

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045179.D
 Acq On : 27 Apr 2020 15:15
 Operator : CG/JU
 Sample : L2399-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-B

Quant Time: Apr 27 15:51:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

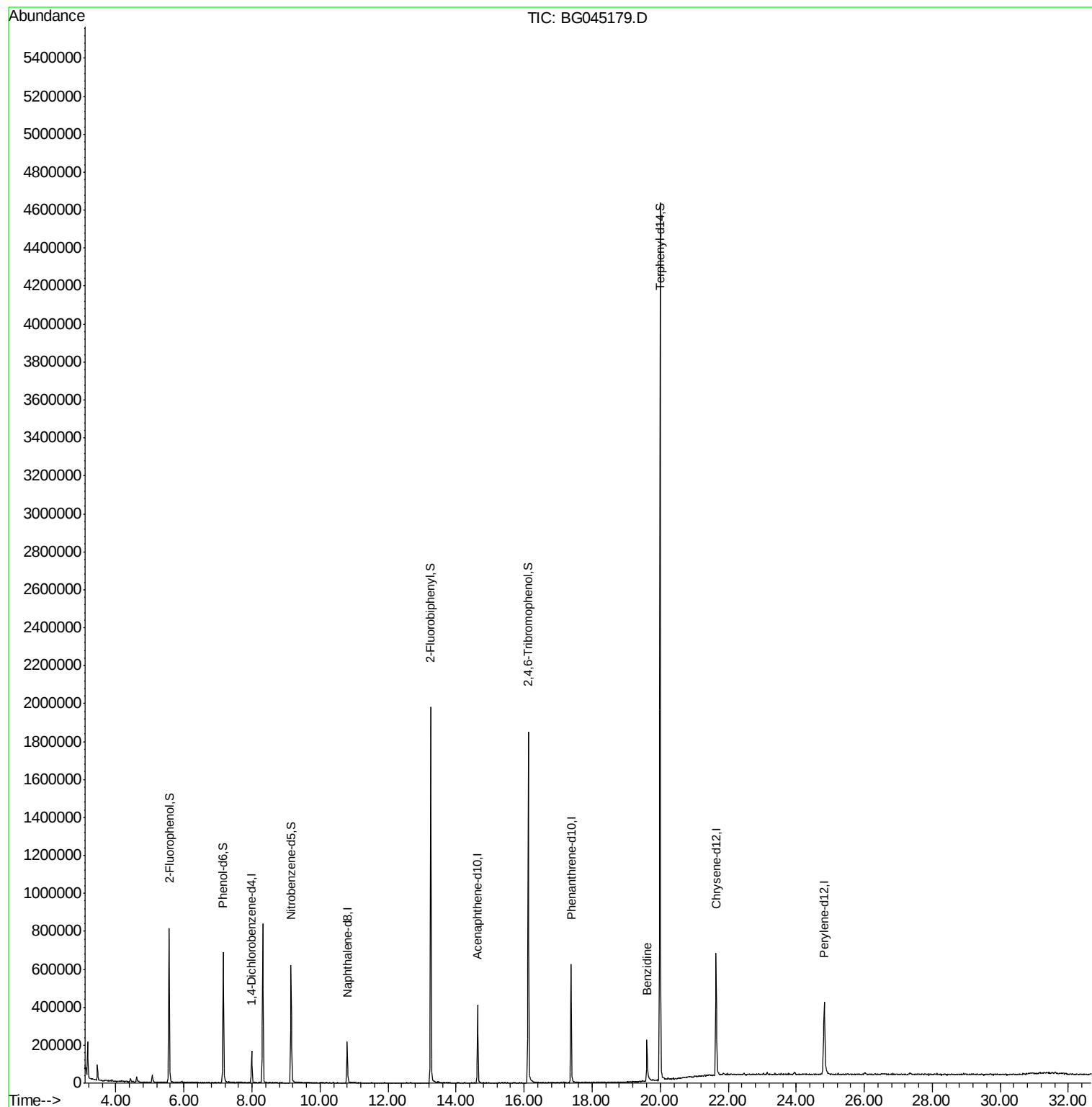
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	52289	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	203192	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	165188	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	432421	20.00	ng	0.00
76) Chrysene-d12	21.65	240	434013	20.00	ng	0.00
87) Perylene-d12	24.82	264	462323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	404559	127.73	ng	0.00
7) Phenol-d6	7.16	99	501394	106.55	ng	0.00
23) Nitrobenzene-d5	9.15	82	439821	98.77	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	405970	159.08	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1121488	99.55	ng	0.00
79) Terphenyl-d14	19.99	244	2234954	112.24	ng	0.00
Target Compounds						
77) Benzidine	19.61	184	185847	10.175	ng	Qvalue 95

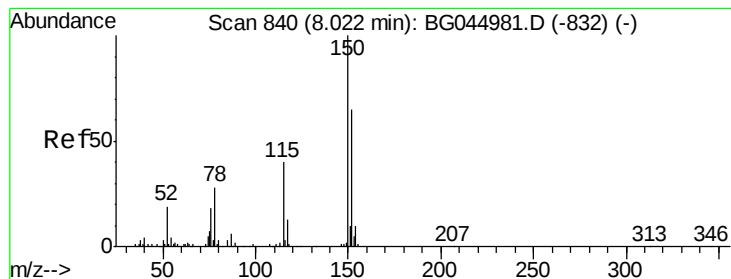
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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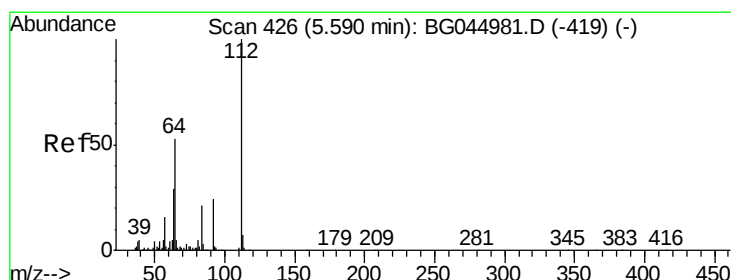
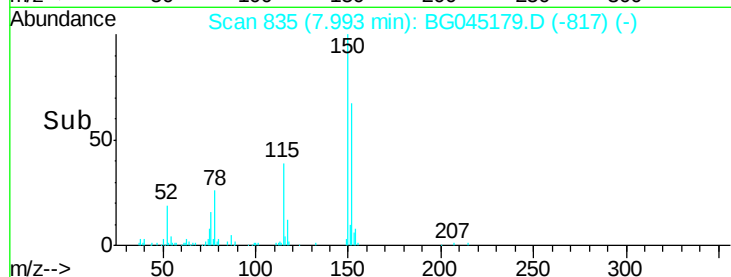
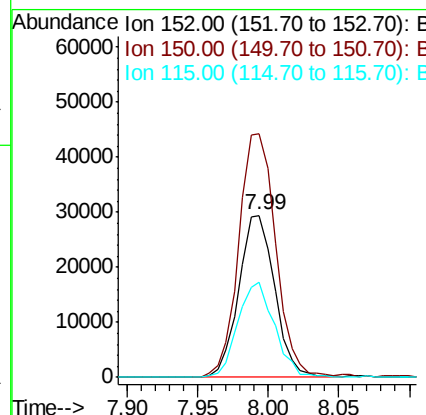
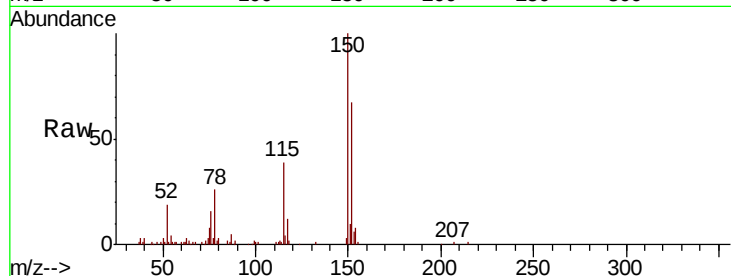


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG045179.D
Acq: 27 Apr 2020 15:15

Instrument :
BNA_G
ClientSampleId :
SP1-B

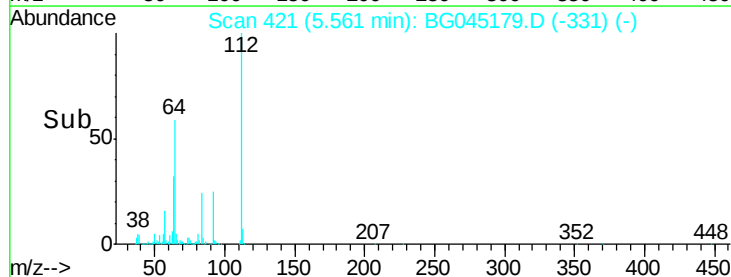
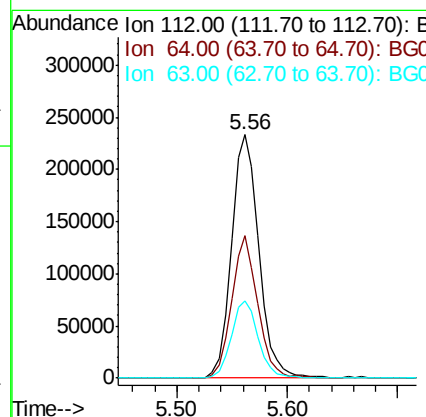
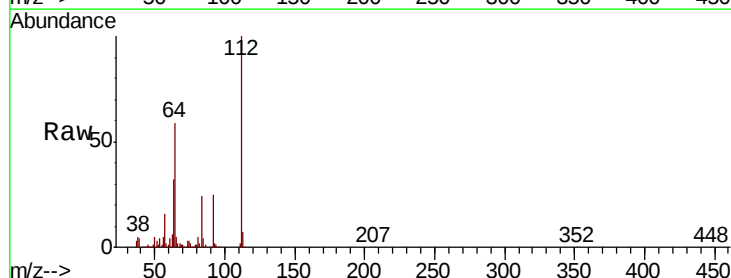
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.6	185.4
115	58.4	49.1	73.7



#5

2-Fluorophenol
Concen: 127.733 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045179.D
Acq: 27 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.4	63.6
63	31.6	23.1	34.7





#7

Phenol-d6

Concen: 106.551 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

Instrument :

BNA_G

ClientSampleId :

SP1-B

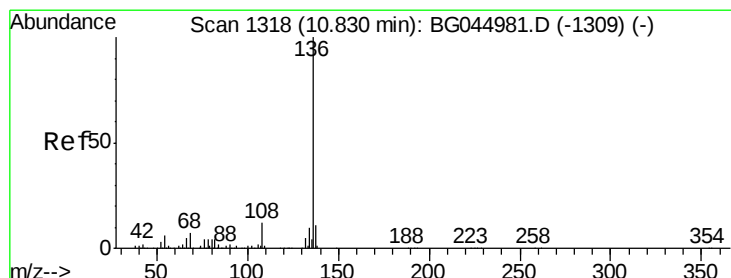
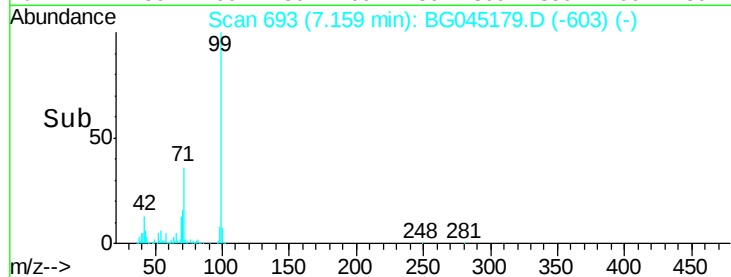
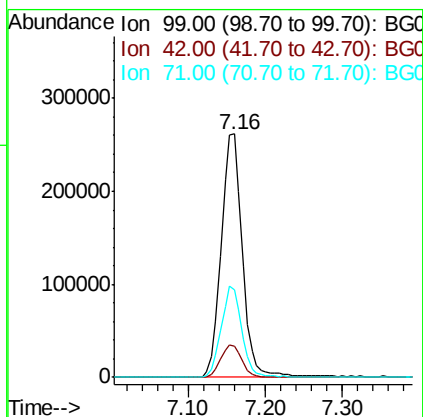
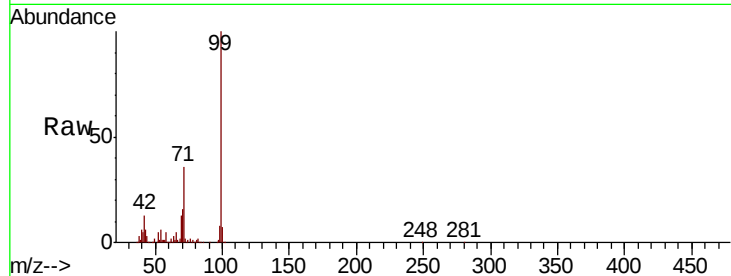
Tot Ion: 99 Resp: 501394

Ion Ratio Lower Upper

99 100

42 13.0 11.3 16.9

71 35.9 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

Tgt Ion: 136 Resp: 203192

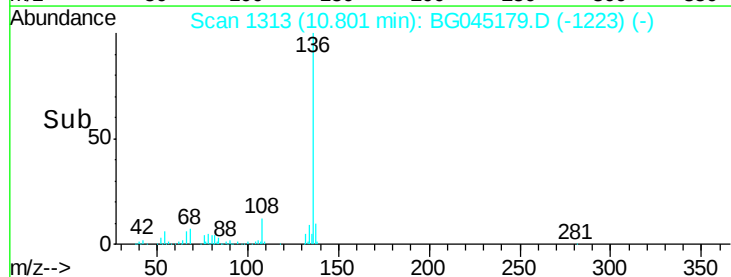
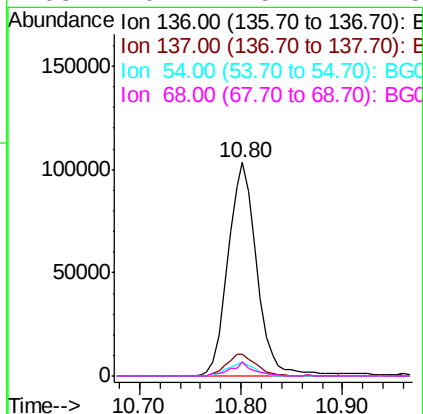
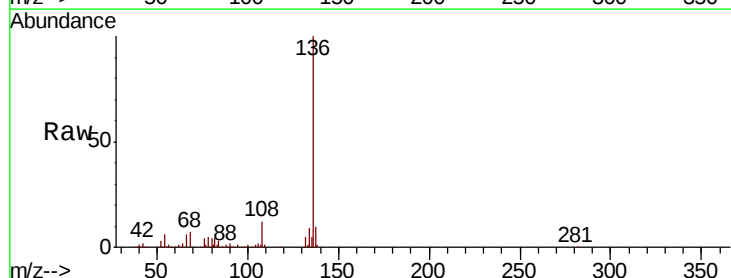
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.4 4.8 7.2

68 6.7 5.2 7.8

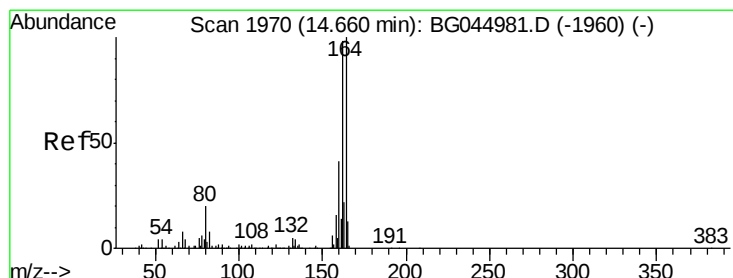
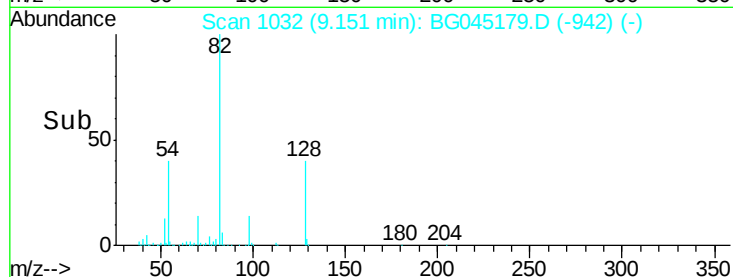
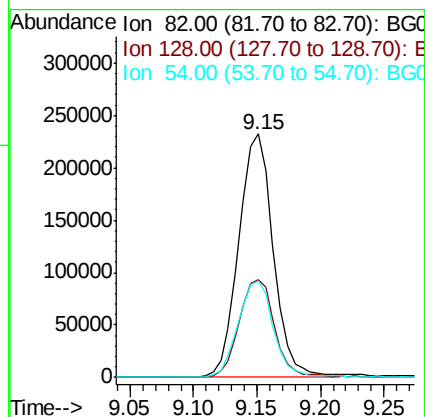
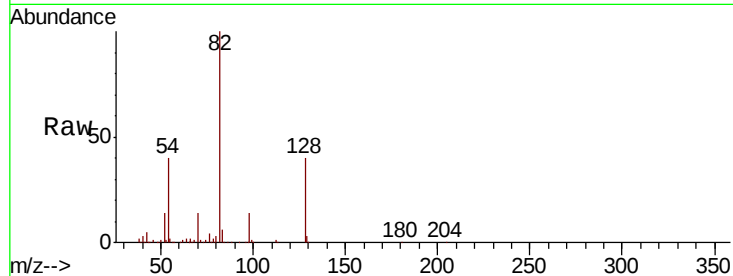




#23
Nitrobenzene-d5
Concen: 98.766 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045179.D
Acq: 27 Apr 2020 15:15

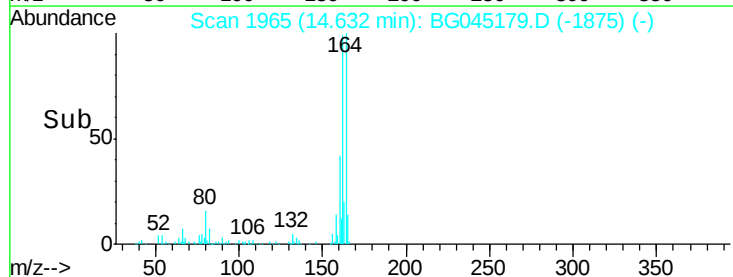
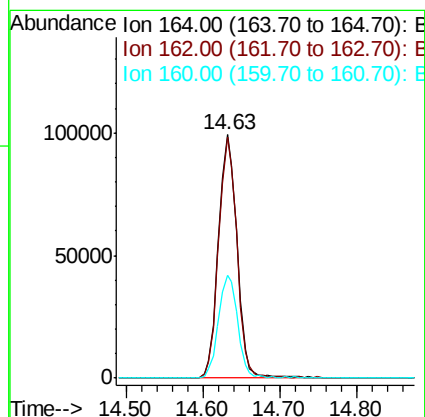
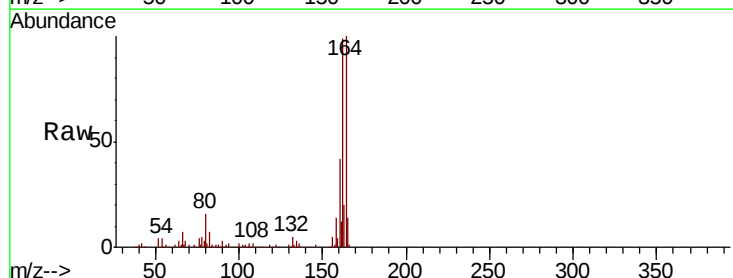
Instrument :
BNA_G
ClientSampleId :
SP1-B

Tot Ion	82	Resp	439821
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	39.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045179.D
Acq: 27 Apr 2020 15:15

Tgt Ion	164	Resp	165188
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.7	118.1
160	42.2	32.8	49.2

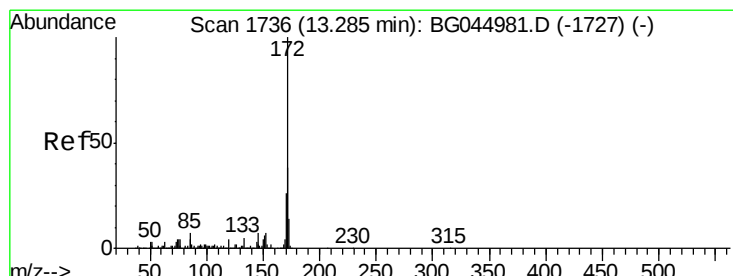
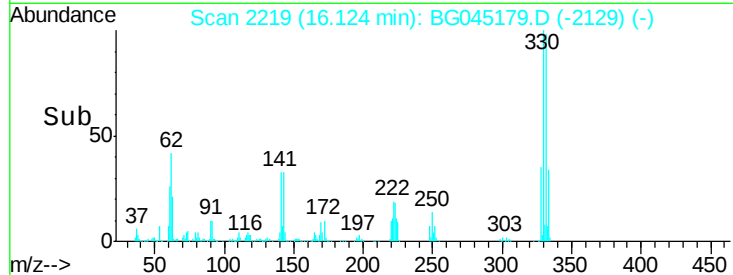
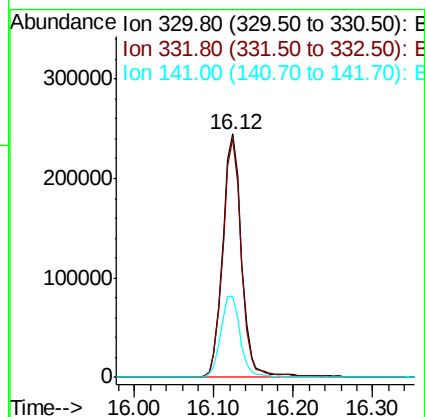
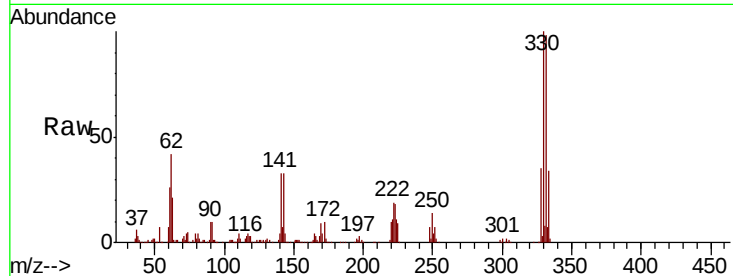




#42
 2,4,6-Tribromophenol
 Concen: 159.083 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045179.D
 Acq: 27 Apr 2020 15:15

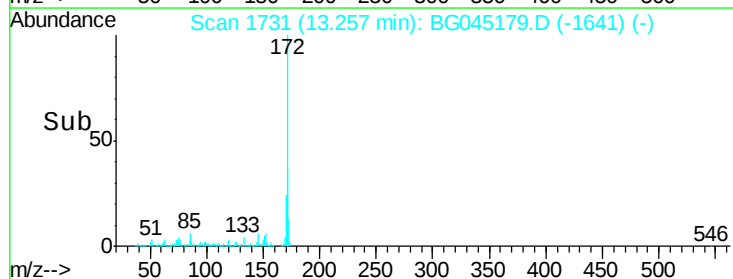
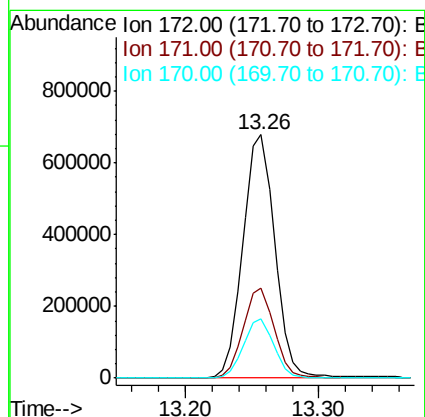
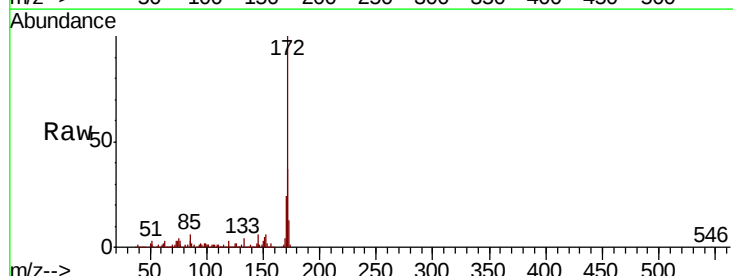
Instrument :
 BNA_G
 ClientSampleId :
 SP1-B

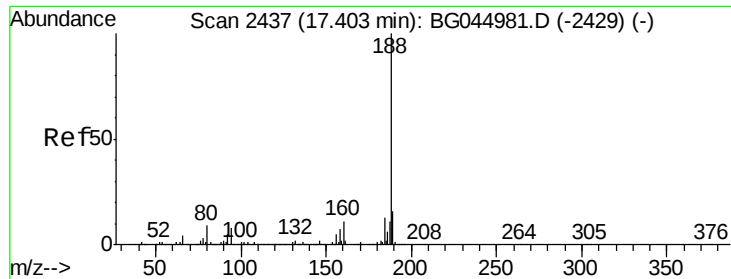
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	34.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 99.551 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045179.D
 Acq: 27 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.1	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

Instrument :

BNA_G

ClientSampleId :

SP1-B

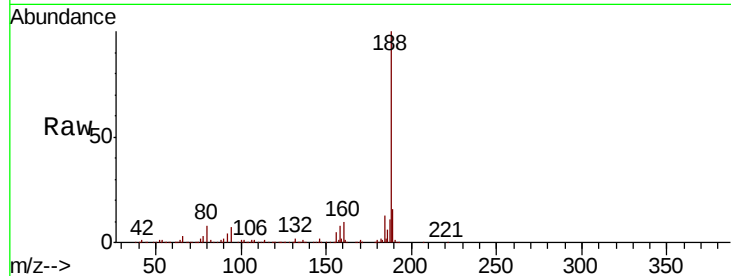
Tot Ion:188 Resp: 432421

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

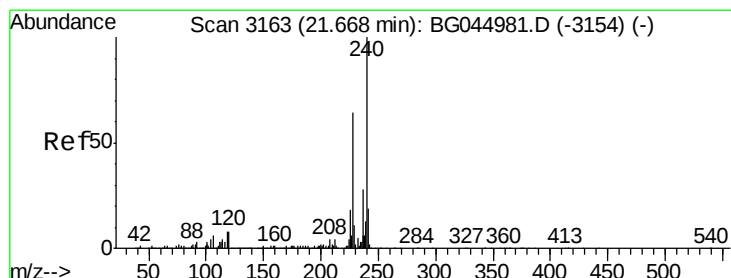
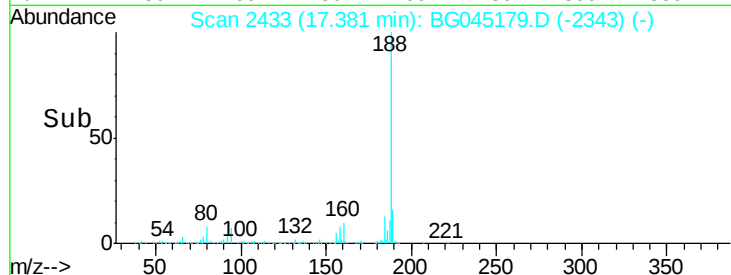
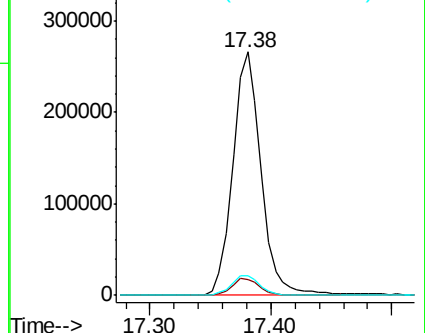
80 8.1 7.0 10.6



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: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

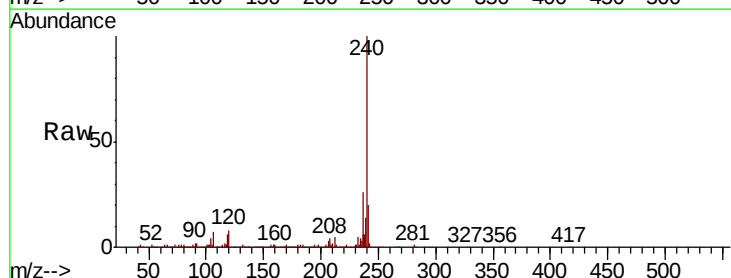
Tgt Ion:240 Resp: 434013

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

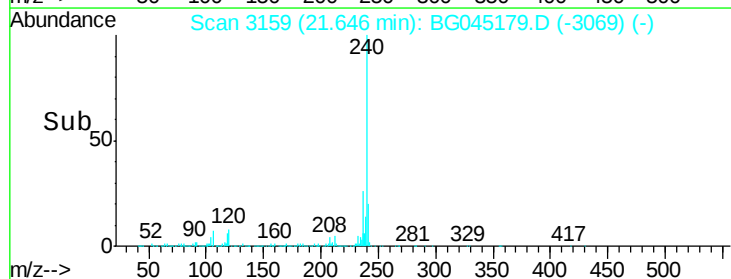
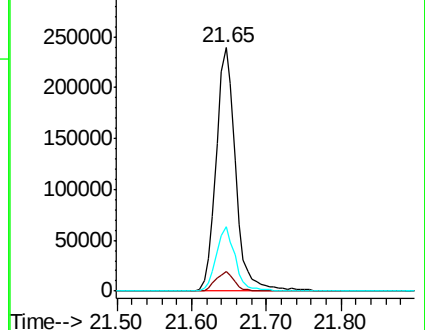
236 26.4 22.2 33.2

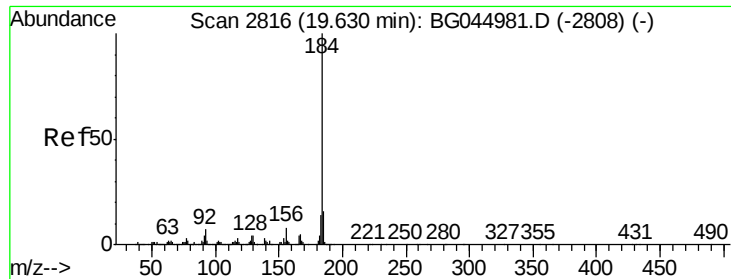


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.175 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

Instrument :

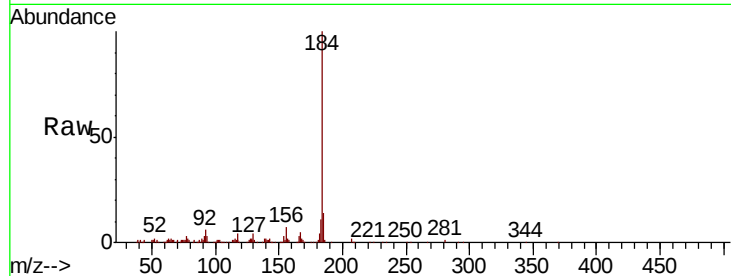
BNA_G

ClientSampleId :

SP1-B

Tot Ion:184 Resp: 185847

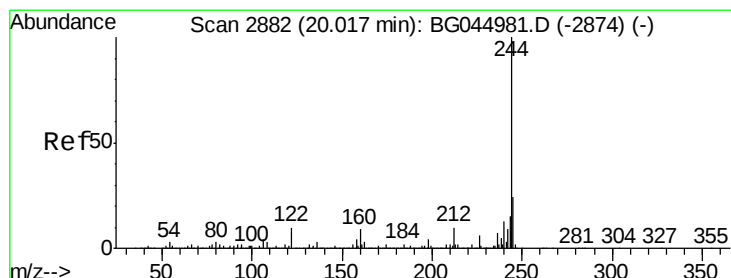
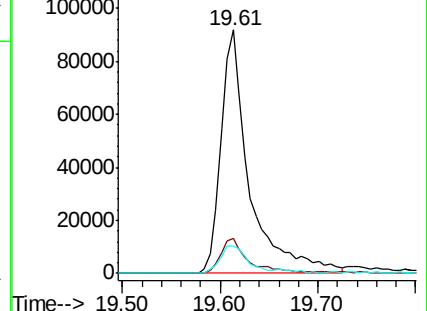
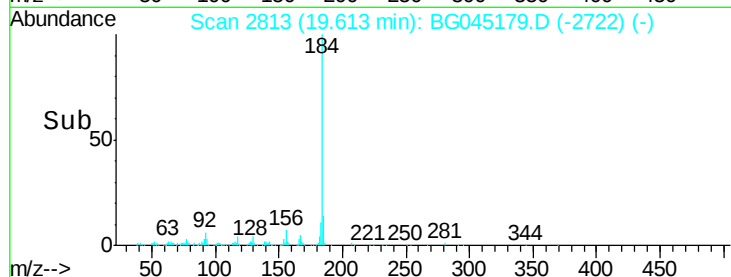
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	19.0
183	11.3	11.3	16.9



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: 112.237 ng

RT: 19.99 min Scan# 2878

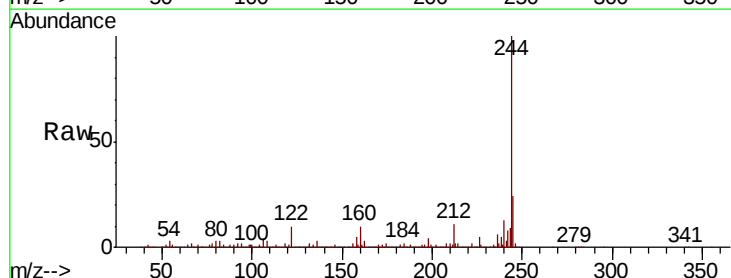
Delta R.T. -0.00 min

Lab File: BG045179.D

Acq: 27 Apr 2020 15:15

Tgt Ion:244 Resp: 2234954

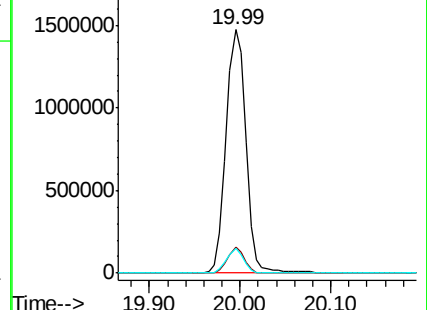
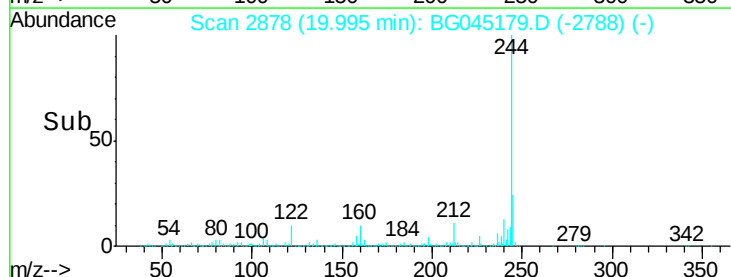
Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.9	11.9
122	10.0	7.7	11.5

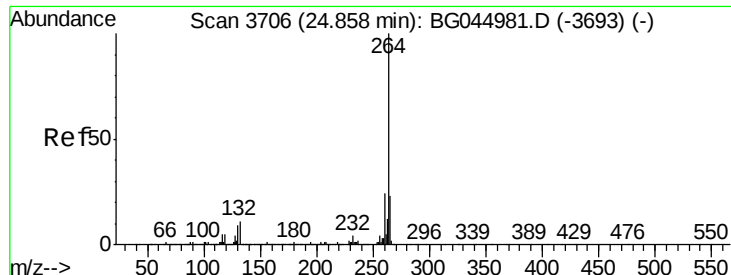


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG045179.D
Acq: 27 Apr 2020 15:15

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.5	19.0	28.4

