

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045117.D
 Acq On : 21 Apr 2020 18:38
 Operator : CG/JU
 Sample : L2327-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Apr 21 19:28:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62220	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	266296	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	204727	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	505236	20.00	ng	0.00
76) Chrysene-d12	21.66	240	494971	20.00	ng	-0.01
87) Perylene-d12	24.85	264	524870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	519254	137.78	ng	0.00
7) Phenol-d6	7.18	99	696025	124.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	615975	105.54	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	521851	165.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1480919	106.07	ng	0.00
79) Terphenyl-d14	20.01	244	2510815	110.56	ng	0.00

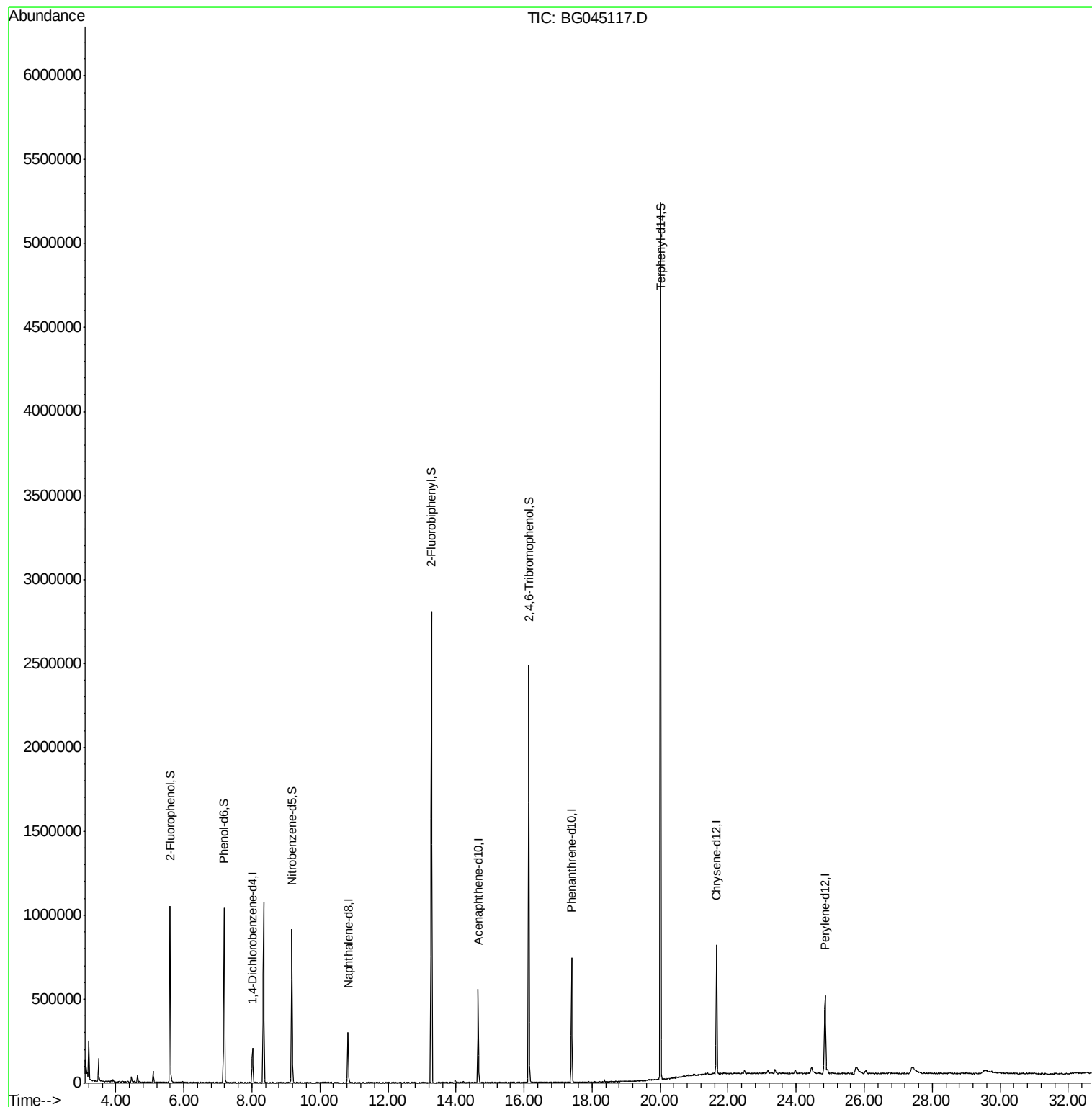
Target Compounds Qvalue

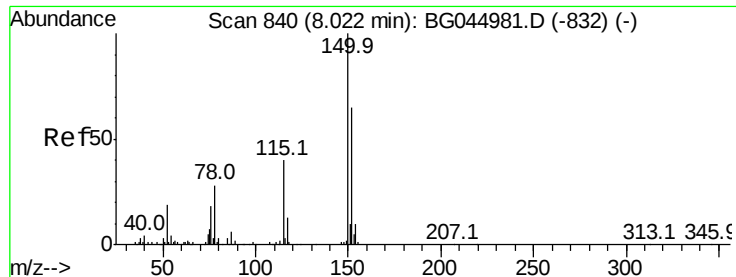
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG045117.D

Acq: 21 Apr 2020 18:38

Instrument :

BNA_G

ClientSampleId :

TP-2-S

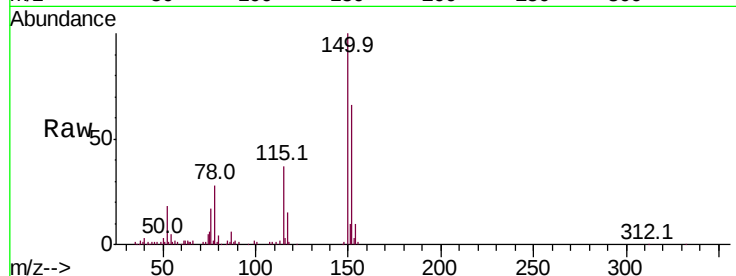
Tot Ion:152 Resp: 62220

Ion Ratio Lower Upper

152 100

150 151.0 123.6 185.4

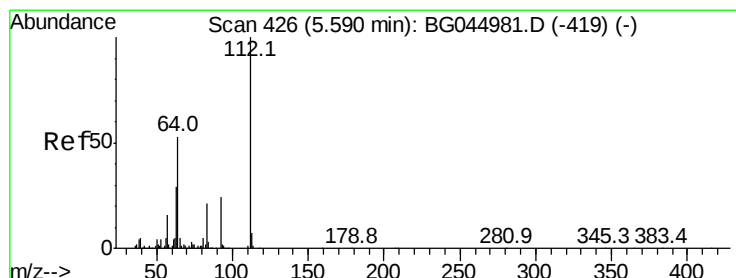
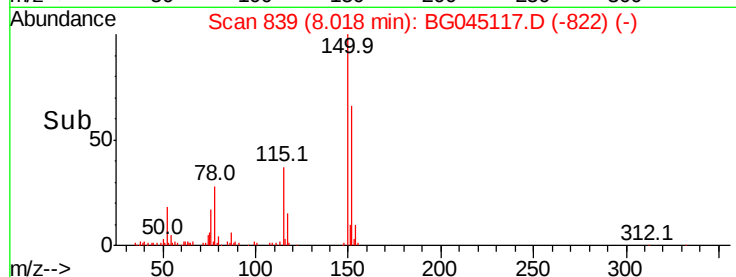
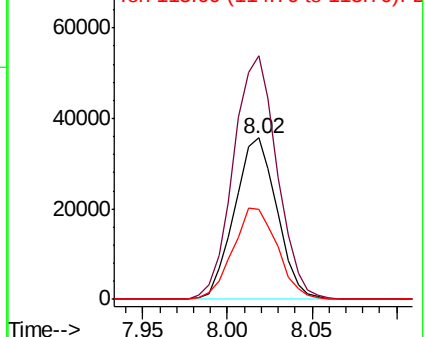
115 55.8 49.1 73.7



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: 137.779 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045117.D

Acq: 21 Apr 2020 18:38

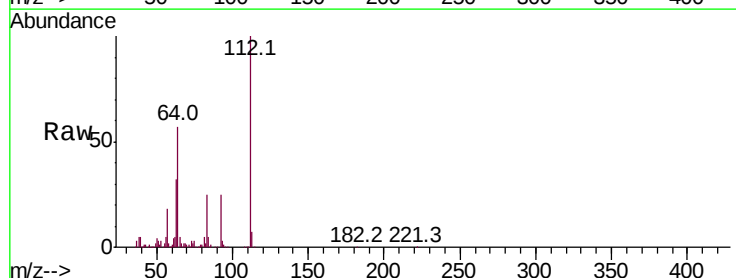
Tgt Ion:112 Resp: 519254

Ion Ratio Lower Upper

112 100

64 57.1 42.4 63.6

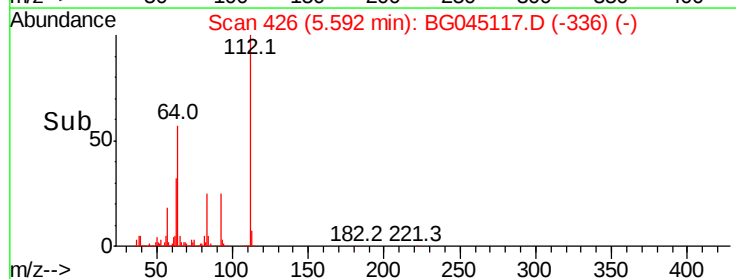
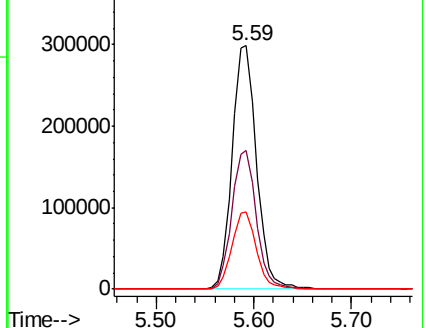
63 31.7 23.1 34.7

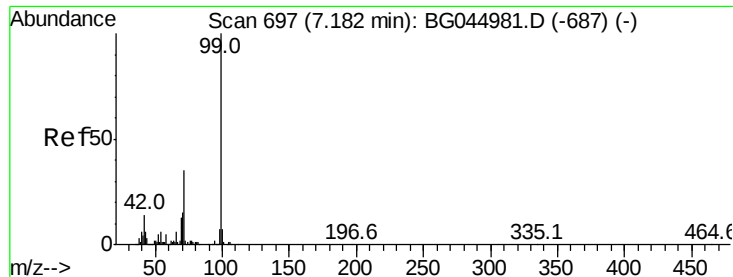


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.303 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045117.D

Acq: 21 Apr 2020 18:38

Instrument :

BNA_G

ClientSampled :

TP-2-S

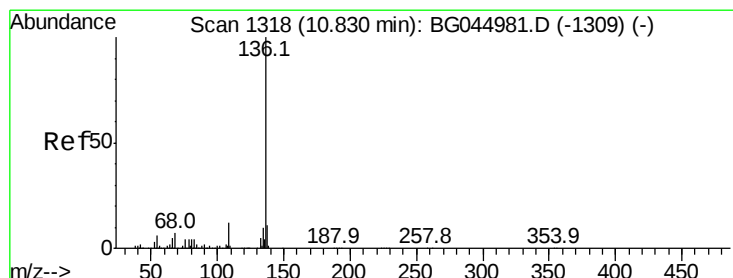
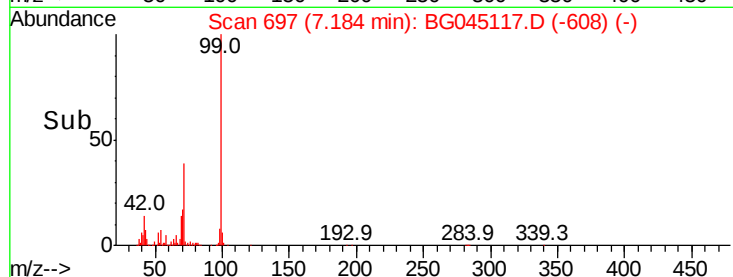
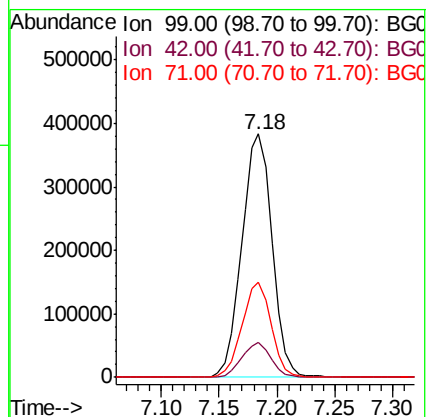
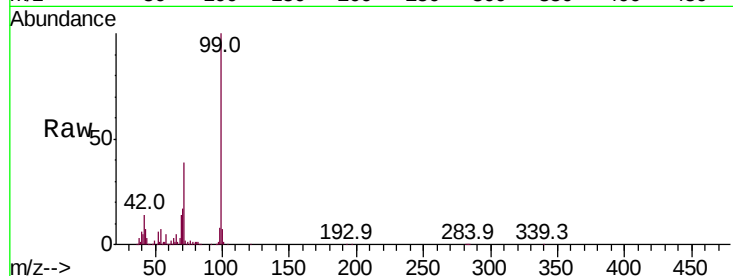
Tot Ion: 99 Resp: 696025

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 38.9 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG045117.D

Acq: 21 Apr 2020 18:38

Tgt Ion: 136 Resp: 266296

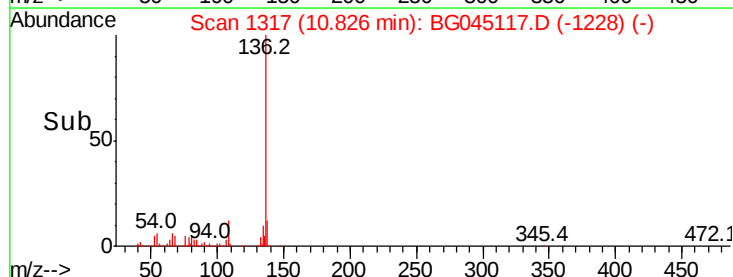
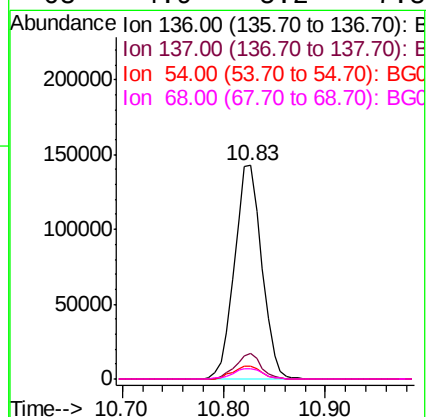
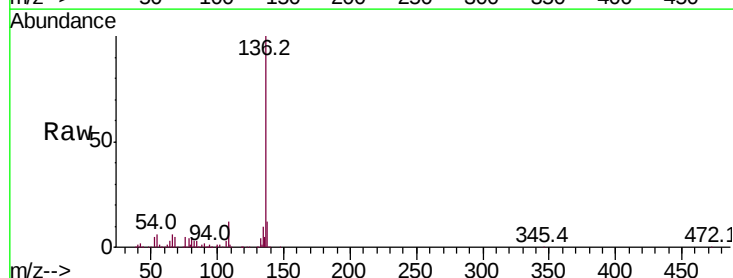
Ion Ratio Lower Upper

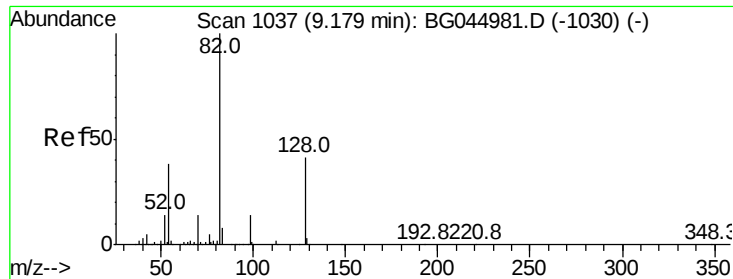
136 100

137 11.9 8.6 13.0

54 6.1 4.8 7.2

68 4.9 5.2 7.8#

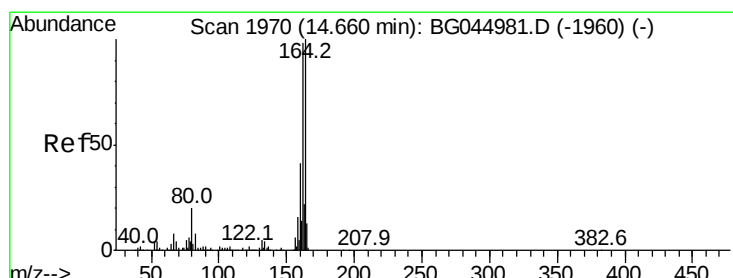
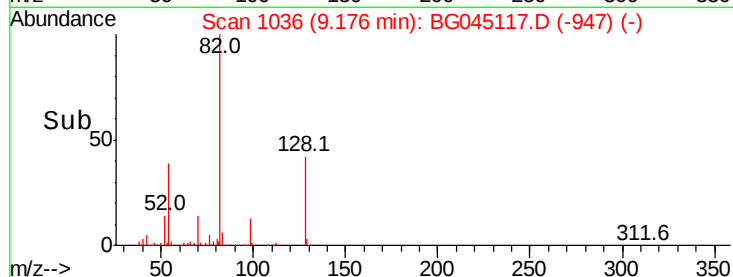
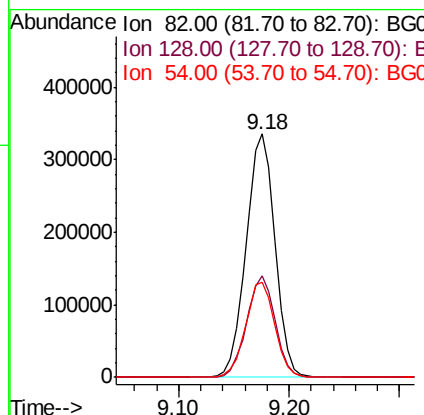
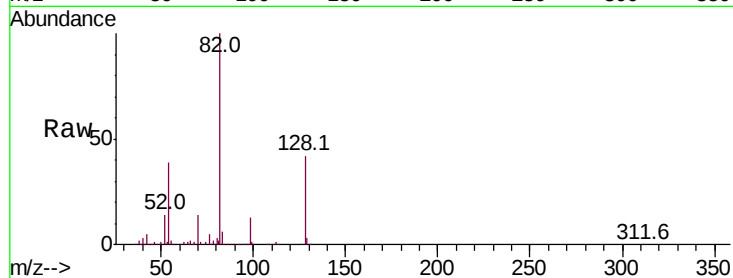




#23
 Nitrobenzene-d5
 Concen: 105.545 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

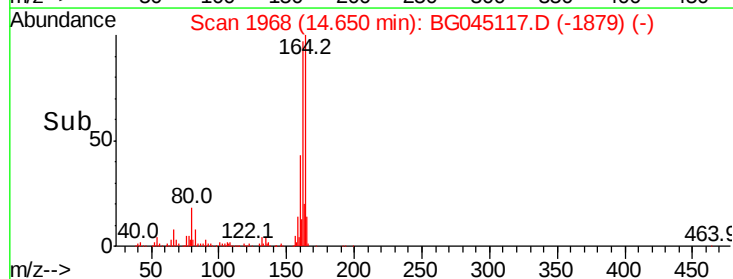
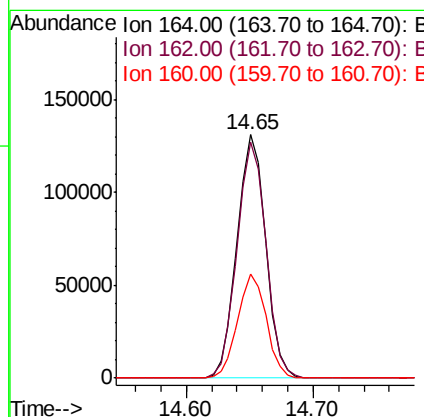
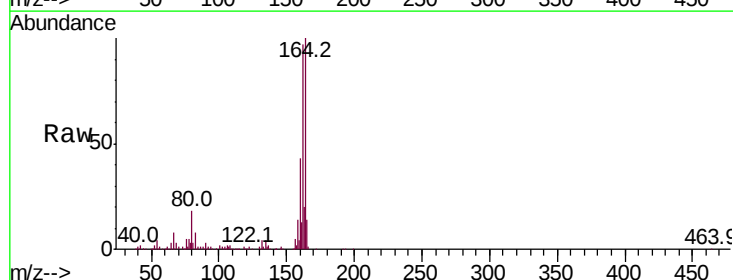
Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

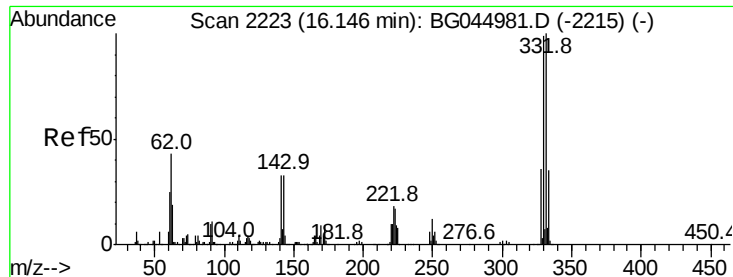
Tot Ion	82	Resp	615975
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	38.9	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

Tgt Ion	164	Resp	204727
Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	42.6	32.8	49.2

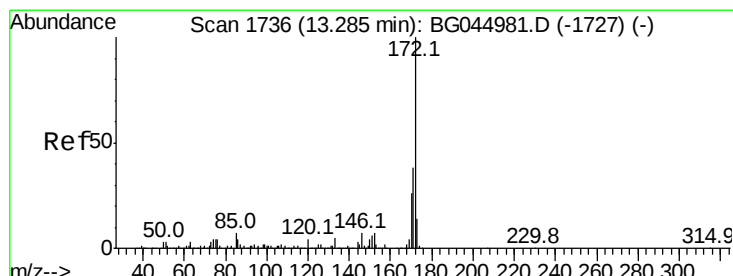
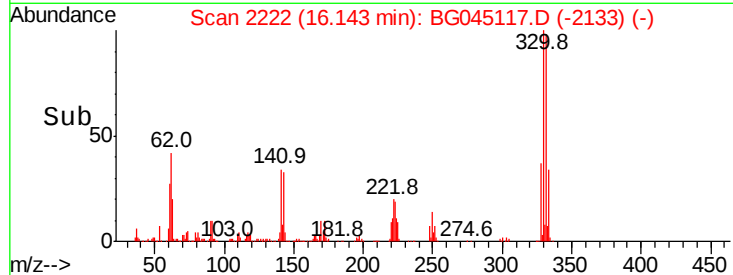
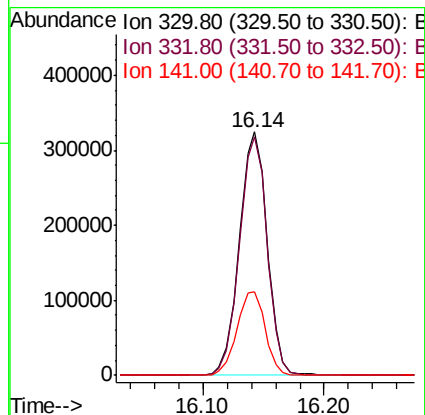
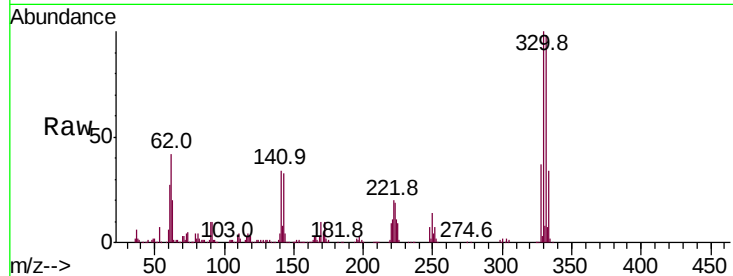




#42
 2,4,6-Tribromophenol
 Concen: 164.998 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

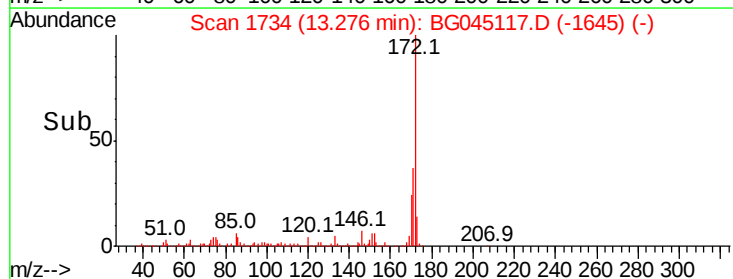
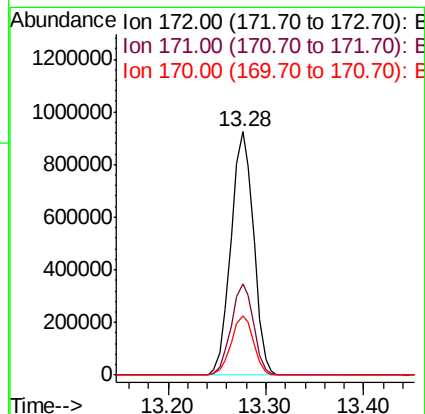
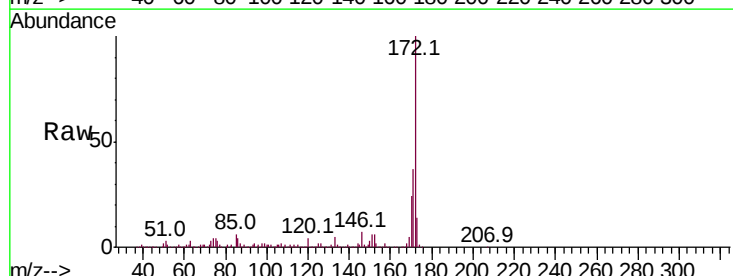
Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

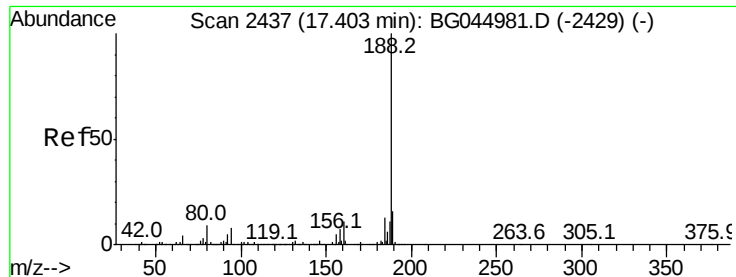
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 106.068 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.4	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: BG045117.D

Acq: 21 Apr 2020 18:38

Instrument :

BNA_G

ClientSampleId :

TP-2-S

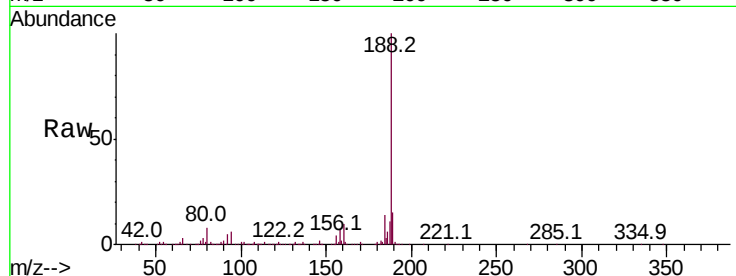
Tot Ion:188 Resp: 505236

Ion Ratio Lower Upper

188 100

94 6.0 6.2 9.4#

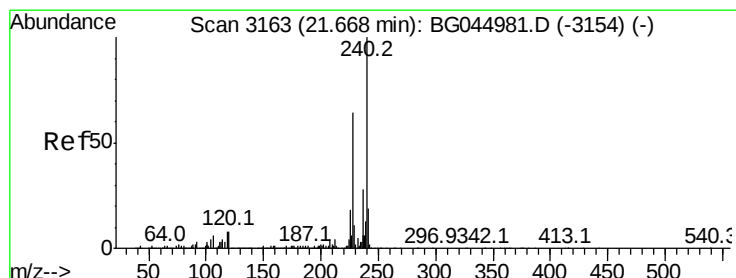
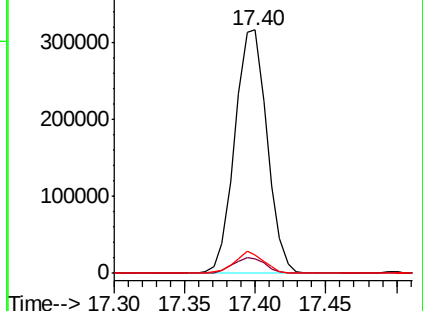
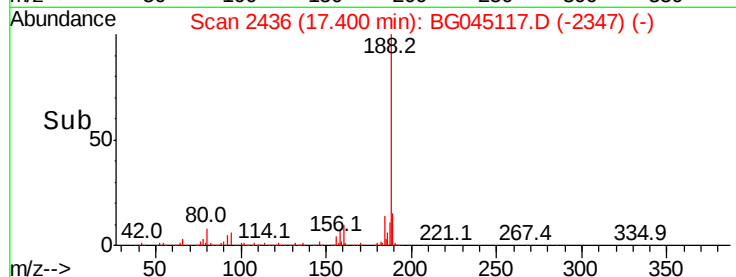
80 7.6 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045117.D

Acq: 21 Apr 2020 18:38

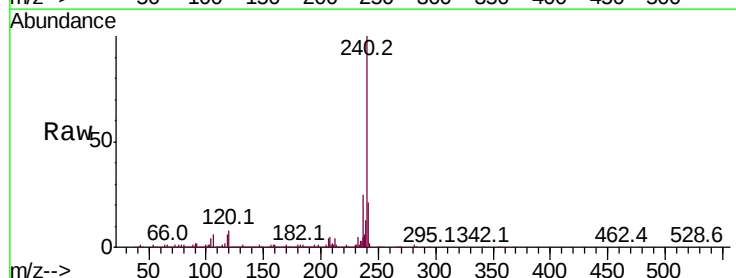
Tgt Ion:240 Resp: 494971

Ion Ratio Lower Upper

240 100

120 7.6 6.6 10.0

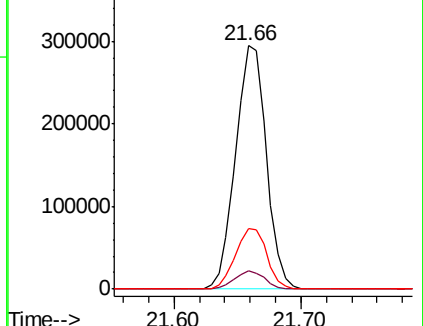
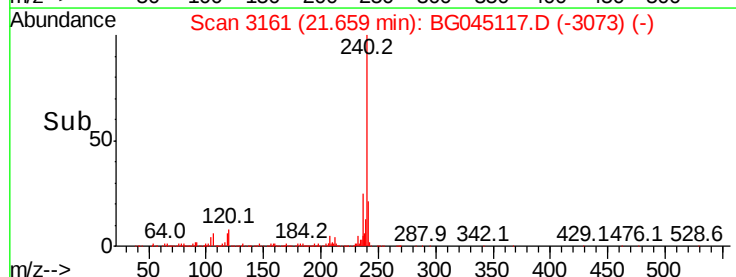
236 25.0 22.2 33.2

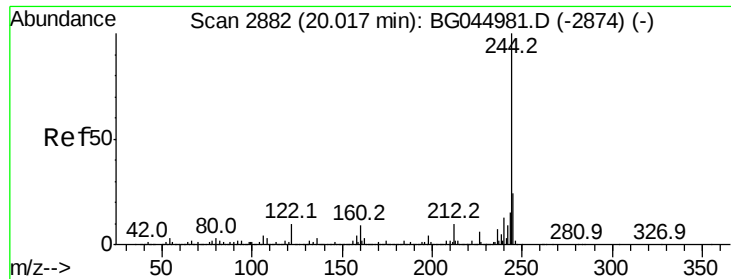


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



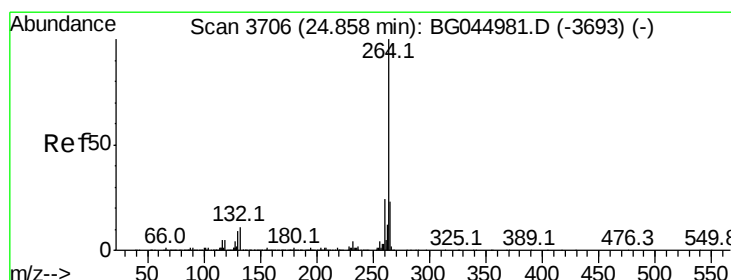
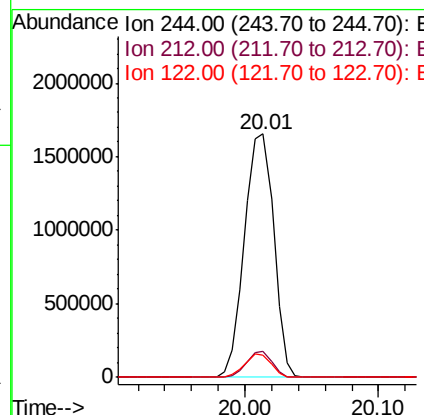
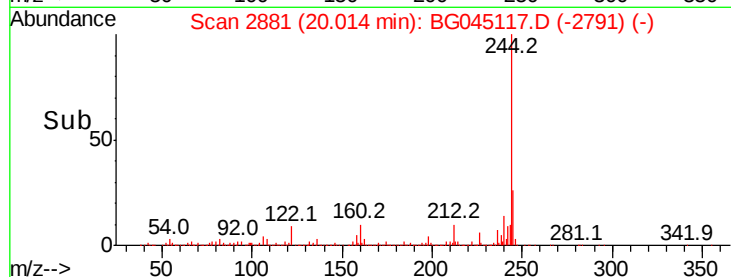
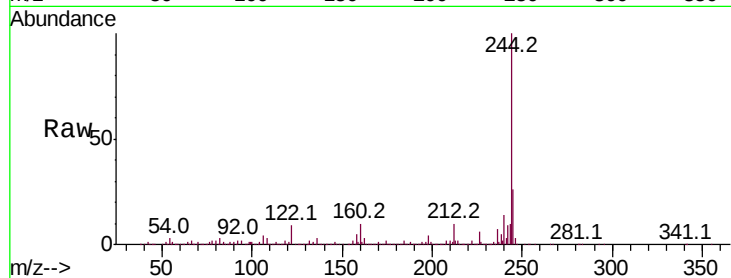


#79
 Terphenyl-d14
 Concen: 110.562 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Tot Ion:244 Resp: 2510815

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.9	11.9
122	9.4	7.7	11.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG045117.D
 Acq: 21 Apr 2020 18:38

Tgt Ion:264 Resp: 524870

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.9	19.0	28.4

