

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044480.D
 Acq On : 18 Feb 2020 19:58
 Operator : CG/JU
 Sample : L1544-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-4-1

Quant Time: Feb 19 01:34:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	67220	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	278950	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	193951	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	417210	20.00	ng	0.00
76) Chrysene-d12	21.52	240	388512	20.00	ng	-0.02
87) Perylene-d12	24.61	264	415652	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	487073	127.88	ng	0.00
7) Phenol-d6	7.07	99	584125	114.21	ng	0.00
23) Nitrobenzene-d5	9.05	82	440382	89.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	317428	139.41	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1040650	89.85	ng	0.00
79) Terphenyl-d14	19.89	244	1593340	84.36	ng	0.00

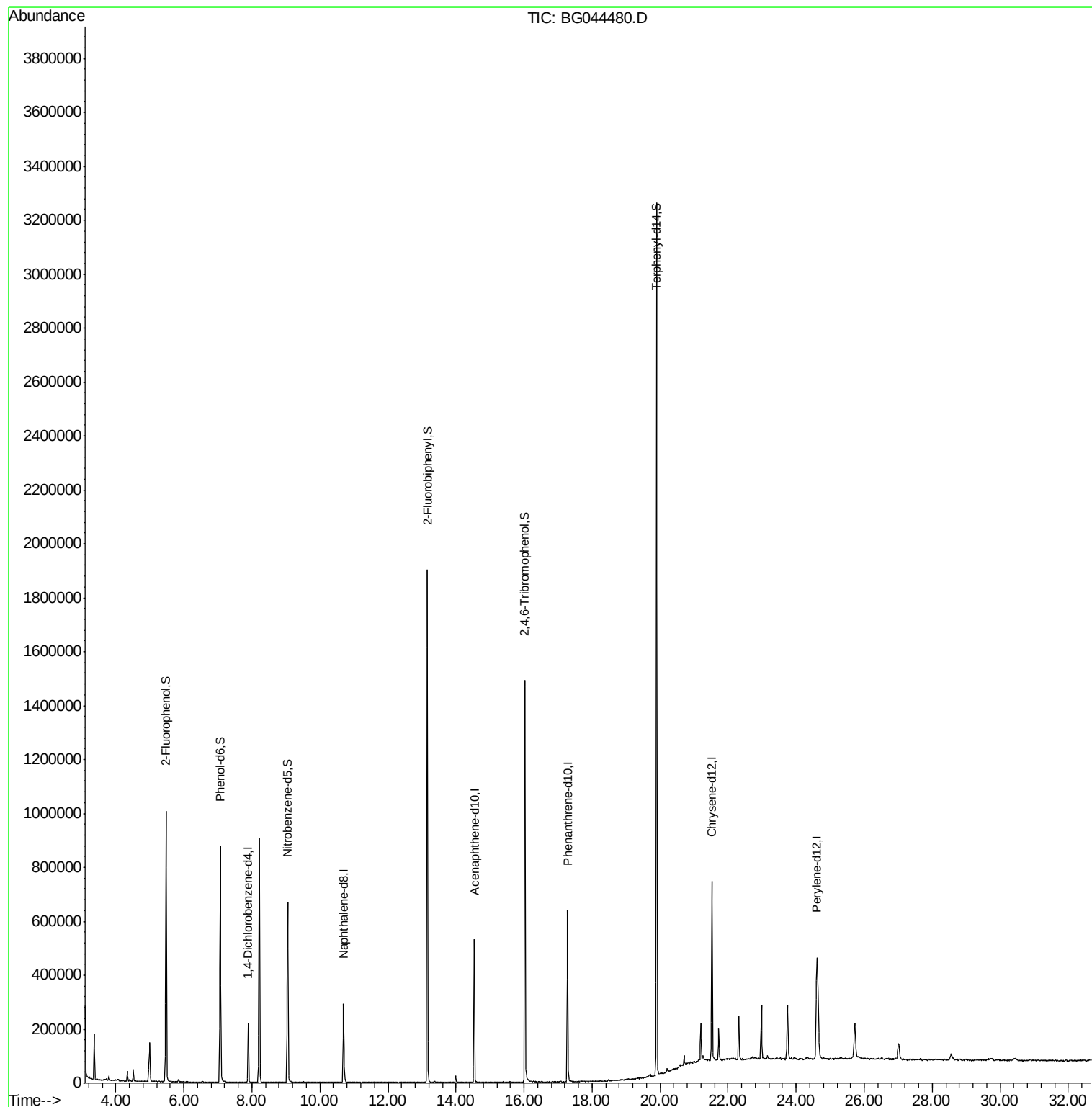
Target Compounds Qvalue

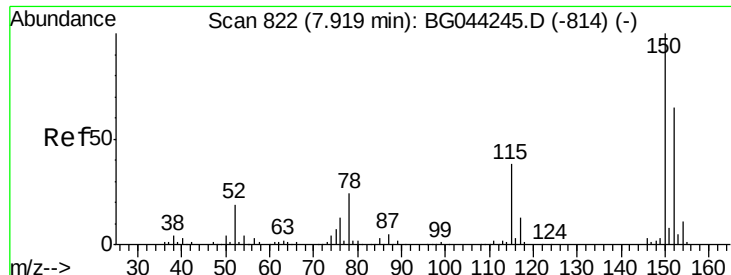
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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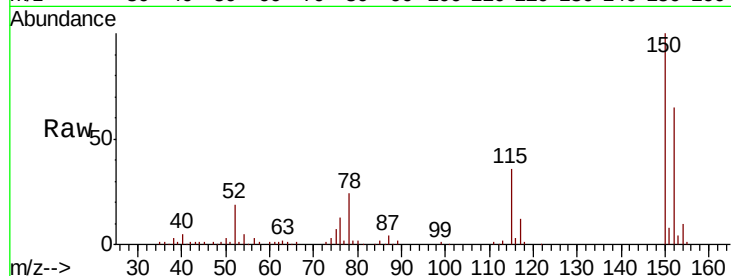


#1

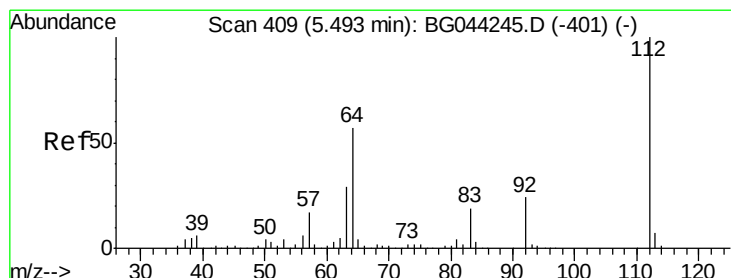
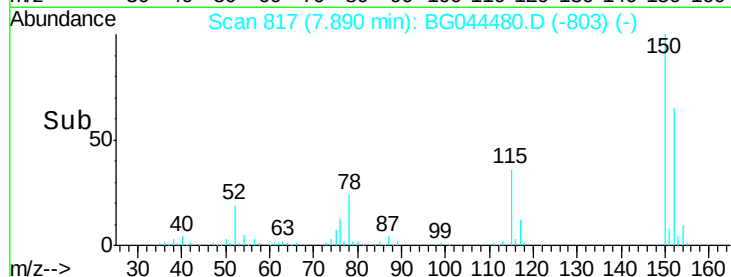
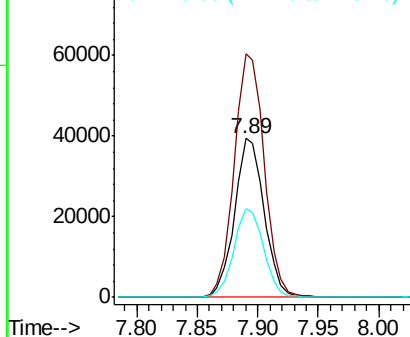
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044480.D
Acq: 18 Feb 2020 19:58

Instrument :
BNA_G
ClientSampled :
2-4-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.6	183.8
115	55.6	46.0	69.0



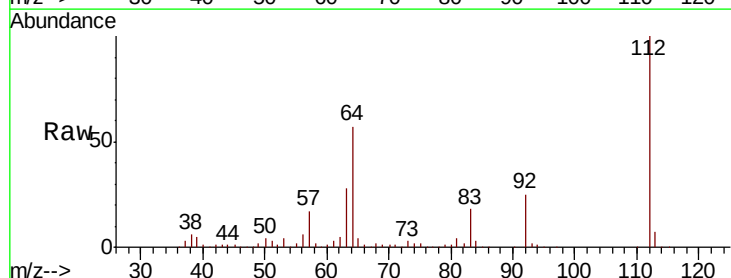
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



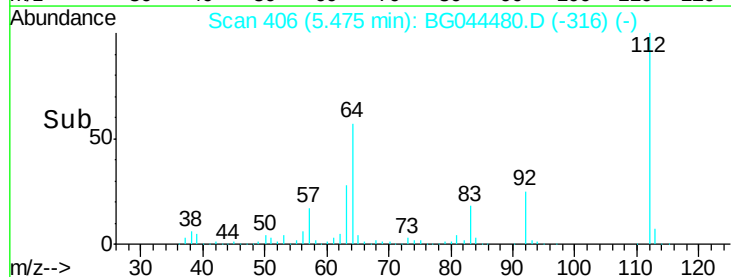
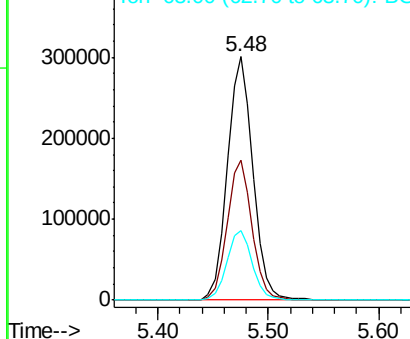
#5

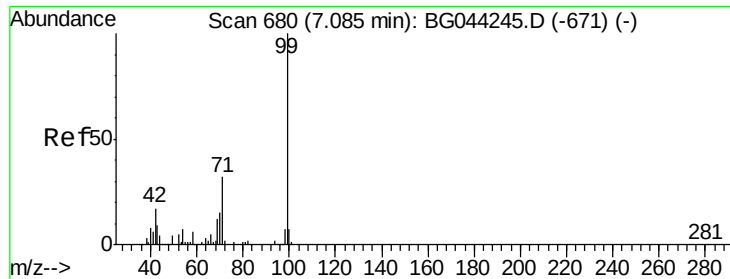
2-Fluorophenol
Concen: 127.880 ng
RT: 5.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: BG044480.D
Acq: 18 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	28.4	22.9	34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.205 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044480.D

Acq: 18 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

2-4-1

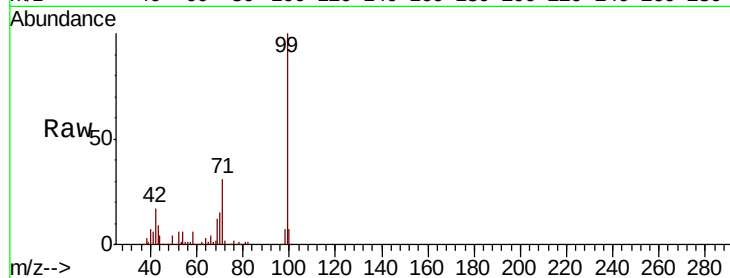
Tot Ion: 99 Resp: 584125

Ion Ratio Lower Upper

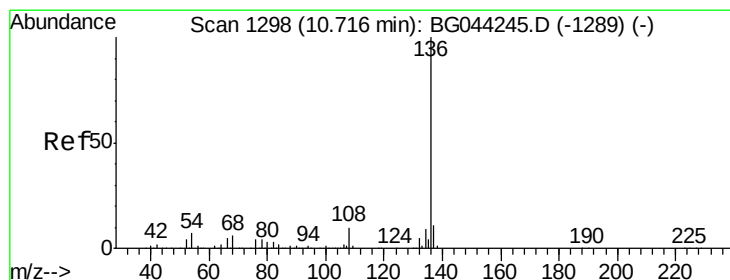
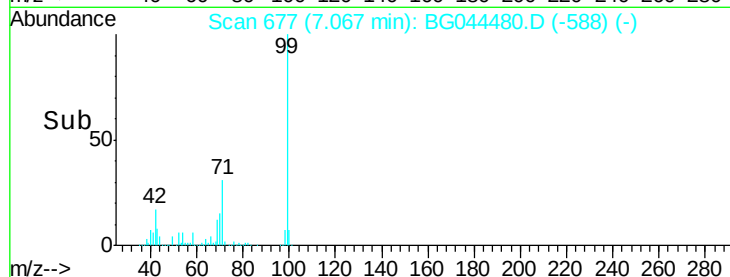
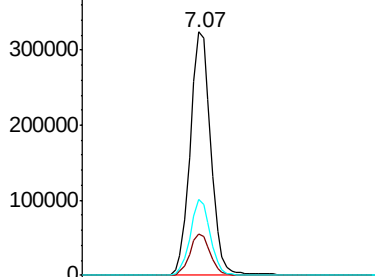
99 100

42 16.8 13.8 20.6

71 31.3 25.5 38.3



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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044480.D

Acq: 18 Feb 2020 19:58

Tgt Ion: 136 Resp: 278950

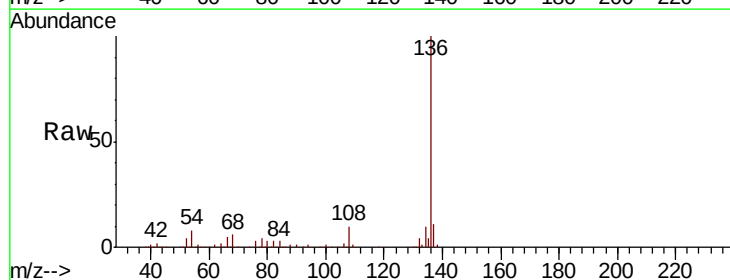
Ion Ratio Lower Upper

136 100

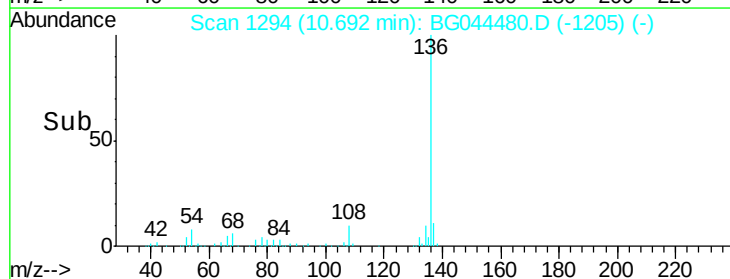
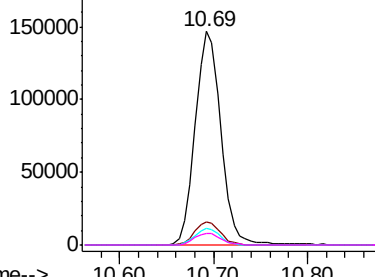
137 11.0 8.8 13.2

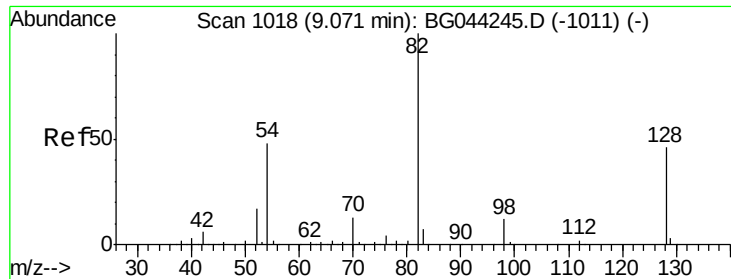
54 7.5 5.8 8.8

68 5.6 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

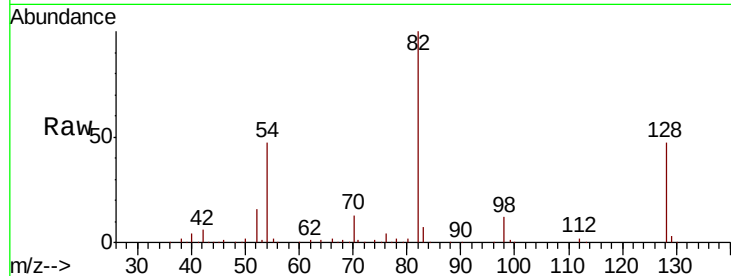




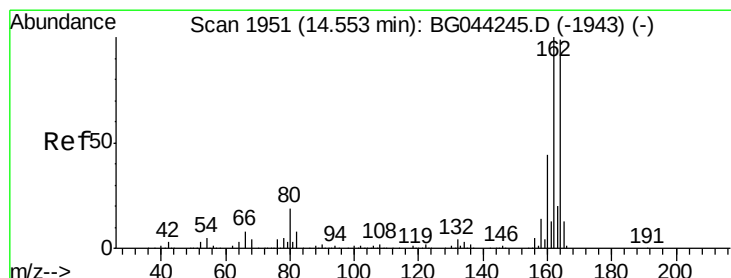
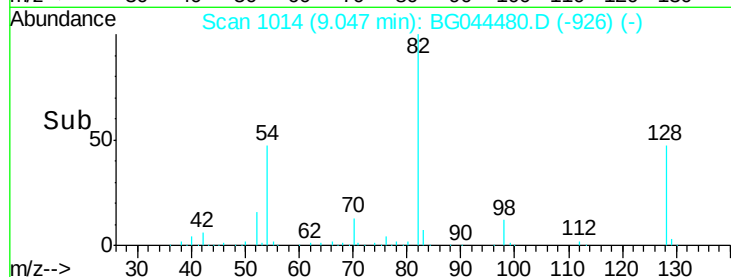
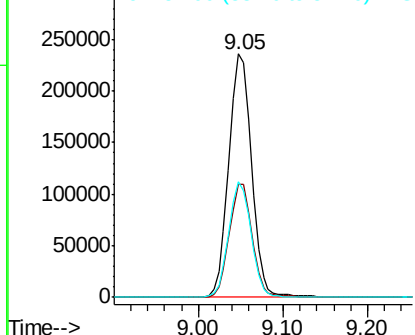
#23
 Nitrobenzene-d5
 Concen: 89.128 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

Instrument :
 BNA_G
 ClientSampleId :
 2-4-1

Tot Ion	82	Resp	440382
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	47.4	38.6	58.0

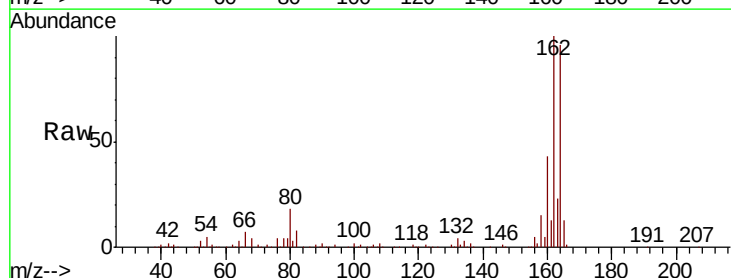


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

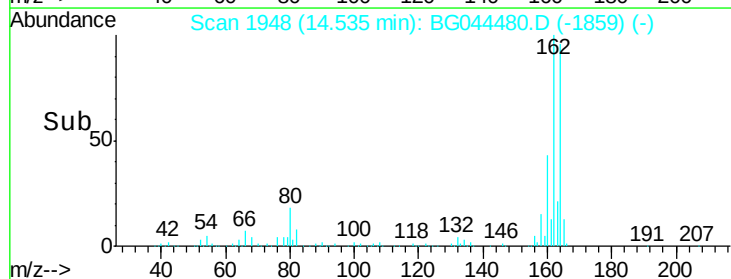
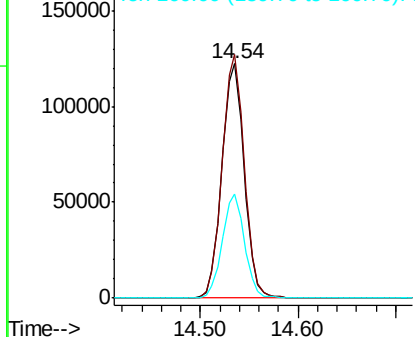


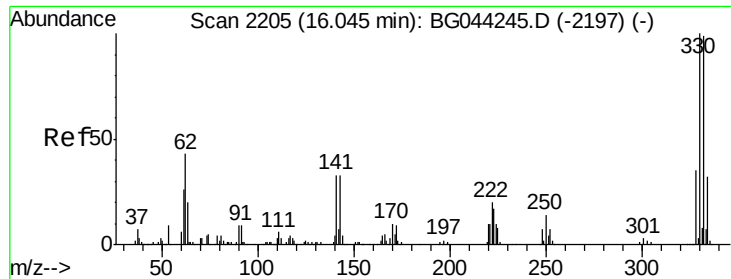
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

Tgt Ion	164	Resp	193951
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	104.0	35.3	52.9



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

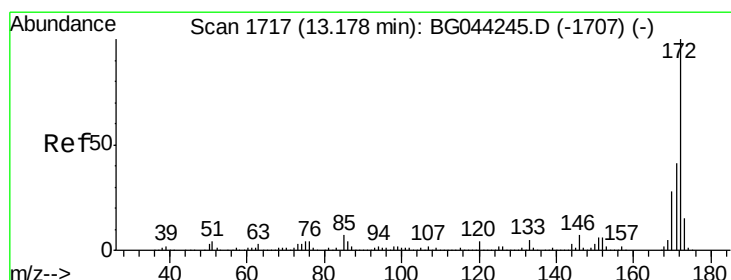
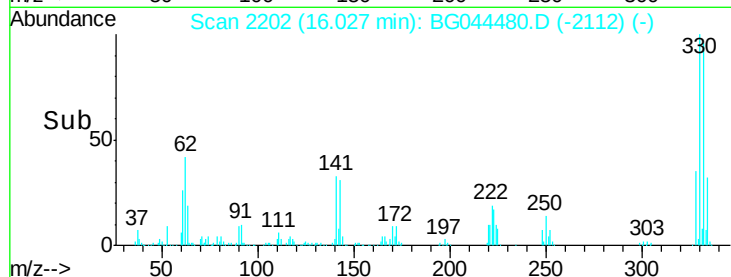
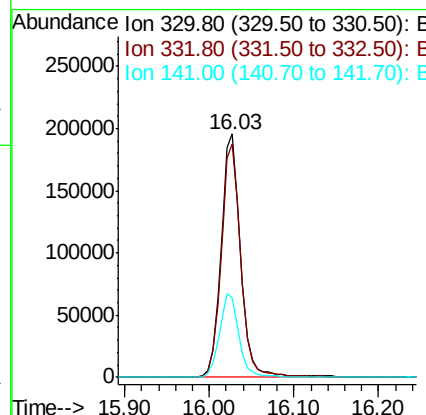
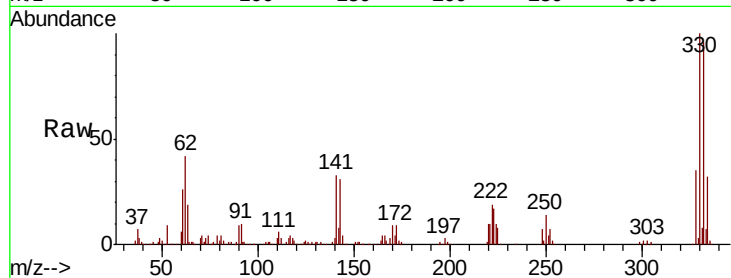




#42
 2,4,6-Tribromophenol
 Concen: 139.414 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

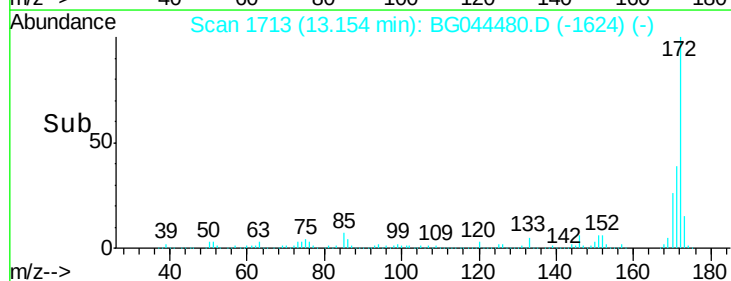
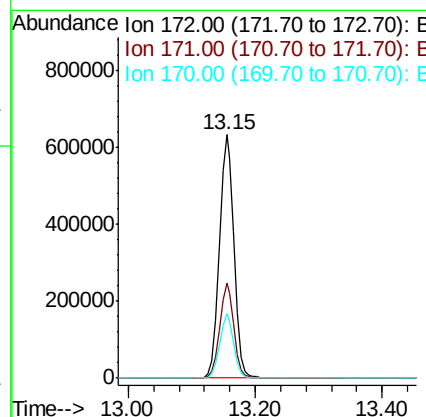
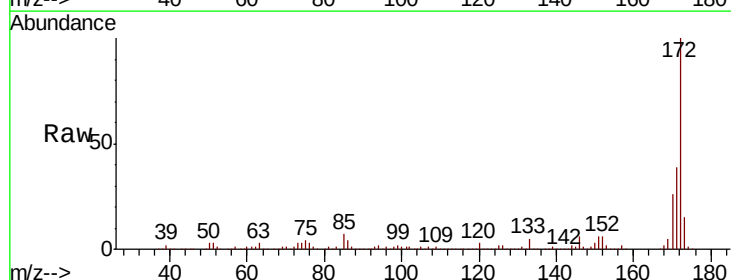
Instrument :
 BNA_G
 ClientSampled :
 2-4-1

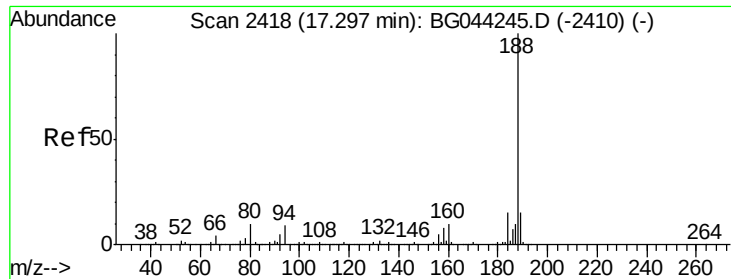
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	35.0	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 89.849 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.9	49.3
170	26.2	22.0	33.0

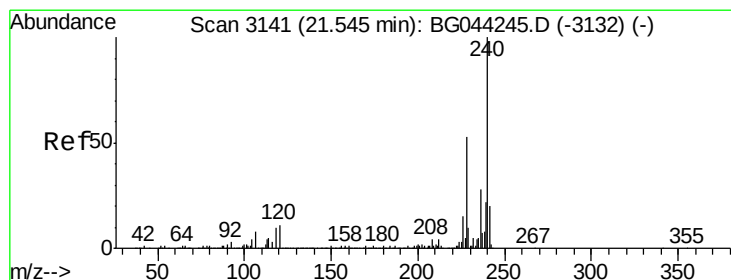
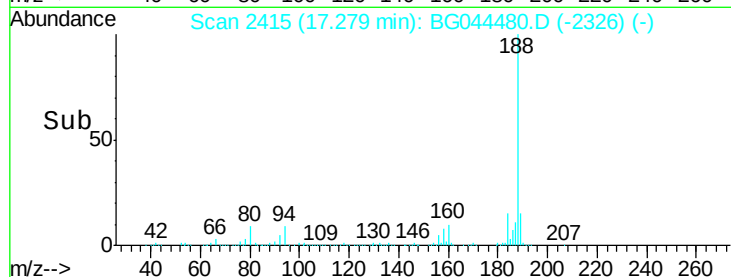
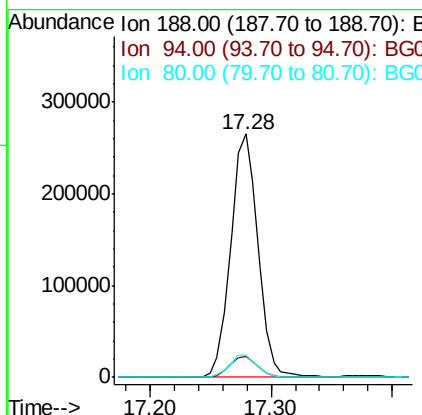
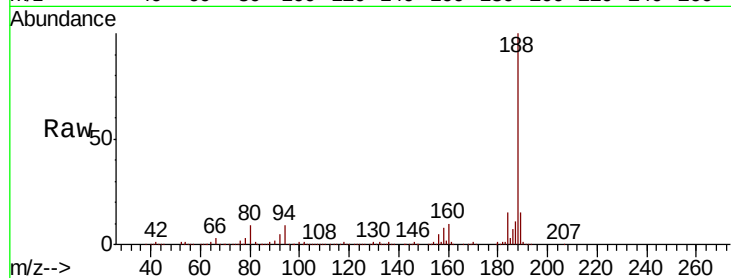




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

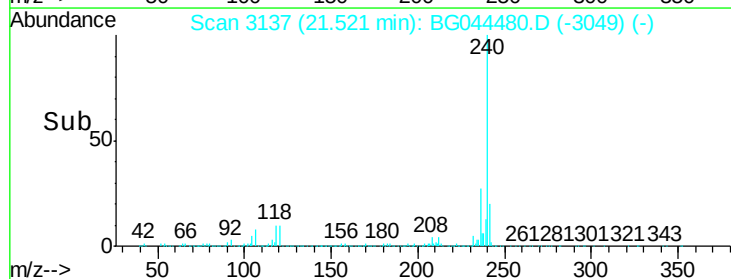
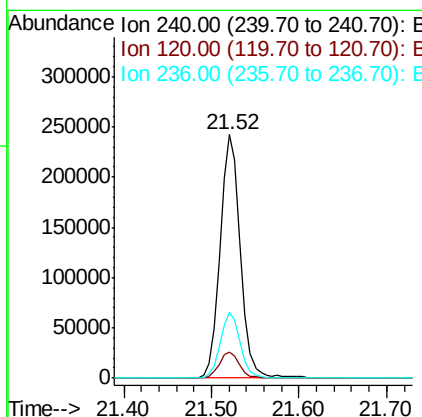
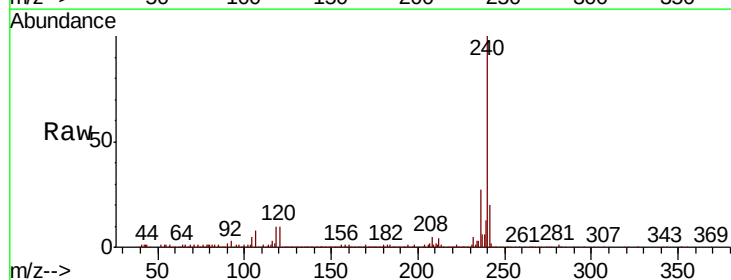
Instrument :
 BNA_G
 ClientSampleId :
 2-4-1

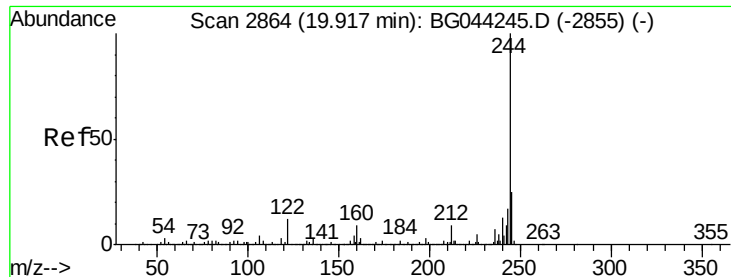
Tot Ion:188 Resp: 417210
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.3 7.7 11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044480.D
 Acq: 18 Feb 2020 19:58

Tgt Ion:240 Resp: 388512
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.9 22.1 33.1





#79

Terphenyl-d14

Concen: 84.355 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044480.D

Acq: 18 Feb 2020 19:58

Instrument :

BNA_G

ClientSampled :

2-4-1

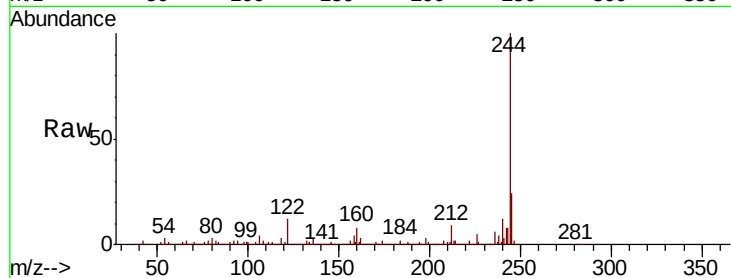
Tot Ion:244 Resp: 1593340

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

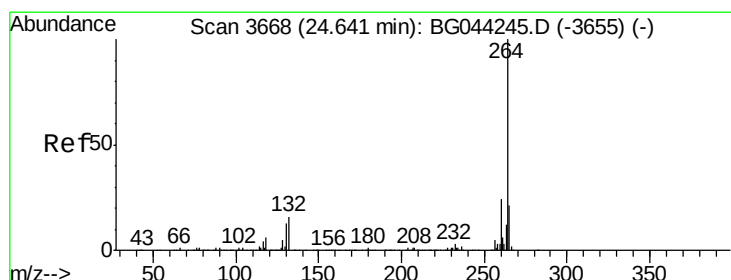
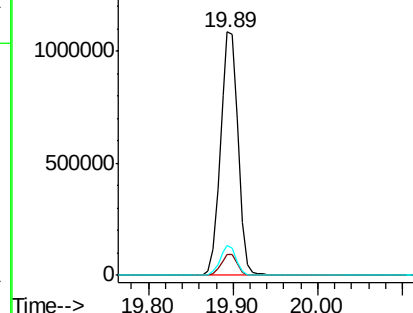
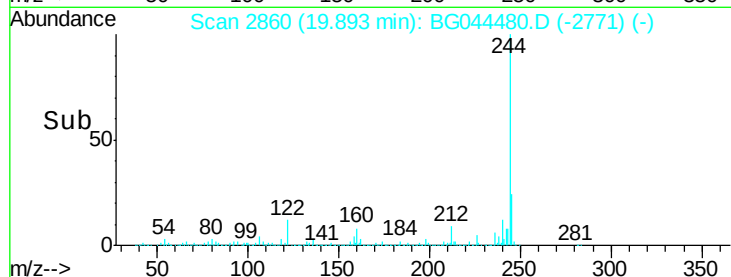
122 12.1 9.8 14.6



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: 24.61 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044480.D

Acq: 18 Feb 2020 19:58

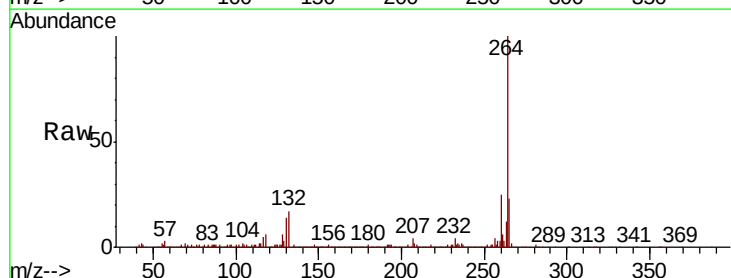
Tgt Ion:264 Resp: 415652

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 23.2 16.7 25.1



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

