

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045387.D
 Acq On : 14 May 2020 21:11
 Operator : CG/JU
 Sample : L2500-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220

Quant Time: May 15 01:31:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70141	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	293622	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	213734	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	500164	20.00	ng	0.00
76) Chrysene-d12	21.62	240	490467	20.00	ng	-0.01
87) Perylene-d12	24.79	264	513395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	41098	9.67	ng	0.00
7) Phenol-d6	7.14	99	63463	10.05	ng	0.00
23) Nitrobenzene-d5	9.13	82	40390	6.28	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	30526	9.24	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	105280	7.22	ng	0.00
79) Terphenyl-d14	19.98	244	194242	8.63	ng	0.00

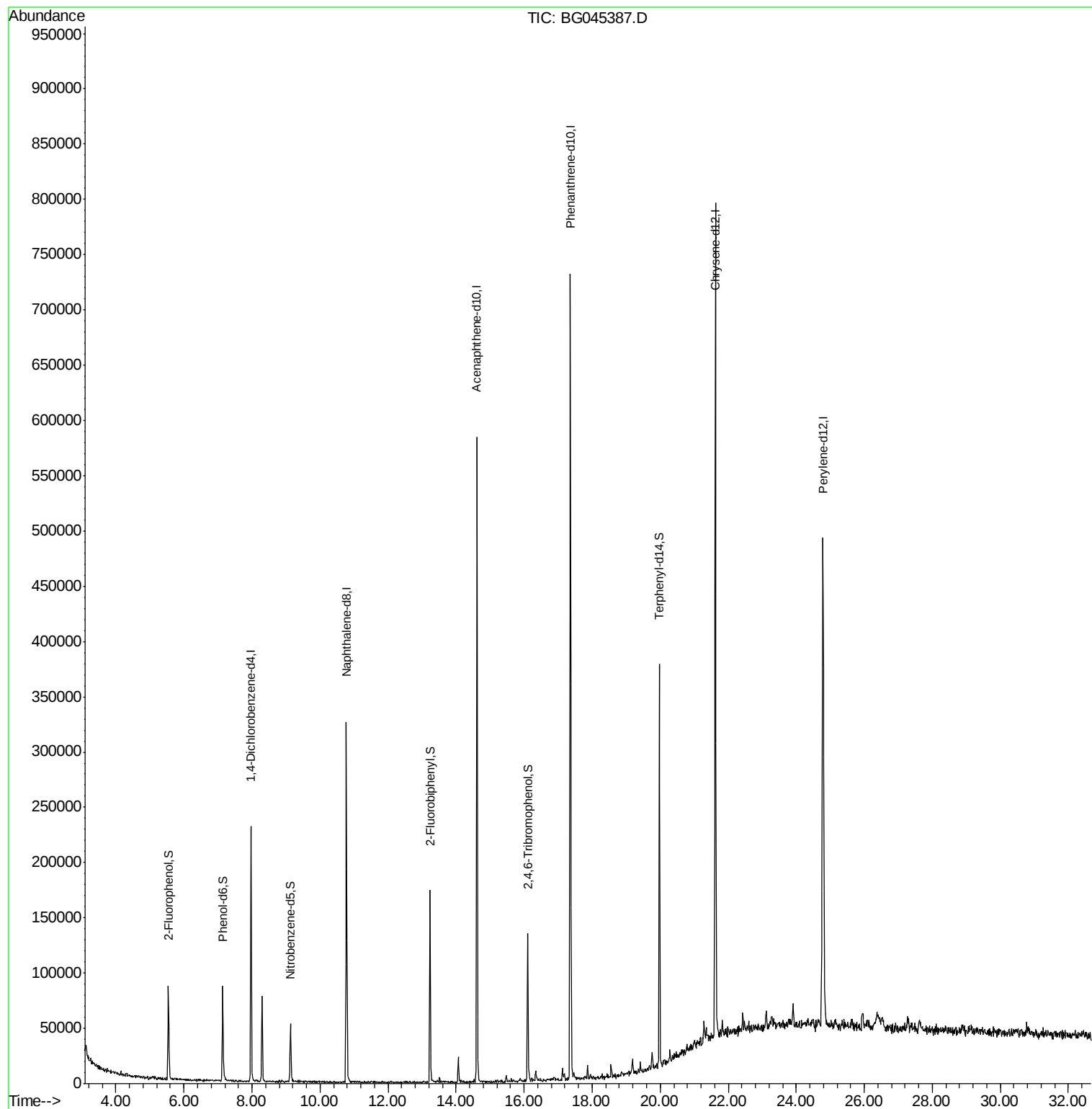
Target Compounds Qvalue

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

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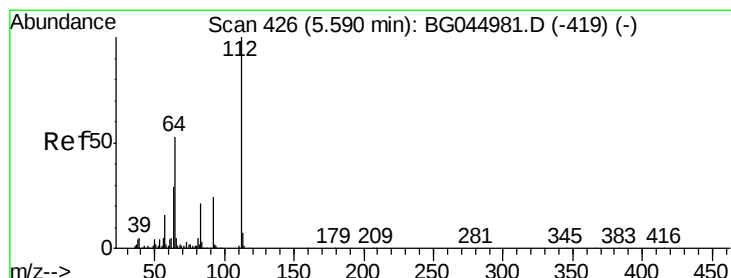
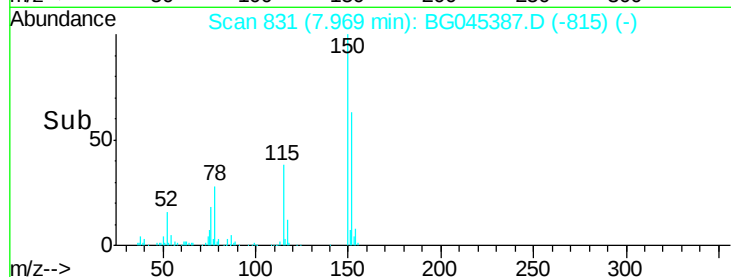
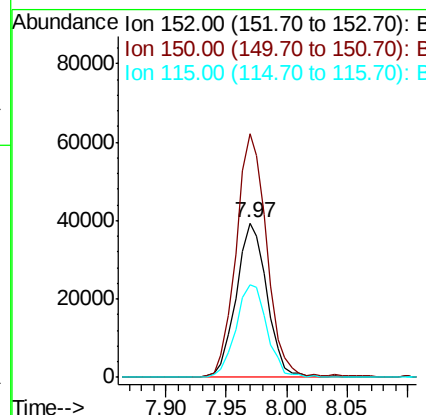
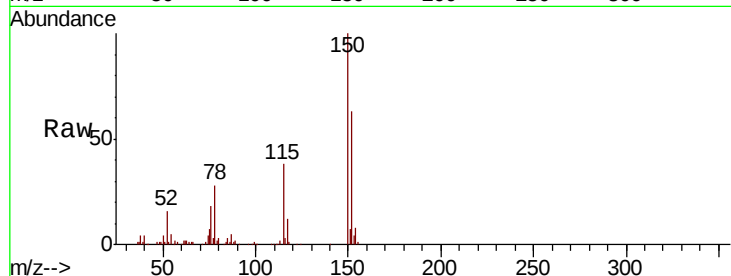


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

Instrument :
BNA_G
ClientSampleId :
OK-02-051220

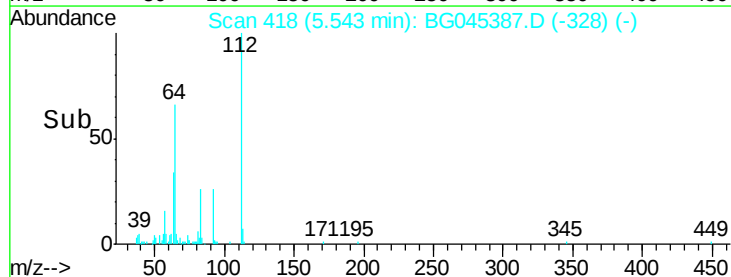
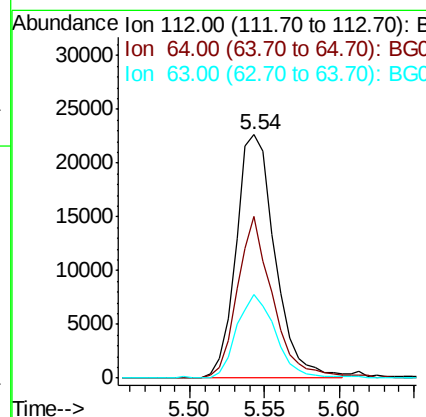
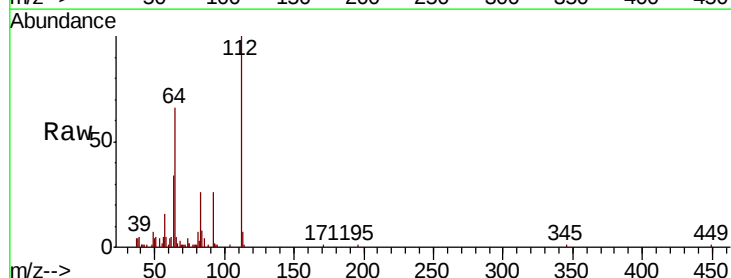
Tot Ion:152 Resp: 70141
Ion Ratio Lower Upper
152 100
150 157.7 123.6 185.4
115 60.2 49.1 73.7

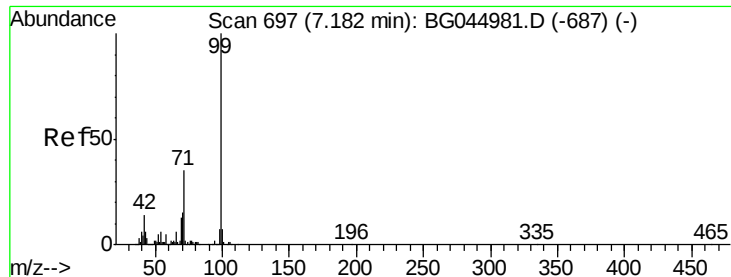


#5

2-Fluorophenol
Concen: 9.673 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

Tgt Ion:112 Resp: 41098
Ion Ratio Lower Upper
112 100
64 66.3 42.4 63.6#
63 34.3 23.1 34.7





#7

Phenol-d6

Concen: 10.054 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

OK-02-051220

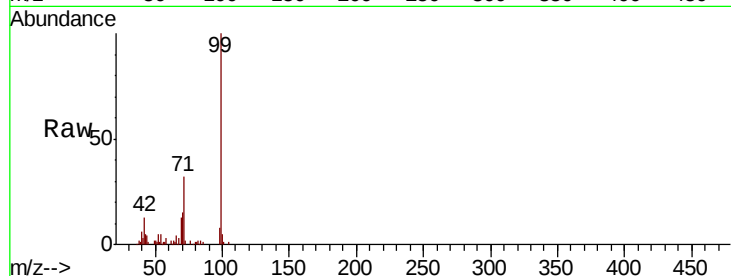
Tot Ion: 99 Resp: 63463

Ion Ratio Lower Upper

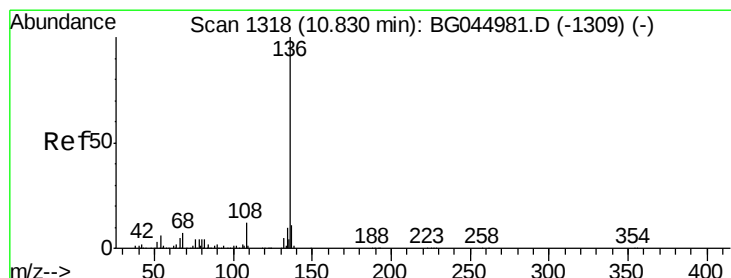
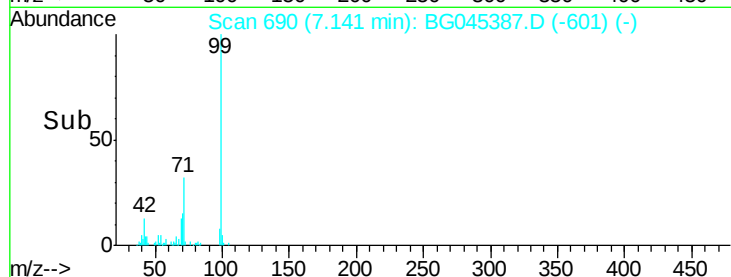
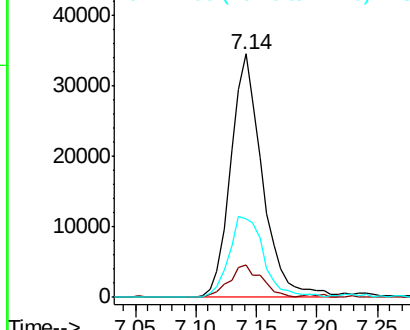
99 100

42 13.2 11.3 16.9

71 32.0 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: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Tgt Ion: 136 Resp: 293622

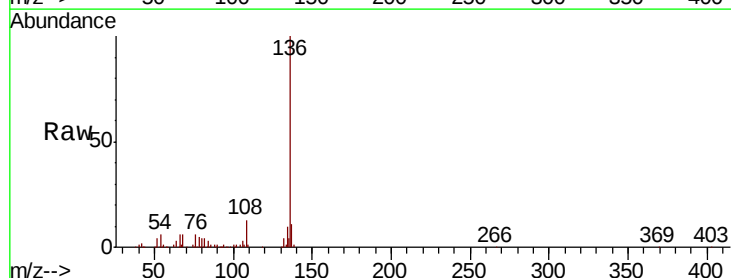
Ion Ratio Lower Upper

136 100

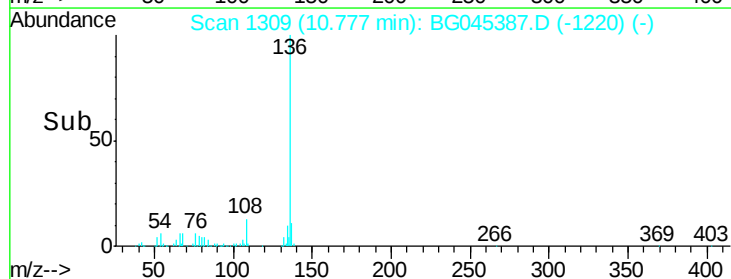
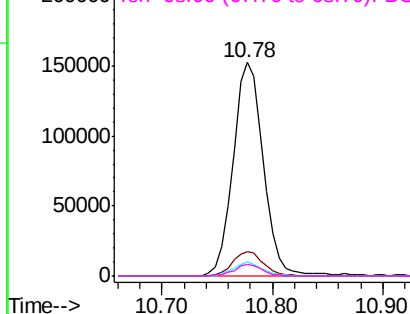
137 11.3 8.6 13.0

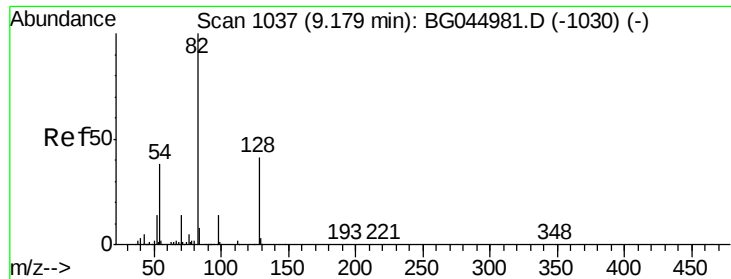
54 6.4 4.8 7.2

68 5.7 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

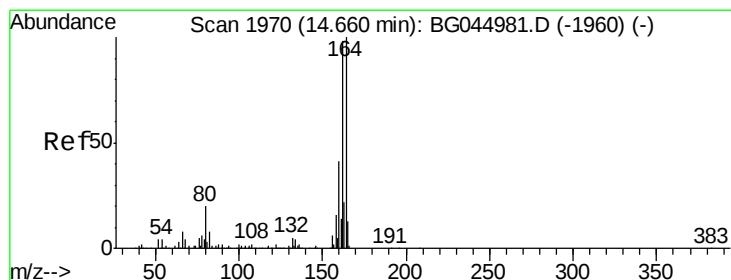
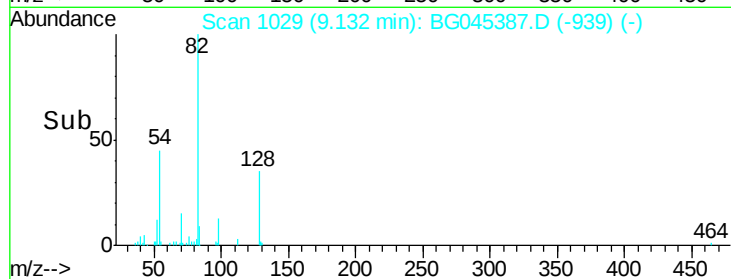
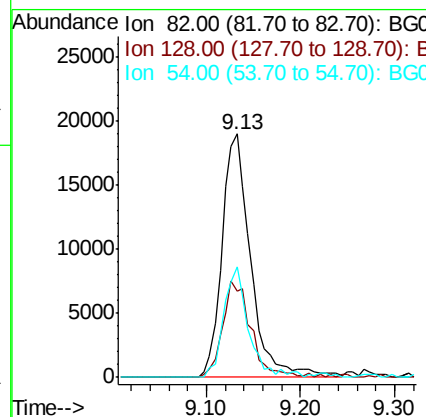
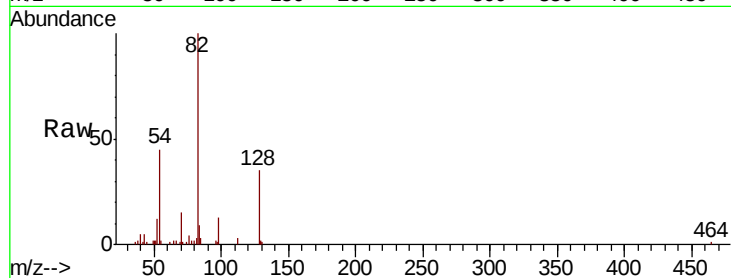




#23
 Nitrobenzene-d5
 Concen: 6.277 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

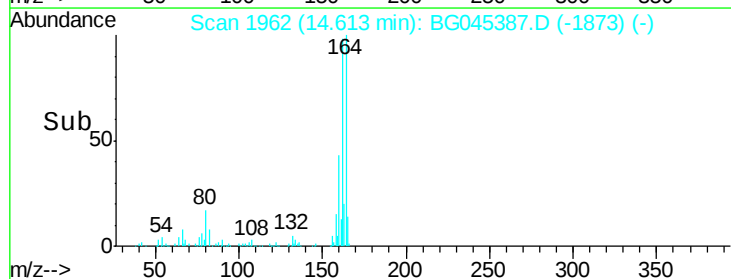
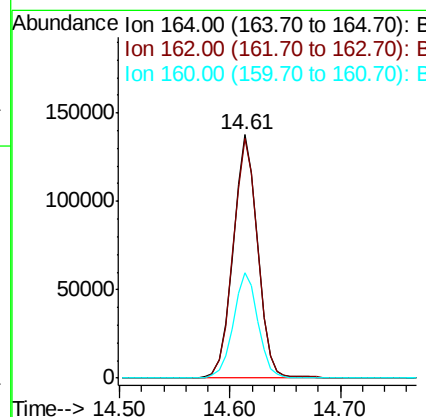
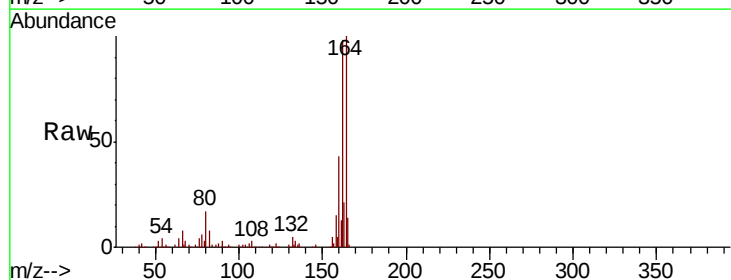
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220

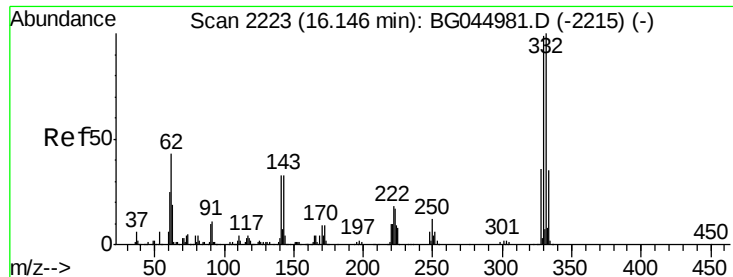
Tot Ion	82	Resp	40390
Ion Ratio	Lower	Upper	
82	100		
128	35.2	33.0	49.4
54	45.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

Tgt Ion	164	Resp	213734
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.7	118.1
160	43.2	32.8	49.2

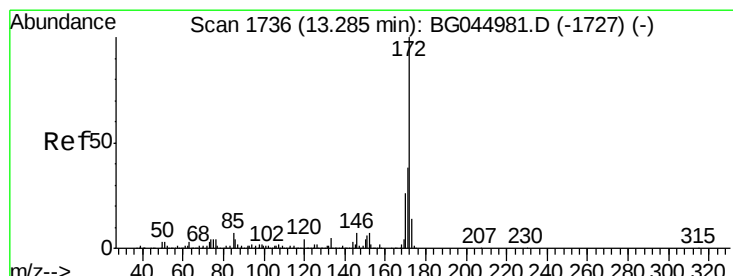
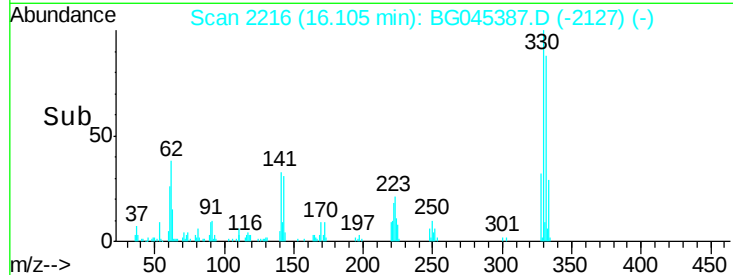
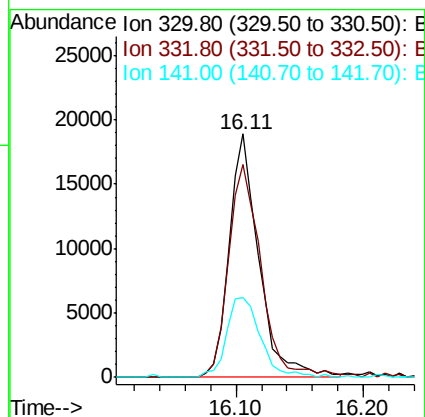
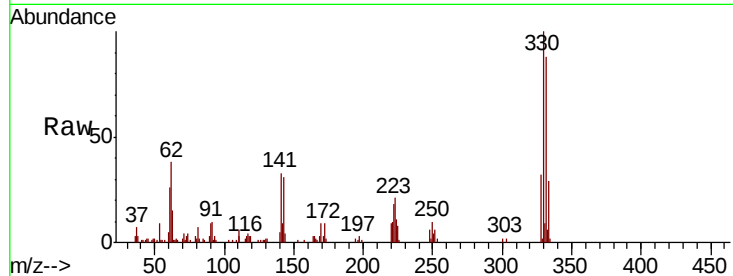




#42
 2,4,6-Tribromophenol
 Concen: 9.245 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

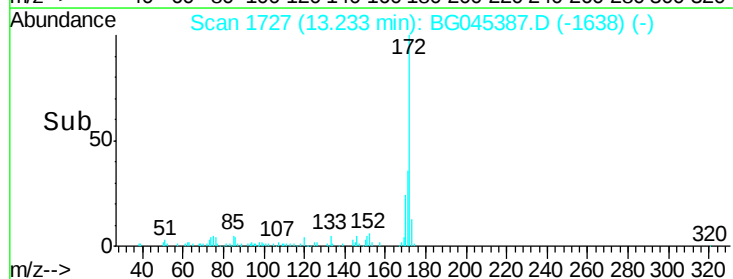
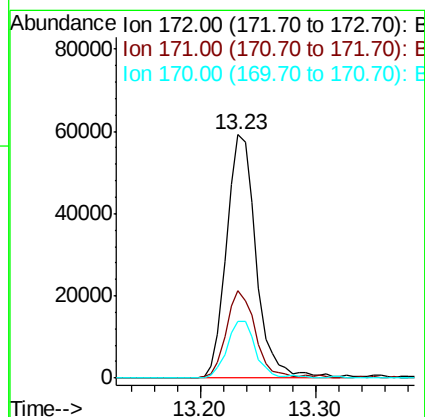
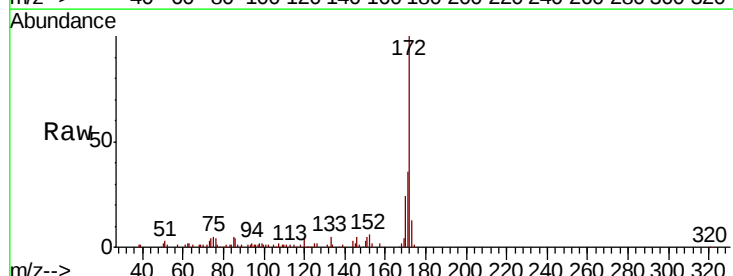
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220

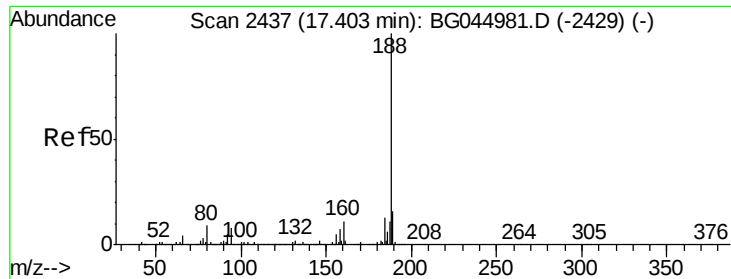
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	37.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 7.223 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	23.5	20.5	30.7

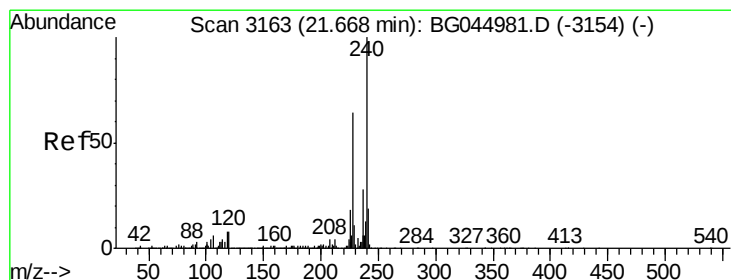
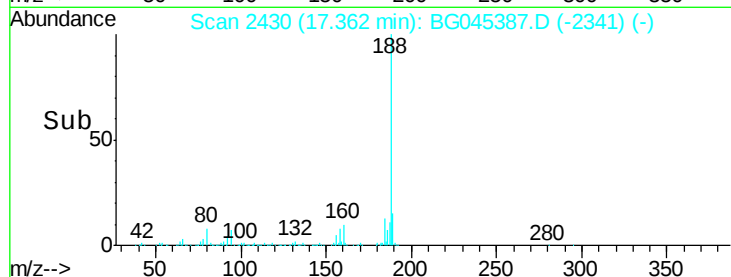
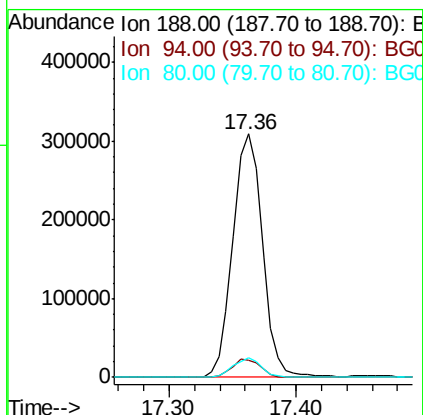
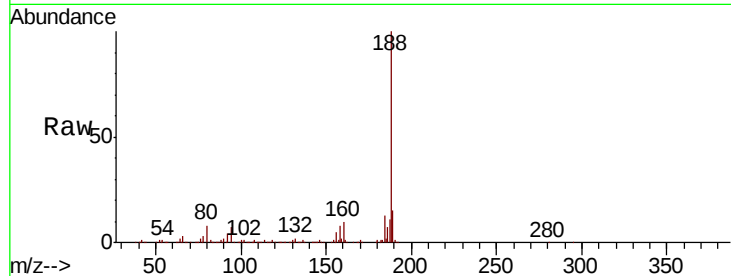




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

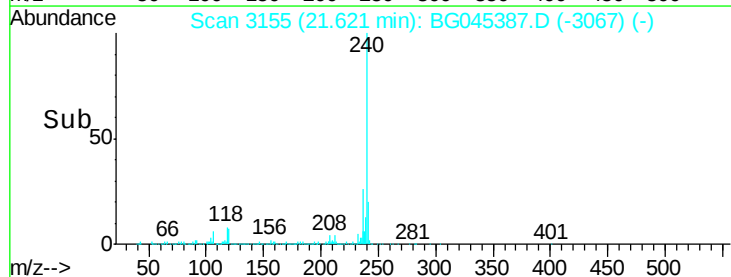
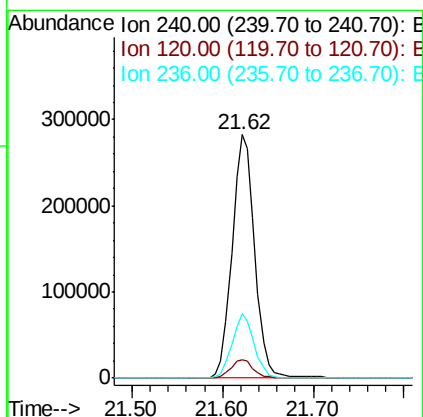
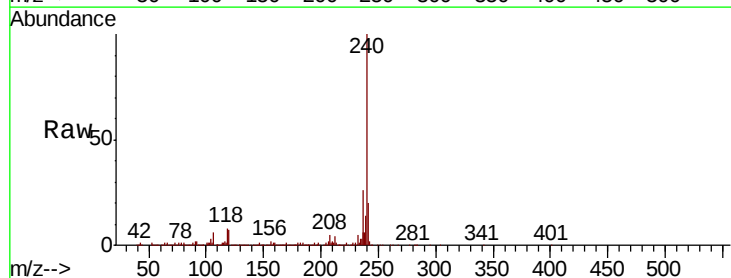
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220

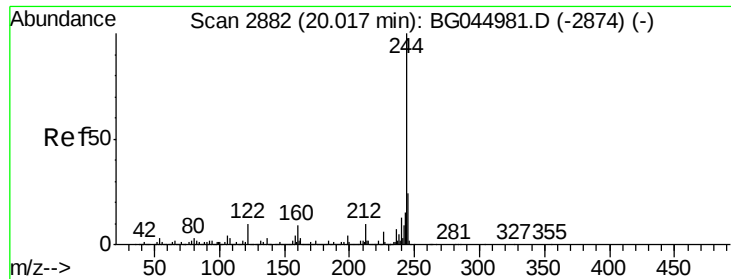
Tot Ion:188 Resp: 500164
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.2 9.4
 80 8.3 7.0 10.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

Tgt Ion:240 Resp: 490467
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.6 10.0
 236 26.3 22.2 33.2





#79

Terphenyl-d14

Concen: 8.632 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

OK-02-051220

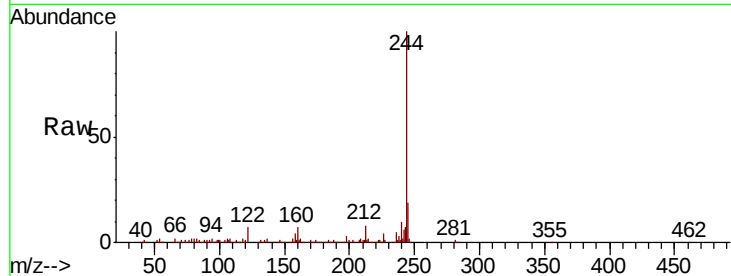
Tot Ion:244 Resp: 194242

Ion Ratio Lower Upper

244 100

212 7.5 7.9 11.9#

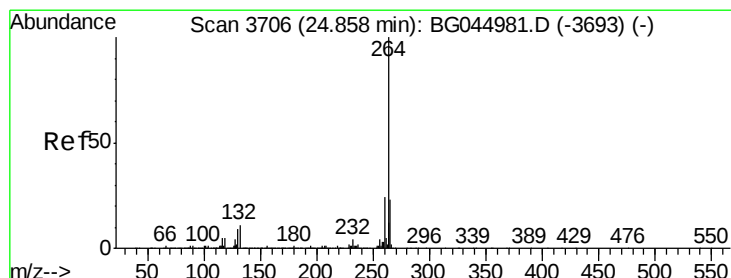
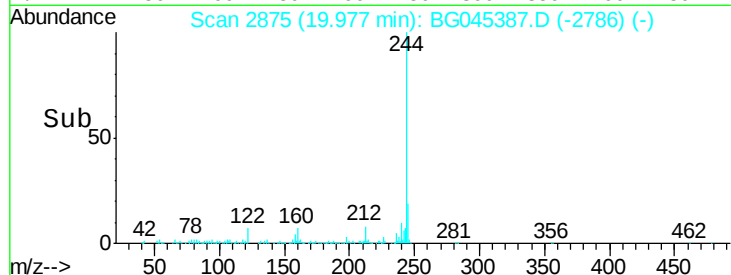
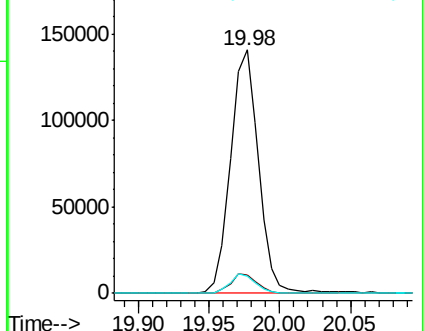
122 7.2 7.7 11.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

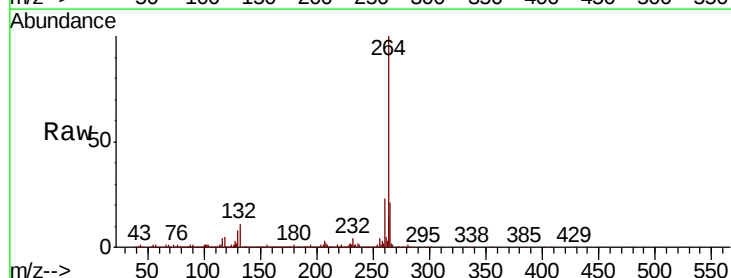
Tgt Ion:264 Resp: 513395

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.6 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

