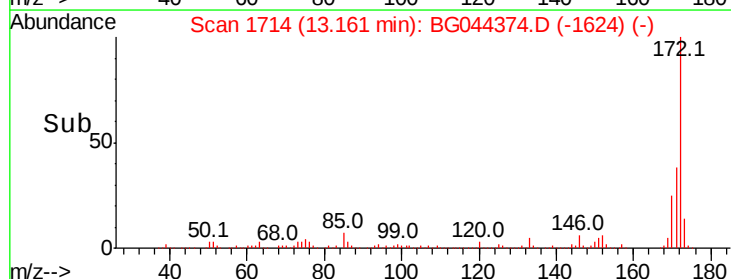


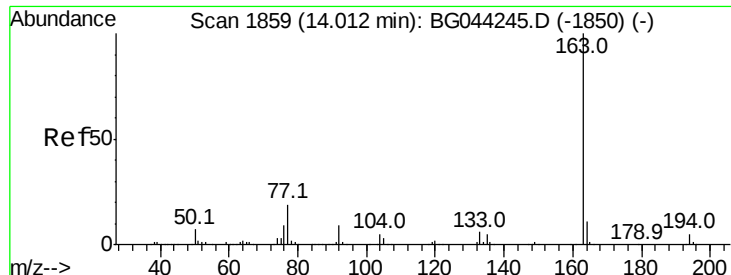
#45
 2-Fluorobiphenyl
 Concen: 78.864 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	25.2	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: 2.944 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Instrument :

BNA_G

ClientSampleId :

TP-5

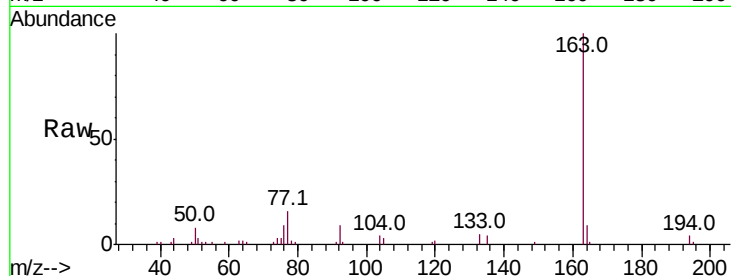
Tot Ion:163 Resp: 41376

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

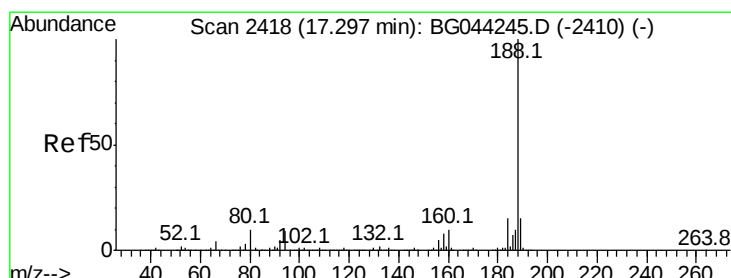
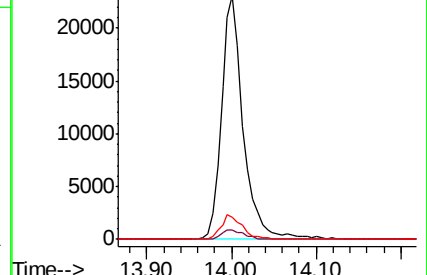
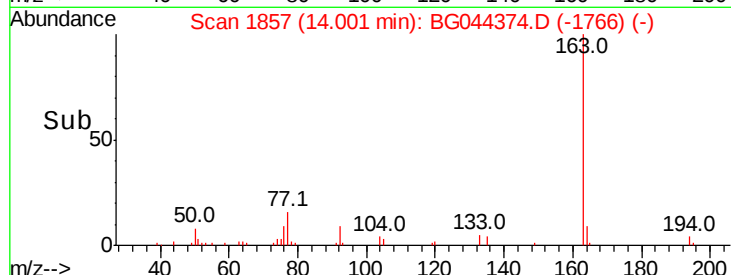
164 9.3 8.7 13.1



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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

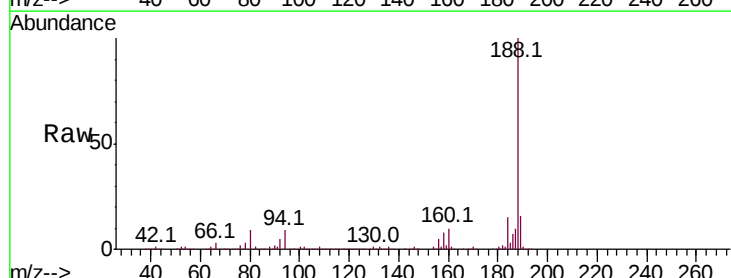
Tgt Ion:188 Resp: 483437

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

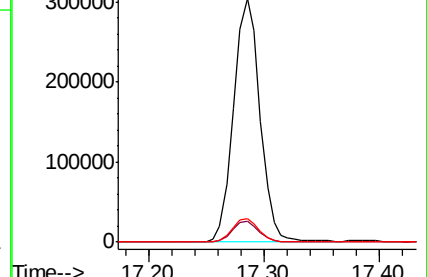
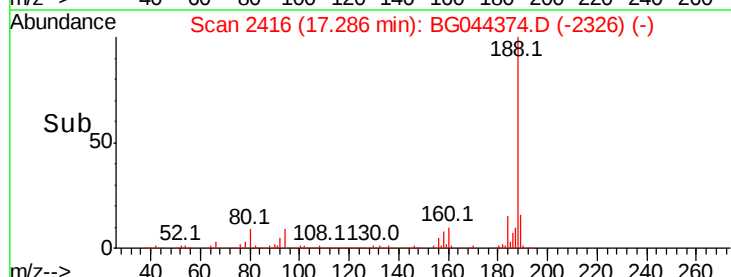
80 9.5 7.7 11.5

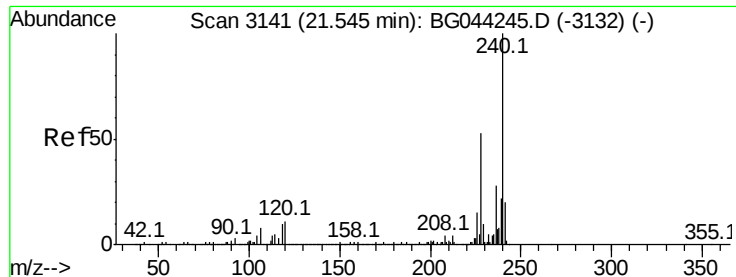


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Instrument :

BNA_G

ClientSampleId :

TP-5

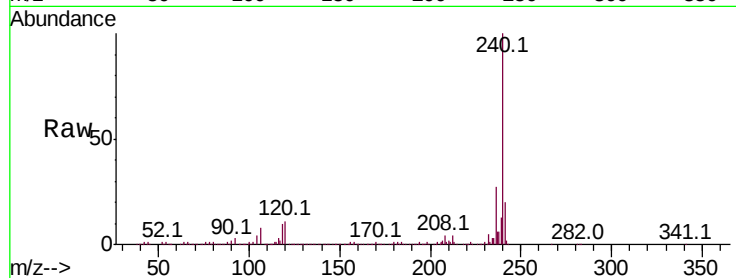
Tot Ion:240 Resp: 472291

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

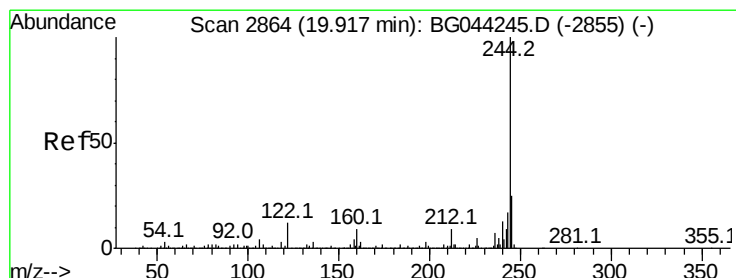
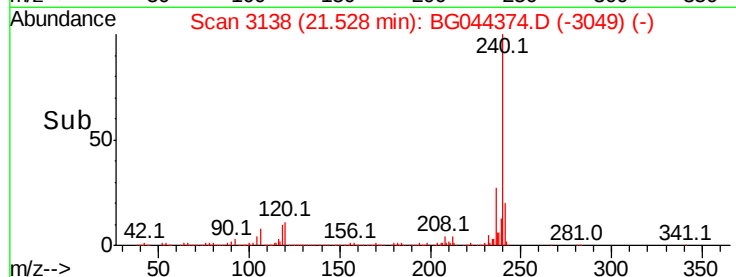
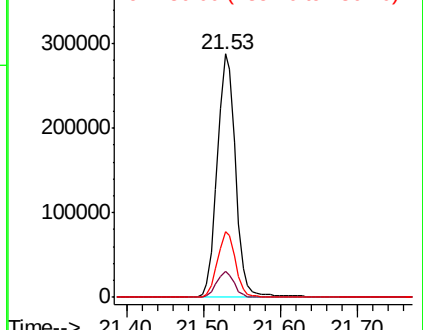
236 27.0 22.1 33.1



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



#79

Terphenyl-d14

Concen: 67.839 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

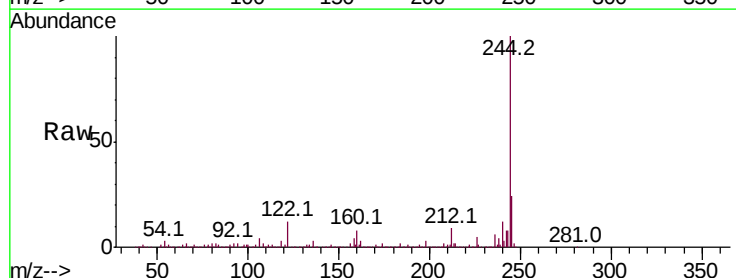
Tgt Ion:244 Resp: 1557688

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

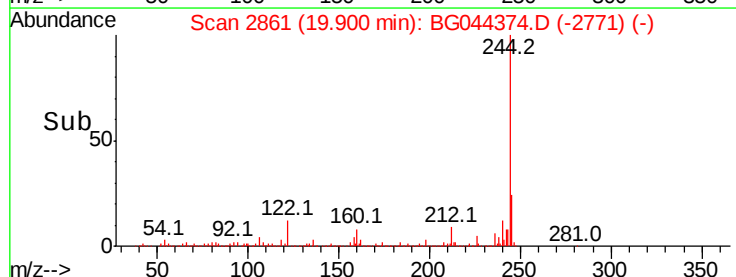
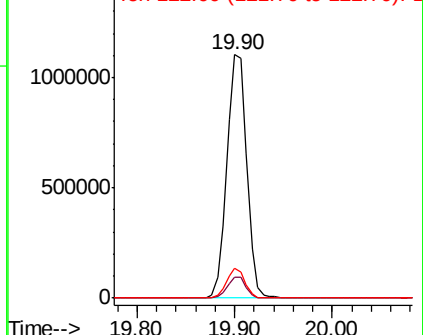
122 12.3 9.8 14.6

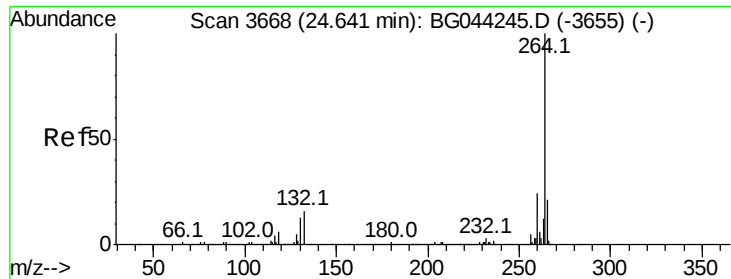


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:264 Resp: 488687
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.8 16.7 25.1

