

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044553.D
 Acq On : 21 Feb 2020 17:36
 Operator : CG/JU
 Sample : L1526-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E156-B4-021820-COMP-10-15

Quant Time: Feb 22 06:03:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

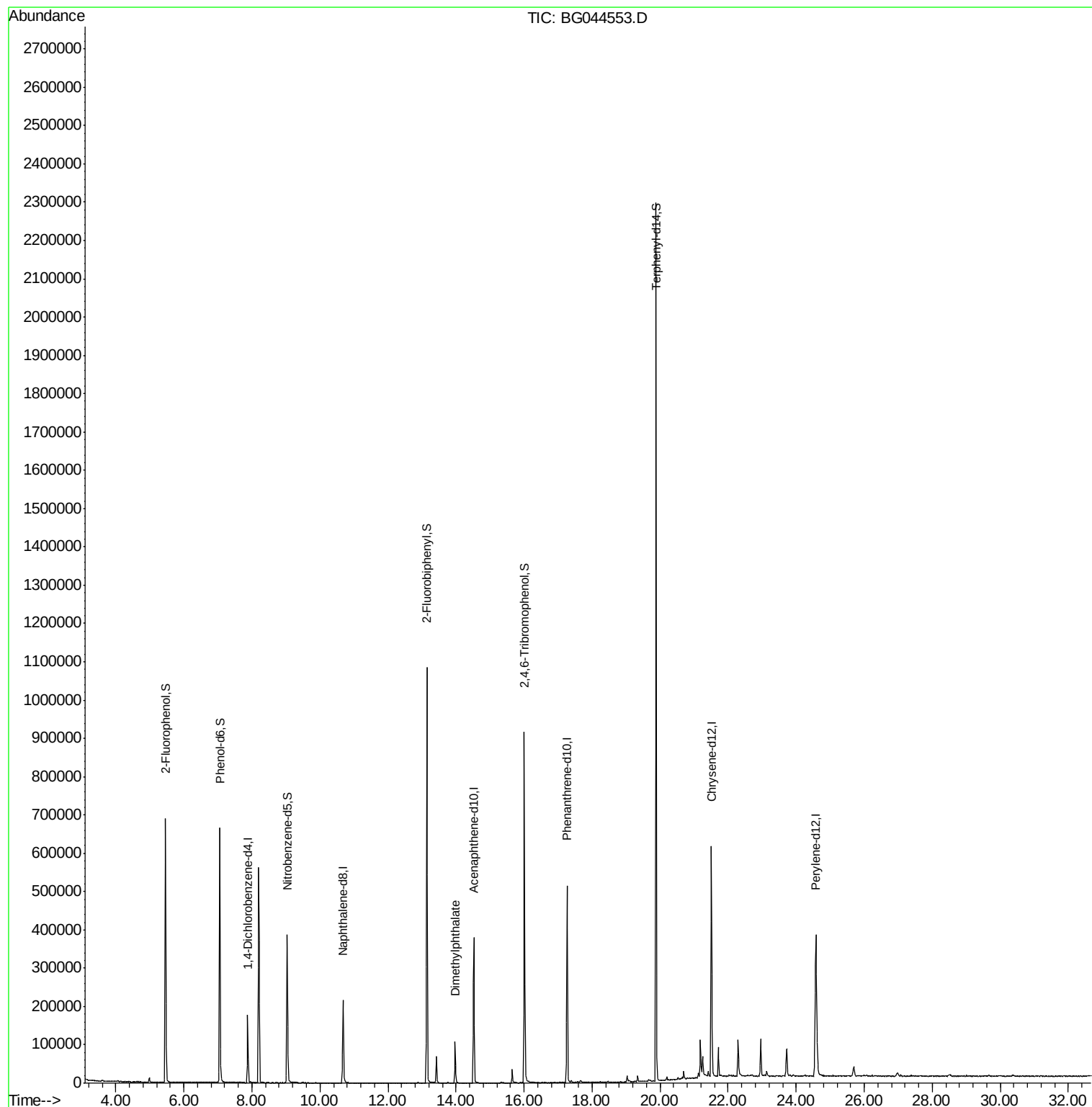
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	54716	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	216763	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	145202	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	349615	20.00	ng	0.00
76) Chrysene-d12	21.51	240	350258	20.00	ng	0.00
87) Perylene-d12	24.58	264	396540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	346575	111.79	ng	0.00
7) Phenol-d6	7.06	99	449280	107.91	ng	0.00
23) Nitrobenzene-d5	9.04	82	268762	70.00	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	197140	115.65	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	617677	71.23	ng	0.00
79) Terphenyl-d14	19.88	244	1109250	65.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	89773	8.601	ng	Qvalue 98

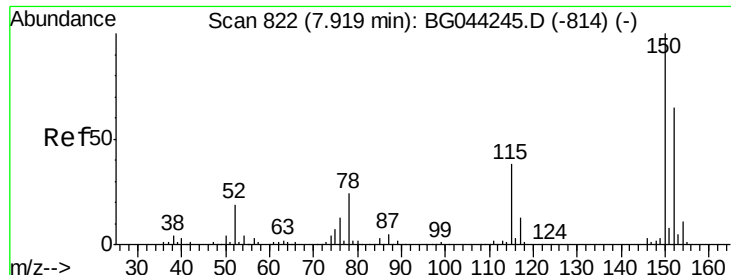
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

BNA_G

ClientSampleId :

E156-B4-021820-COMP-10-15

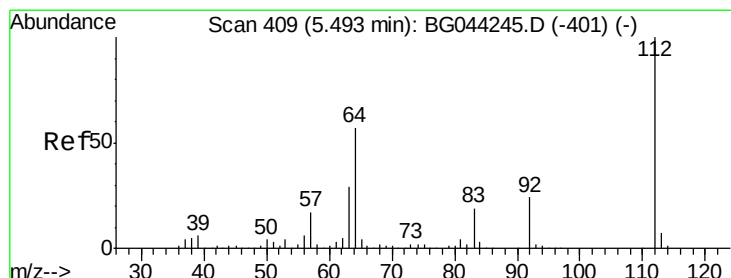
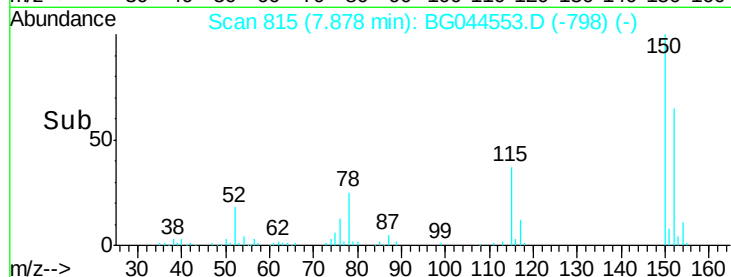
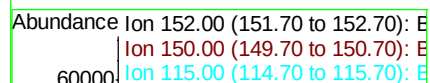
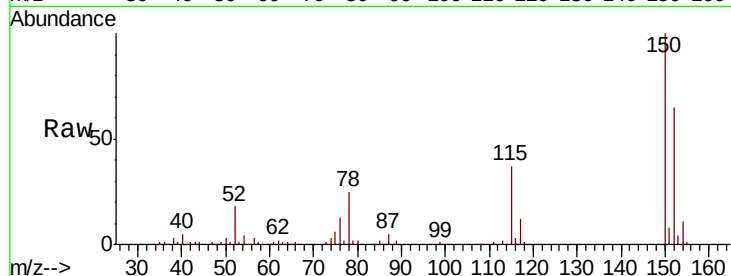
Tot Ion:152 Resp: 54716

Ion Ratio Lower Upper

152 100

150 153.0 123.1 184.7

115 56.3 45.1 67.7



#5

2-Fluorophenol

Concen: 111.786 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

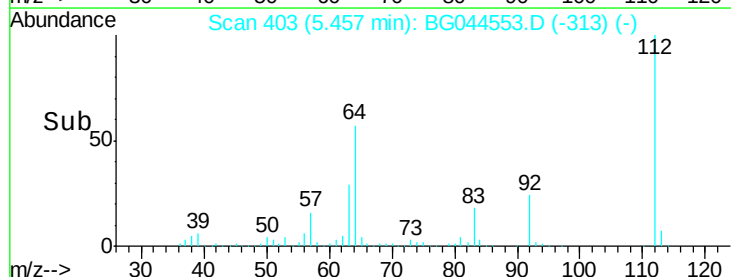
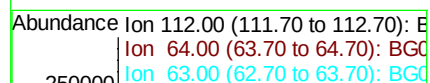
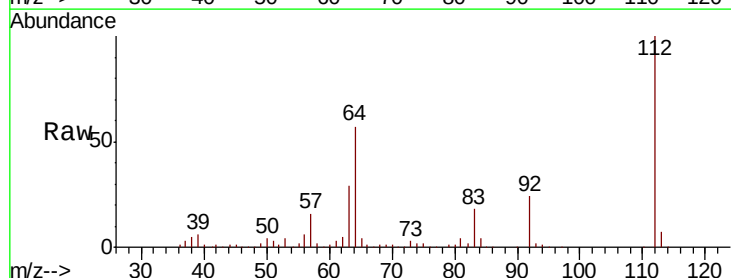
Tgt Ion:112 Resp: 346575

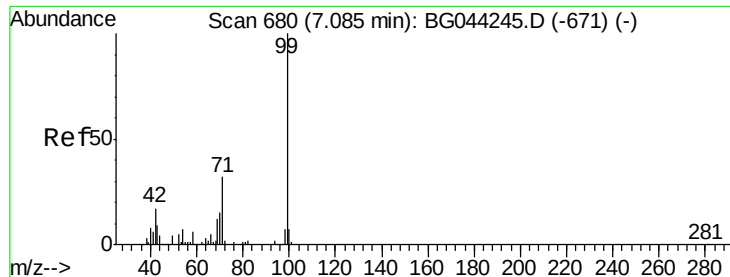
Ion Ratio Lower Upper

112 100

64 56.9 44.5 66.7

63 29.1 22.2 33.2





#7

Phenol-d6

Concen: 107.915 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

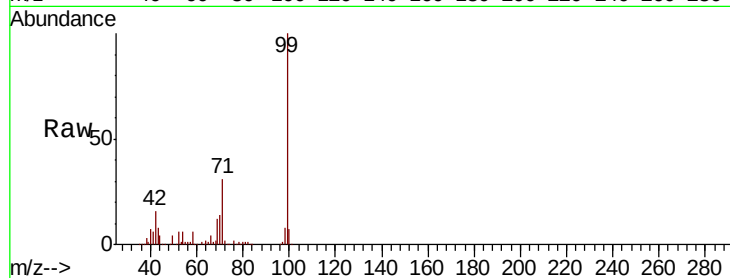
BNA_G

ClientSampleId :

E156-B4-021820-COMP-10-15

Tot Ion: 99 Resp: 449280

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.0
71	31.0	24.7	37.1

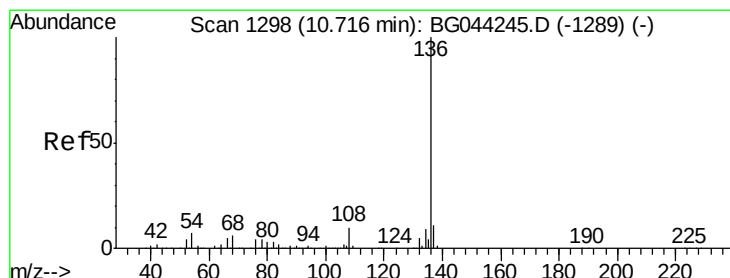
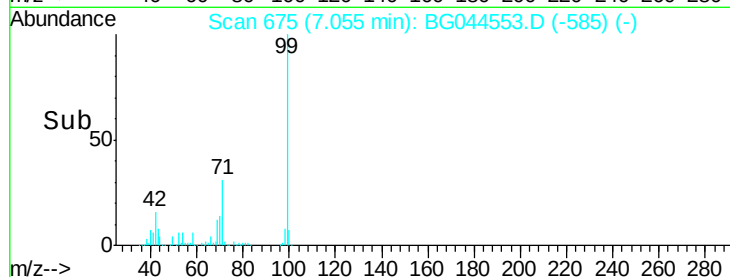
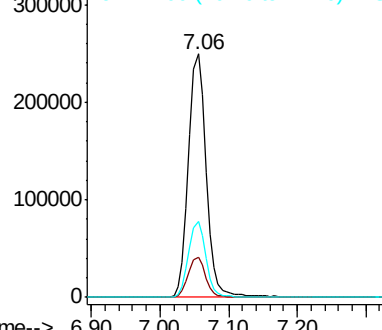


Abundance

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: 10.68 min Scan# 1292

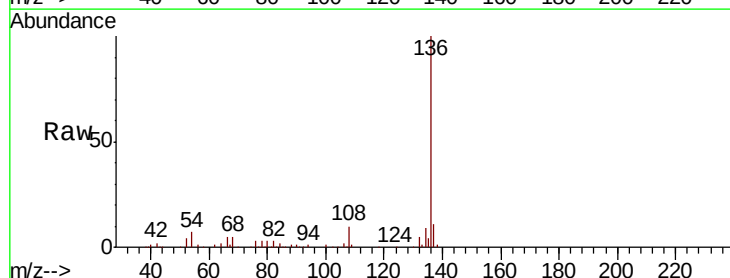
Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Tgt Ion: 136 Resp: 216763

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.9	5.5	8.3
68	5.3	4.6	6.8



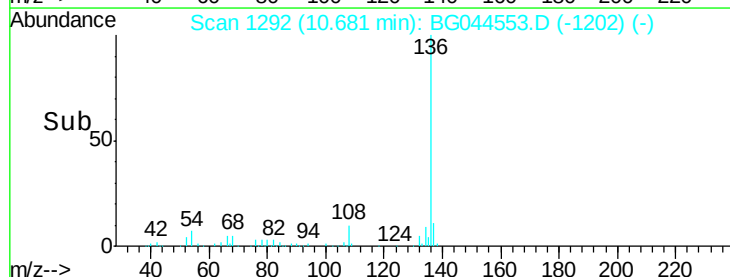
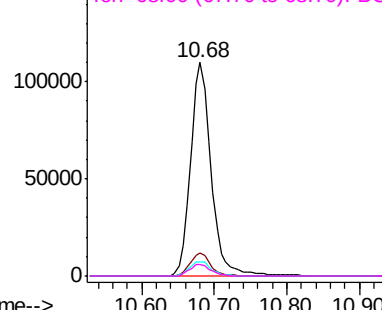
Abundance

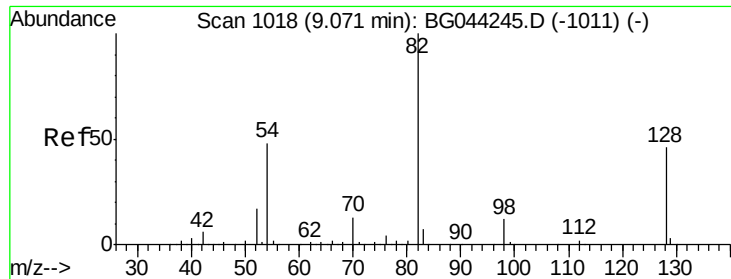
Ion 136.00 (135.70 to 136.70): BGC

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

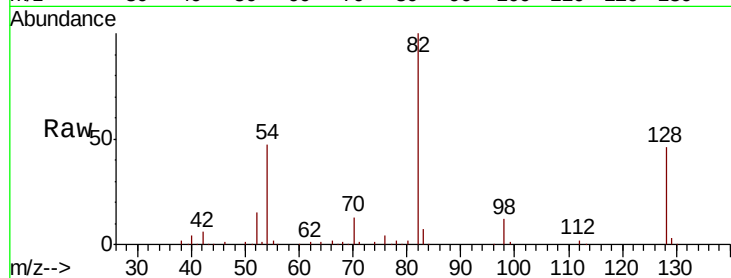




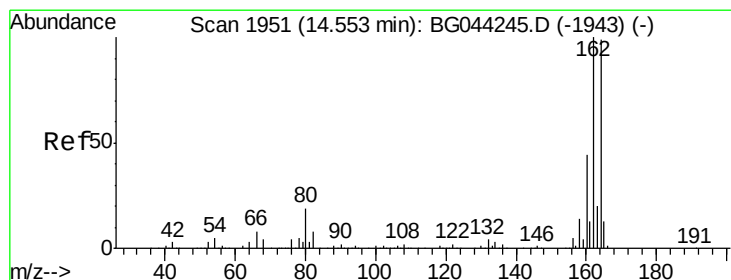
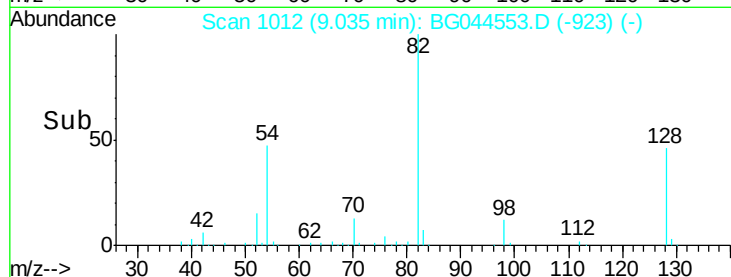
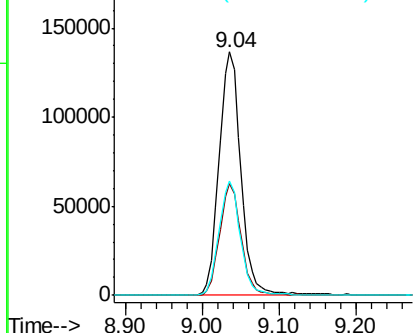
#23
Nitrobenzene-d5
Concen: 70.000 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044553.D
Acq: 21 Feb 2020 17:36

Instrument :
BNA_G
ClientSampleId :
E156-B4-021820-COMP-10-15

Tot Ion: 82 Resp: 268762
Ion Ratio Lower Upper
82 100
128 45.8 39.1 58.7
54 46.7 37.9 56.9

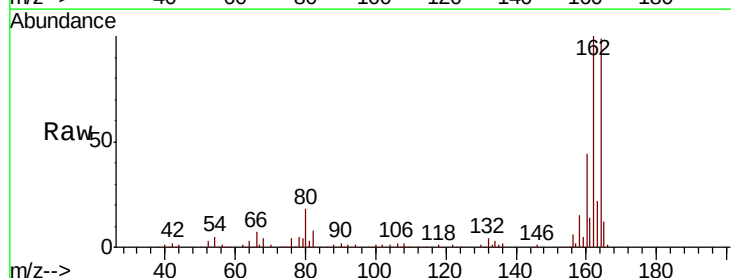


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

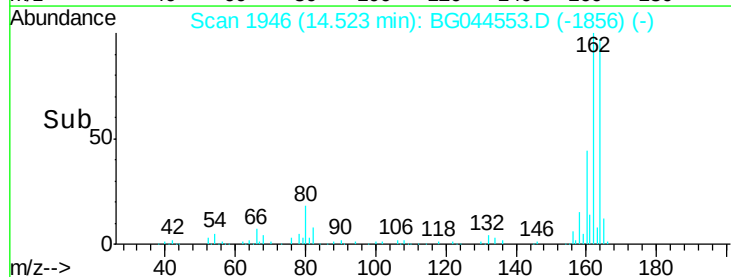
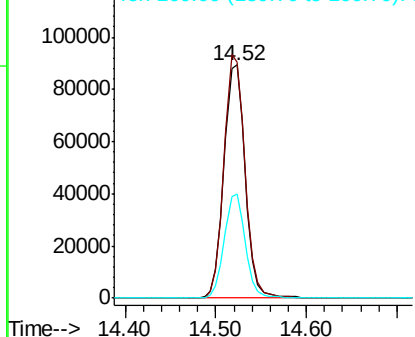


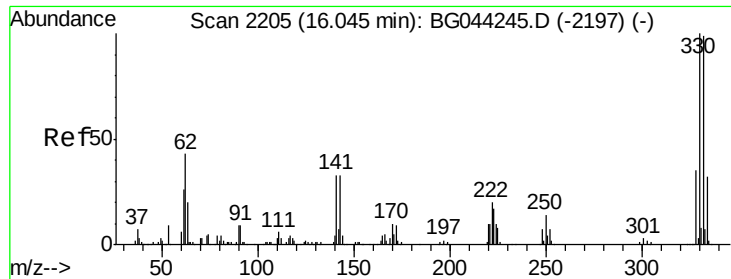
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044553.D
Acq: 21 Feb 2020 17:36

Tgt Ion:164 Resp: 145202
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

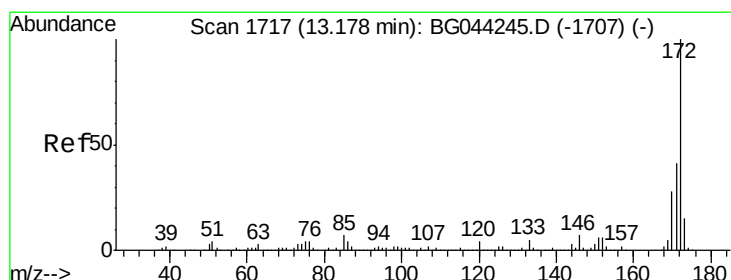
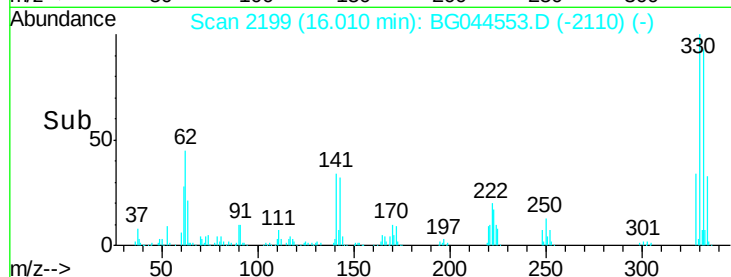
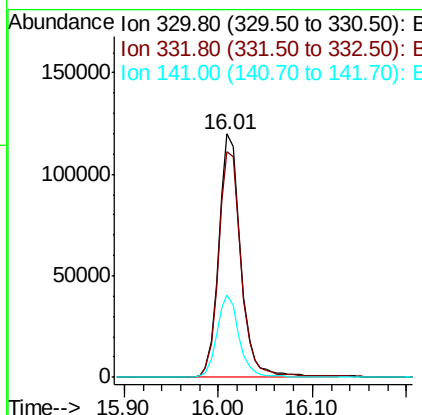
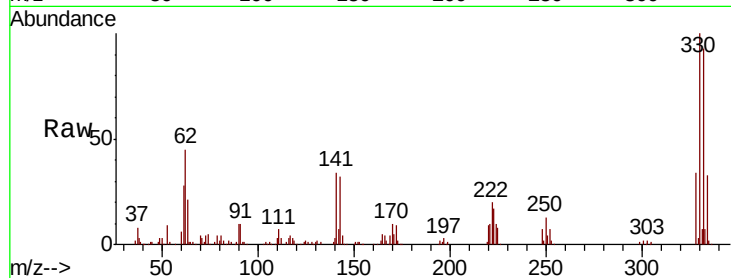




#42
 2,4,6-Tribromophenol
 Concen: 115.653 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

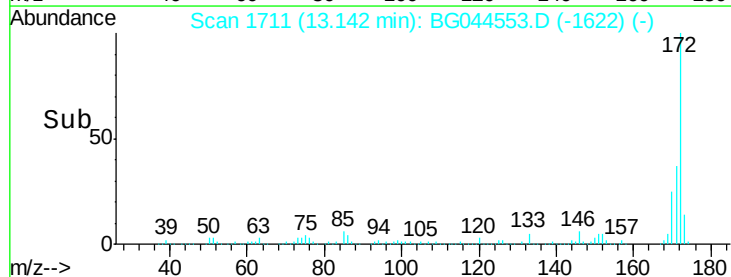
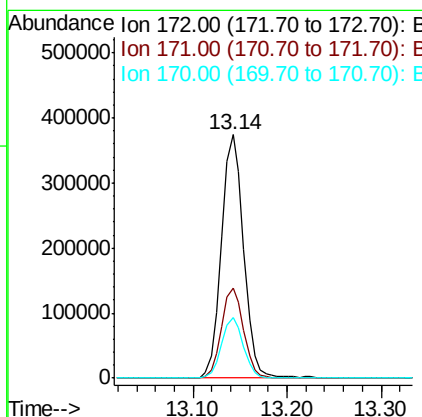
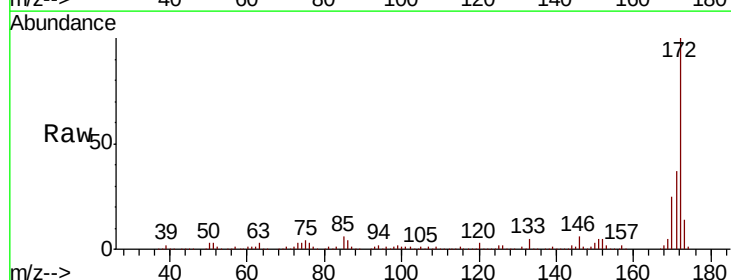
Instrument :
 BNA_G
 ClientSampleId :
 E156-B4-021820-COMP-10-15

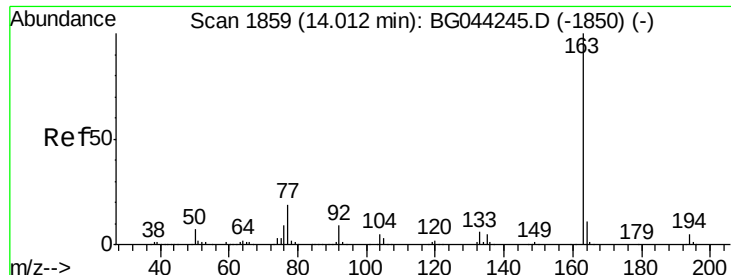
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	34.1	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 71.234 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.3	48.5
170	24.8	21.6	32.4





#50

Dimethylphthalate

Concen: 8.601 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

BNA_G

ClientSampleId :

E156-B4-021820-COMP-10-15

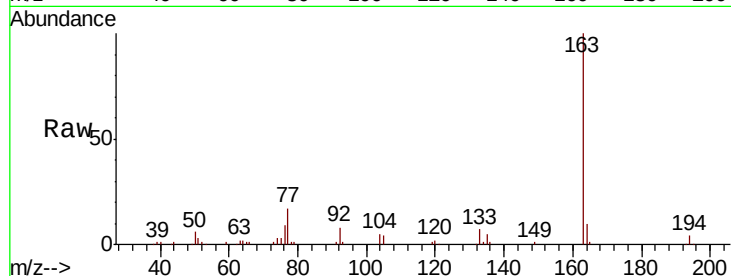
Tot Ion:163 Resp: 89773

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

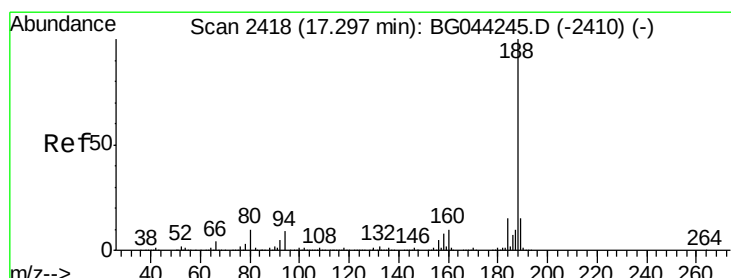
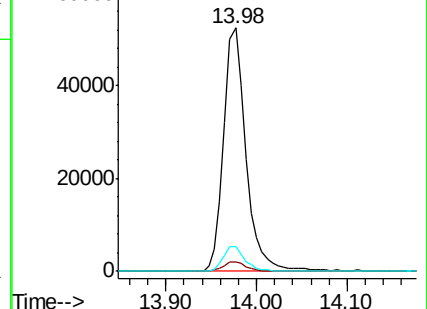
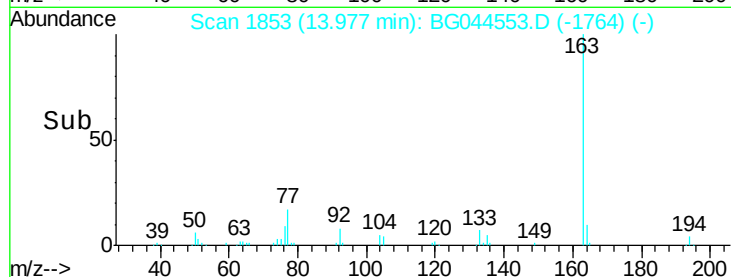
164 10.4 8.9 13.3



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: 17.27 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

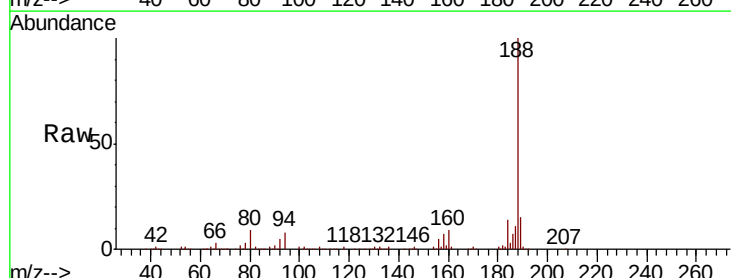
Tgt Ion:188 Resp: 349615

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

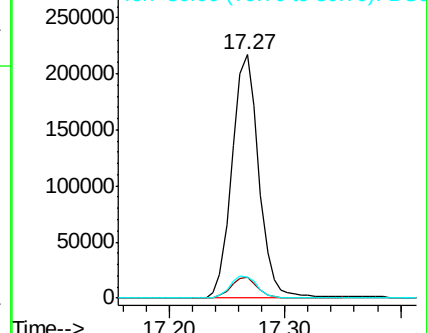
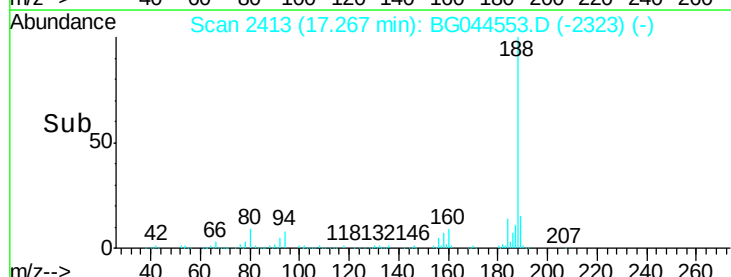
80 8.8 7.8 11.6

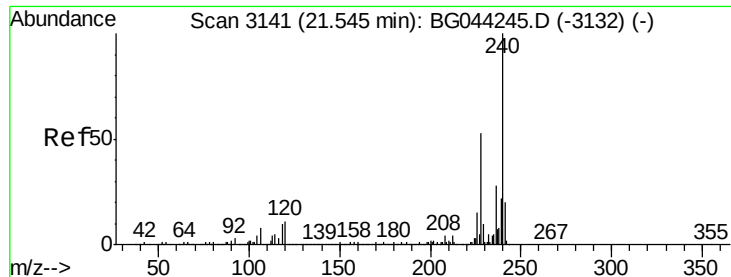


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

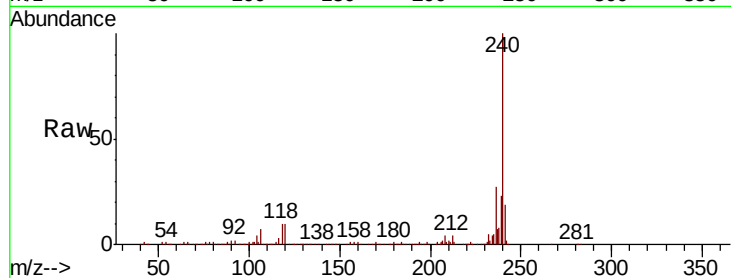
BNA_G

ClientSampleId :

E156-B4-021820-COMP-10-15

Tot Ion:240 Resp: 350258

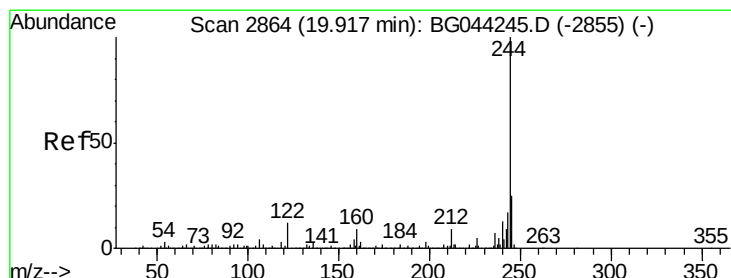
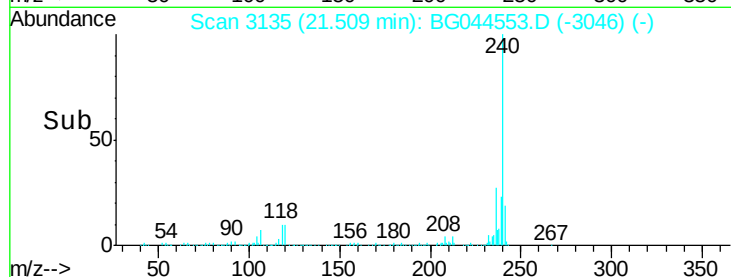
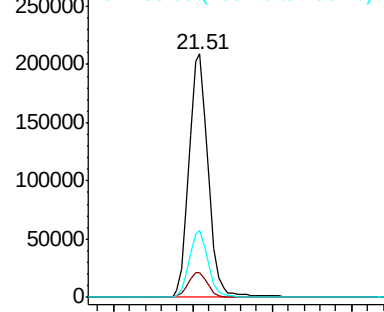
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	27.3	22.0	33.0



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: 65.140 ng

RT: 19.88 min Scan# 2858

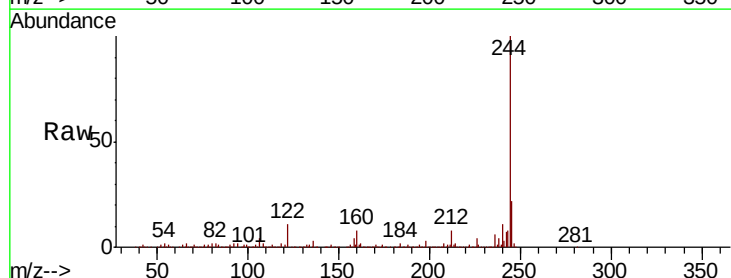
Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Tgt Ion:244 Resp: 1109250

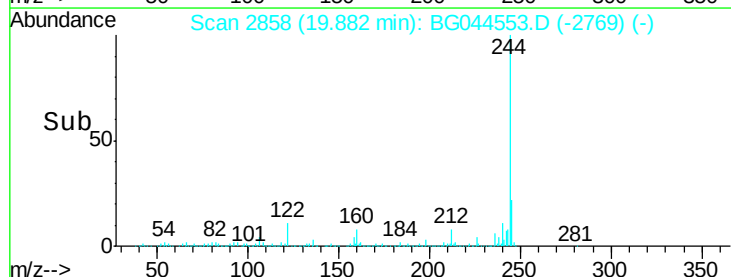
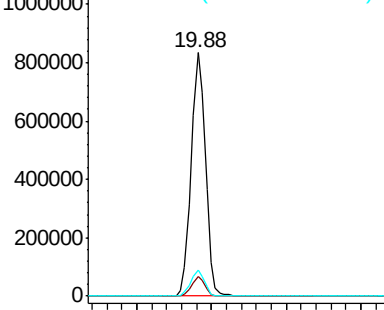
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.6	11.4
122	10.7	9.8	14.8

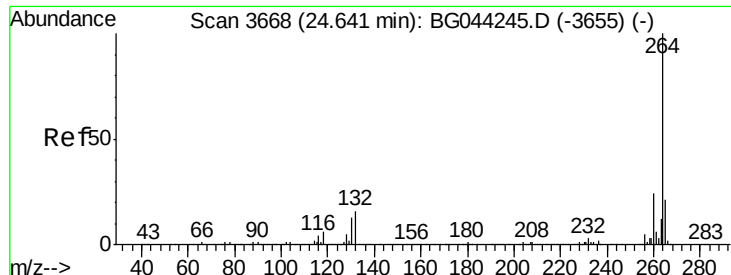


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

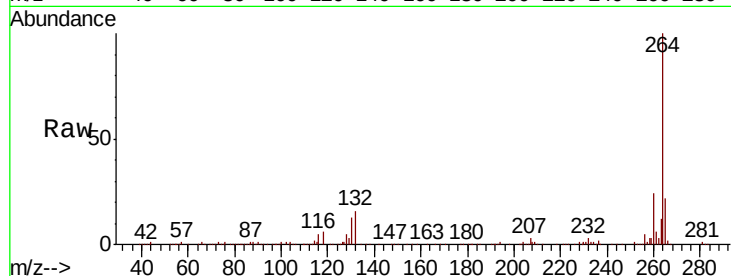




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3657
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 E156-B4-021820-COMP-10-15

Tot Ion:	264	Resp:	396540
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	22.2	17.6	26.4



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

