

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045029.D
 Acq On : 17 Apr 2020 12:29
 Operator : CG/JU
 Sample : L2284-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SA

Quant Time: Apr 17 13:22:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

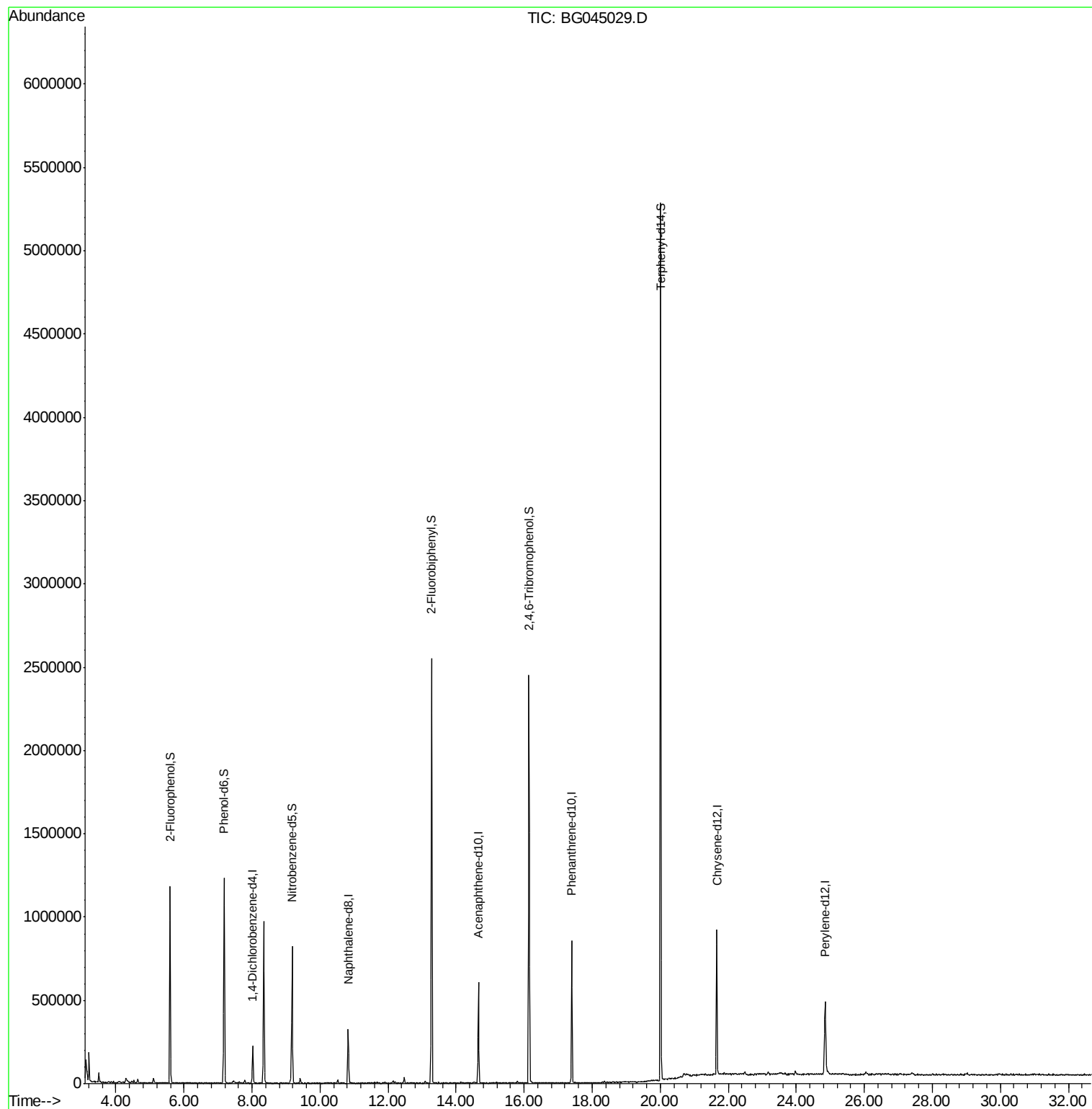
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67549	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283816	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	221261	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	555432	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531432	20.00	ng	0.00
87) Perylene-d12	24.85	264	469431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	556379	135.98	ng	0.00
7) Phenol-d6	7.18	99	804504	132.34	ng	0.00
23) Nitrobenzene-d5	9.18	82	558336	89.76	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	495687	145.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1376095	91.20	ng	0.00
79) Terphenyl-d14	20.01	244	2437511	99.97	ng	0.00
Target Compounds						
77) Benzidine	20.01	184	48764	Below Cal	Qvalue #	88

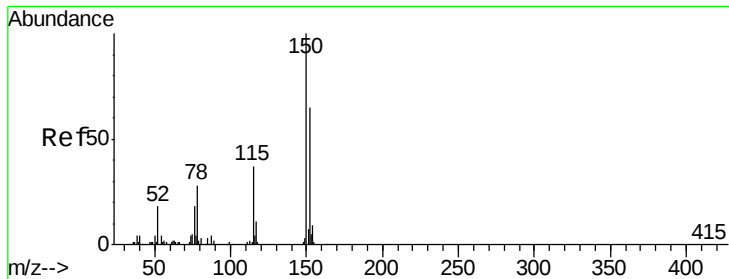
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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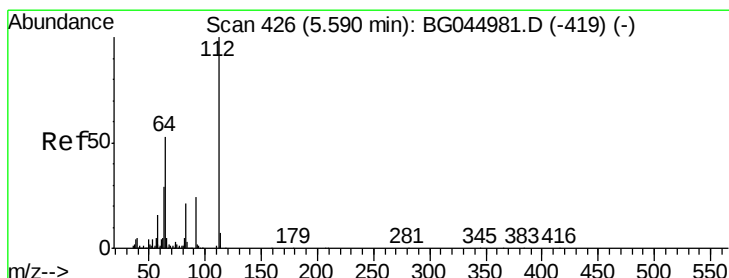
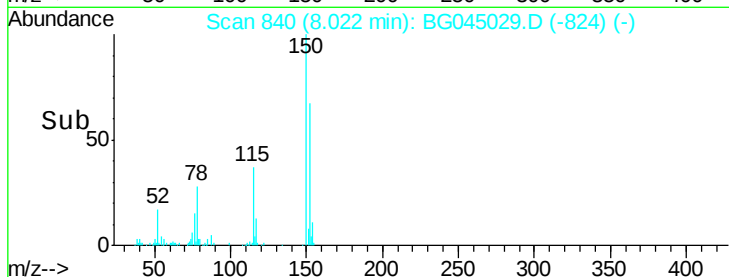
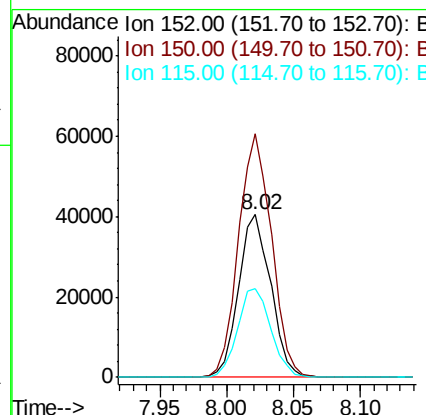
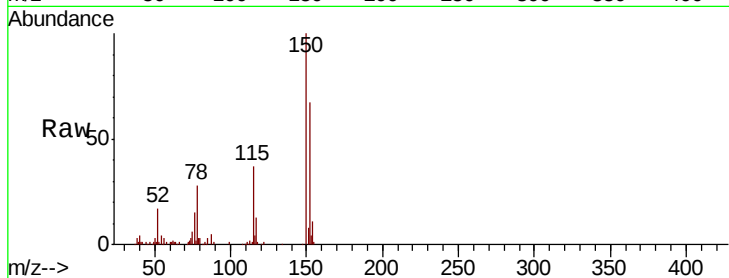




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045029.D
 Acq: 17 Apr 2020 12:29

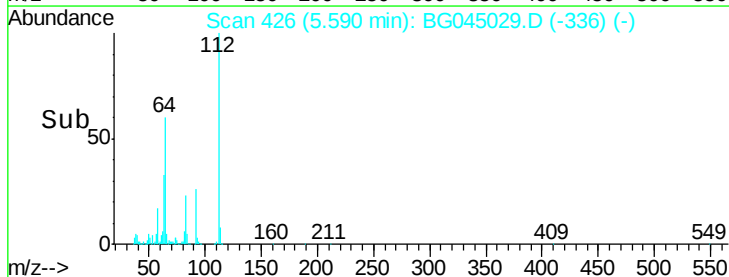
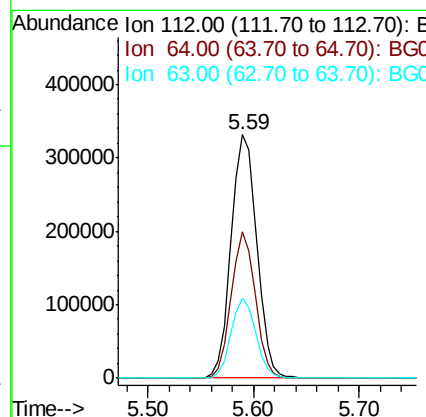
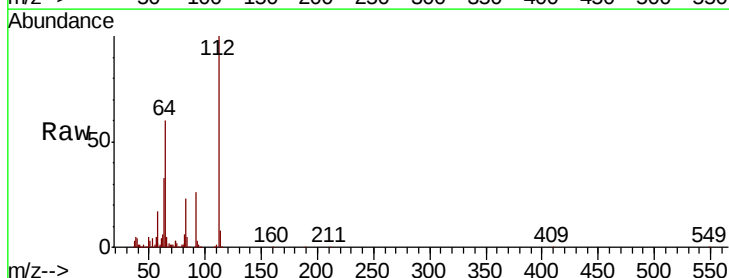
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SA

Tot Ion:	152	Resp:	67549
Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.6	185.4
115	54.7	49.1	73.7



#5
 2-Fluorophenol
 Concen: 135.983 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045029.D
 Acq: 17 Apr 2020 12:29

Tgt Ion:	112	Resp:	556379
Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.4	63.6
63	32.8	23.1	34.7





#7

Phenol-d6

Concen: 132.342 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045029.D

Acq: 17 Apr 2020 12:29

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

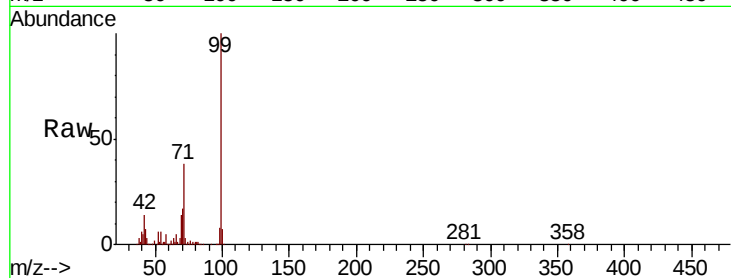
Tot Ion: 99 Resp: 804504

Ion Ratio Lower Upper

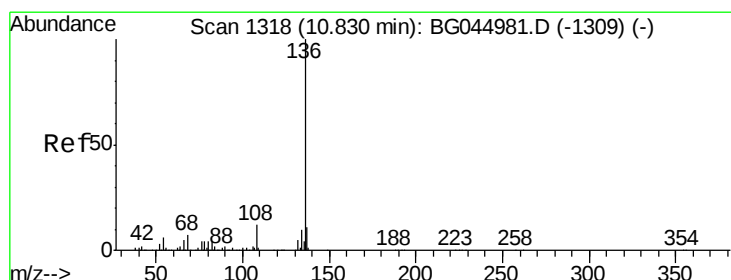
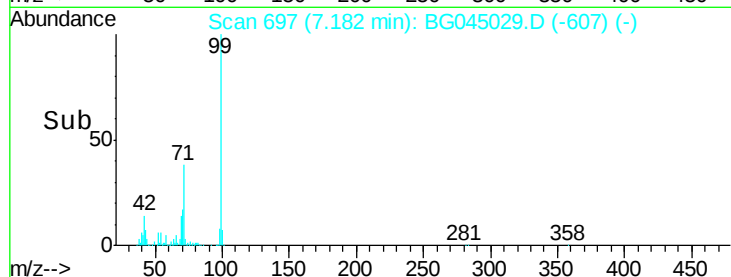
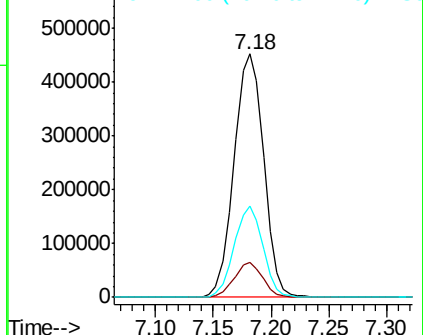
99 100

42 14.2 11.3 16.9

71 37.7 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: BG045029.D

Acq: 17 Apr 2020 12:29

Tgt Ion: 136 Resp: 283816

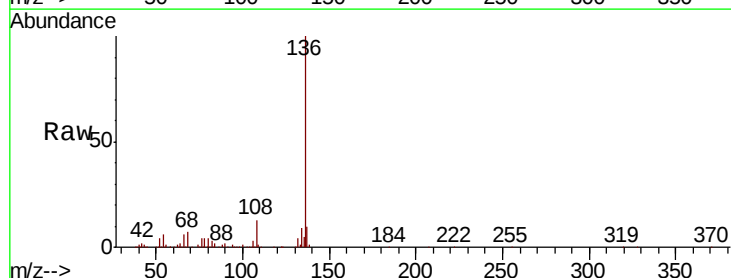
Ion Ratio Lower Upper

136 100

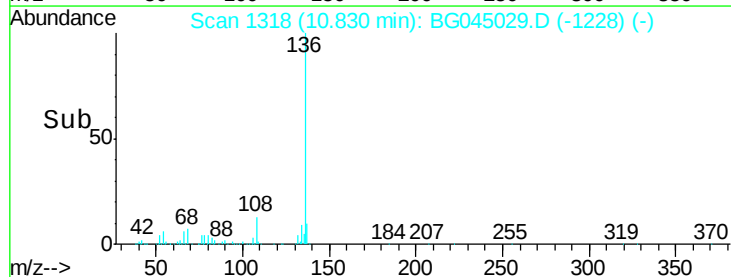
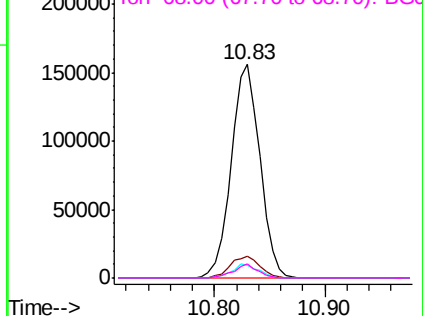
137 10.5 8.6 13.0

54 6.3 4.8 7.2

68 6.9 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

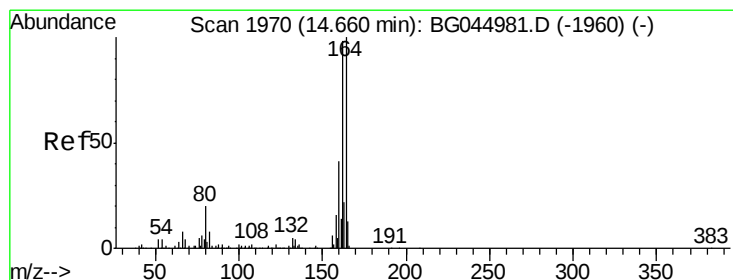
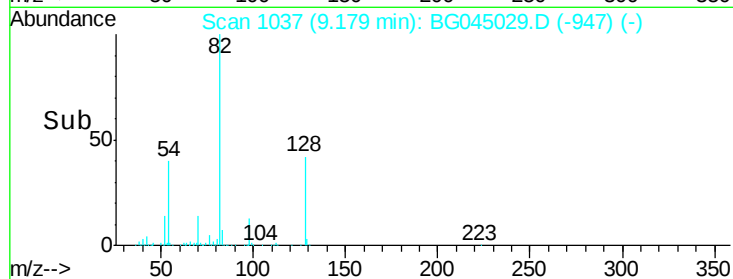
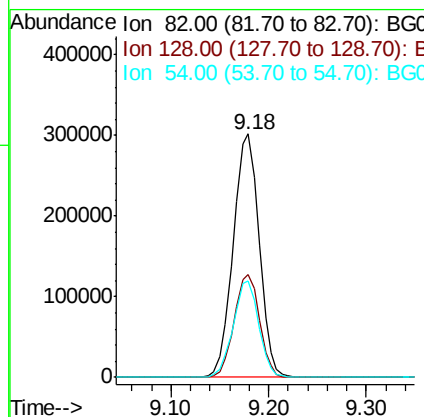
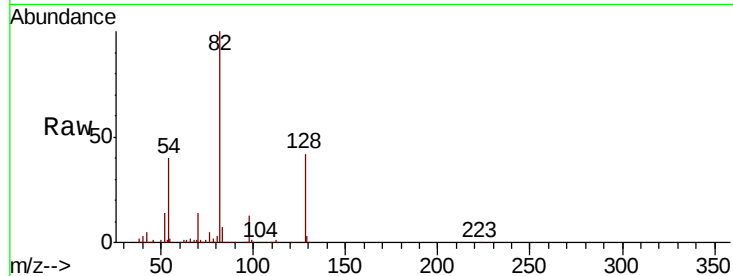




#23
Nitrobenzene-d5
Concen: 89.763 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

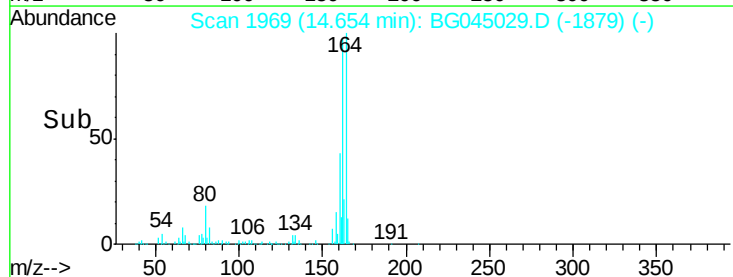
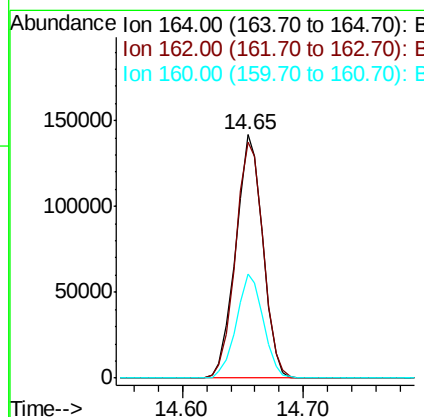
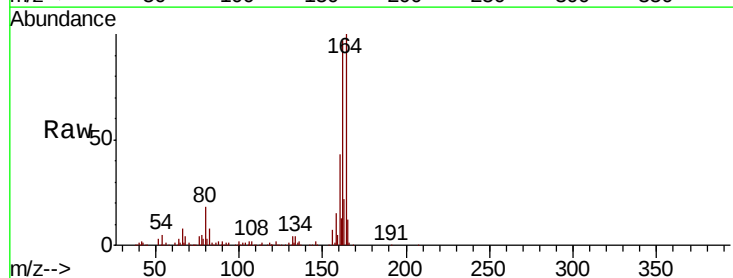
Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tot Ion	82	Resp	558336
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.0	49.4
54	39.9	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion	164	Resp	221261
Ion Ratio	Lower	Upper	
164	100		
162	97.1	78.7	118.1
160	43.0	32.8	49.2

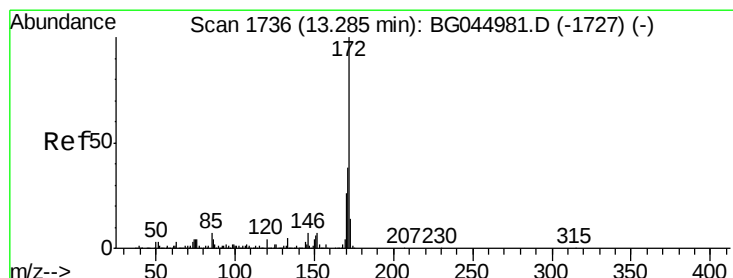
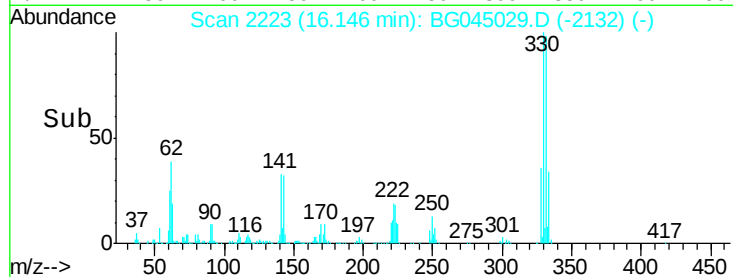
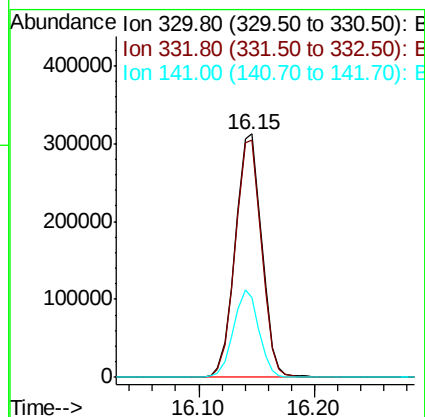
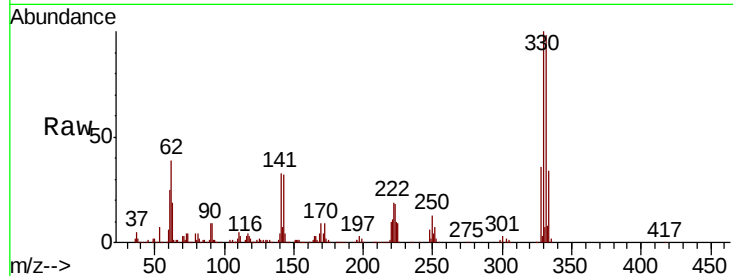




#42
 2,4,6-Tribromophenol
 Concen: 145.014 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045029.D
 Acq: 17 Apr 2020 12:29

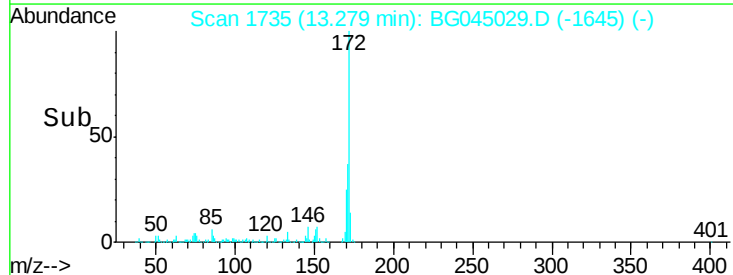
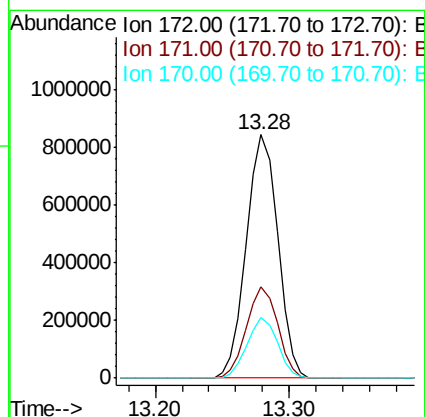
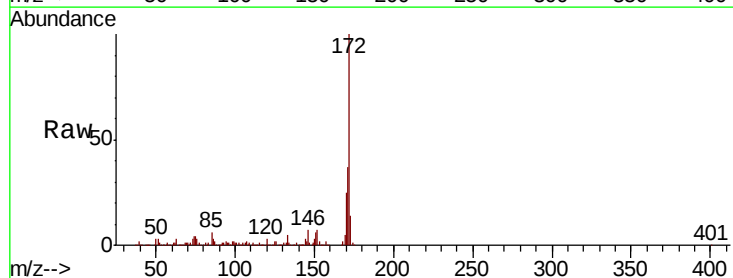
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SA

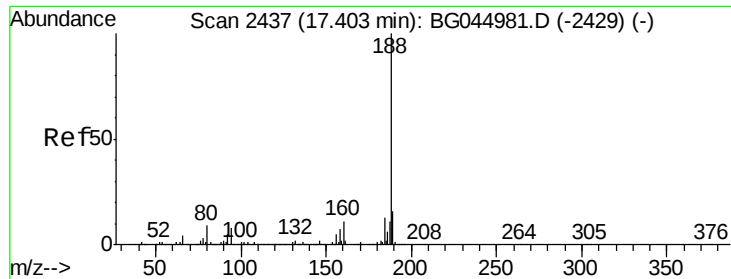
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	34.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 91.195 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045029.D
 Acq: 17 Apr 2020 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.0	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045029.D

Acq: 17 Apr 2020 12:29

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

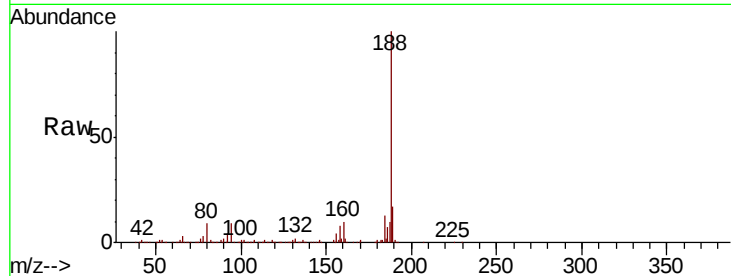
Tot Ion:188 Resp: 555432

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.4

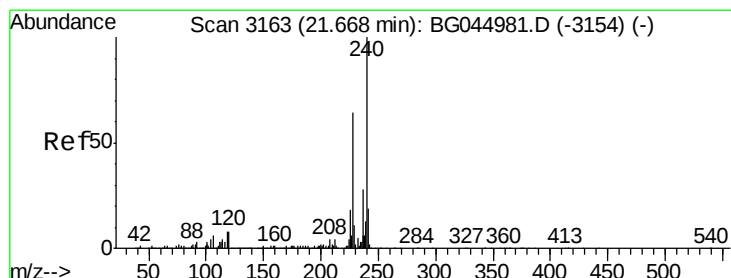
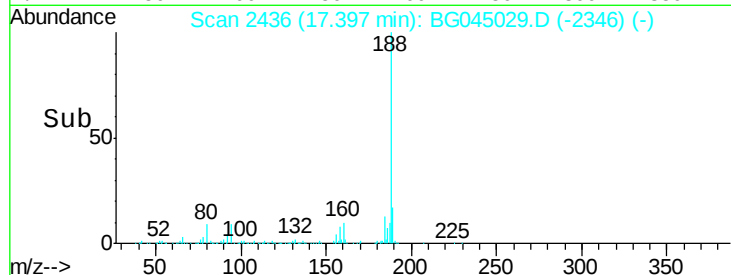
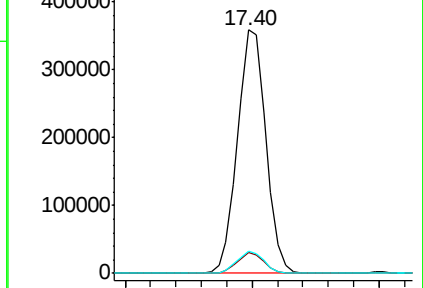
80 9.2 7.0 10.6



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# 3162

Delta R.T. -0.00 min

Lab File: BG045029.D

Acq: 17 Apr 2020 12:29

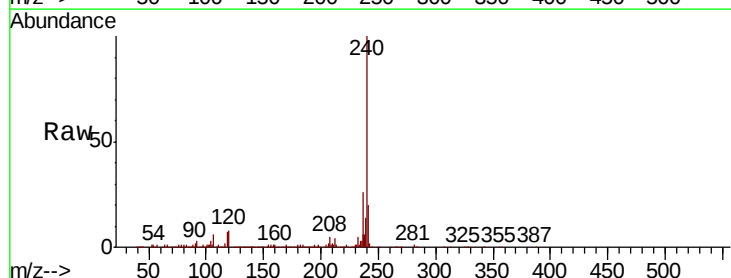
Tgt Ion:240 Resp: 531432

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

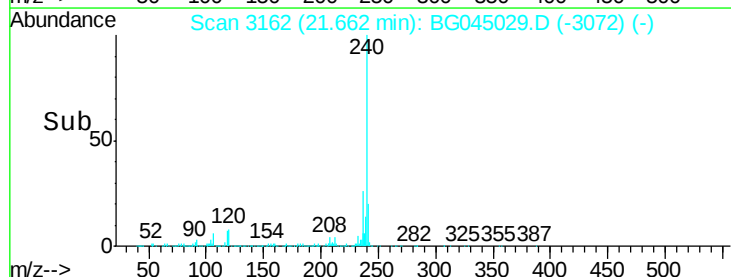
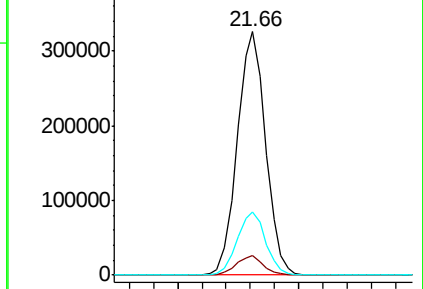
236 26.1 22.2 33.2

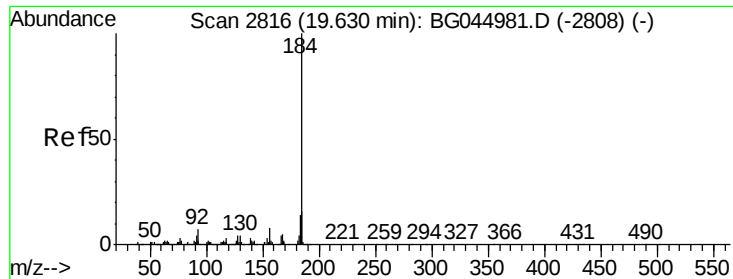


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.38 min

Lab File: BG045029.D

Acq: 17 Apr 2020 12:29

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

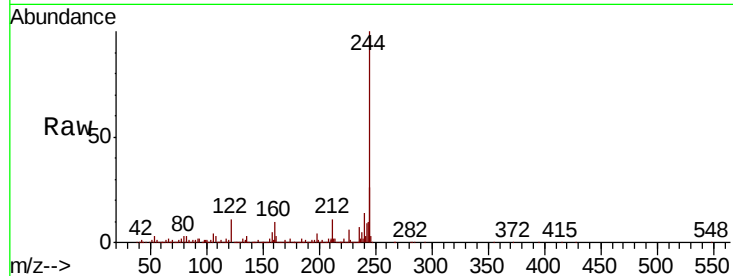
Tot Ion:184 Resp: 48764

Ion Ratio Lower Upper

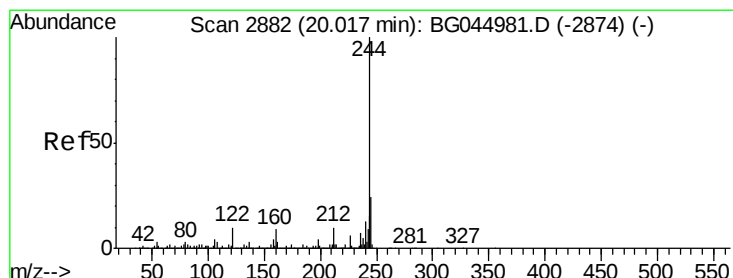
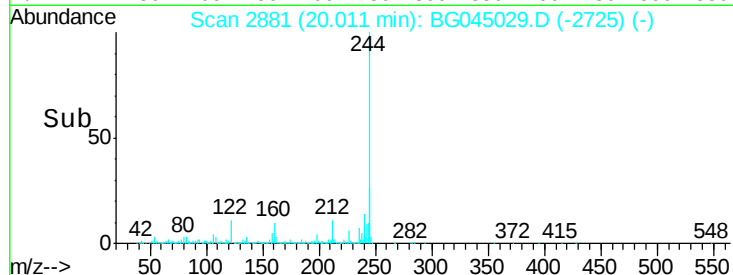
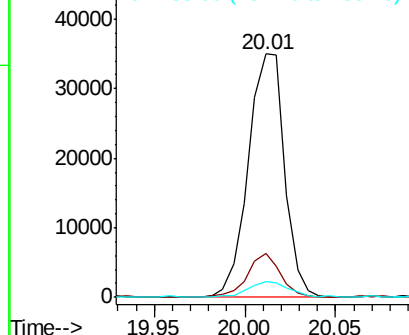
184 100

185 18.0 12.6 19.0

183 6.4 11.3 16.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 99.970 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045029.D

Acq: 17 Apr 2020 12:29

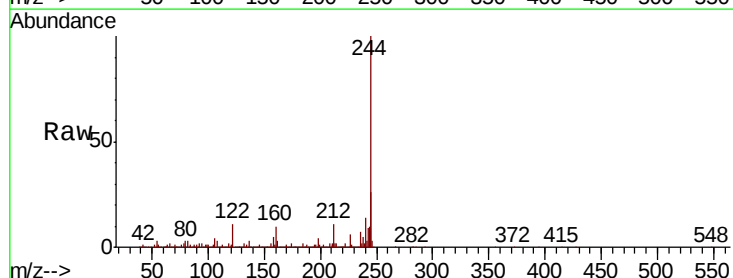
Tgt Ion:244 Resp: 2437511

Ion Ratio Lower Upper

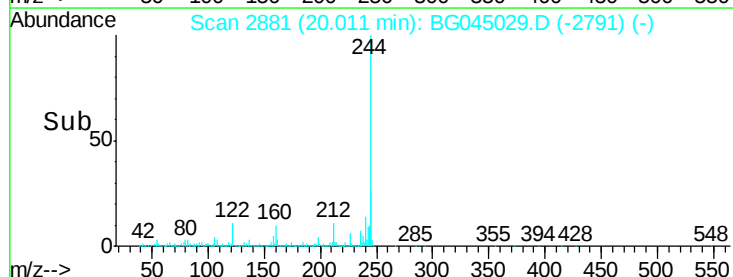
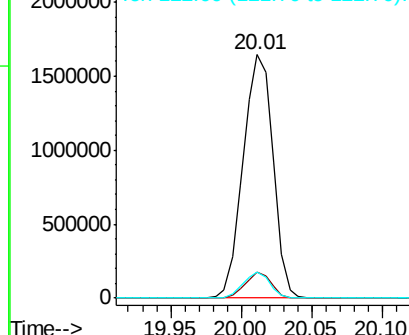
244 100

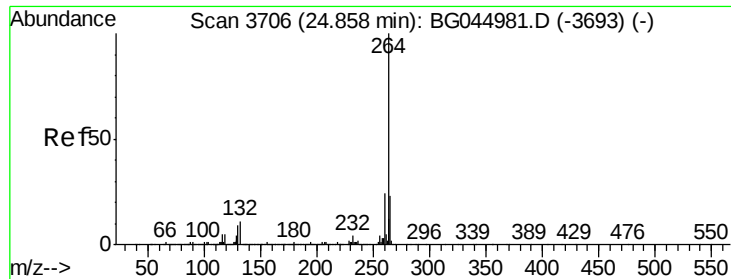
212 10.5 7.9 11.9

122 10.8 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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	19.0	28.4

