

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045015.D
 Acq On : 16 Apr 2020 20:50
 Operator : CG/JU
 Sample : L2284-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-SA

Quant Time: Apr 17 05:21:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

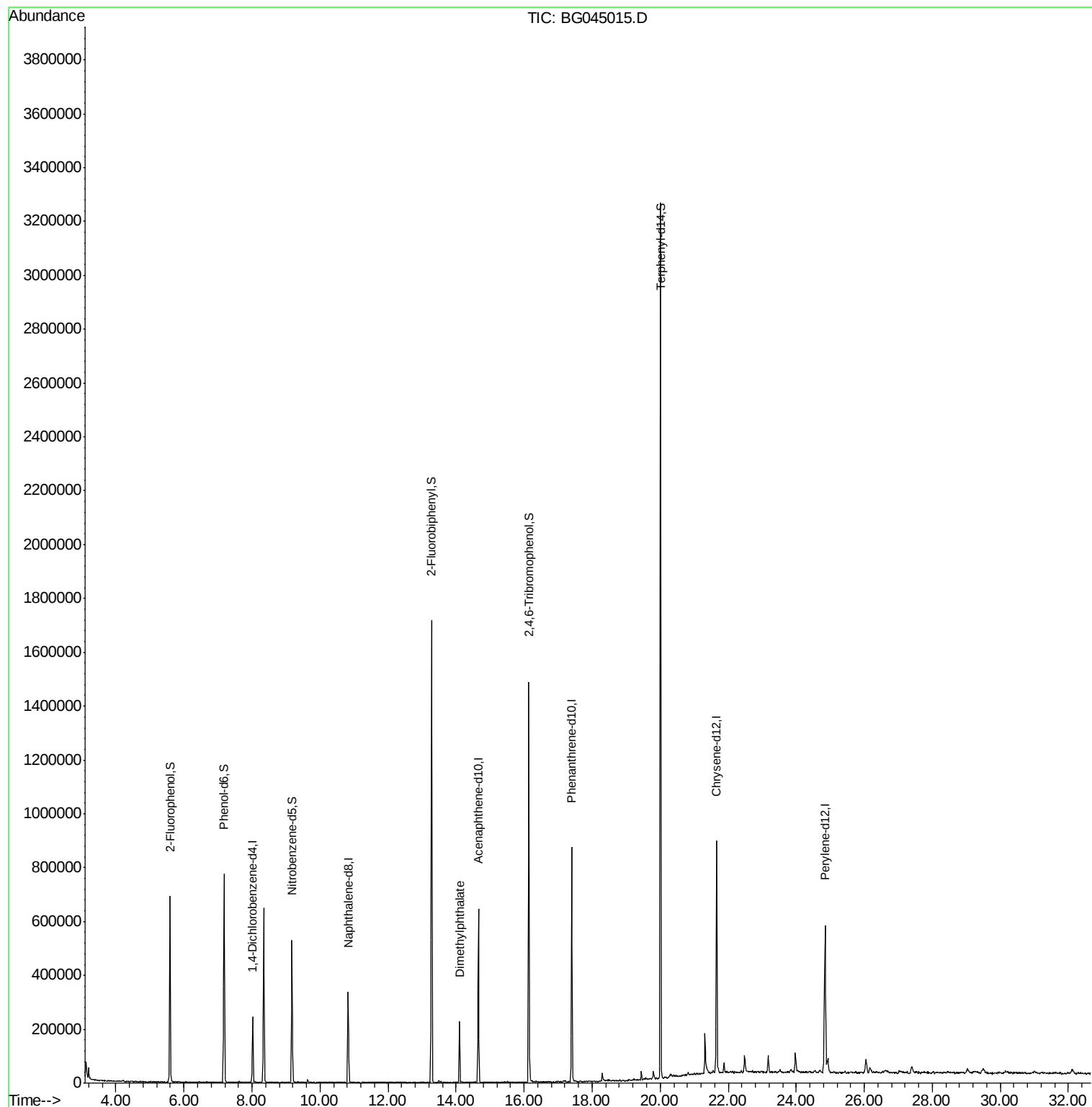
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	69087	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	302348	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	237128	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	561898	20.00	ng	0.00
76) Chrysene-d12	21.66	240	551536	20.00	ng	-0.01
87) Perylene-d12	24.85	264	599709	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	327322	78.22	ng	0.00
7) Phenol-d6	7.18	99	514984	82.83	ng	0.00
23) Nitrobenzene-d5	9.17	82	362353	54.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	299978	81.89	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	924944	57.20	ng	0.00
79) Terphenyl-d14	20.01	244	1611159	63.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	153078	7.928	ng	Qvalue 98

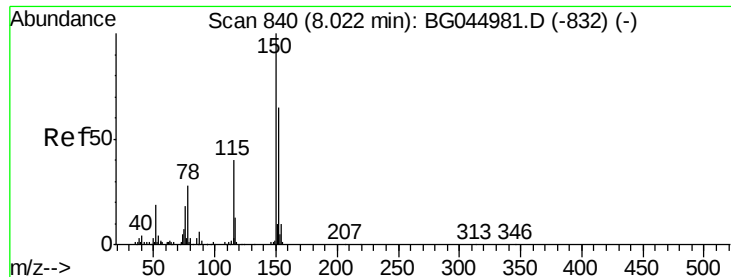
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

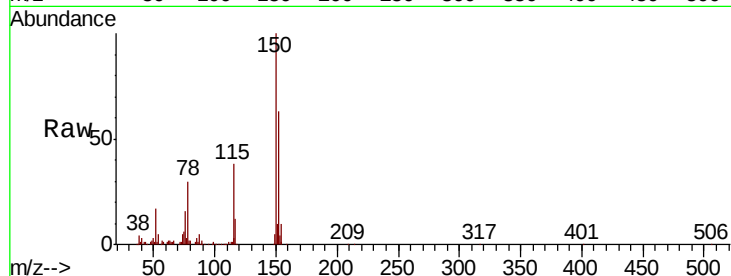
Tot Ion:152 Resp: 69087

Ion Ratio Lower Upper

152 100

150 159.7 123.6 185.4

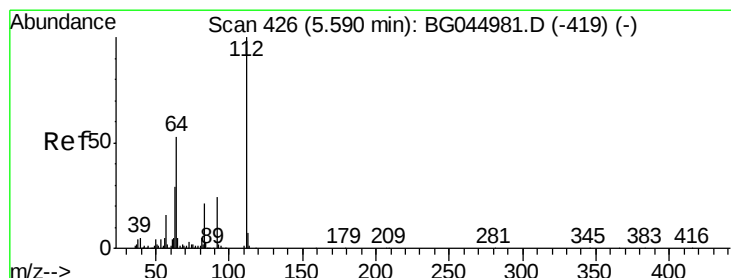
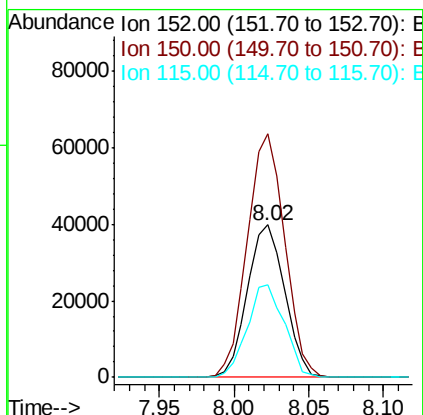
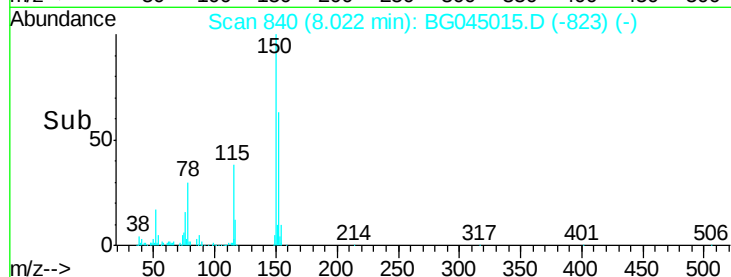
115 60.7 49.1 73.7



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: 78.219 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

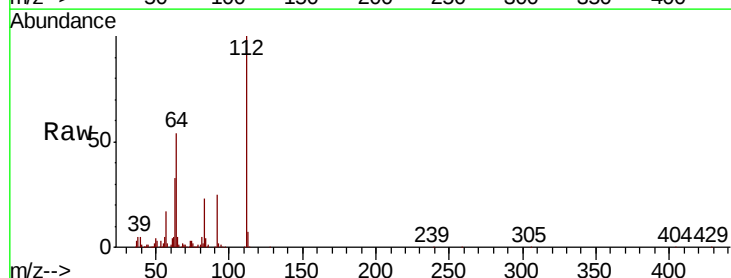
Tgt Ion:112 Resp: 327322

Ion Ratio Lower Upper

112 100

64 54.1 42.4 63.6

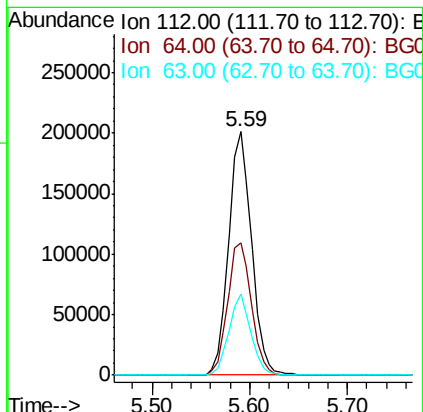
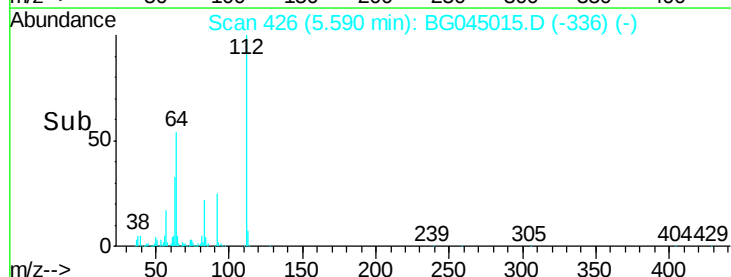
63 33.5 23.1 34.7



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: 82.829 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

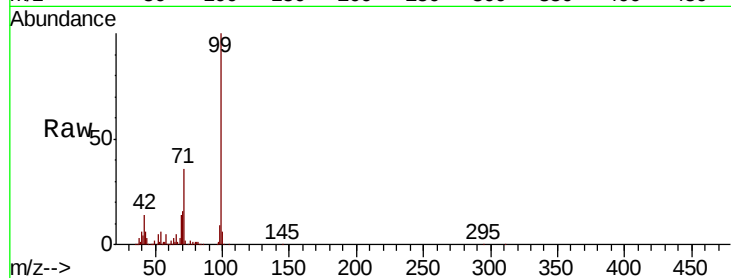
Tot Ion: 99 Resp: 514984

Ion Ratio Lower Upper

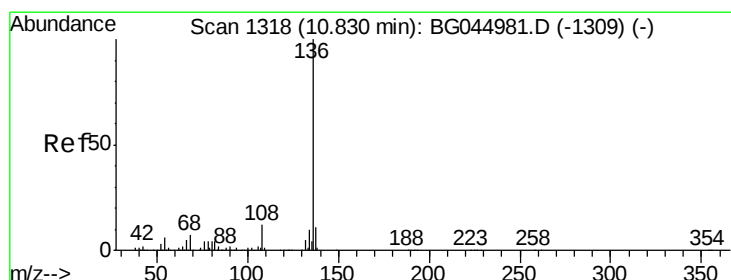
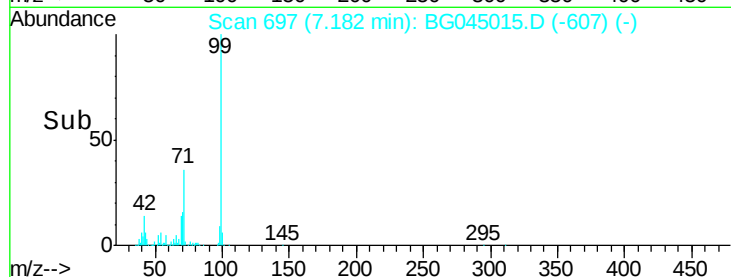
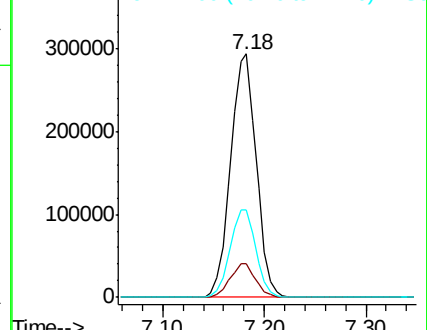
99 100

42 13.6 11.3 16.9

71 36.2 28.3 42.5



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

Tgt Ion: 136 Resp: 302348

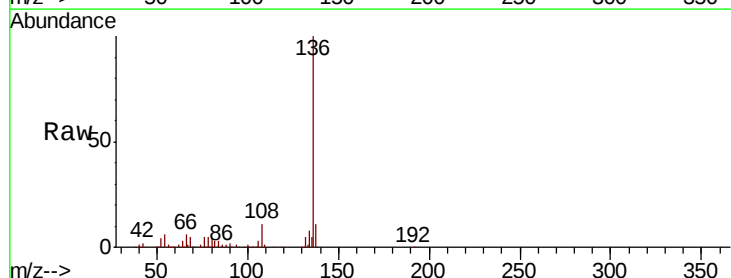
Ion Ratio Lower Upper

136 100

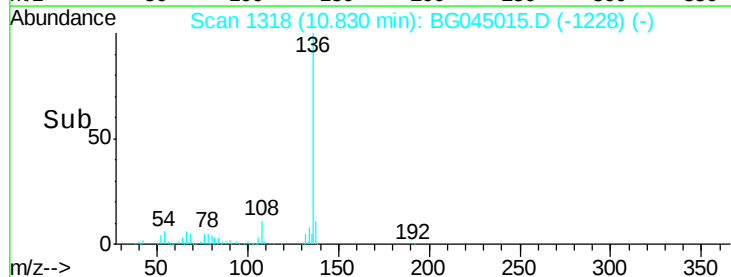
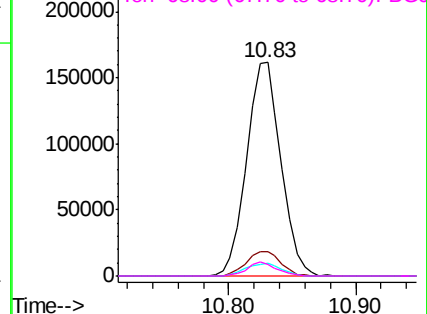
137 11.4 8.6 13.0

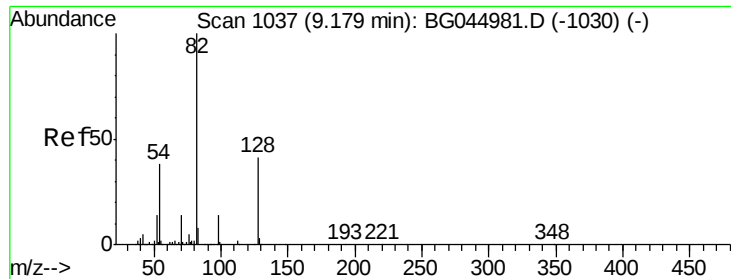
54 5.8 4.8 7.2

68 5.2 5.2 7.8#



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

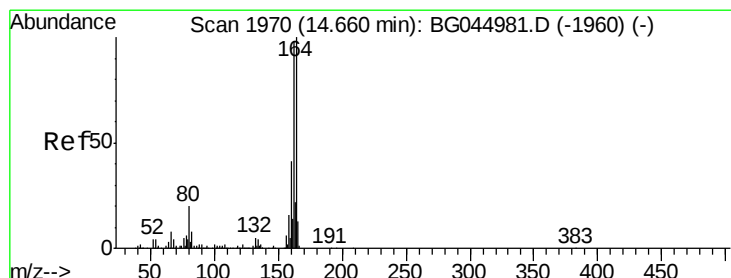
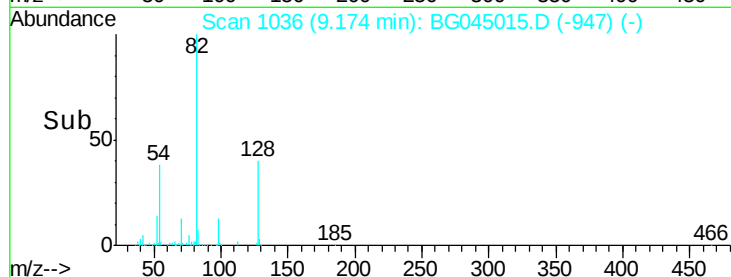
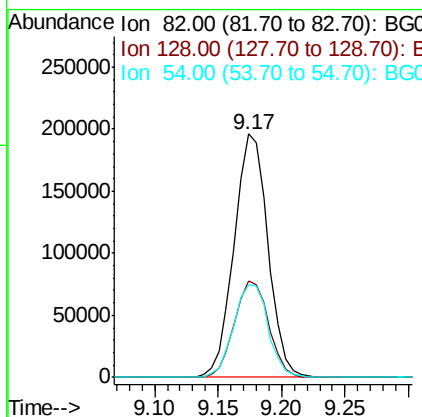
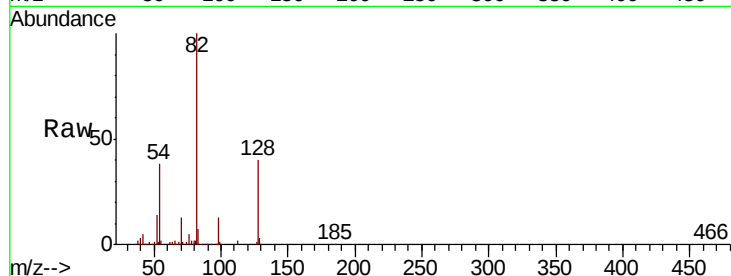




#23
 Nitrobenzene-d5
 Concen: 54.684 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045015.D
 Acq: 16 Apr 2020 20:50

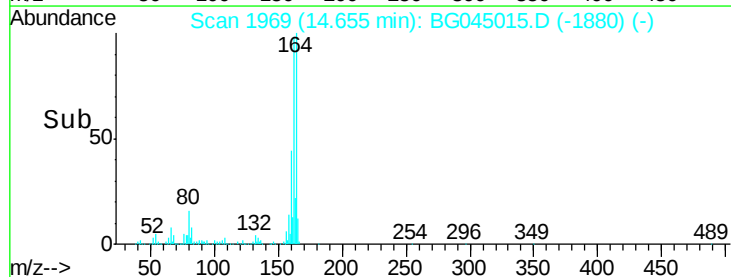
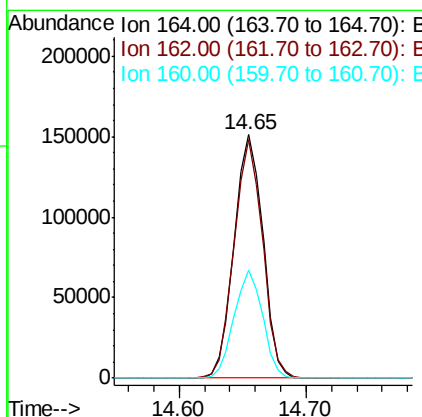
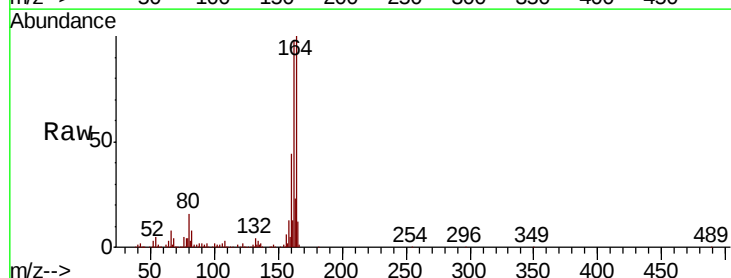
Instrument :
 BNA_G
 ClientSampleId :
 TP-12-SA

Tot Ion: 82 Resp: 362353
 Ion Ratio Lower Upper
 82 100
 128 39.7 33.0 49.4
 54 38.1 30.4 45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045015.D
 Acq: 16 Apr 2020 20:50

Tgt Ion: 164 Resp: 237128
 Ion Ratio Lower Upper
 164 100
 162 98.1 78.7 118.1
 160 44.1 32.8 49.2

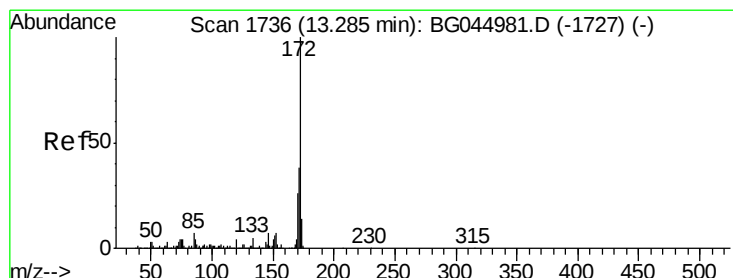
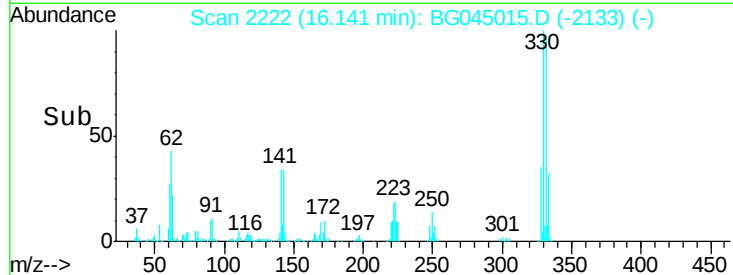
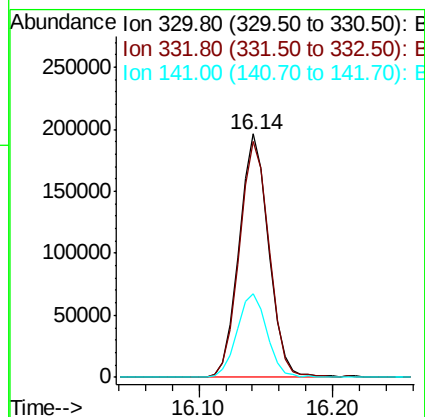
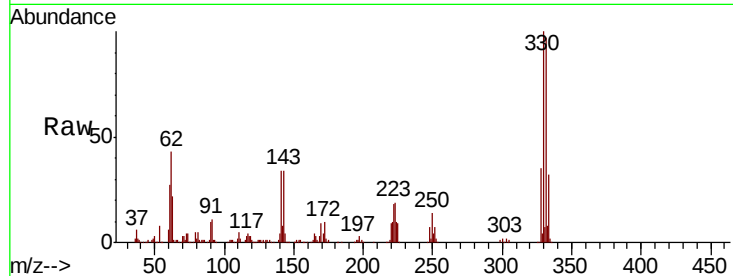




#42
2,4,6-Tribromophenol
Concen: 81.887 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG045015.D
Acq: 16 Apr 2020 20:50

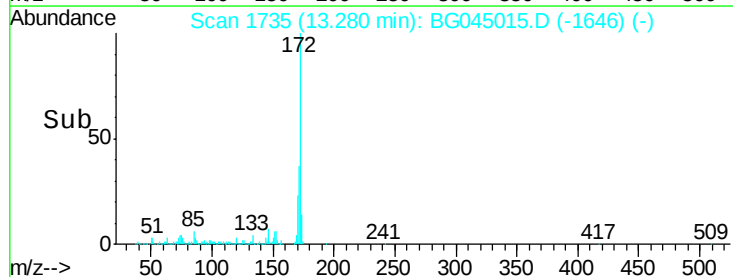
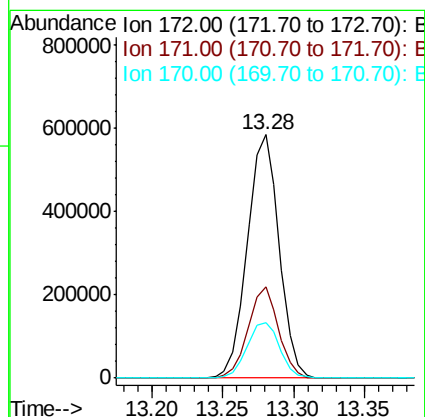
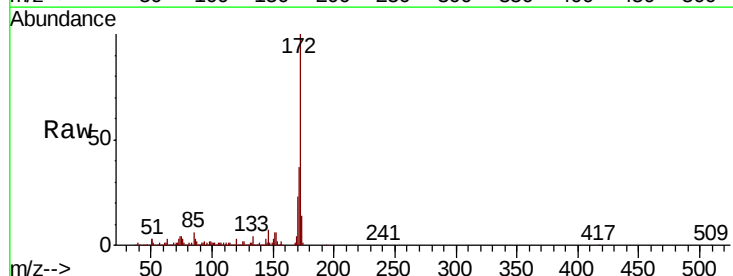
Instrument :
BNA_G
ClientSampleId :
TP-12-SA

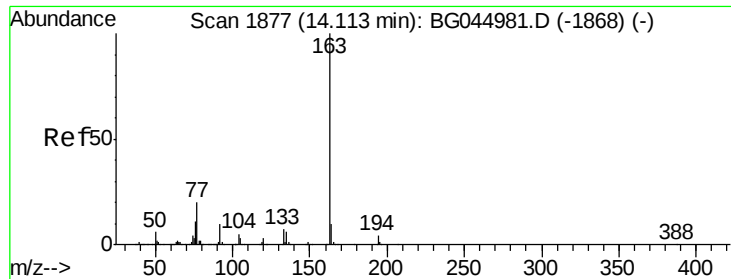
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.1	118.7
141	34.9	27.1	40.7



#45
2-Fluorobiphenyl
Concen: 57.195 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG045015.D
Acq: 16 Apr 2020 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	23.0	20.5	30.7

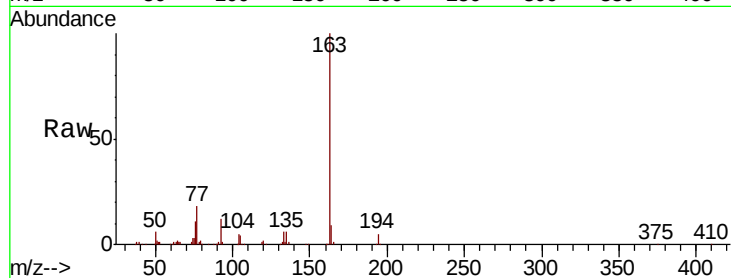




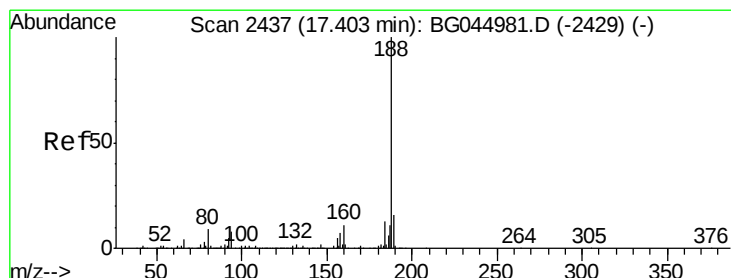
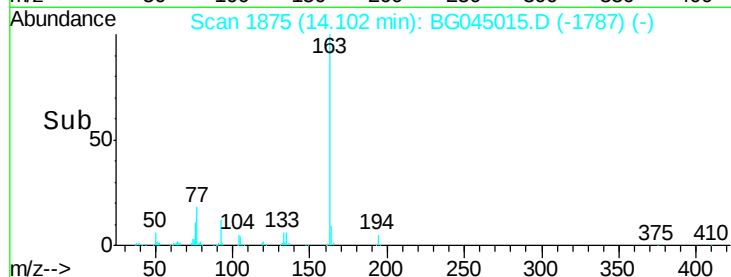
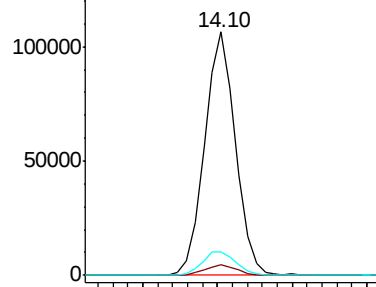
#50
Dimethylphthalate
Concen: 7.928 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045015.D
Acq: 16 Apr 2020 20:50

Instrument :
BNA_G
ClientSampled :
TP-12-SA

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.6	3.5	5.3	
164	9.5	8.2	12.4	

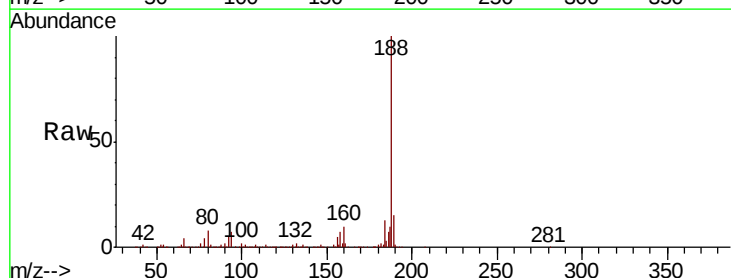


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

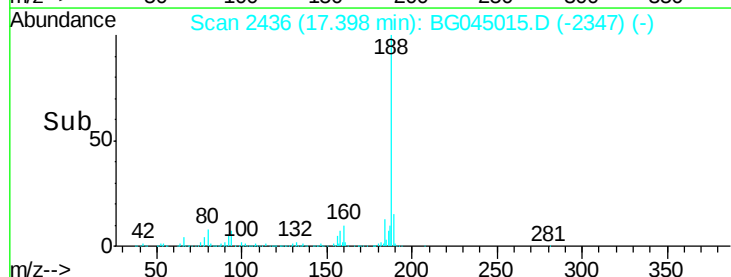
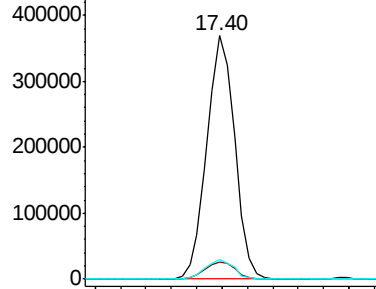


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG045015.D
Acq: 16 Apr 2020 20:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.1	6.2	9.4	
80	8.1	7.0	10.6	



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

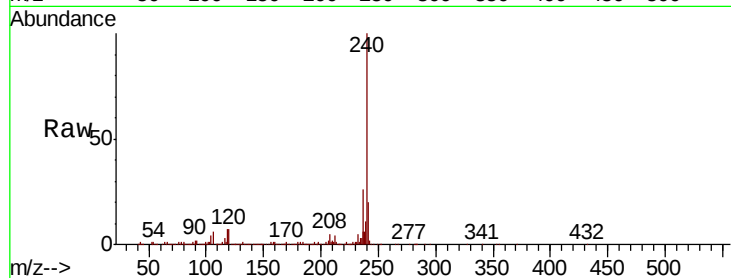
Tot Ion:240 Resp: 551536

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.0	22.2	33.2

240 100

120 7.1 6.6 10.0

236 26.0 22.2 33.2



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

21.66

400000

300000

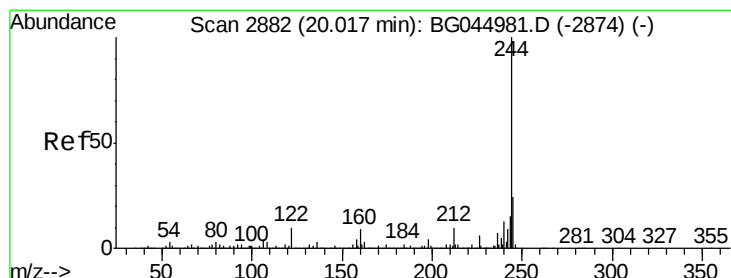
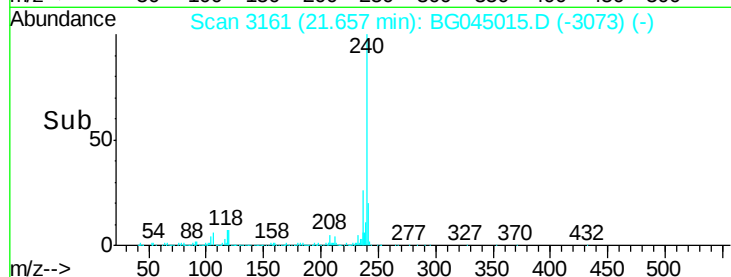
200000

100000

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Time-->

21.60 21.70 21.80



#79

Terphenyl-d14

Concen: 63.670 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045015.D

Acq: 16 Apr 2020 20:50

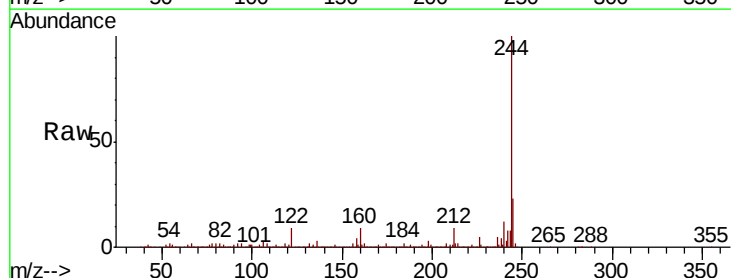
Tgt Ion:244 Resp: 1611159

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	8.6	7.7	11.5

244 100

212 9.3 7.9 11.9

122 8.6 7.7 11.5



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

20.01

1500000

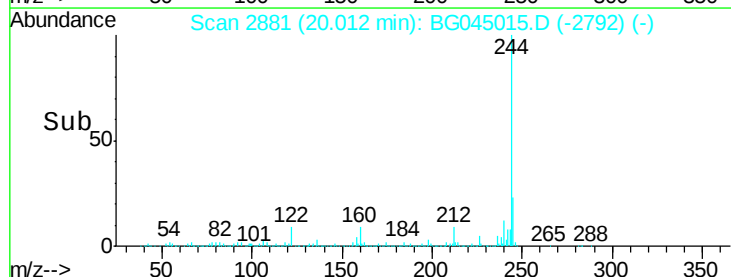
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500000

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Time-->

20.00 20.10





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045015.D
Acq: 16 Apr 2020 20:50

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	19.0	28.4

