

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
 Data File : BG045255.D
 Acq On : 6 May 2020 16:19
 Operator : CG/JU
 Sample : L2462-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC-14

Quant Time: May 06 17:03:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

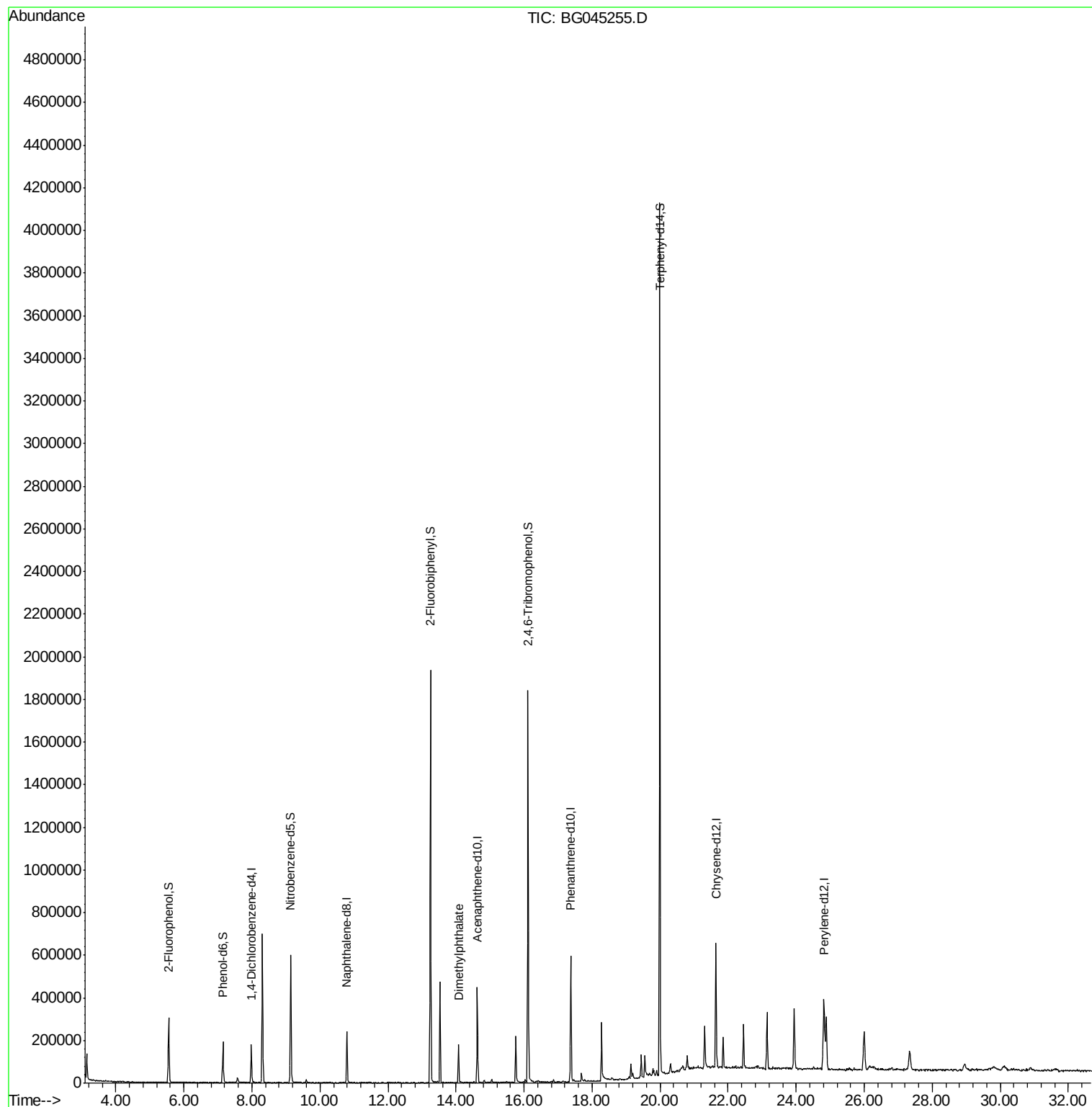
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	53042	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	212863	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	162457	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	395017	20.00	ng	0.00
76) Chrysene-d12	21.64	240	363343	20.00	ng	0.00
87) Perylene-d12	24.82	264	388138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	149917	46.66	ng	0.00
7) Phenol-d6	7.15	99	138617	29.04	ng	0.00
23) Nitrobenzene-d5	9.14	82	413470	88.63	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	379242	151.11	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1060208	95.69	ng	0.00
79) Terphenyl-d14	19.99	244	1956367	117.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	122377	9.251	ng	Qvalue # 98

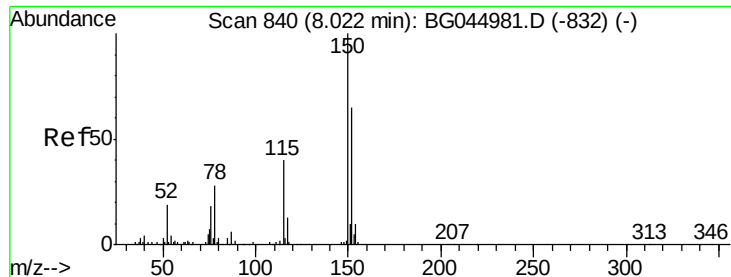
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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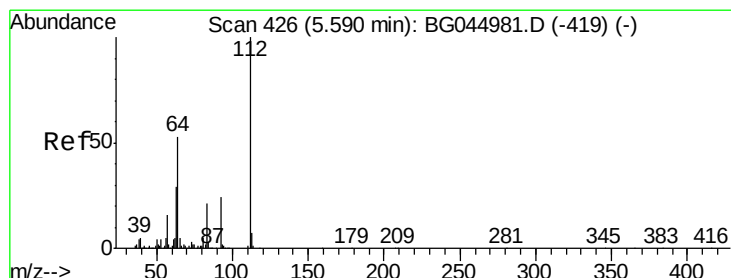
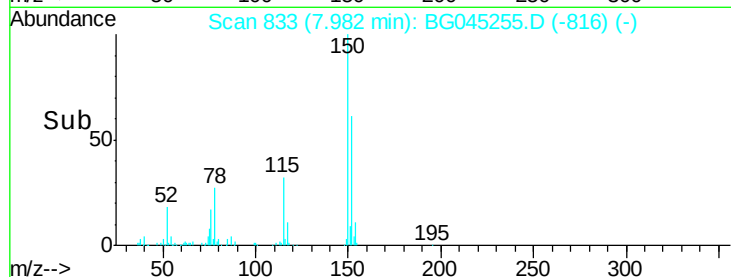
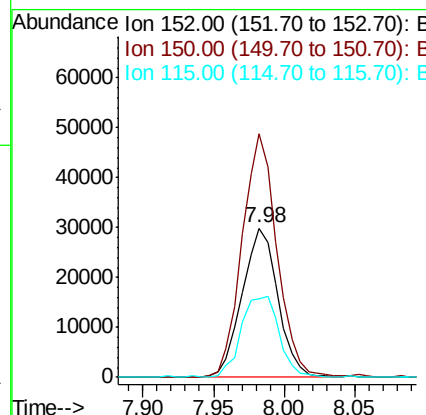
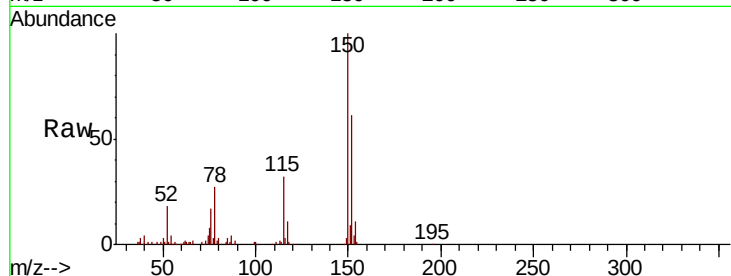


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045255.D
Acq: 6 May 2020 16:19

Instrument :
BNA_G
ClientSampleId :
AOC-14

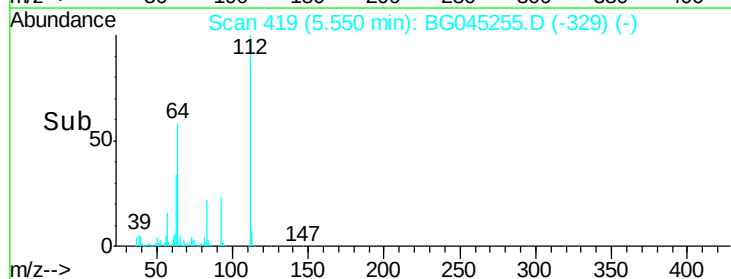
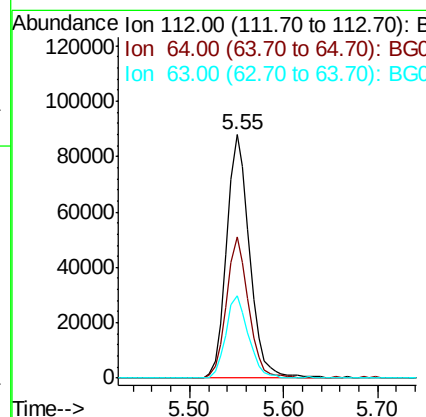
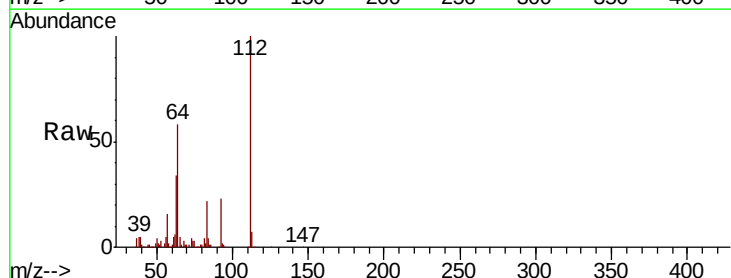
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	123.6	185.4
115	52.7	49.1	73.7

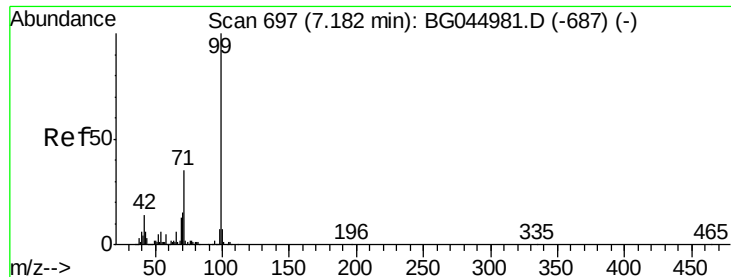


#5

2-Fluorophenol
Concen: 46.662 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045255.D
Acq: 6 May 2020 16:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.4	63.6
63	33.8	23.1	34.7





#7

Phenol-d6

Concen: 29.039 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

Instrument :

BNA_G

ClientSampleId :

AOC-14

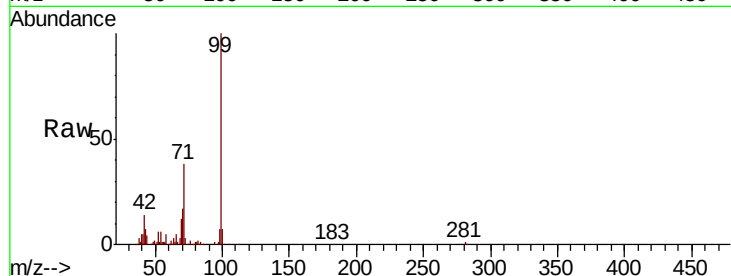
Tot Ion: 99 Resp: 138617

Ion Ratio Lower Upper

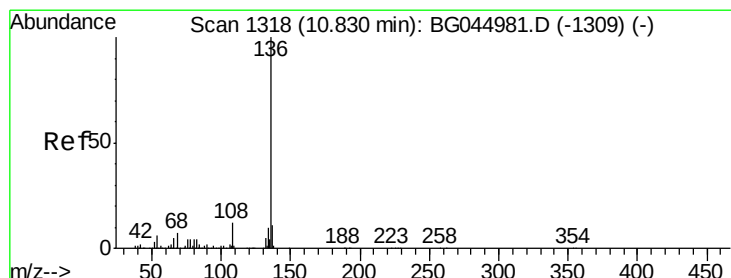
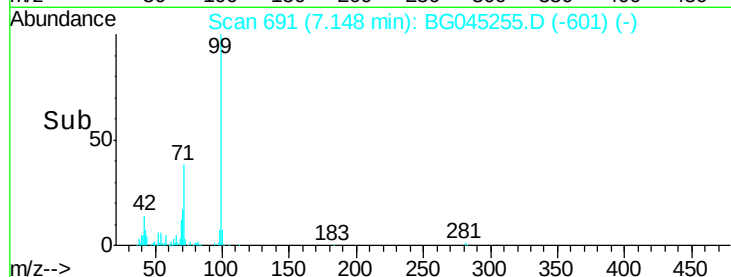
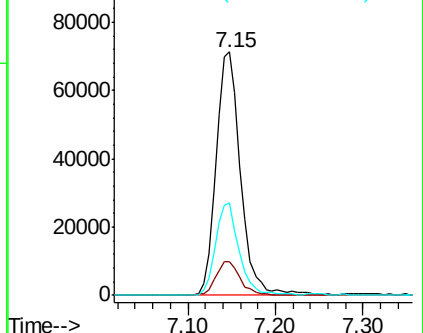
99 100

42 13.9 11.3 16.9

71 38.1 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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

Tgt Ion: 136 Resp: 212863

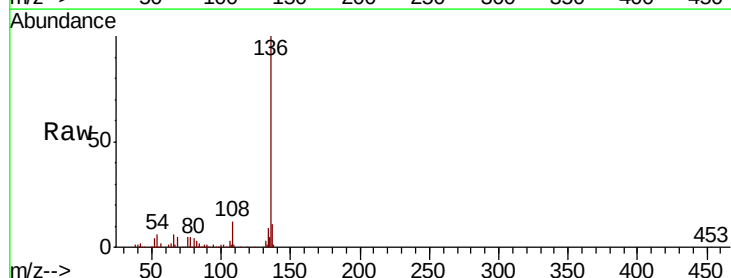
Ion Ratio Lower Upper

136 100

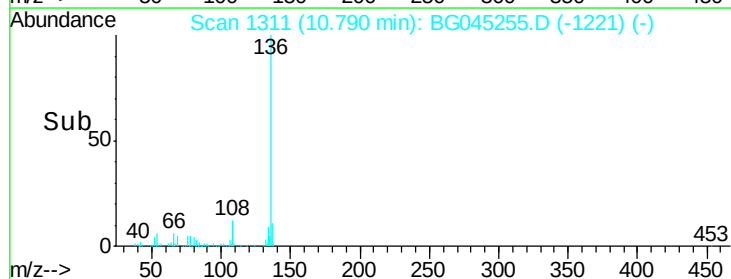
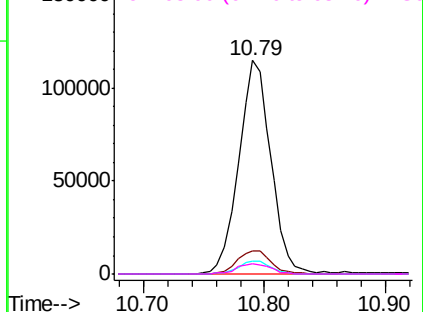
137 10.9 8.6 13.0

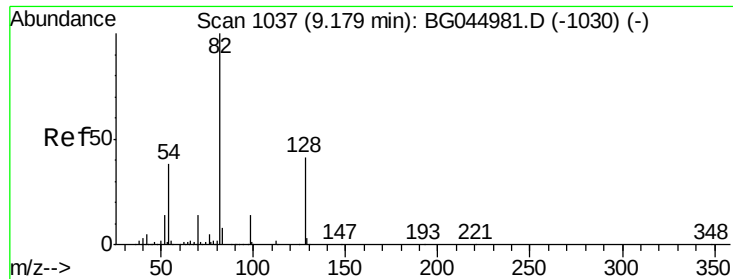
54 6.2 4.8 7.2

68 4.8 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

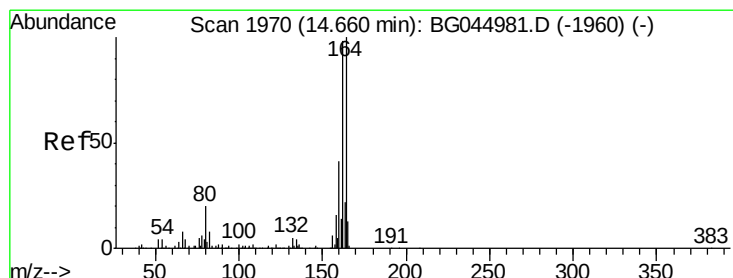
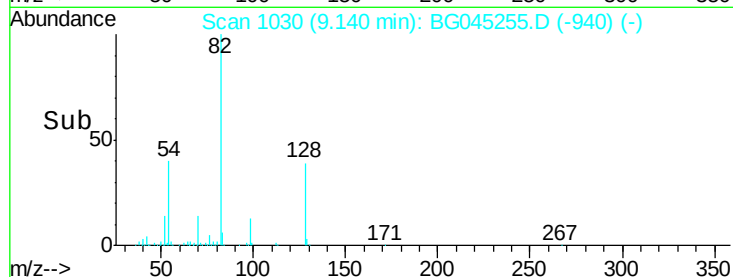
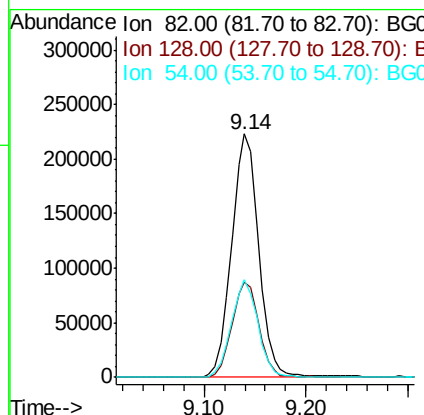
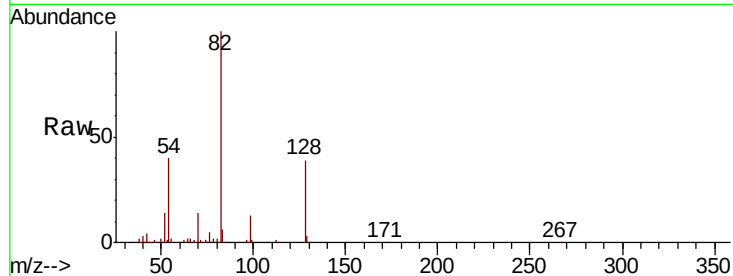




#23
Nitrobenzene-d5
Concen: 88.630 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045255.D
Acq: 6 May 2020 16:19

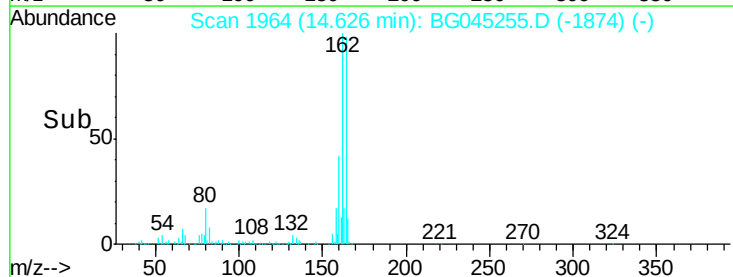
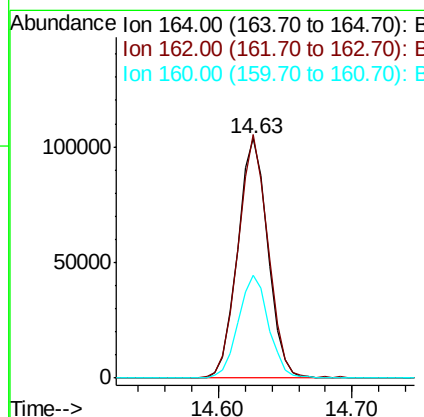
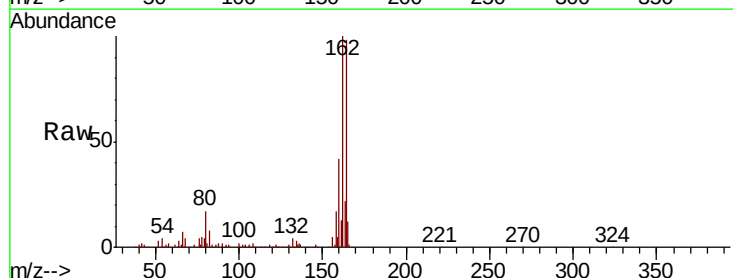
Instrument :
BNA_G
ClientSampled :
AOC-14

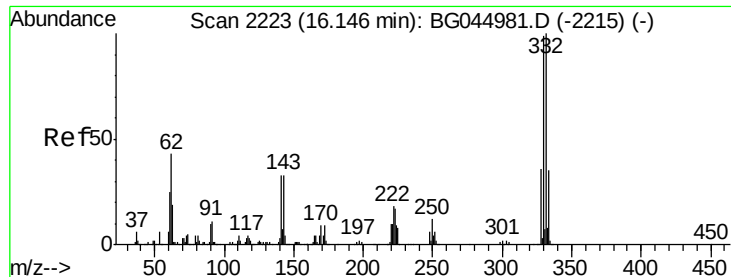
Tot Ion	82	Resp	413470
Ion Ratio	Lower	Upper	
82	100		
128	38.9	33.0	49.4
54	40.3	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045255.D
Acq: 6 May 2020 16:19

Tgt Ion	164	Resp	162457
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.7	118.1
160	42.9	32.8	49.2

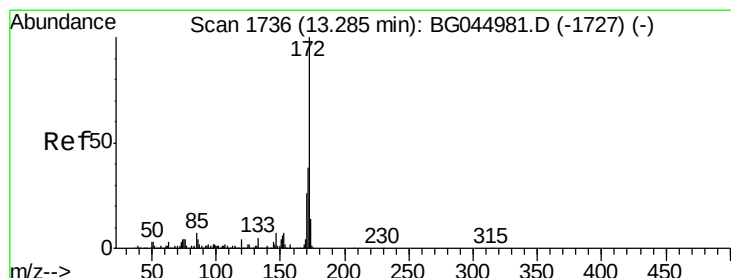
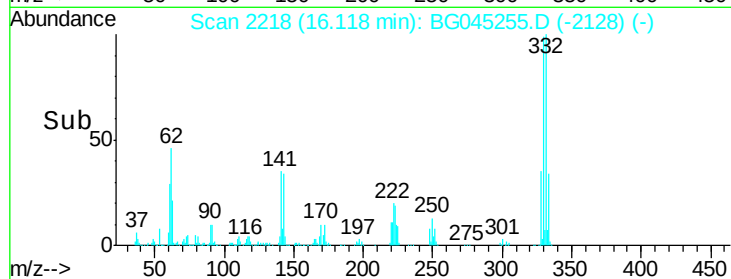
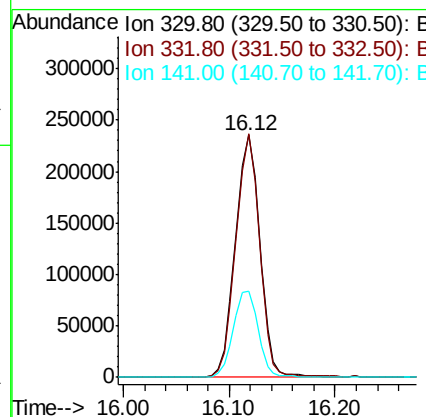
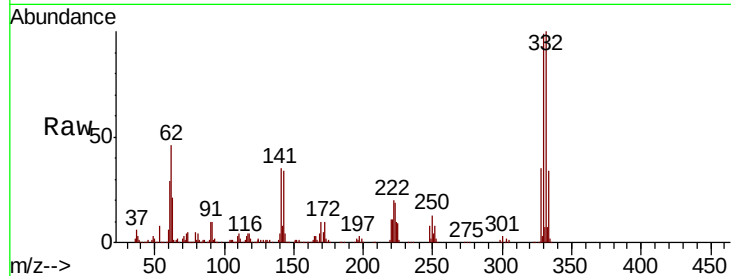




#42
 2,4,6-Tribromophenol
 Concen: 151.108 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045255.D
 Acq: 6 May 2020 16:19

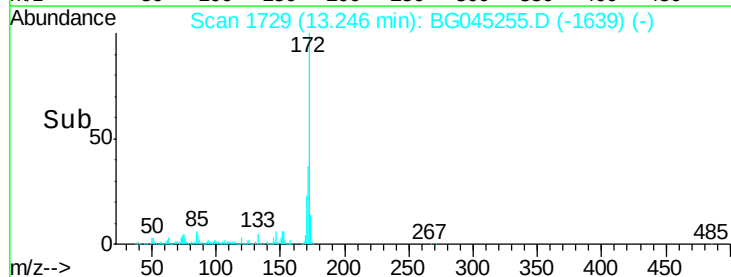
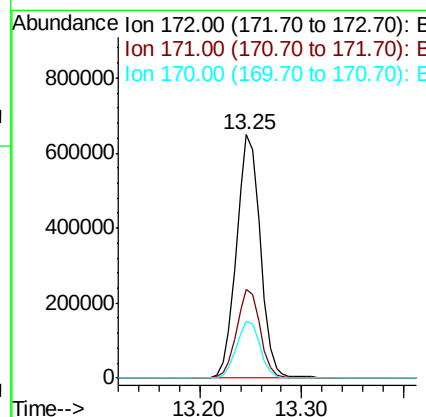
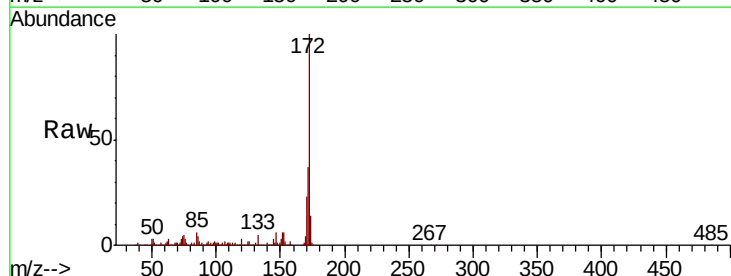
Instrument :
 BNA_G
 ClientSampleId :
 AOC-14

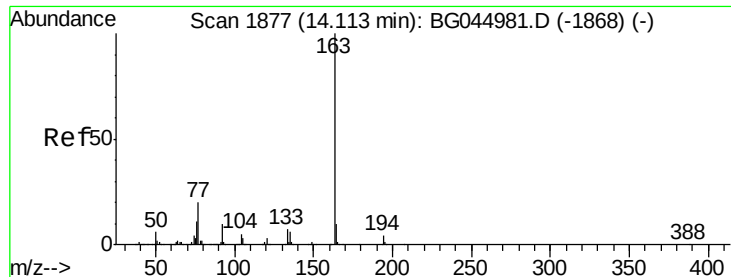
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	36.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 95.693 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045255.D
 Acq: 6 May 2020 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	23.5	20.5	30.7





#50

Dimethylphthalate

Concen: 9.251 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

Instrument :

BNA_G

ClientSampled :

AOC-14

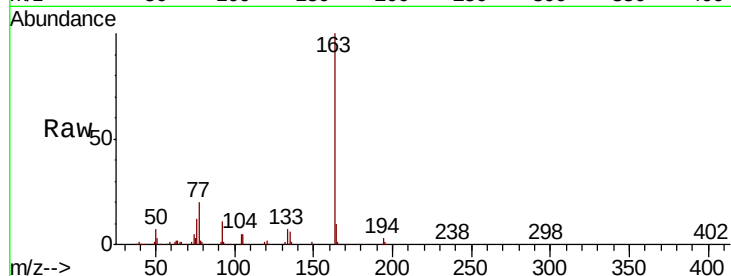
Tot Ion:163 Resp: 122377

Ion Ratio Lower Upper

163 100

194 3.3 3.5 5.3#

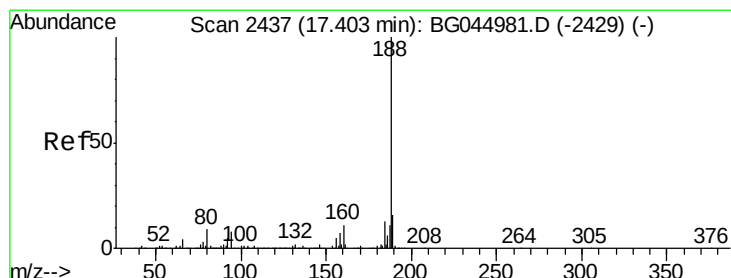
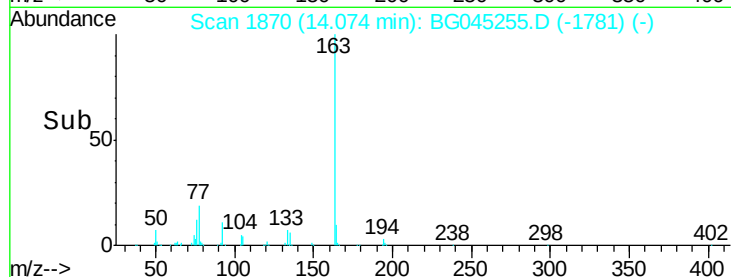
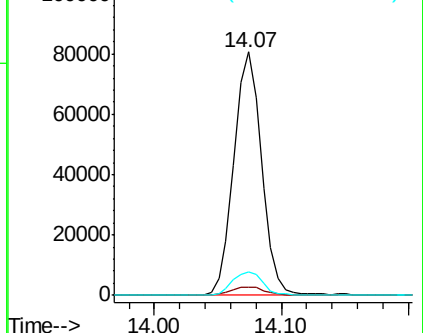
164 9.6 8.2 12.4



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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

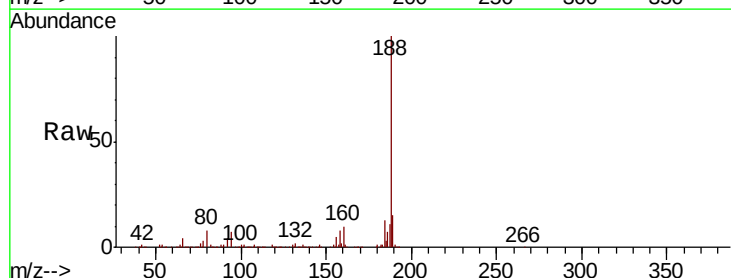
Tgt Ion:188 Resp: 395017

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

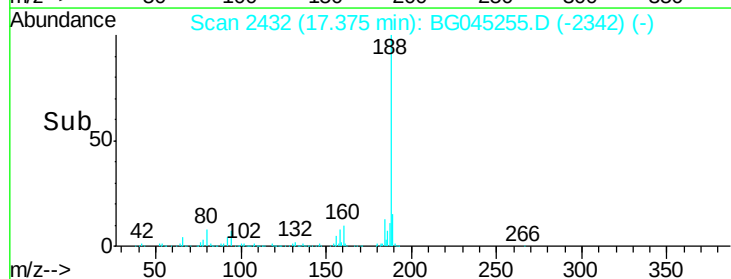
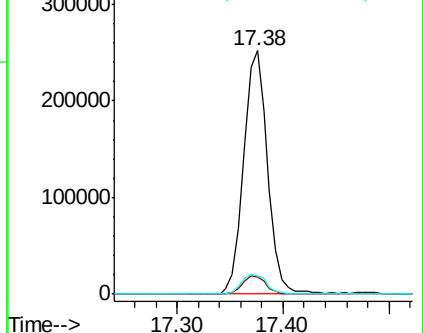
80 7.8 7.0 10.6

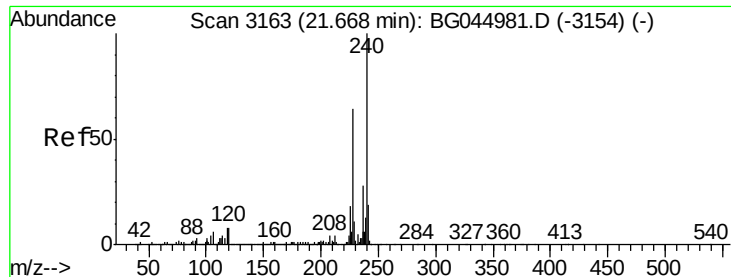


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

Instrument :

BNA_G

ClientSampled :

AOC-14

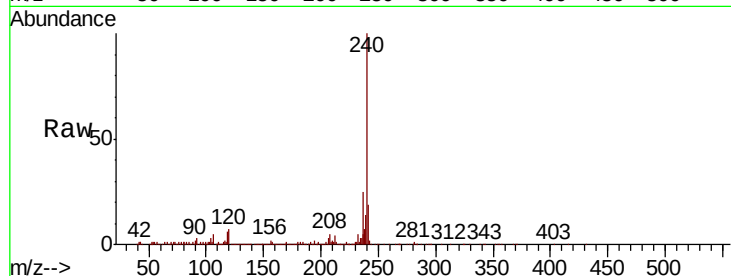
Tot Ion:240 Resp: 363343

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

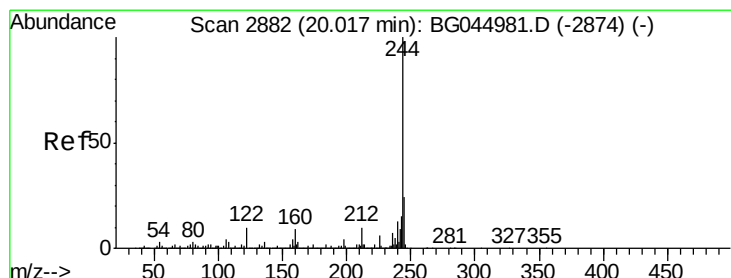
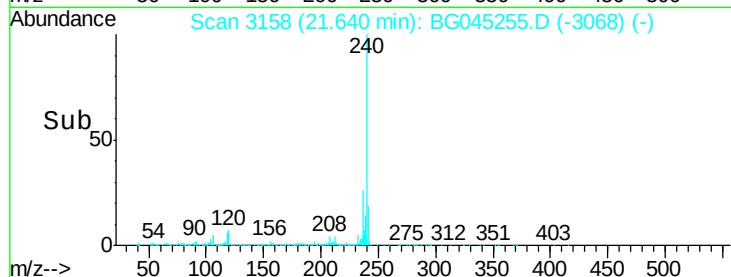
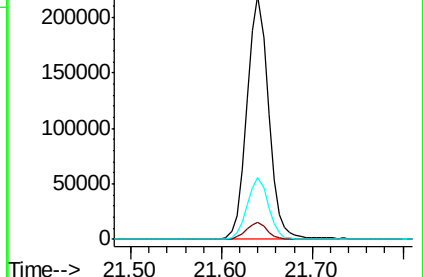
236 25.5 22.2 33.2



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: 117.356 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045255.D

Acq: 6 May 2020 16:19

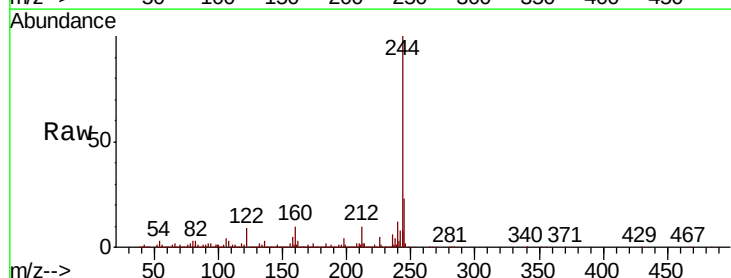
Tgt Ion:244 Resp: 1956367

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

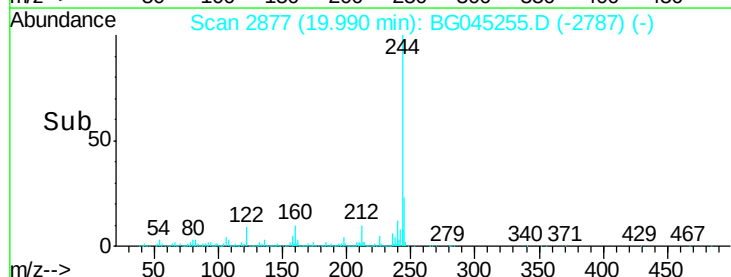
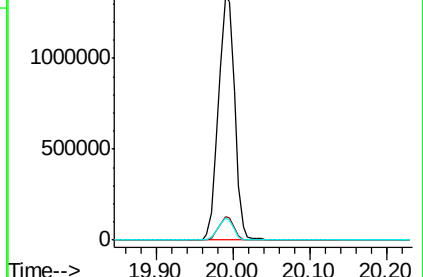
122 9.2 7.7 11.5

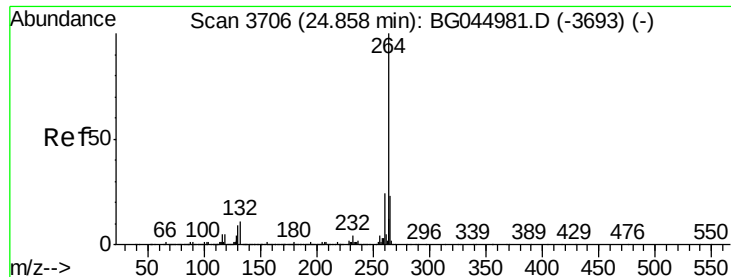


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3699
 Delta R.T. 0.00 min
 Lab File: BG045255.D
 Acq: 6 May 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 AOC-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.4	19.0	28.4

