

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043306.D
 Acq On : 22 Oct 2019 14:30
 Operator : JU
 Sample : K5453-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT1496

Quant Time: Oct 22 18:32:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35280	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	110732	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88814	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	220426	20.00	ng	0.00
76) Chrysene-d12	21.67	240	294769	20.00	ng	0.00
87) Perylene-d12	24.87	264	335181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	255398	132.65	ng	0.00
7) Phenol-d6	7.20	99	337465	121.83	ng	0.00
23) Nitrobenzene-d5	9.19	82	214111	99.69	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	241825	143.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	592730	92.22	ng	0.00
79) Terphenyl-d14	20.01	244	1462070	93.05	ng	0.00

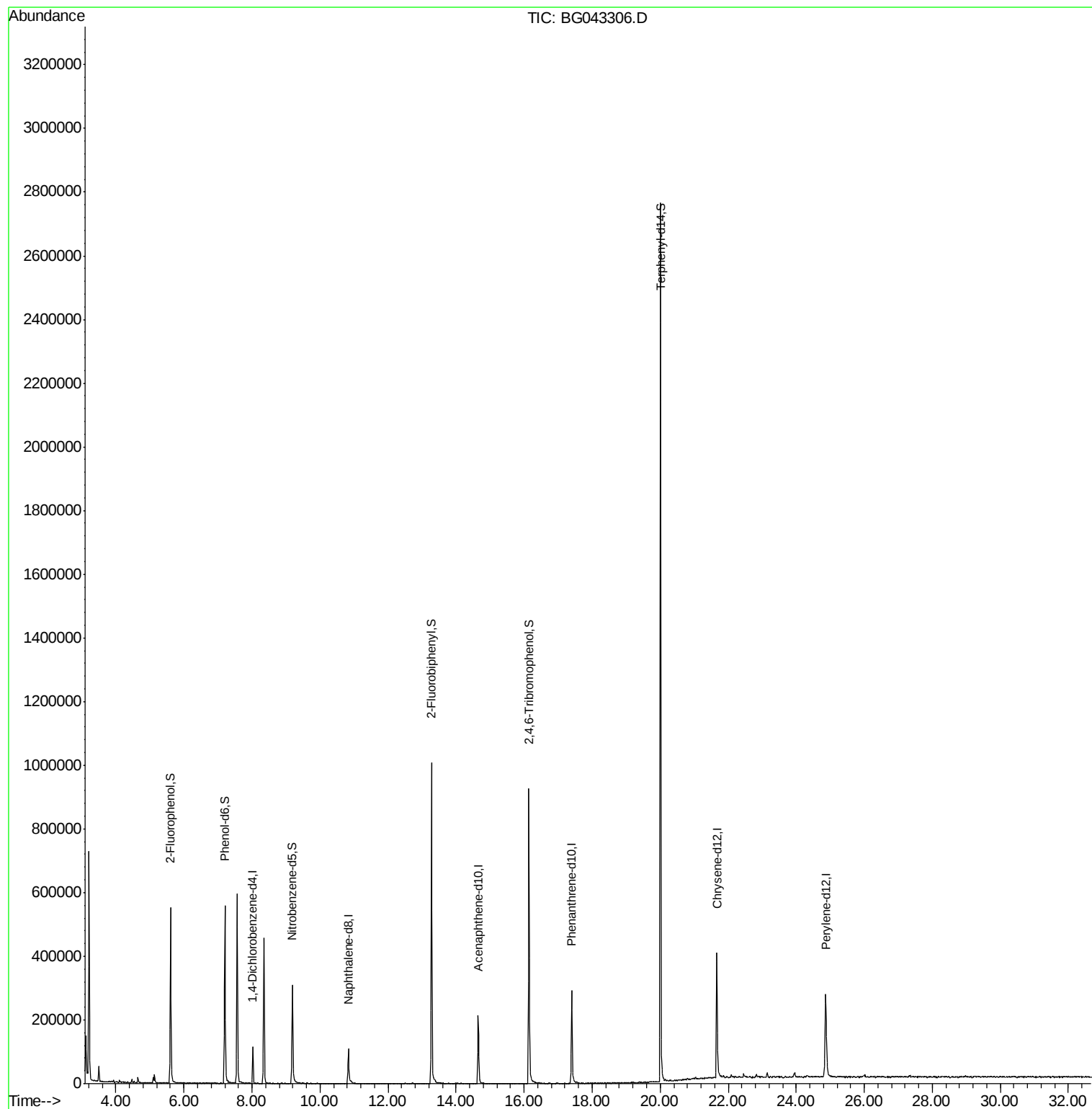
Target Compounds Qvalue

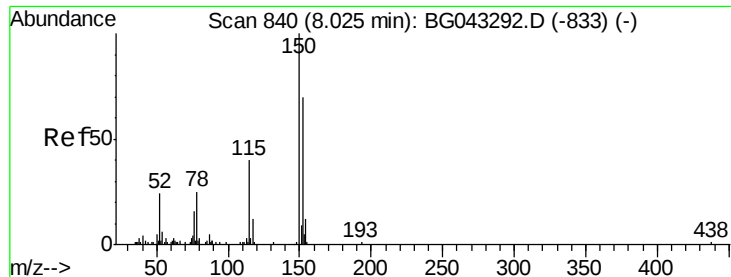
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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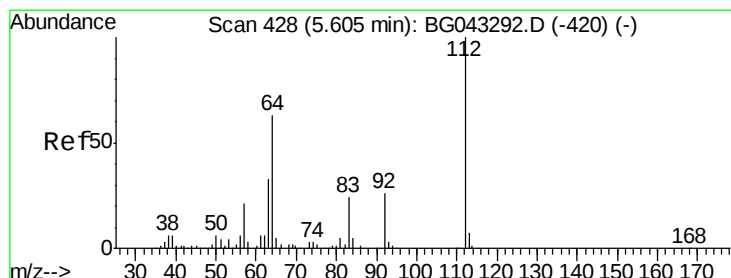
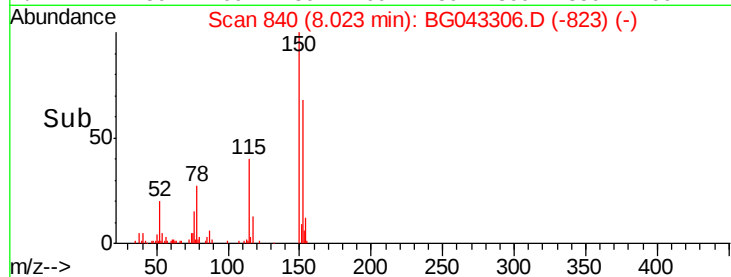
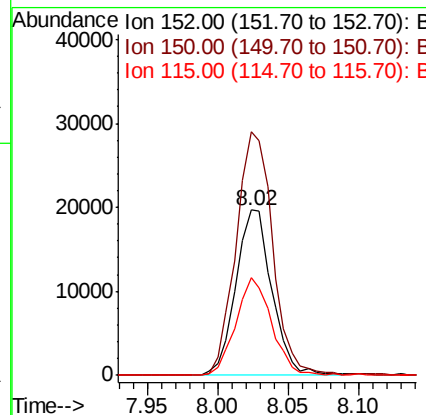
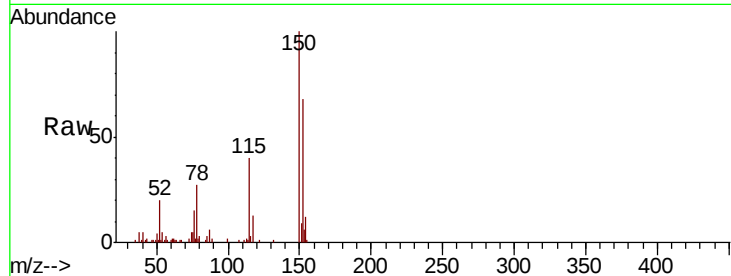


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043306.D
Acq: 22 Oct 2019 14:30

Instrument :
BNA_G
ClientSampleId :
RT1496

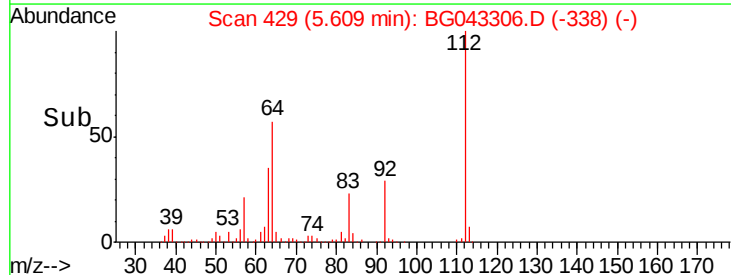
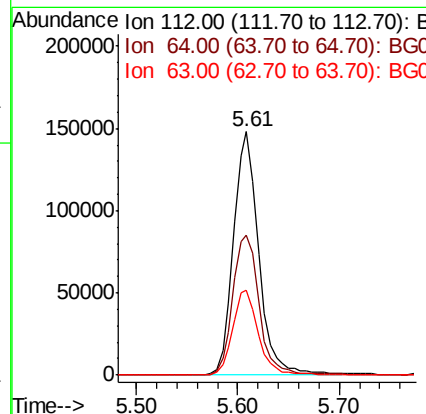
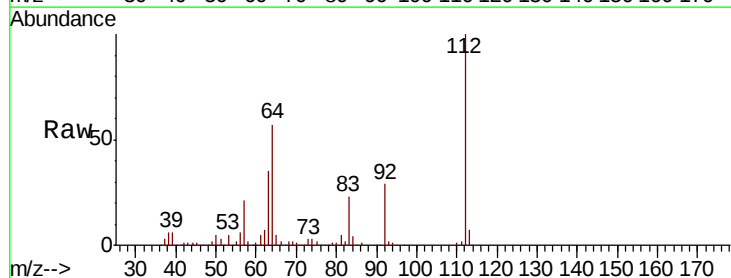
Tot Ion	152	Resp	35280
Ion	Ratio	Lower	Upper
152	100		
150	147.1	113.6	170.4
115	59.3	45.9	68.9

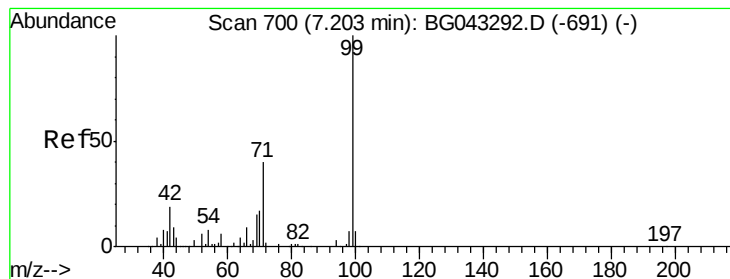


#5

2-Fluorophenol
Concen: 132.654 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043306.D
Acq: 22 Oct 2019 14:30

Tgt Ion	112	Resp	255398
Ion	Ratio	Lower	Upper
112	100		
64	57.4	50.2	75.2
63	34.7	26.7	40.1





#7

Phenol-d6

Concen: 121.827 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

Instrument :

BNA_G

ClientSampleId :

RT1496

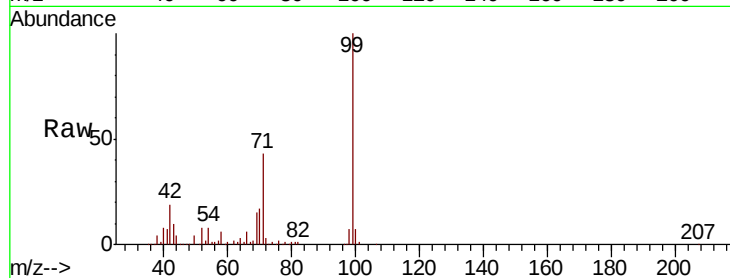
Tot Ion: 99 Resp: 337465

Ion Ratio Lower Upper

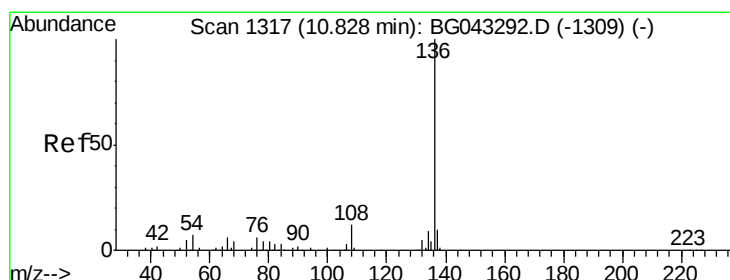
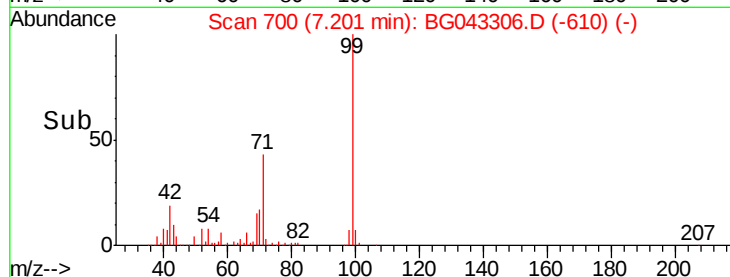
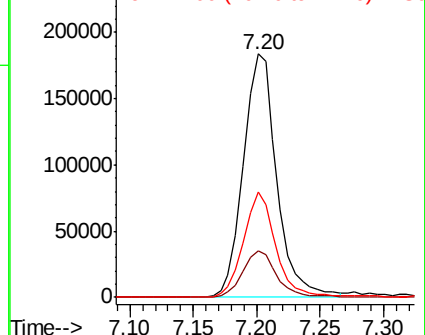
99 100

42 19.1 14.9 22.3

71 43.1 32.2 48.2



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

Tgt Ion: 136 Resp: 110732

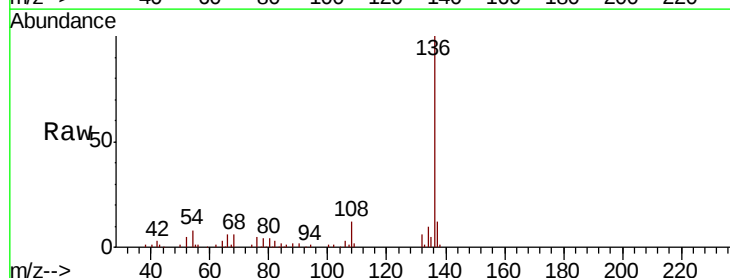
Ion Ratio Lower Upper

136 100

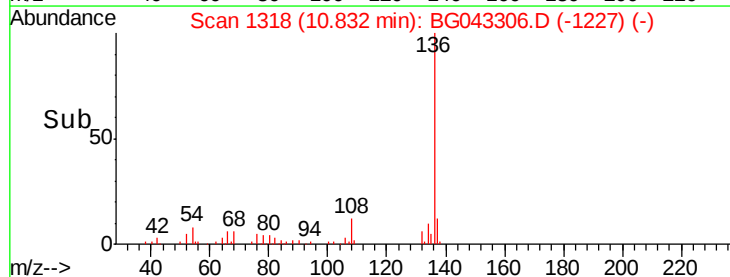
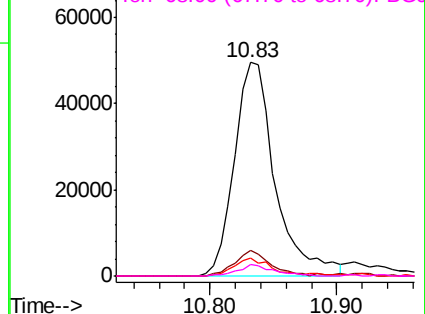
137 11.9 8.2 12.2

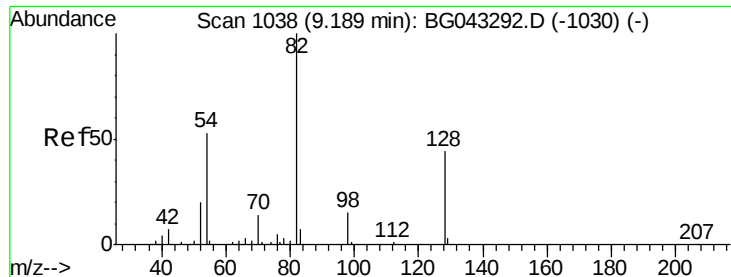
54 8.1 5.4 8.2

68 5.6 3.3 4.9#



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

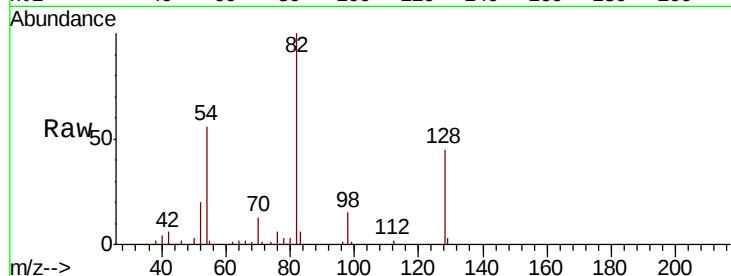




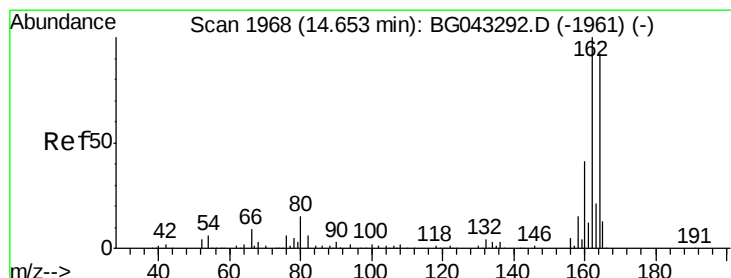
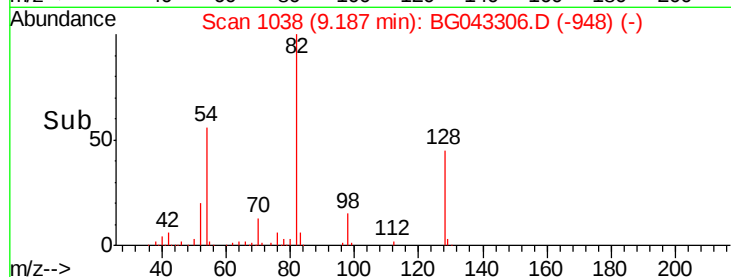
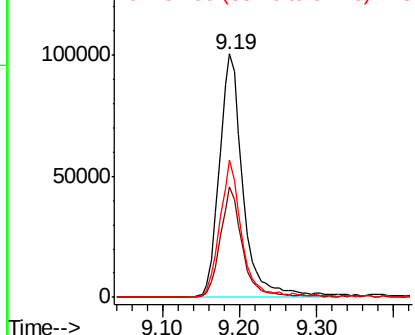
#23
Nitrobenzene-d5
Concen: 99.686 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043306.D
Acq: 22 Oct 2019 14:30

Instrument :
BNA_G
ClientSampleId :
RT1496

Tot Ion	82	Resp	214111
Ion Ratio	Lower	Upper	
82	100		
128	45.2	35.3	52.9
54	56.3	42.3	63.5

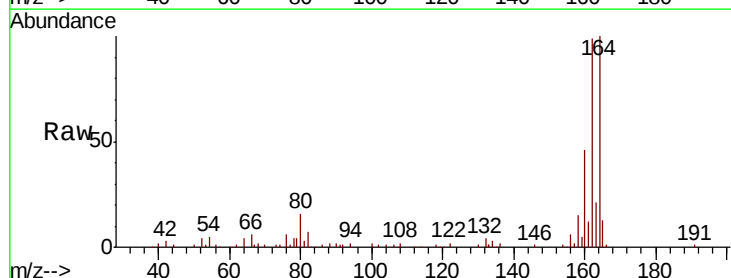


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

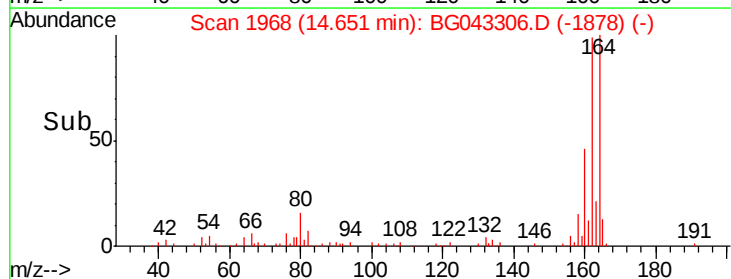
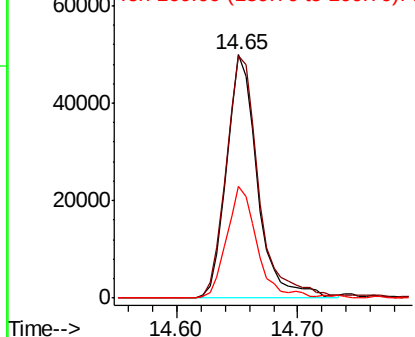


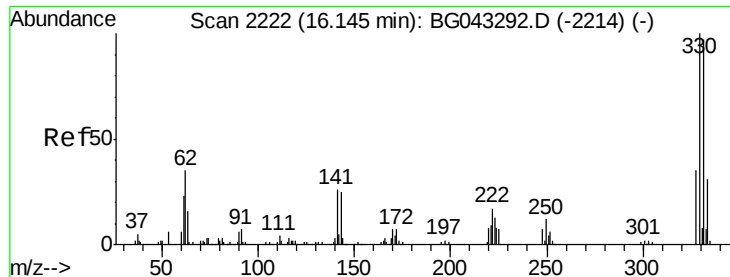
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043306.D
Acq: 22 Oct 2019 14:30

Tgt Ion	164	Resp	88814
Ion Ratio	Lower	Upper	
164	100		
162	99.3	87.0	130.4
160	45.7	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

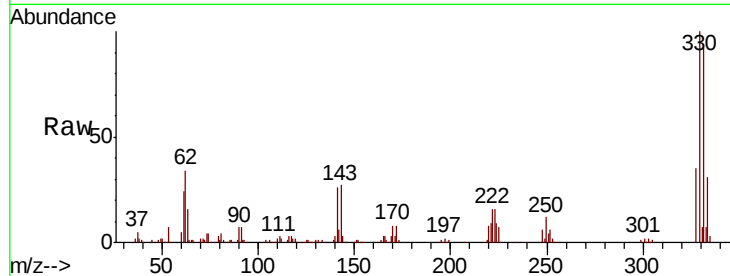




#42
 2,4,6-Tribromophenol
 Concen: 143.080 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043306.D
 Acq: 22 Oct 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 RT1496

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.4	114.6
141	27.6	21.4	32.0

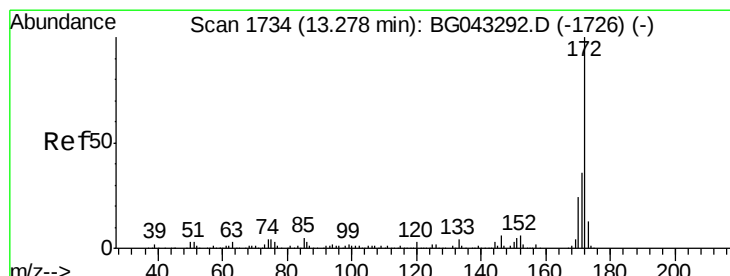
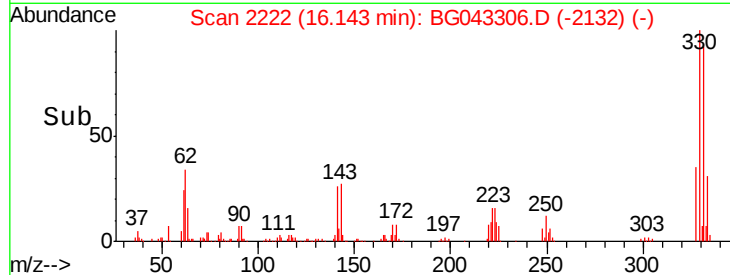
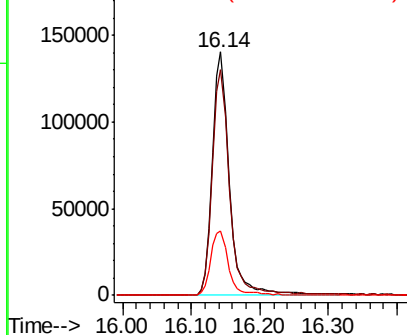


Abundance

Ion 329.80 (329.50 to 330.50): E

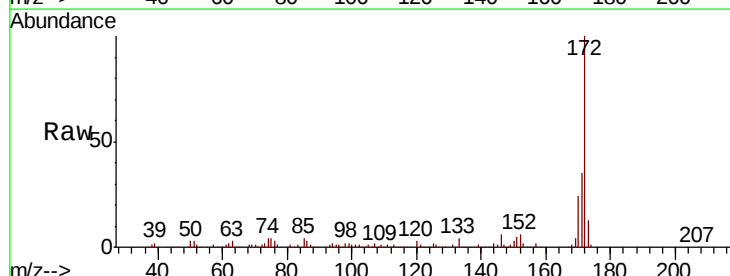
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.219 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043306.D
 Acq: 22 Oct 2019 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.1	18.8	28.2

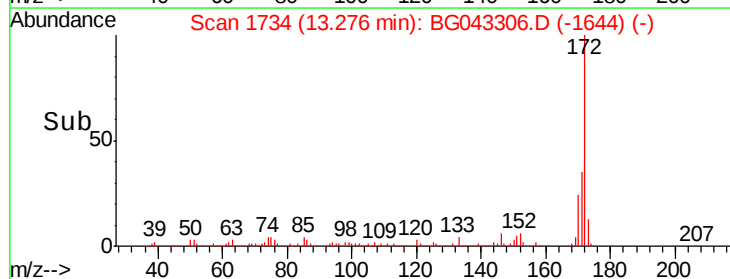
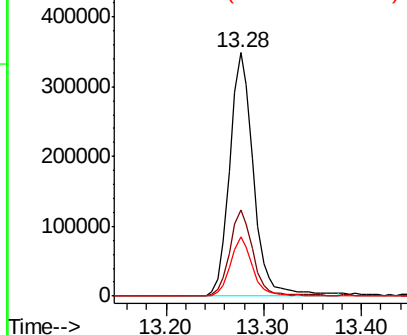


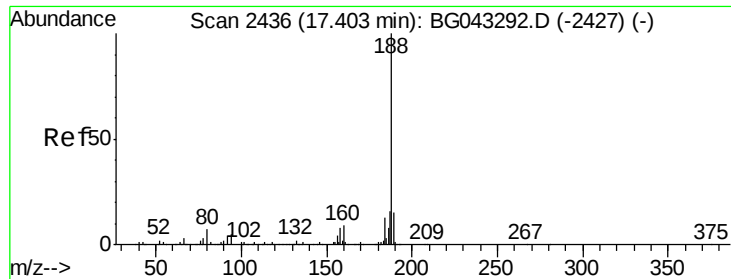
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

Instrument :

BNA_G

ClientSampleId :

RT1496

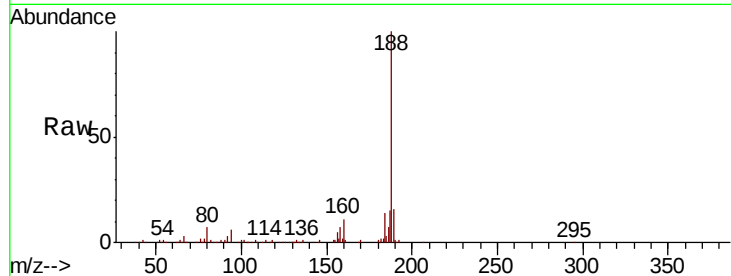
Tot Ion:188 Resp: 220426

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

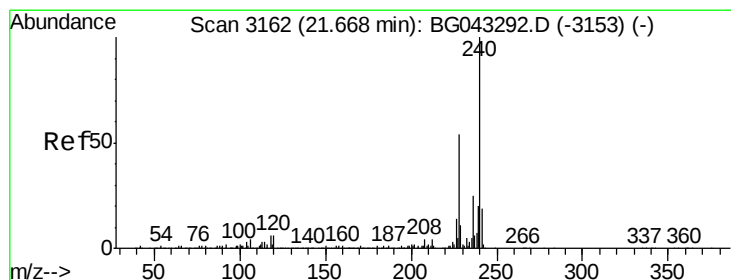
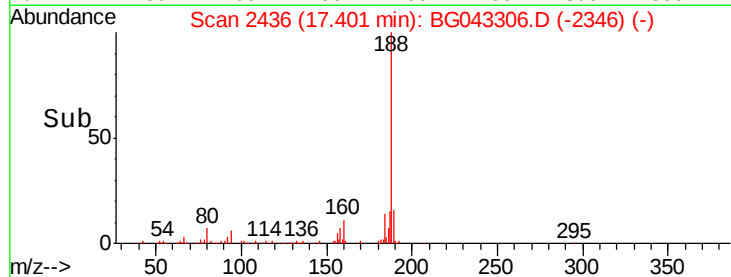
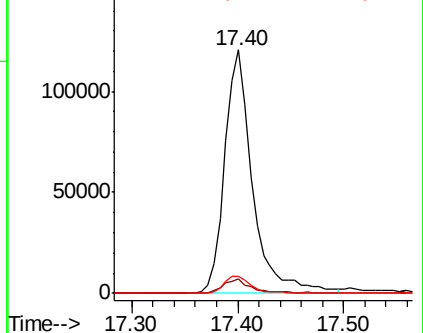
80 6.8 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

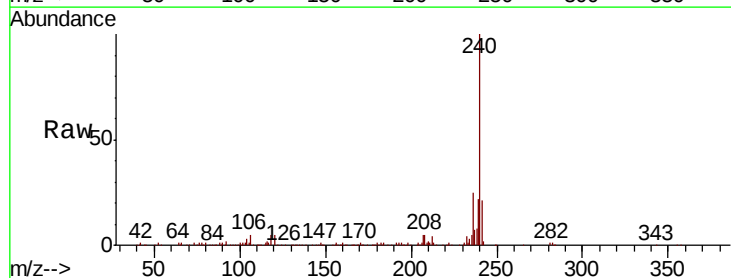
Tgt Ion:240 Resp: 294769

Ion Ratio Lower Upper

240 100

120 4.8 4.6 7.0

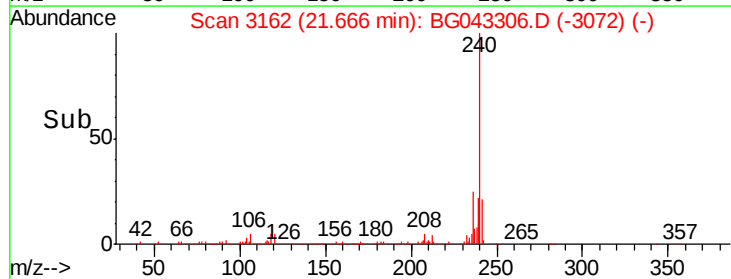
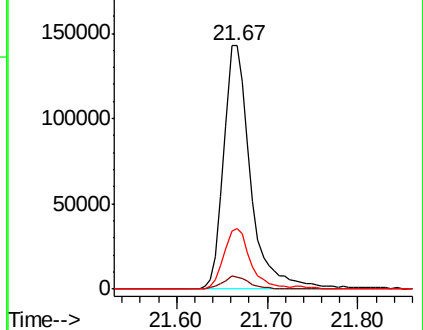
236 25.0 20.2 30.4

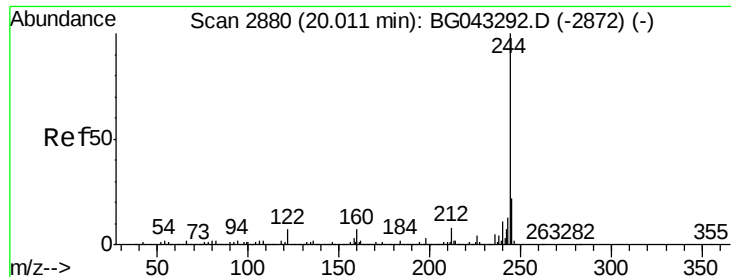


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.053 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

Instrument :

BNA_G

ClientSampled :

RT1496

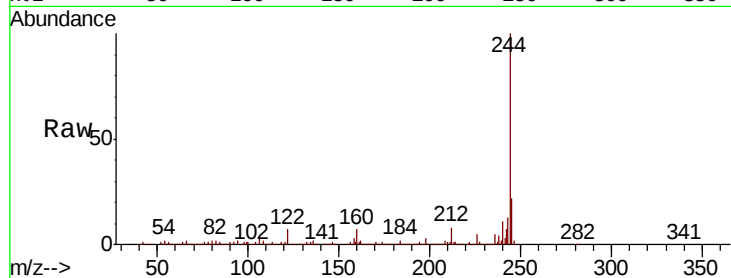
Tot Ion:244 Resp: 1462070

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

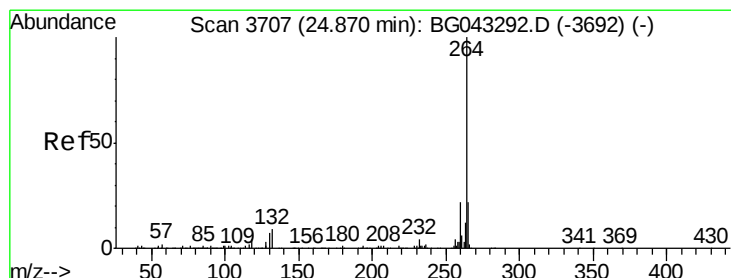
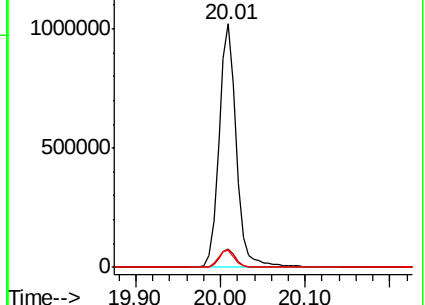
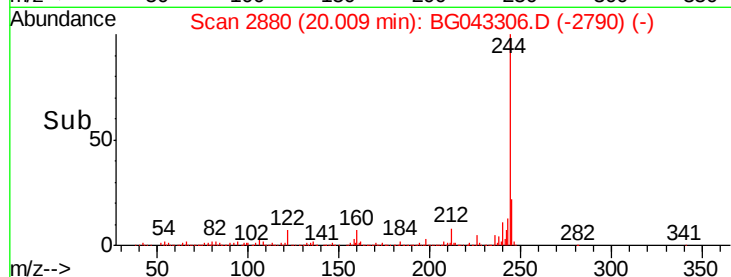
122 6.8 5.3 7.9



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: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043306.D

Acq: 22 Oct 2019 14:30

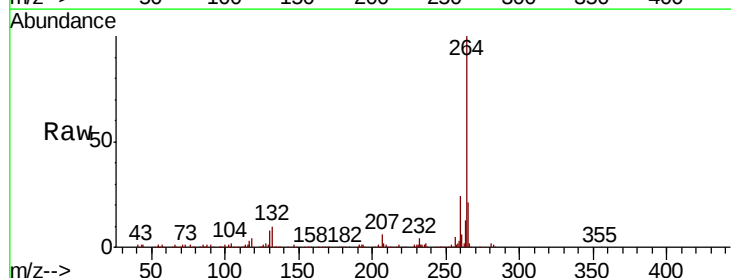
Tgt Ion:264 Resp: 335181

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 21.3 17.4 26.2



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

