

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045243.D
 Acq On : 4 May 2020 21:14
 Operator : CG/JU
 Sample : L2122-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

Quant Time: May 05 02:13:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	97433	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	382121	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	258482	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	532212	20.00	ng	0.00
76) Chrysene-d12	21.65	240	445155	20.00	ng	0.00
87) Perylene-d12	24.83	264	489345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	47254	8.01	ng	0.00
7) Phenol-d6	7.16	99	67854	7.74	ng	0.00
23) Nitrobenzene-d5	9.15	82	46086	5.50	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	29168	7.30	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	117263	6.65	ng	0.00
79) Terphenyl-d14	19.99	244	167888	8.22	ng	0.00

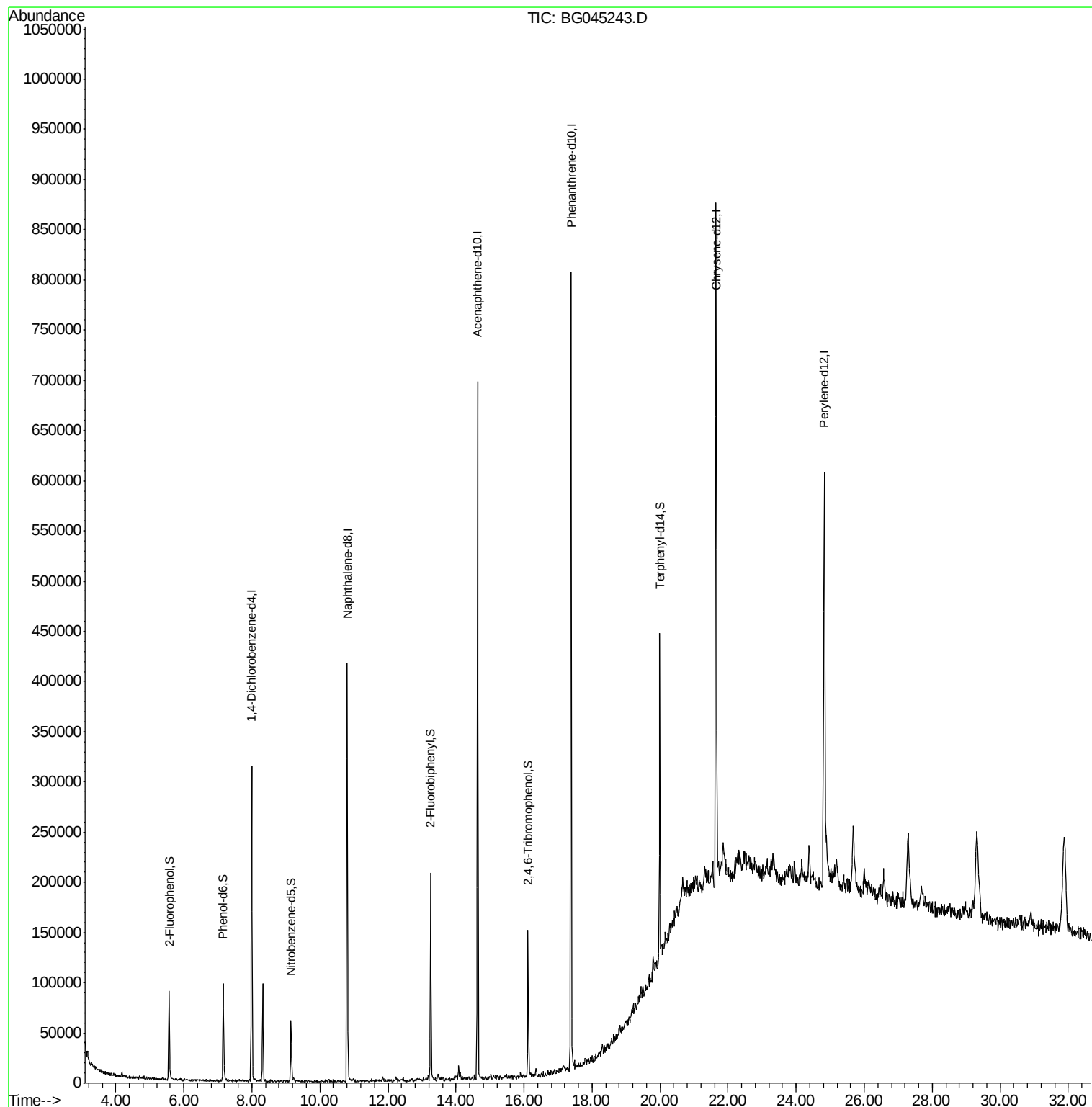
Target Compounds Qvalue

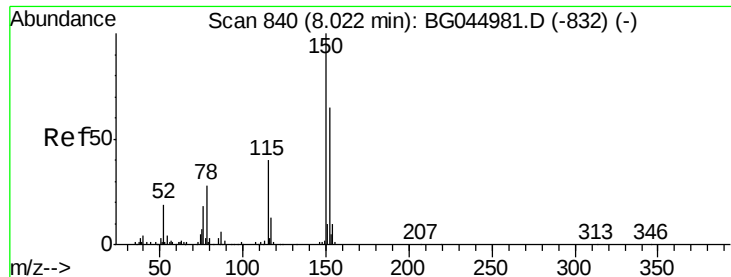
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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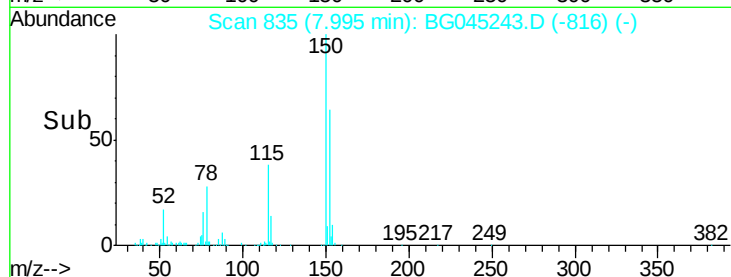
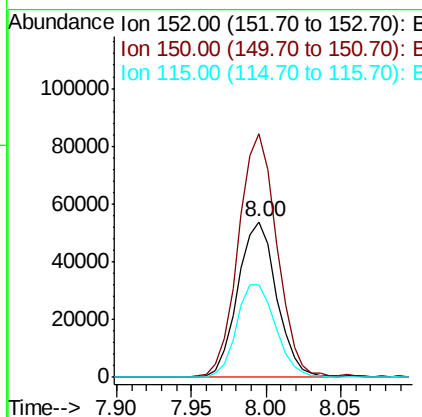
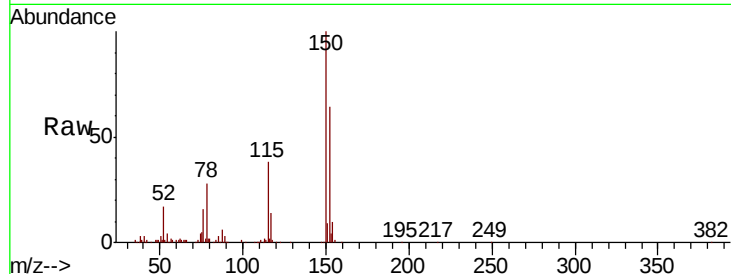


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BG045243.D
 Acq: 4 May 2020 21:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

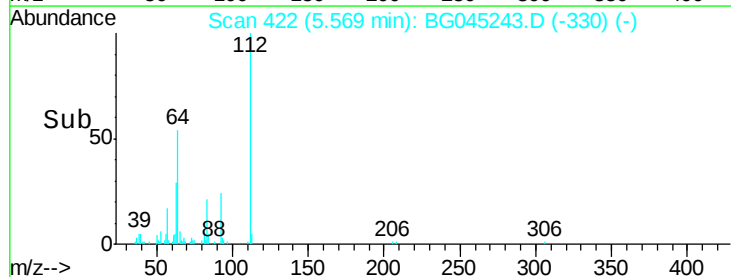
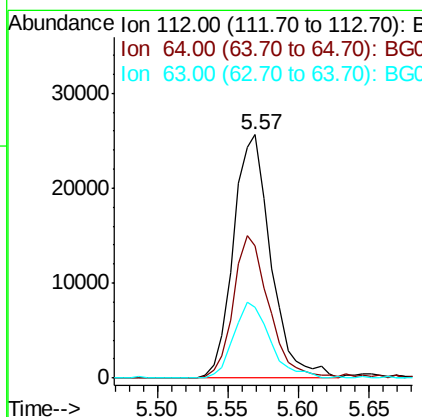
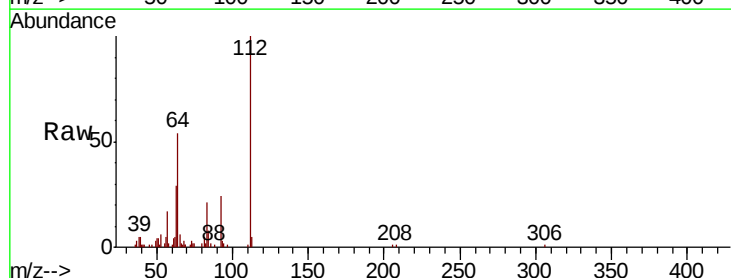
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.6	185.4
115	59.2	49.1	73.7

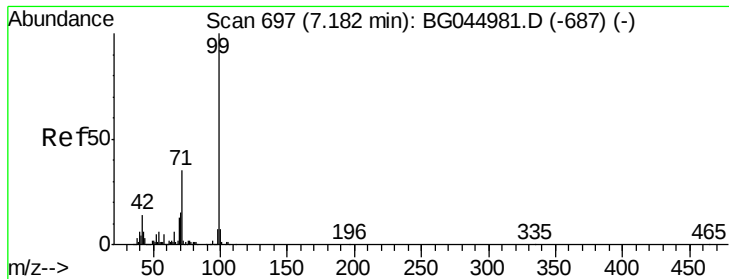


#5

2-Fluorophenol
 Concen: 8.007 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG045243.D
 Acq: 4 May 2020 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.4	63.6
63	29.2	23.1	34.7





#7

Phenol-d6

Concen: 7.738 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045243.D

Acq: 4 May 2020 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

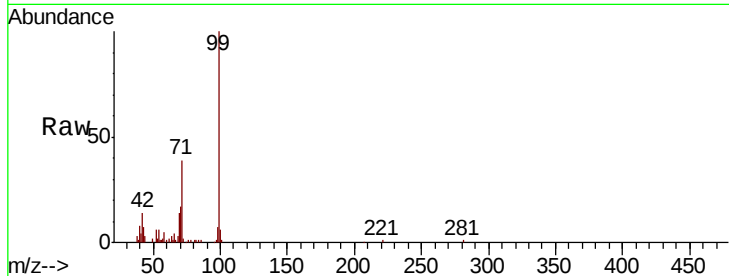
Tot Ion: 99 Resp: 67854

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 39.0 28.3 42.5

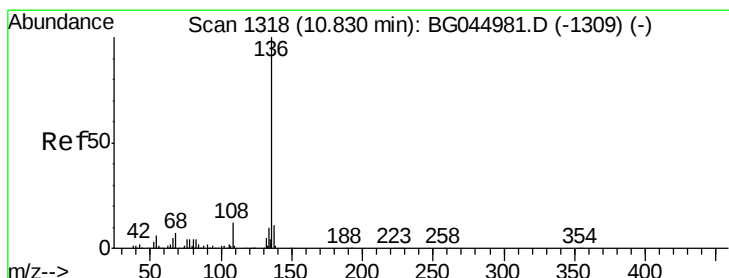
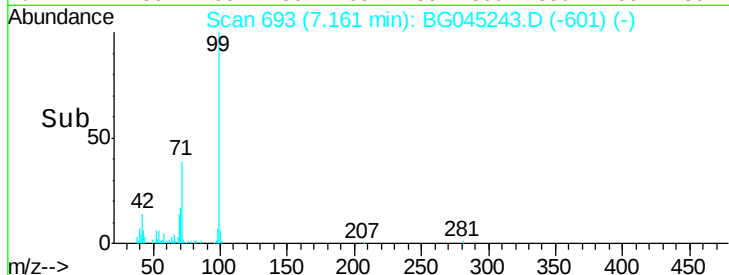
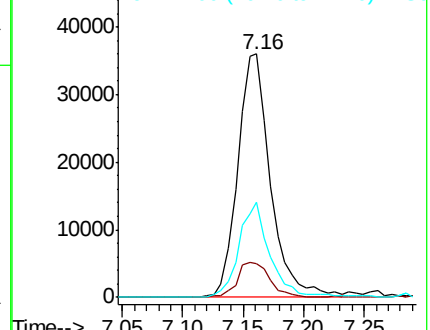


Abundance

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: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045243.D

Acq: 4 May 2020 21:14

Tgt Ion: 136 Resp: 382121

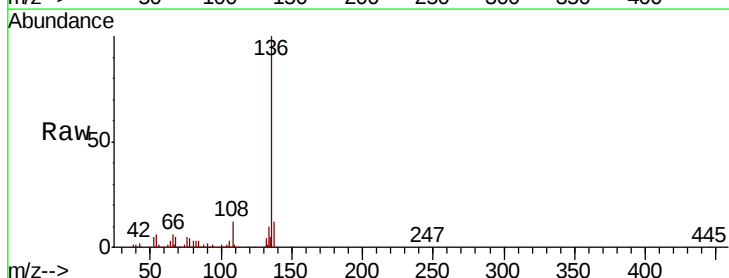
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 6.1 4.8 7.2

68 5.2 5.2 7.8



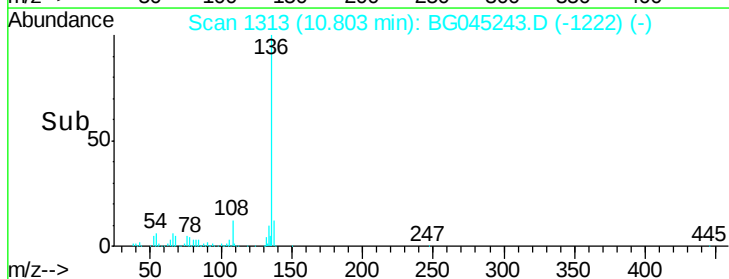
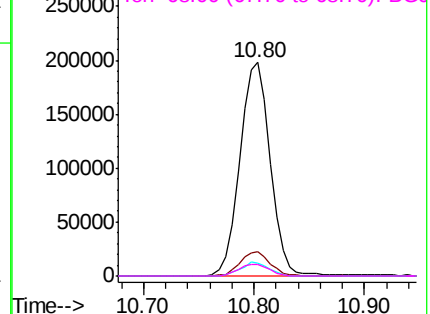
Abundance

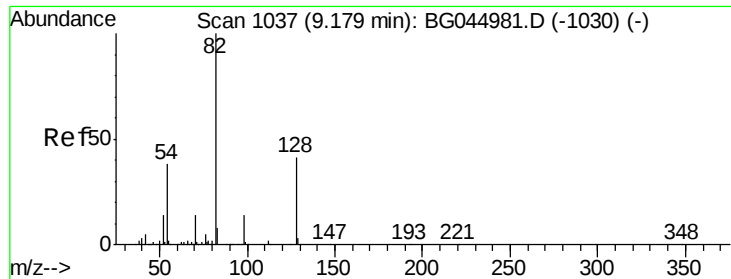
Ion 136.00 (135.70 to 136.70): BGC

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

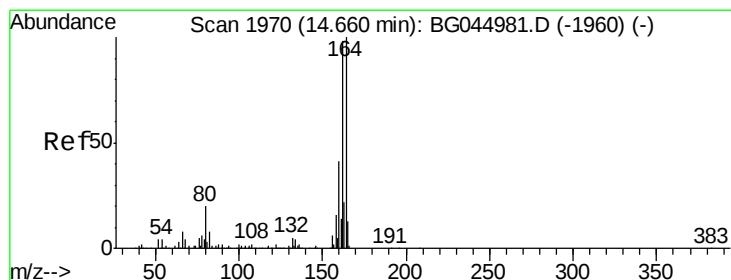
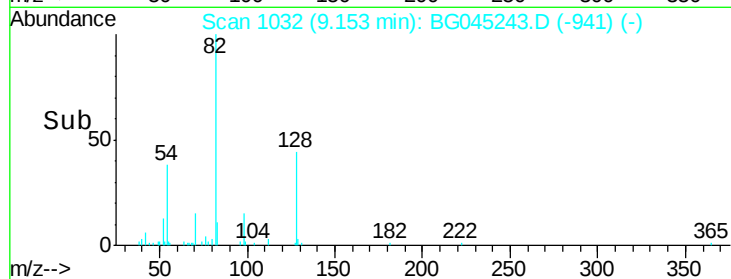
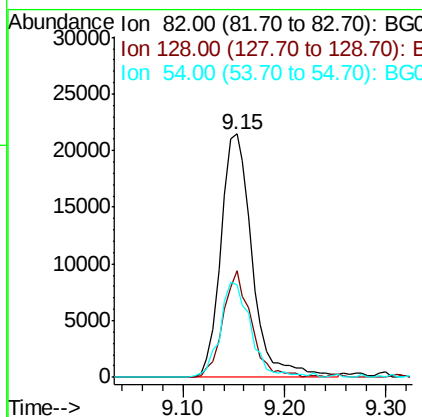
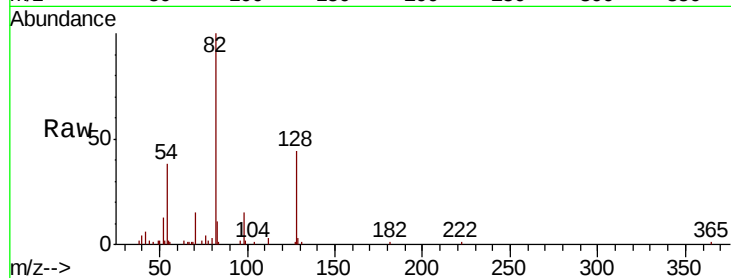




#23
Nitrobenzene-d5
Concen: 5.503 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045243.D
Acq: 4 May 2020 21:14

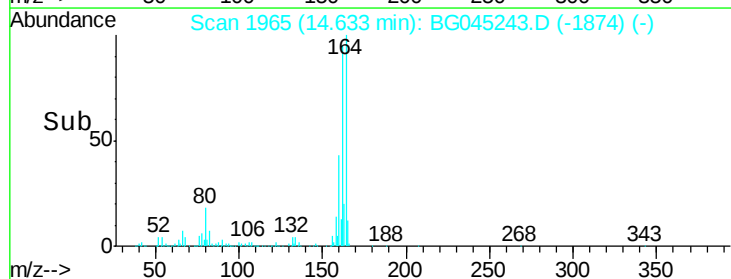
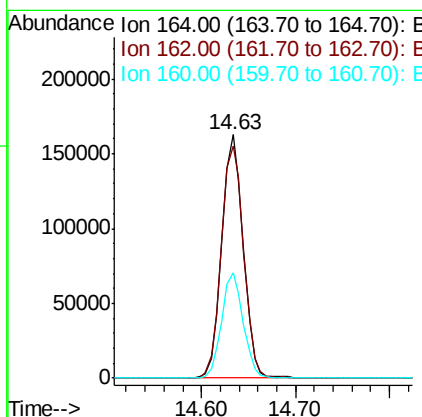
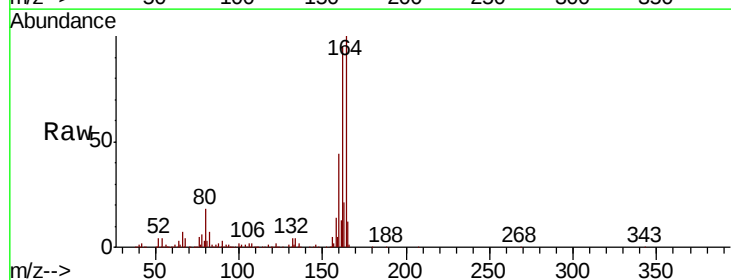
Instrument :
BNA_G
ClientSampleId :
SU-03-043020

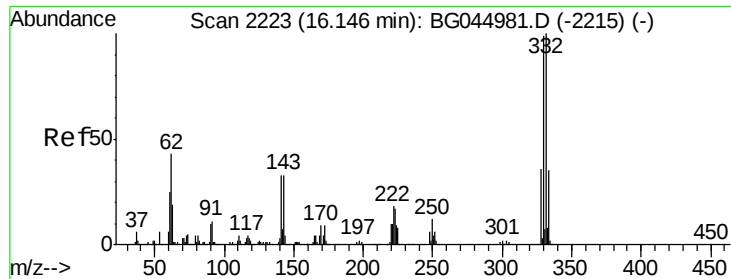
Tot Ion	82	Resp	46086
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.0	49.4
54	37.9	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045243.D
Acq: 4 May 2020 21:14

Tgt Ion	164	Resp	258482
Ion Ratio	Lower	Upper	
164	100		
162	95.4	78.7	118.1
160	43.5	32.8	49.2

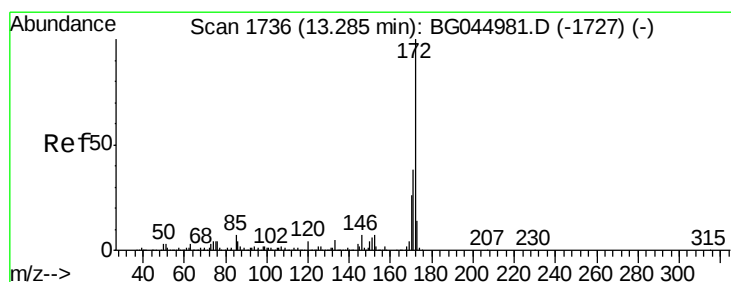
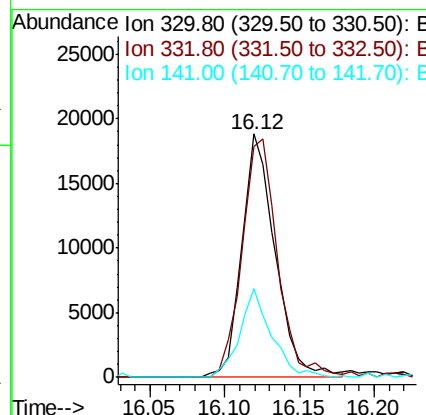
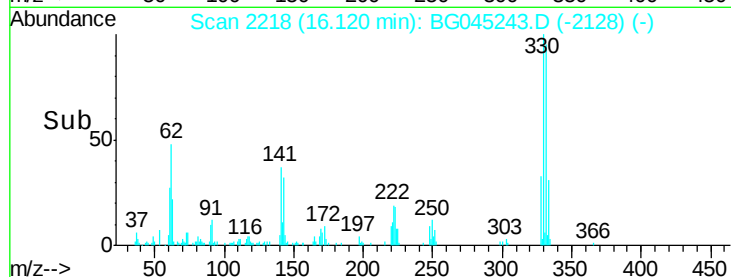
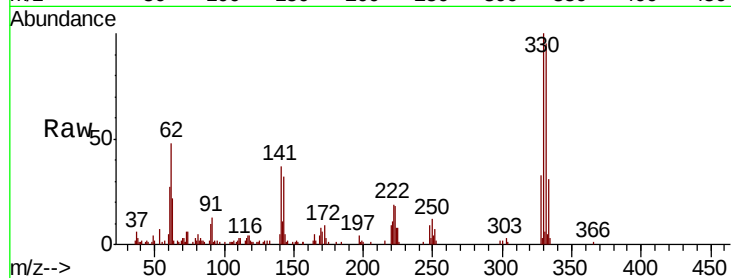




#42
 2,4,6-Tribromophenol
 Concen: 7.304 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045243.D
 Acq: 4 May 2020 21:14

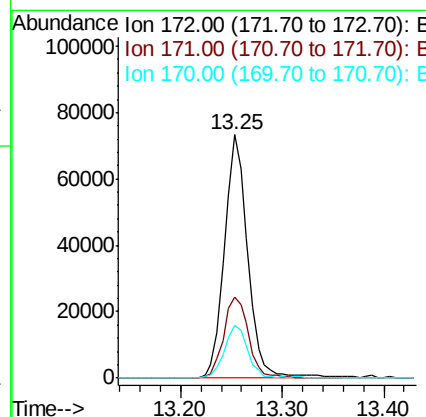
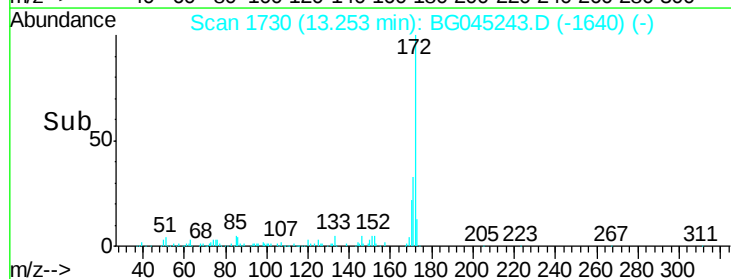
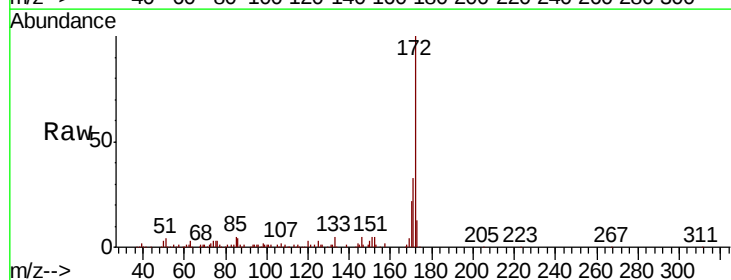
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

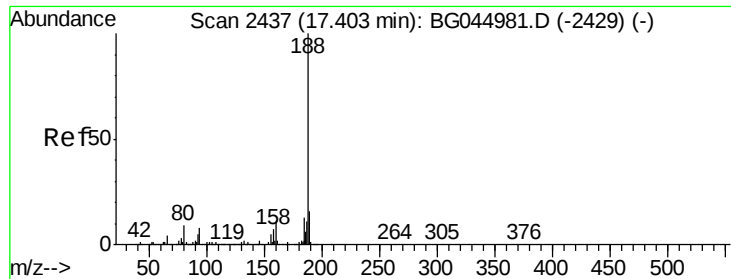
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.1	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 6.652 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045243.D
 Acq: 4 May 2020 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.6	46.0
170	21.5	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: BG045243.D

Acq: 4 May 2020 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

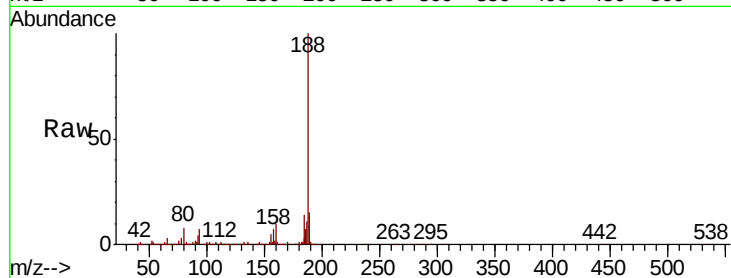
Tot Ion:188 Resp: 532212

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

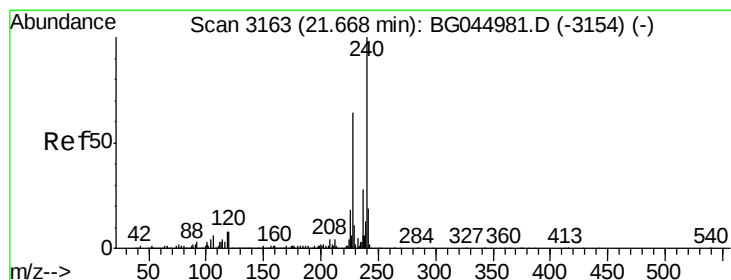
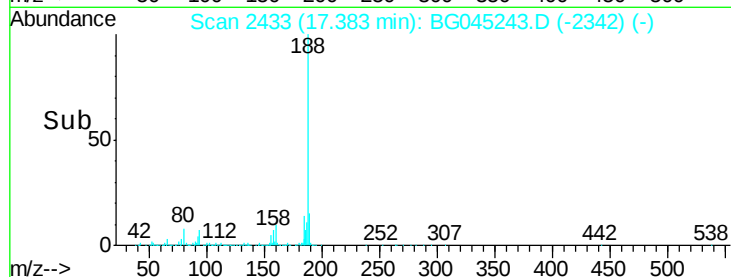
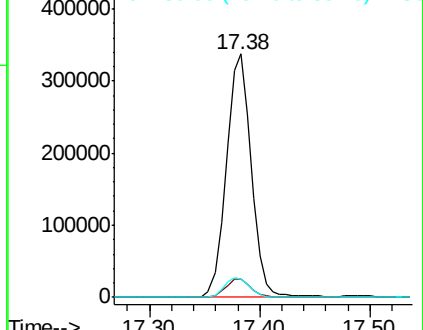
80 7.7 7.0 10.6



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: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045243.D

Acq: 4 May 2020 21:14

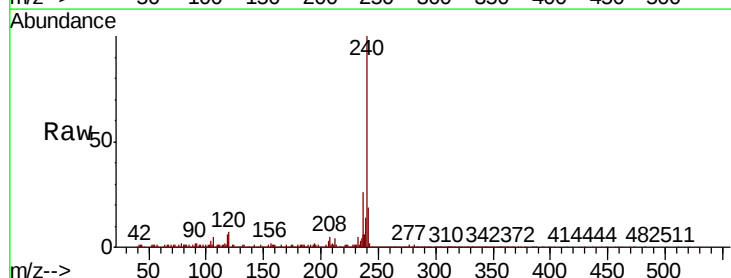
Tgt Ion:240 Resp: 445155

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

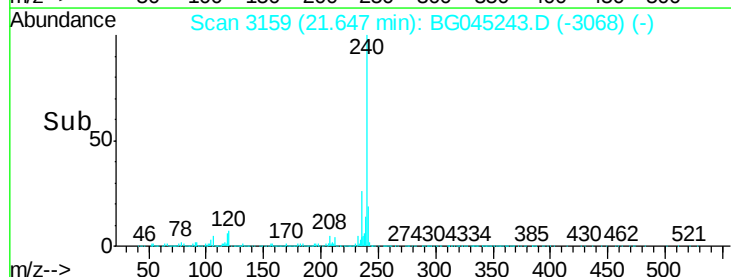
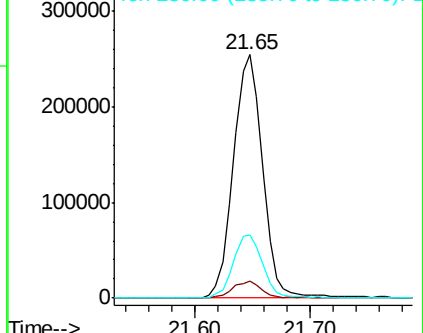
236 25.7 22.2 33.2

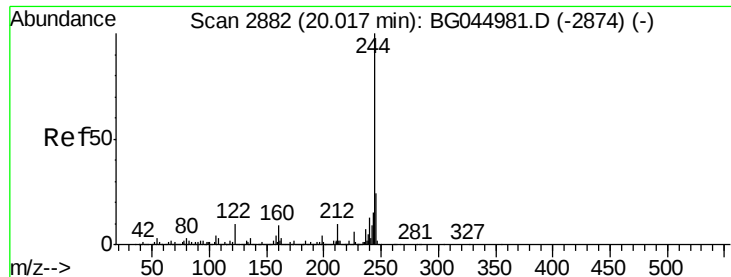


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.220 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045243.D

Acq: 4 May 2020 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

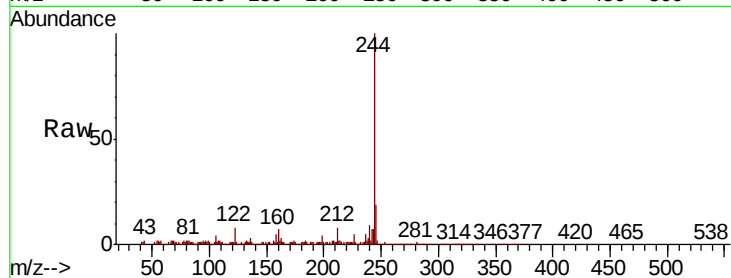
Tot Ion:244 Resp: 167888

Ion Ratio Lower Upper

244 100

212 8.5 7.9 11.9

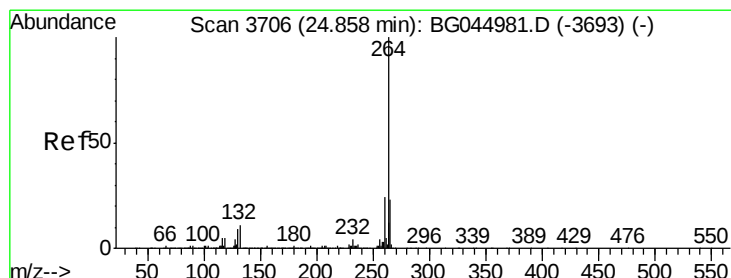
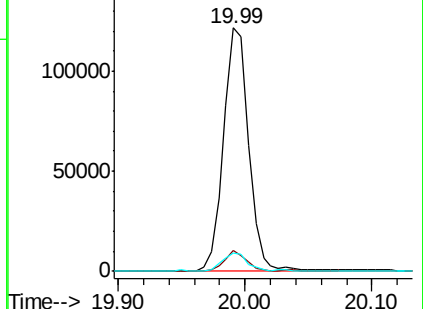
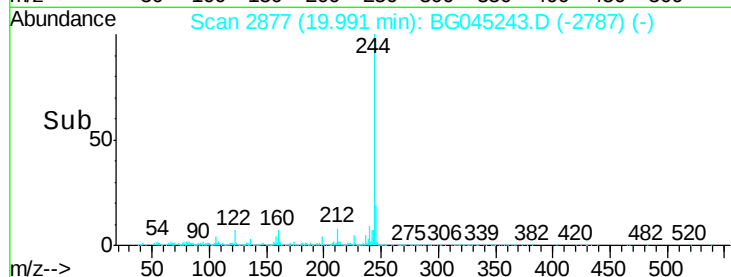
122 7.8 7.7 11.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG045243.D

Acq: 4 May 2020 21:14

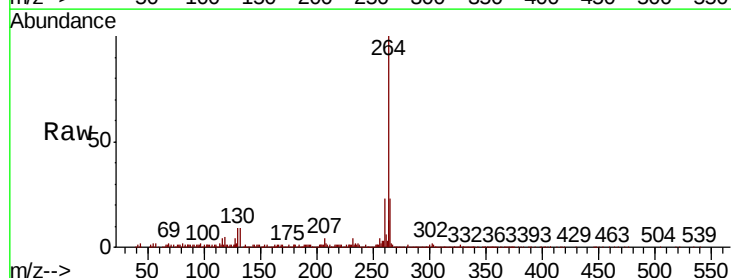
Tgt Ion:264 Resp: 489345

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 23.4 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

