

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043662.D
 Acq On : 15 Nov 2019 22:29
 Operator : JU
 Sample : K5668-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Quant Time: Nov 16 02:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	22825	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	74029	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	60586	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	165659	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	198180	20.00	ng	-0.02
87) Perylene-d12	24.81	264	226365	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	175847	141.17	ng	0.00
7) Phenol-d6	7.19	99	238334	132.99	ng	0.00
23) Nitrobenzene-d5	9.16	82	140106	97.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	152437	132.21	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	409515	93.40	ng	-0.02
79) Terphenyl-d14	19.98	244	1052788	99.66	ng	-0.02

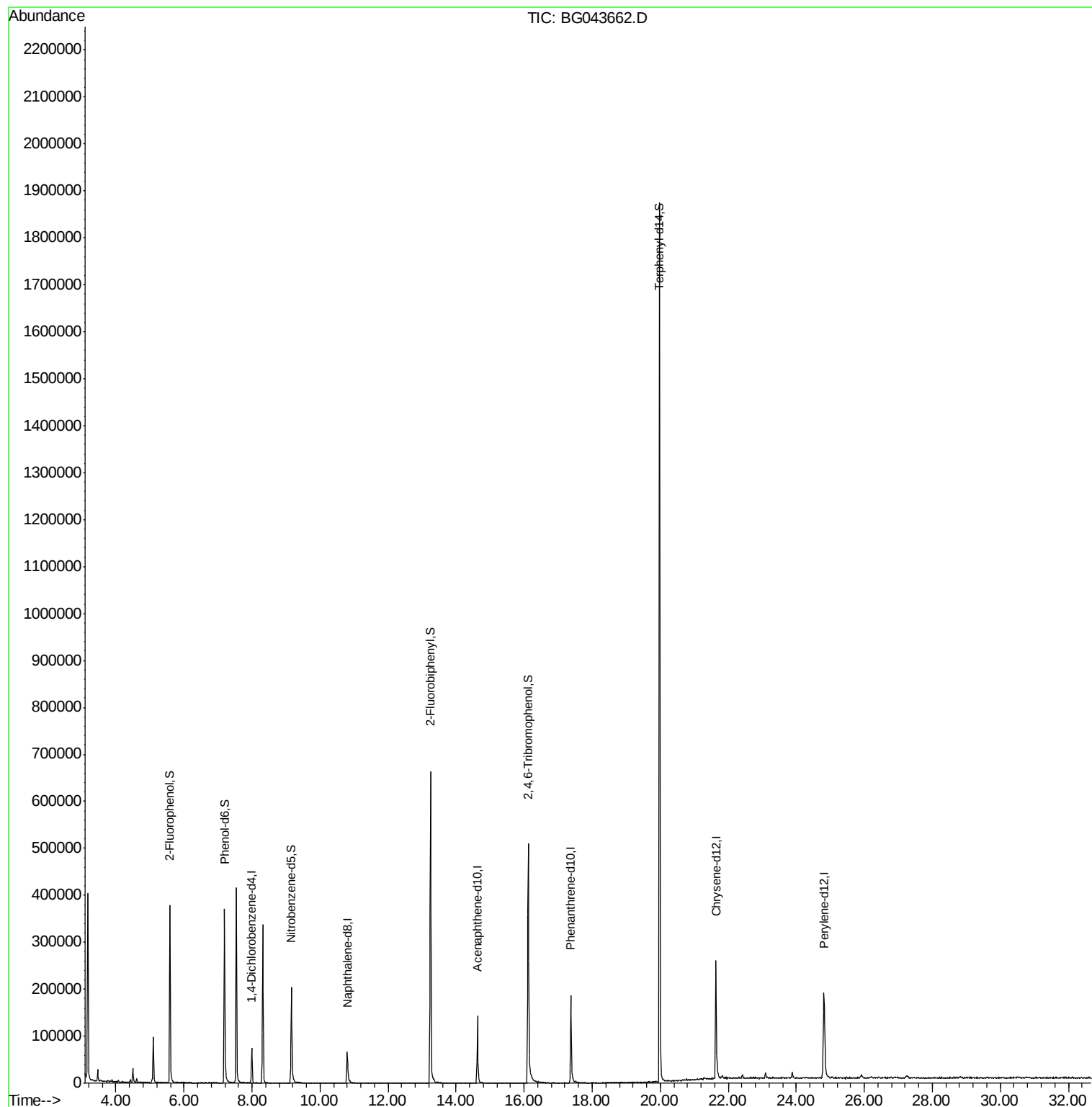
Target Compounds Qvalue

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

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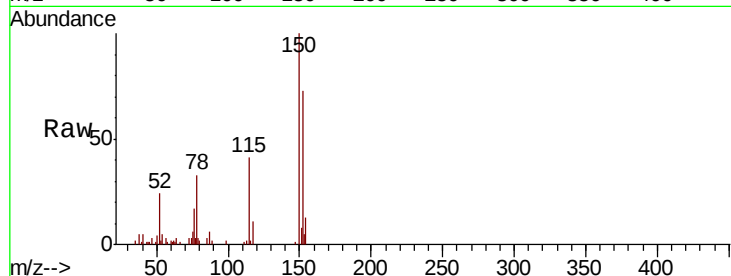


#1

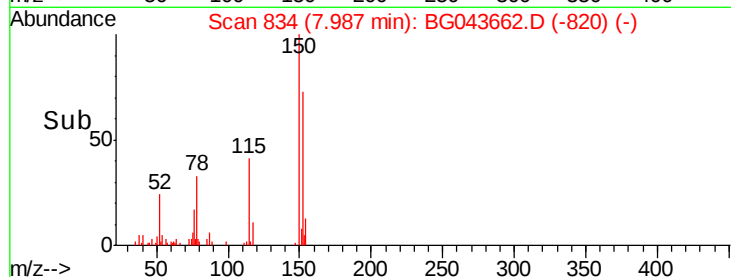
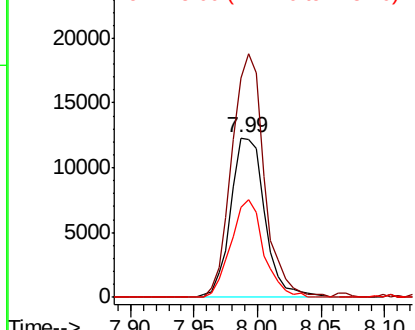
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tot Ion:152 Resp: 22825
Ion Ratio Lower Upper
152 100
150 137.3 129.4 194.0
115 56.2 48.8 73.2



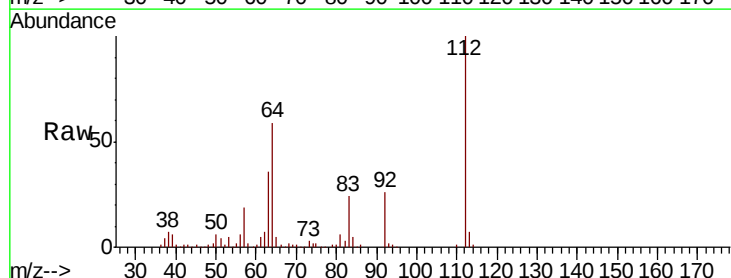
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



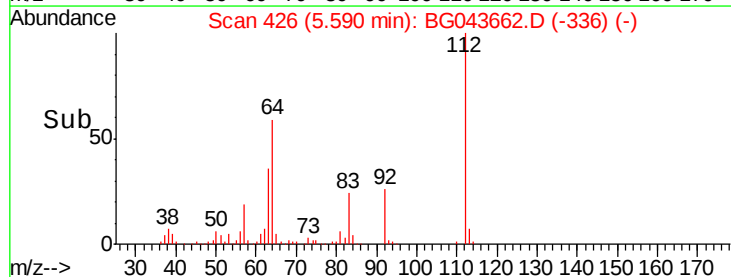
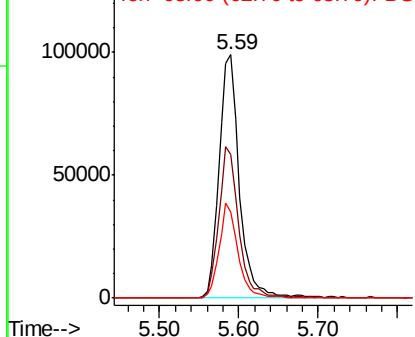
#5

2-Fluorophenol
Concen: 141.174 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:112 Resp: 175847
Ion Ratio Lower Upper
112 100
64 58.8 50.0 75.0
63 35.6 26.6 40.0



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





#7

Phenol-d6

Concen: 132.989 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043662.D

Acq: 15 Nov 2019 22:29

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

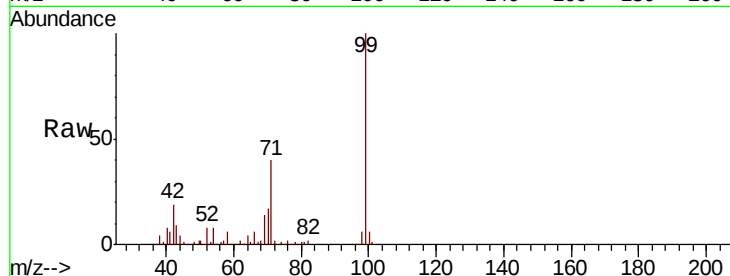
Tot Ion: 99 Resp: 238334

Ion Ratio Lower Upper

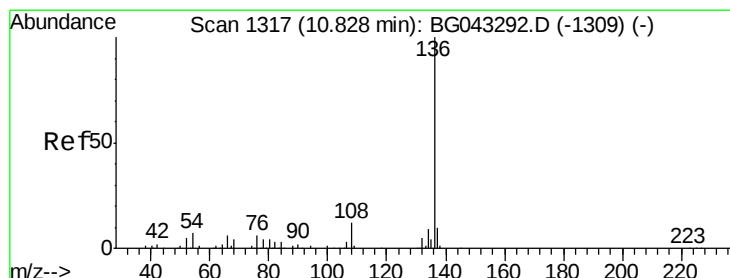
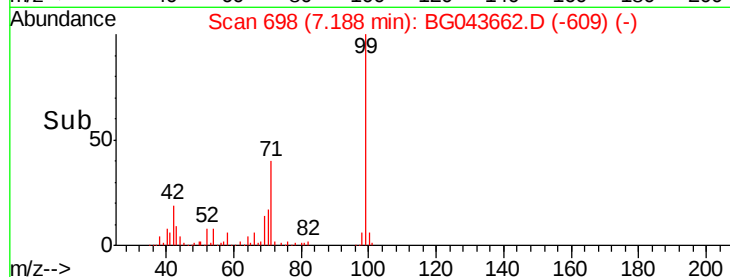
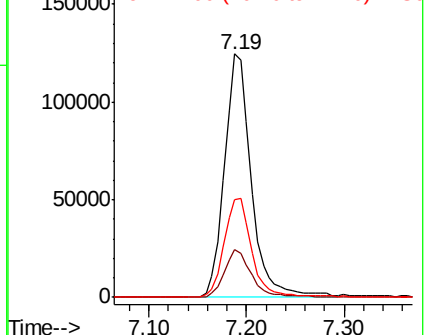
99 100

42 19.4 14.6 21.8

71 40.4 32.5 48.7



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043662.D

Acq: 15 Nov 2019 22:29

Tgt Ion: 136 Resp: 74029

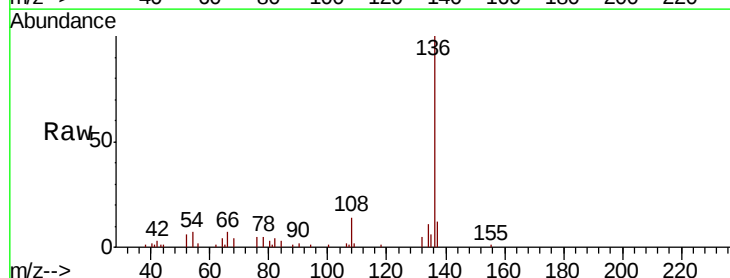
Ion Ratio Lower Upper

136 100

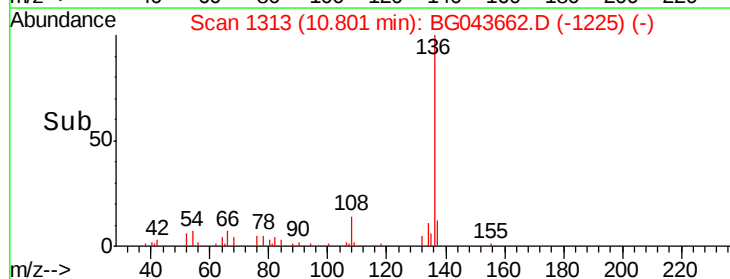
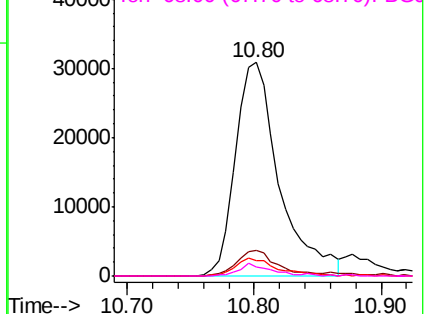
137 12.0 8.7 13.1

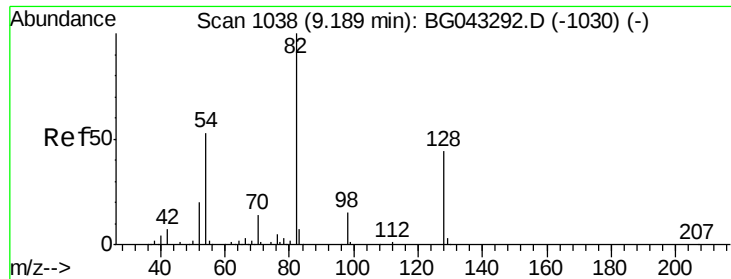
54 7.0 5.4 8.2

68 4.2 3.0 4.4



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

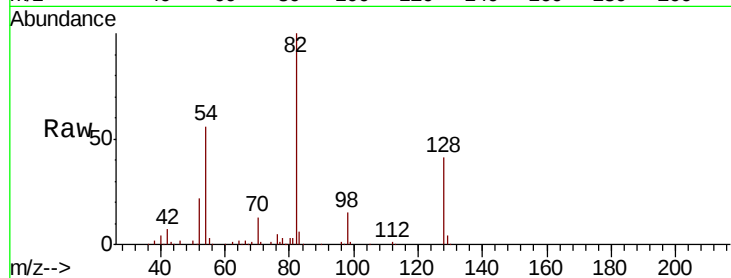




#23
Nitrobenzene-d5
Concen: 97.571 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tot Ion	82	Resp	140106
Ion Ratio	Lower	Upper	
82	100		
128	41.3	35.0	52.6
54	55.9	40.2	60.2

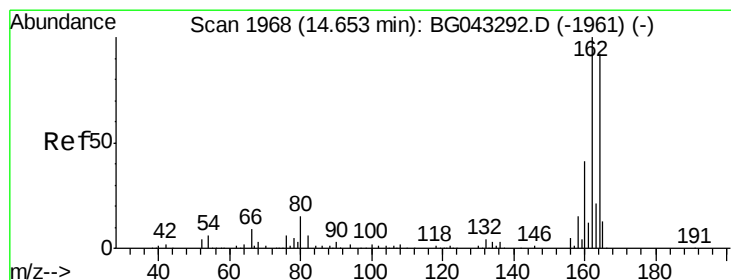
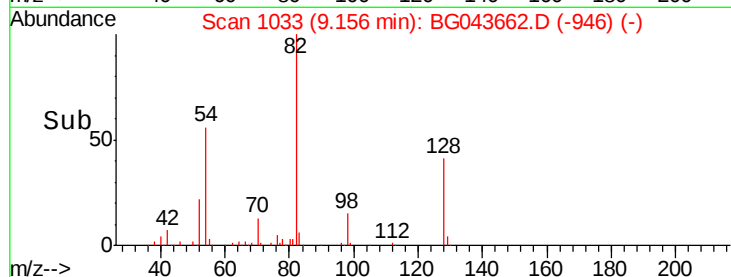
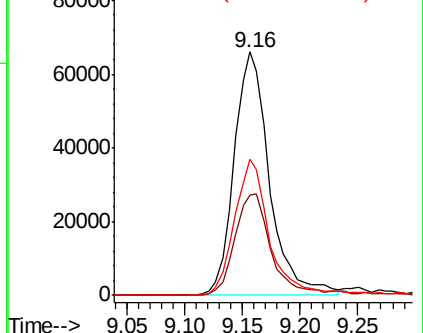


Abundance

Ion 82.00 (81.70 to 82.70): BGC

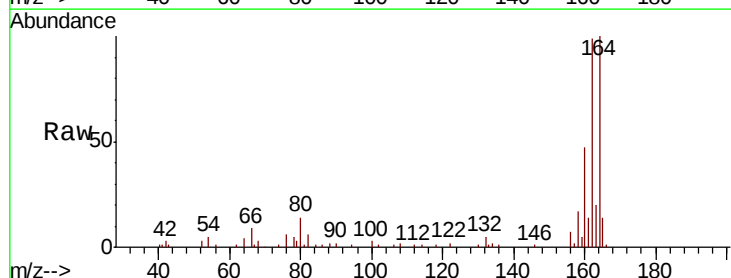
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion	164	Resp	60586
Ion Ratio	Lower	Upper	
164	100		
162	98.8	83.5	125.3
160	46.7	36.5	54.7

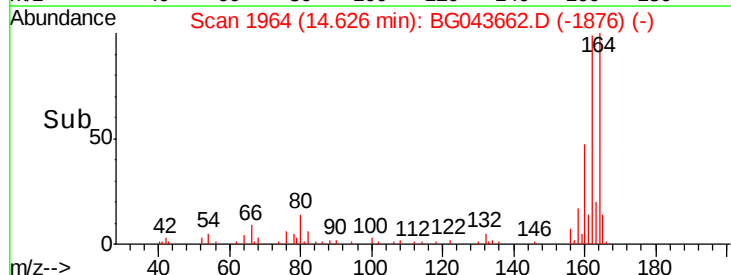
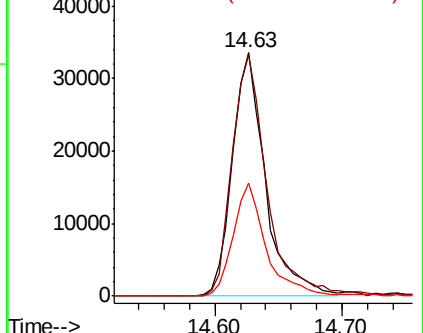


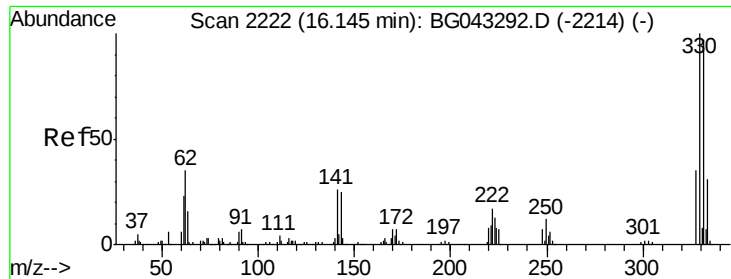
Abundance

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

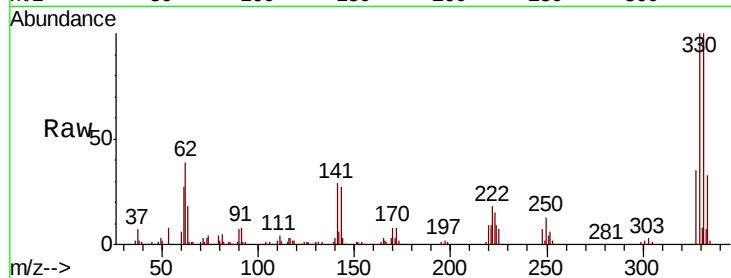




#42
 2,4,6-Tribromophenol
 Concen: 132.214 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043662.D
 Acq: 15 Nov 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	27.8	22.8	34.2

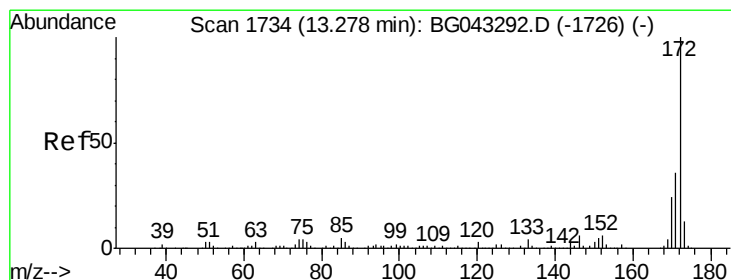
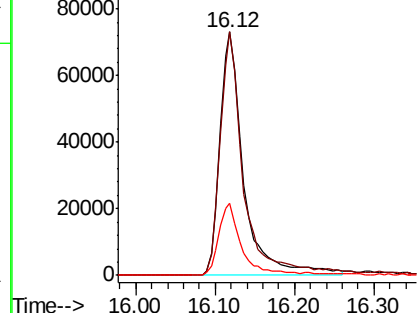
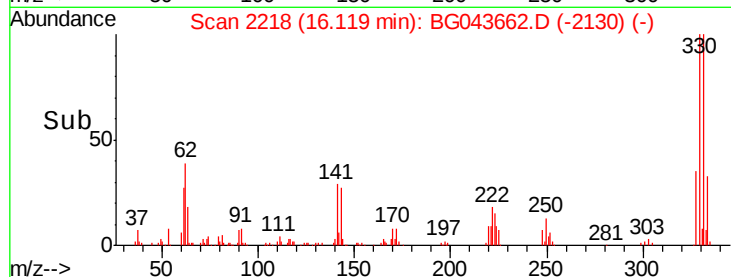


Abundance

Ion 329.80 (329.50 to 330.50): E

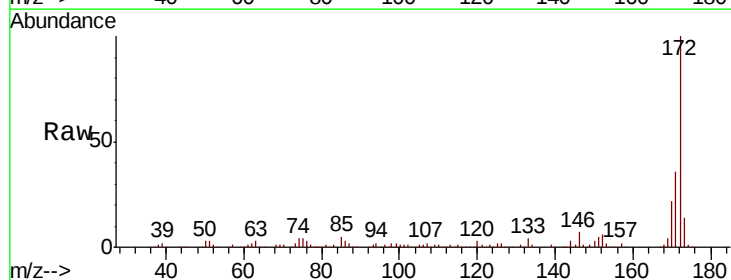
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.399 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043662.D
 Acq: 15 Nov 2019 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	22.3	18.5	27.7

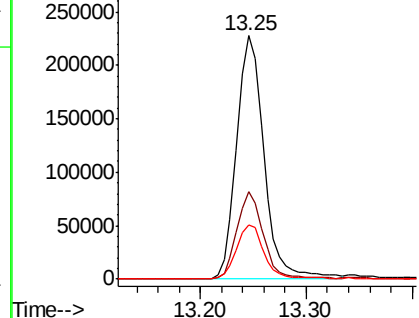
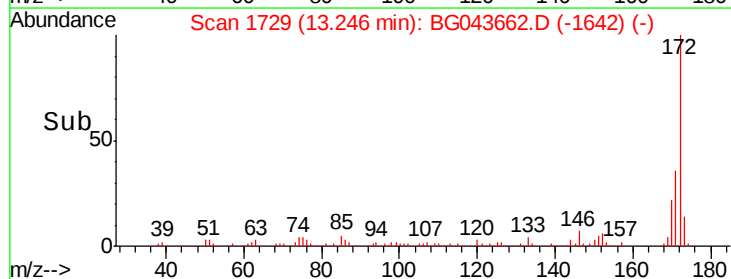


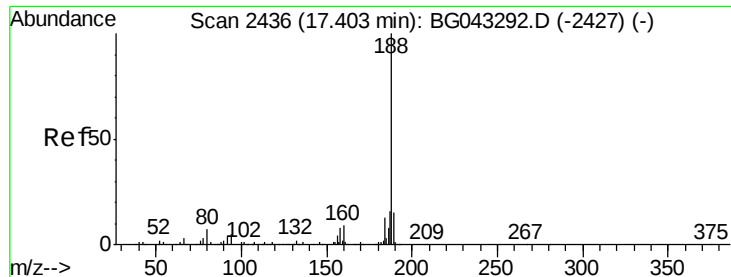
Abundance

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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043662.D

Acq: 15 Nov 2019 22:29

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

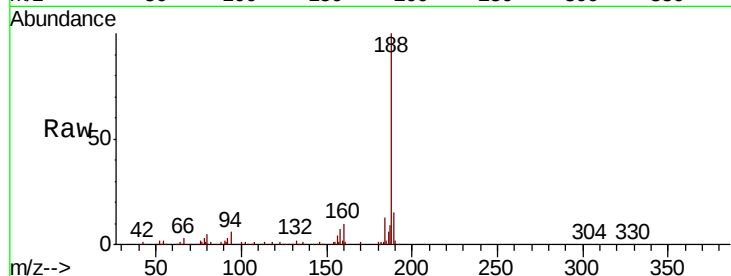
Tot Ion:188 Resp: 165659

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

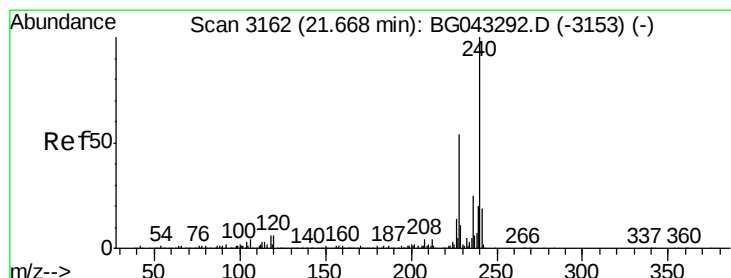
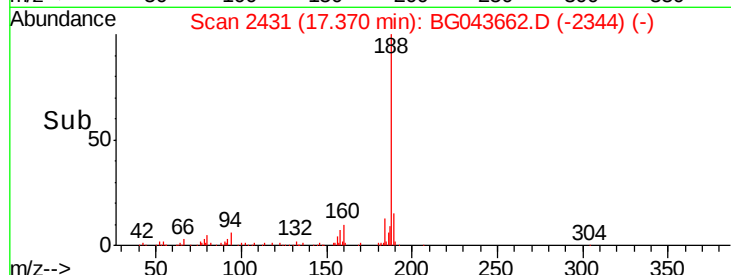
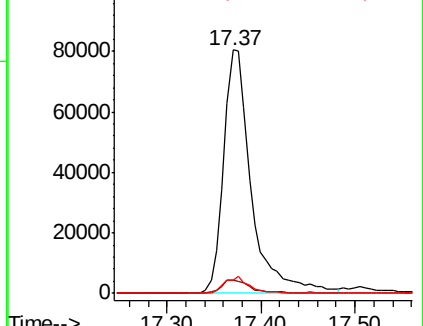
80 5.2 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043662.D

Acq: 15 Nov 2019 22:29

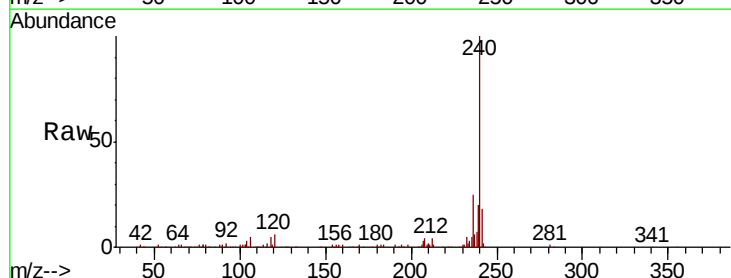
Tgt Ion:240 Resp: 198180

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

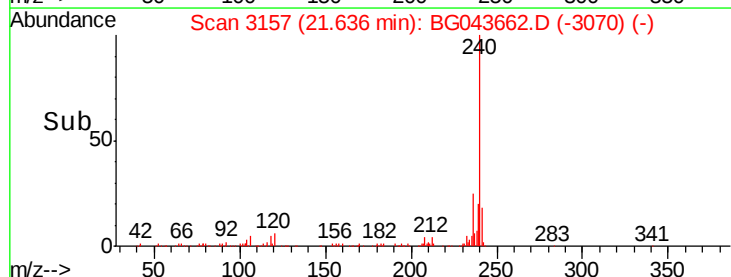
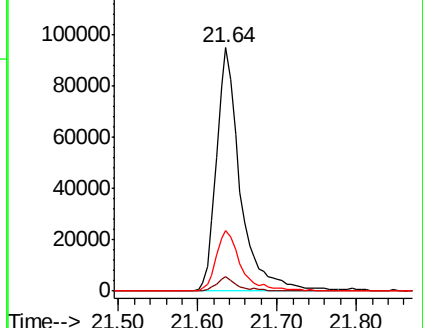
236 24.8 19.8 29.8

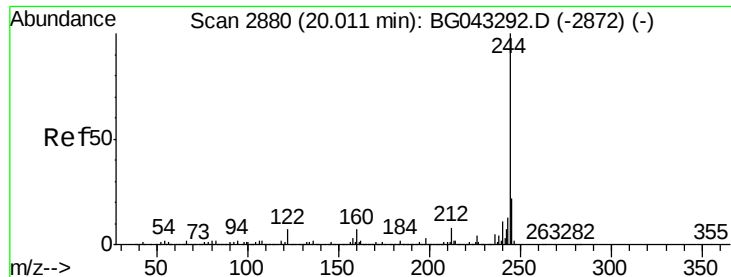


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



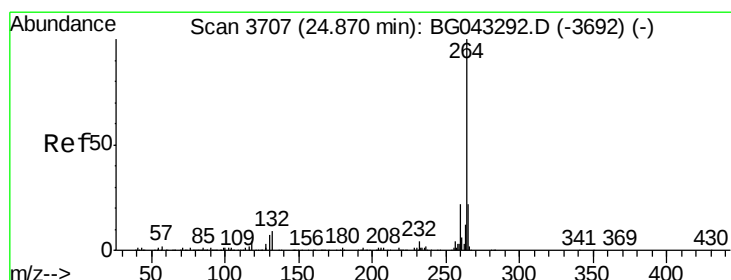
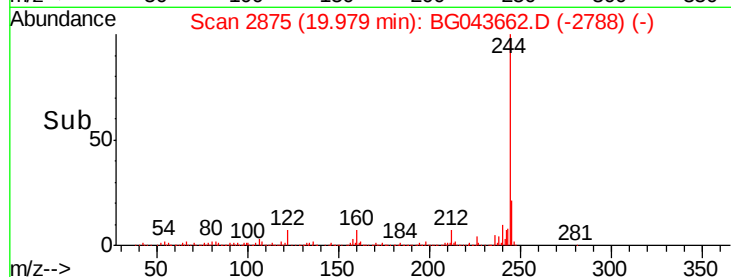
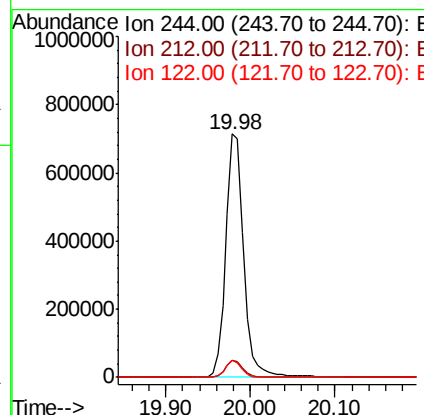
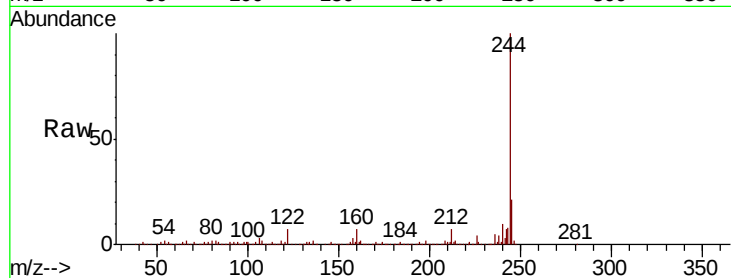


#79
 Terphenyl-d14
 Concen: 99.661 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043662.D
 Acq: 15 Nov 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Tot Ion:244 Resp: 1052788

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.8	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043662.D
 Acq: 15 Nov 2019 22:29

Tgt Ion:264 Resp: 226365

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.5	26.3
265	21.3	17.4	26.0

