

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043626.D
 Acq On : 13 Nov 2019 23:53
 Operator : JU
 Sample : K5804-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GE-MW-58-1S

Quant Time: Nov 14 03:43:57 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

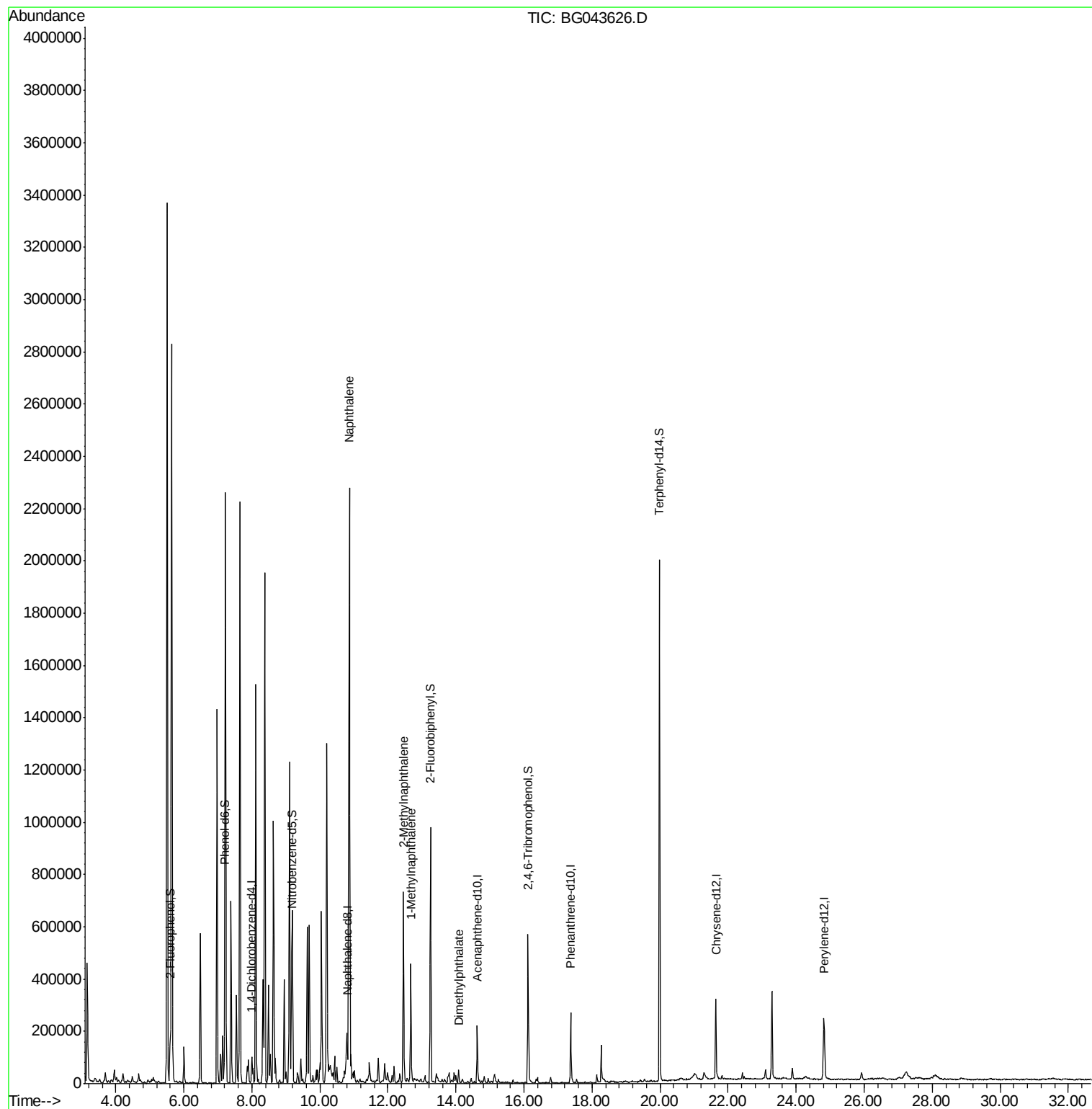
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28421	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	105875	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	78681	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	187048	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	205269	20.00	ng	-0.02
87) Perylene-d12	24.82	264	242567	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	100259	64.64	ng	0.00
7) Phenol-d6	7.20	99	97421	43.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	178023	86.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	137907	92.10	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	523542	91.94	ng	-0.02
79) Terphenyl-d14	19.98	244	1036268	94.71	ng	-0.02
Target Compounds						
31) Naphthalene	10.86	128	1887657	351.247	ng	Qvalue 96
37) 2-Methylnaphthalene	12.46	142	364468	88.388	ng	100
38) 1-Methylnaphthalene	12.67	142	208506	53.144	ng	99
50) Dimethylphthalate	14.08	163	33995	5.578	ng	# 99

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

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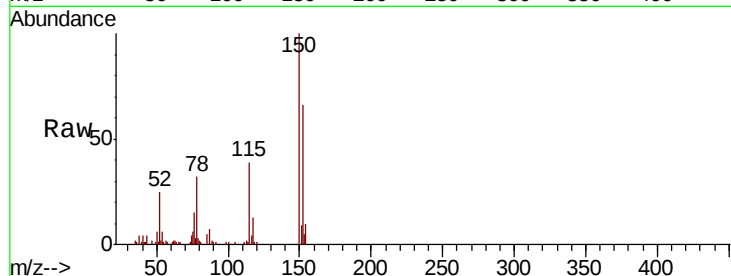


#1

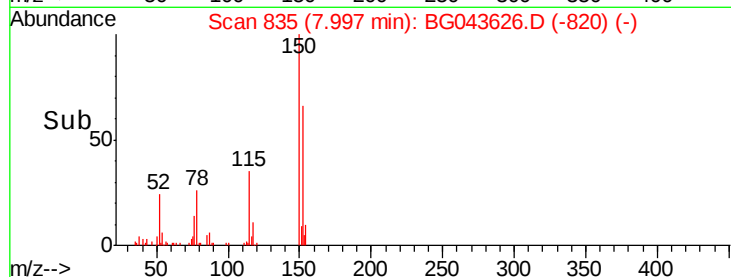
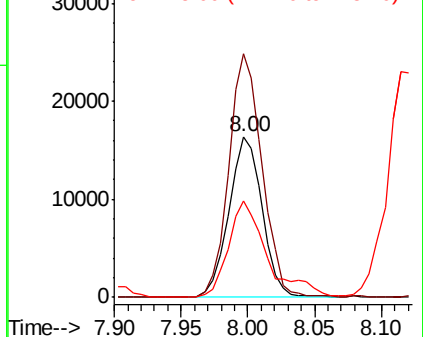
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion:152 Resp: 28421
Ion Ratio Lower Upper
152 100
150 151.3 129.4 194.0
115 59.7 48.8 73.2



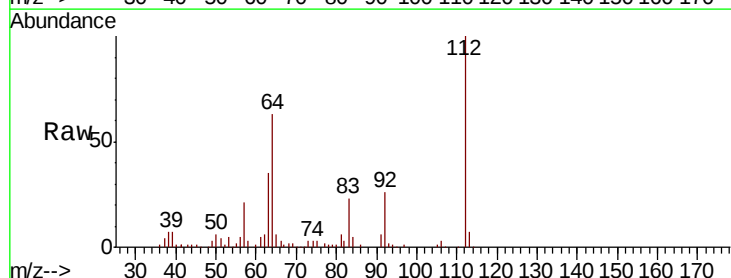
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



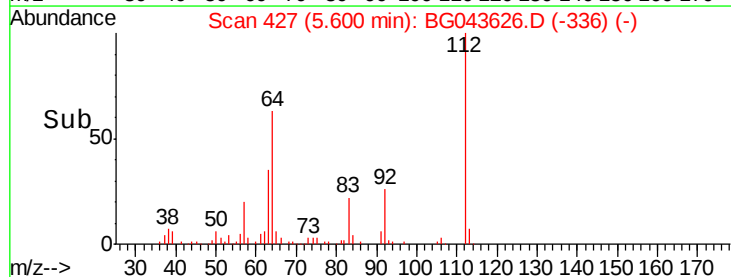
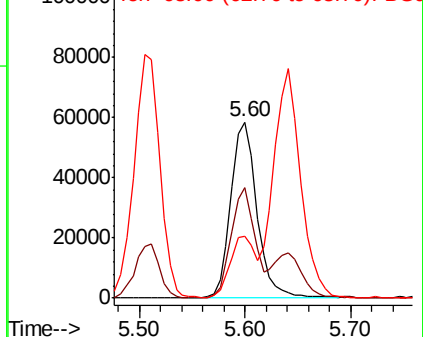
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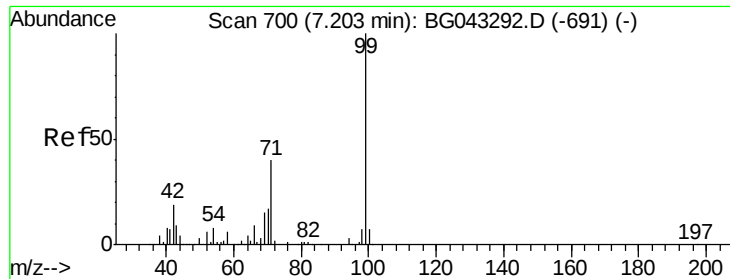
2-Fluorophenol
Concen: 64.642 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Tgt Ion:112 Resp: 100259
Ion Ratio Lower Upper
112 100
64 62.9 50.0 75.0
63 35.5 26.6 40.0



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





#7

Phenol-d6

Concen: 43.657 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043626.D

Acq: 13 Nov 2019 23:53

Instrument :

BNA_G

ClientSampleId :

GE-MW-58-1S

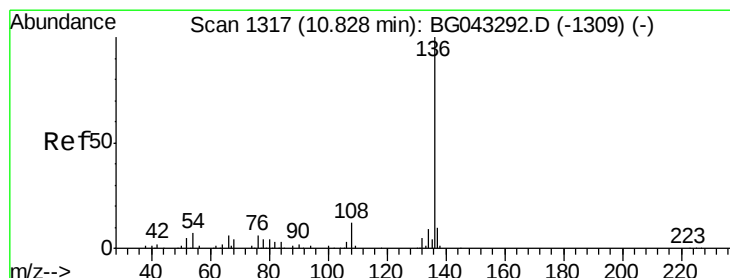
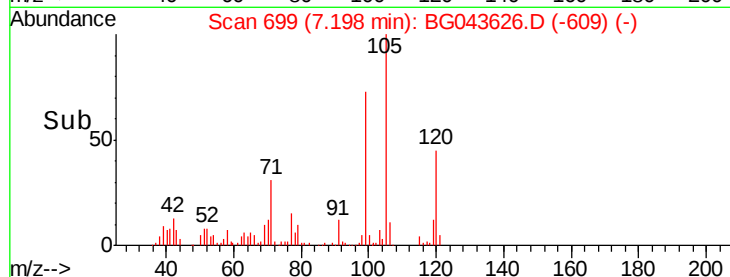
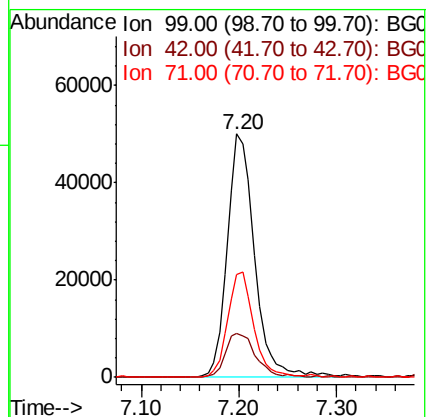
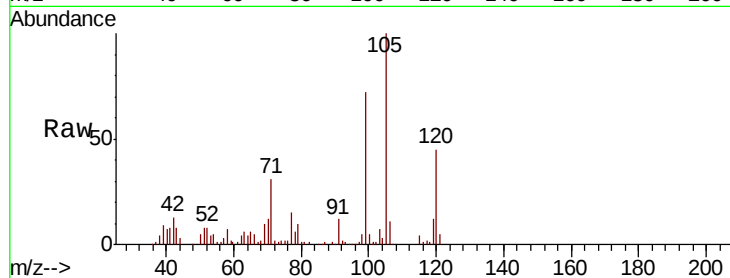
Tot Ion: 99 Resp: 97421

Ion Ratio Lower Upper

99 100

42 18.2 14.6 21.8

71 42.2 32.5 48.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043626.D

Acq: 13 Nov 2019 23:53

Tgt Ion: 136 Resp: 105875

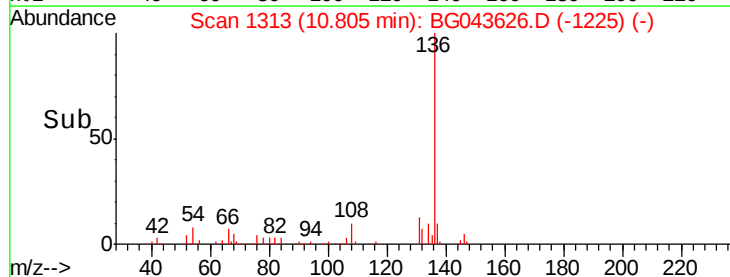
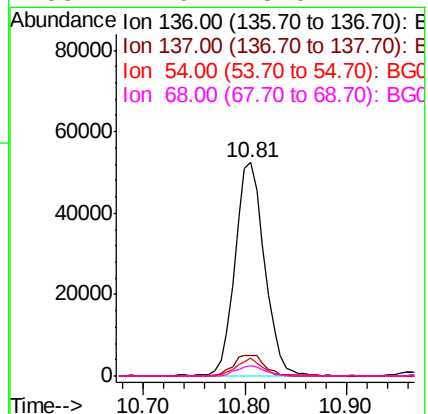
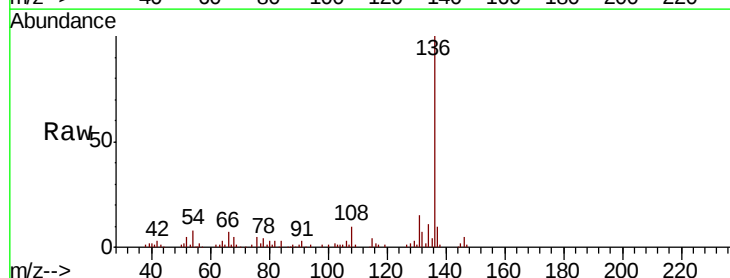
Ion Ratio Lower Upper

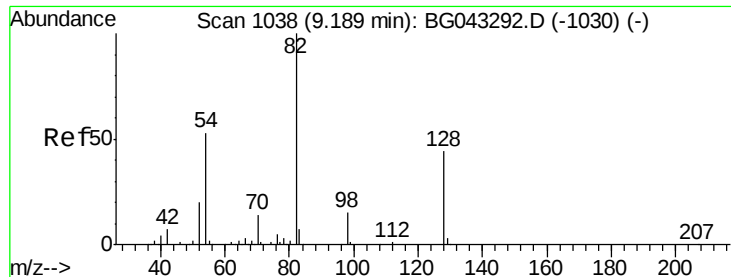
136 100

137 9.8 8.7 13.1

54 8.3 5.4 8.2#

68 4.9 3.0 4.4#

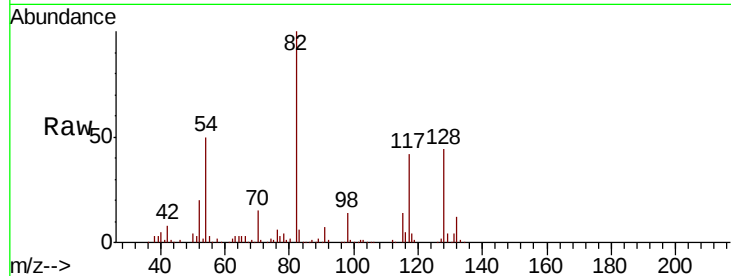




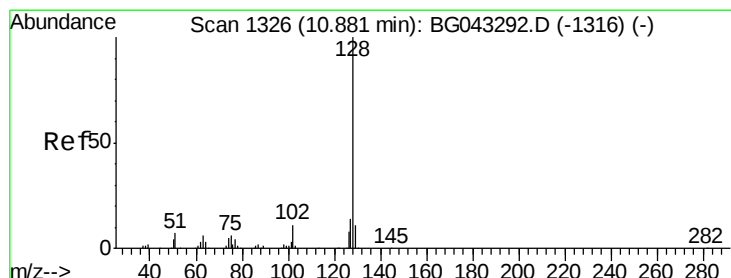
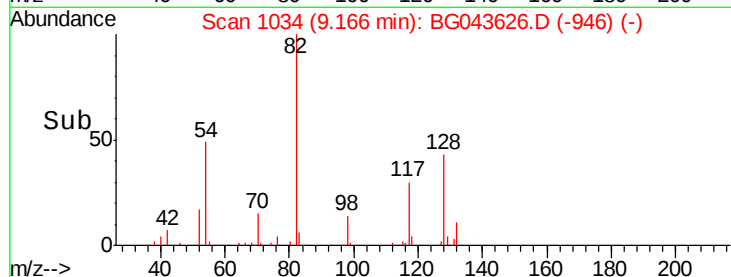
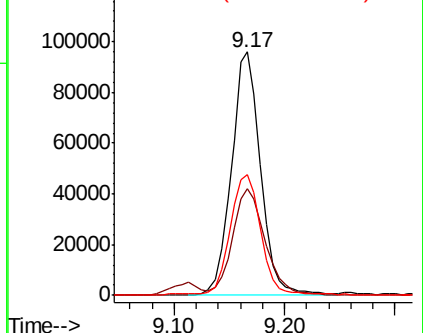
#23
Nitrobenzene-d5
Concen: 86.686 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion: 82 Resp: 178023
Ion Ratio Lower Upper
82 100
128 43.7 35.0 52.6
54 49.8 40.2 60.2

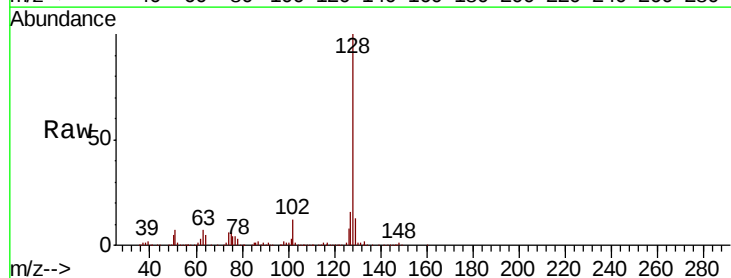


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

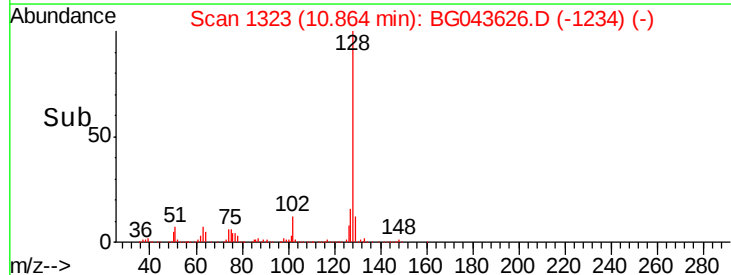
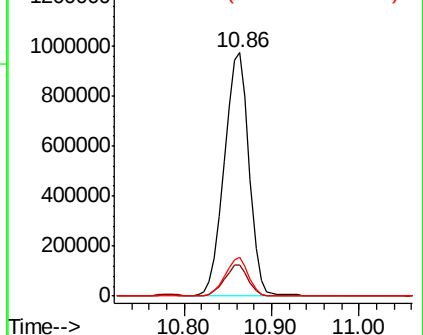


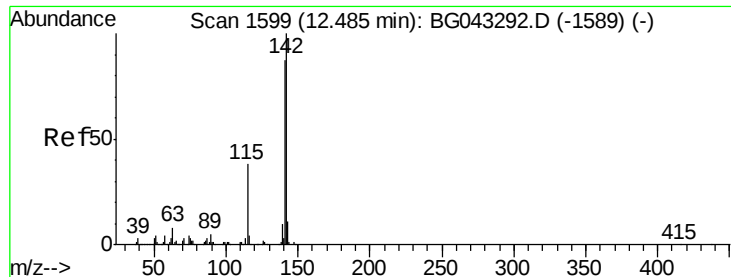
#31
Naphthalene
Concen: 351.247 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Tgt Ion:128 Resp: 1887657
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 15.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

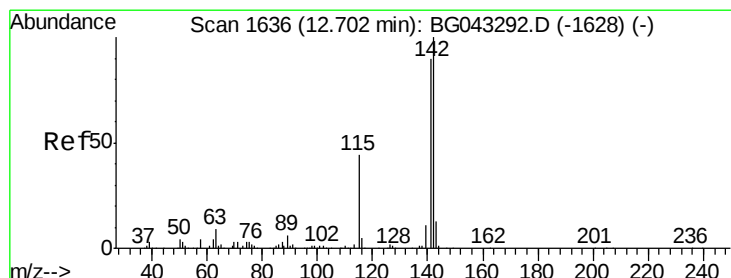
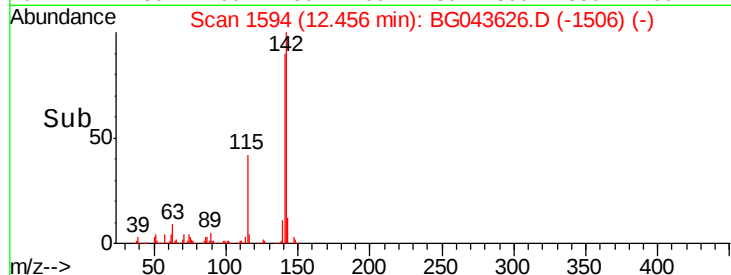
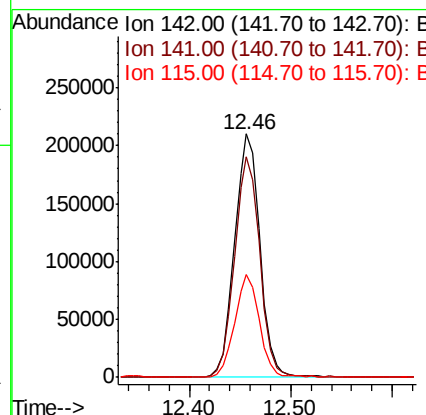
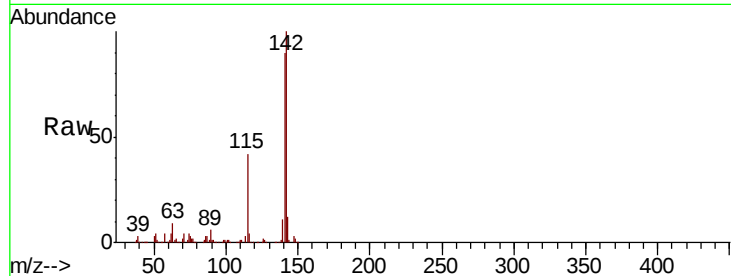




#37
2-Methylnaphthalene
Concen: 88.388 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

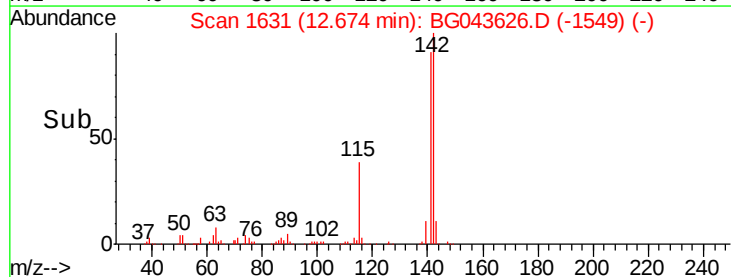
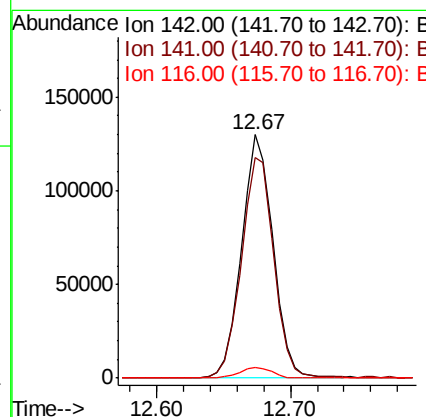
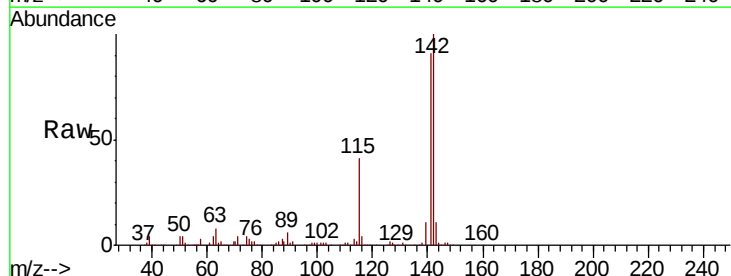
Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

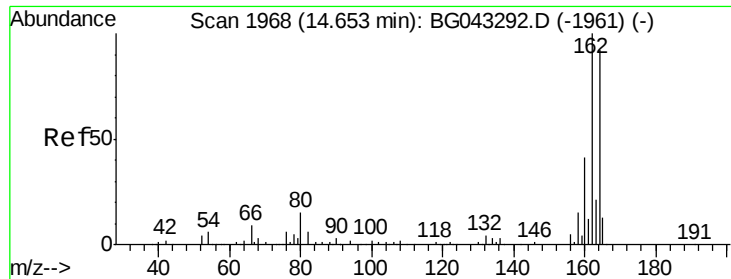
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2
115	42.1	33.2	49.8



#38
1-Methylnaphthalene
Concen: 53.144 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
116	4.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043626.D

Acq: 13 Nov 2019 23:53

Instrument :

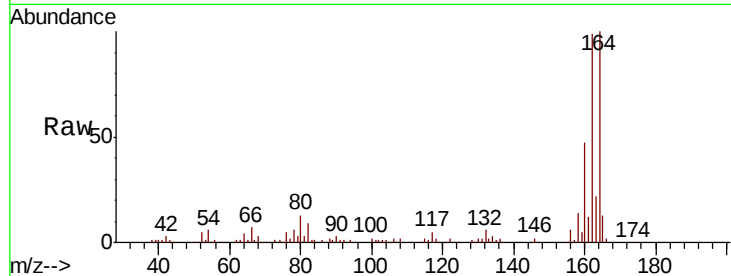
BNA_G

ClientSampleId :

GE-MW-58-1S

Tot Ion:164 Resp: 78681

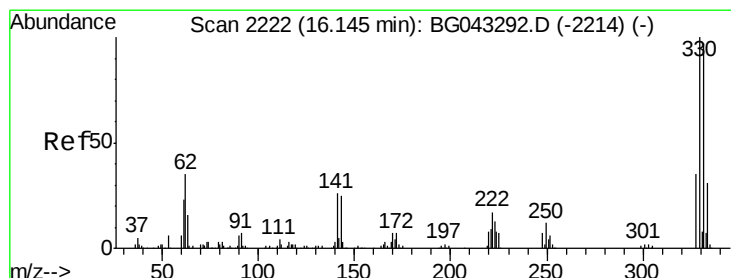
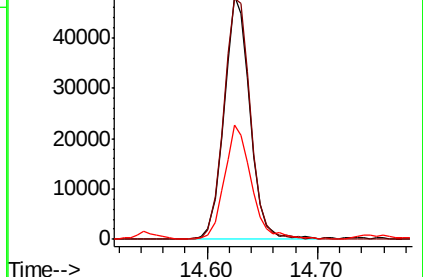
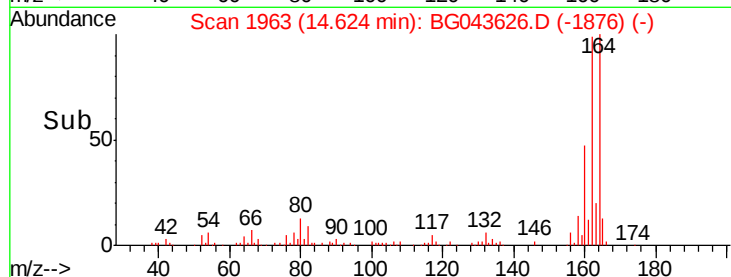
Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.5	125.3
160	47.0	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 92.104 ng

RT: 16.12 min Scan# 2218

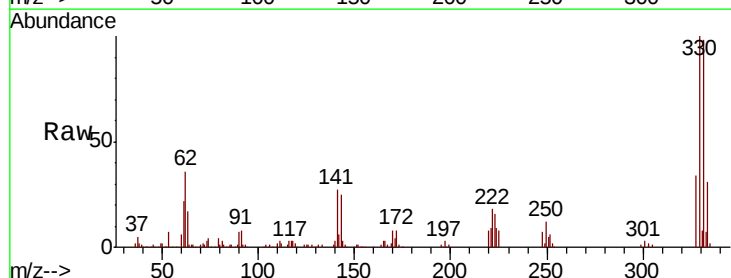
Delta R.T. -0.01 min

Lab File: BG043626.D

Acq: 13 Nov 2019 23:53

Tgt Ion:330 Resp: 137907

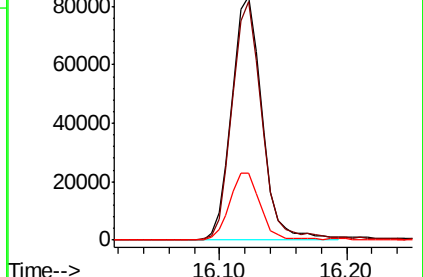
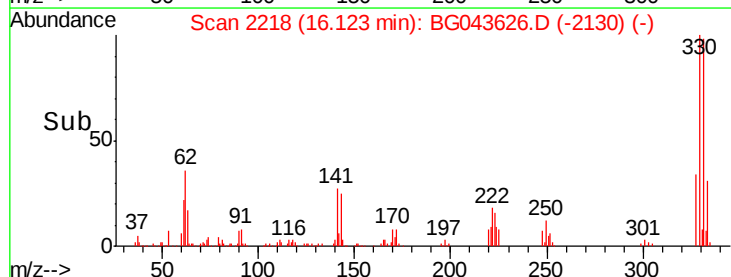
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	28.0	22.8	34.2

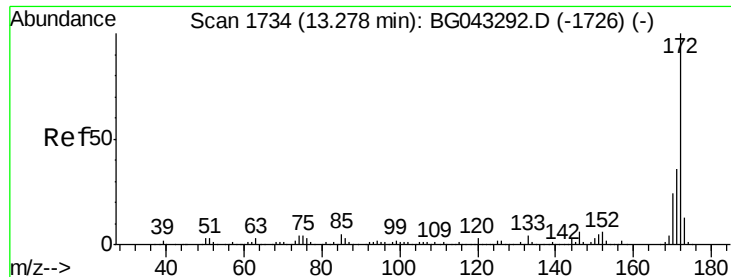


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

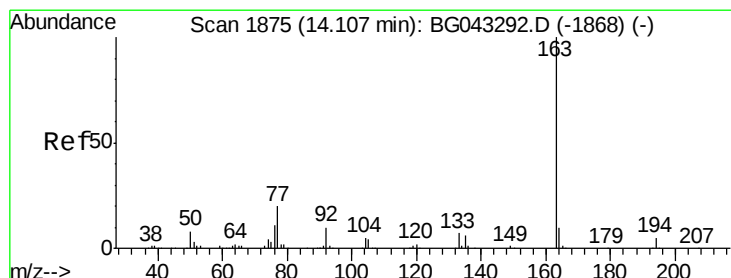
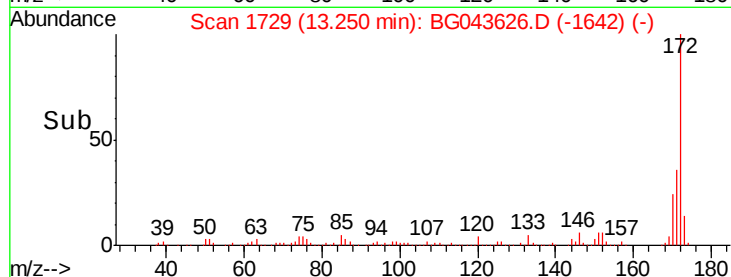
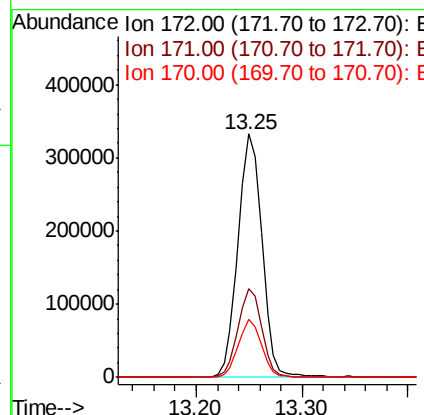
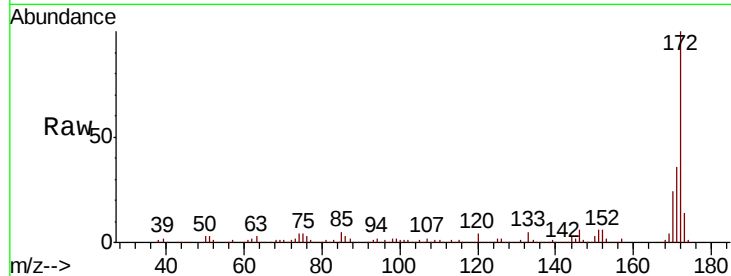




#45
2-Fluorobiphenyl
Concen: 91.945 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

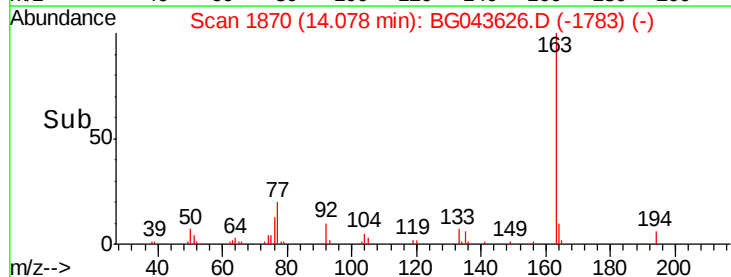
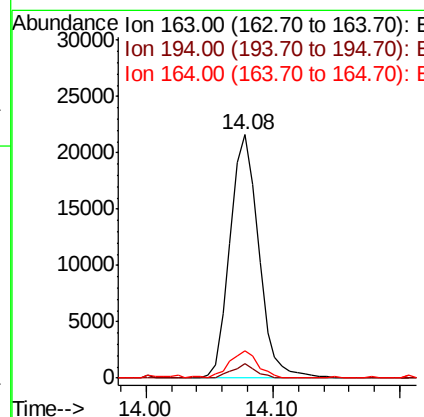
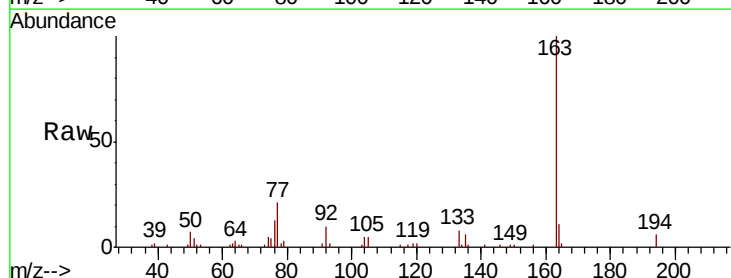
Instrument :
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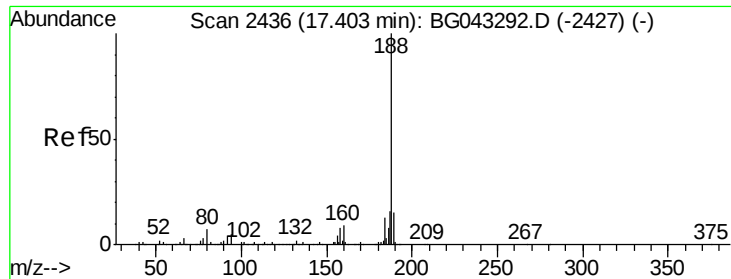
Tot Ion:172 Resp: 523542
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.0 18.5 27.7



#50
Dimethylphthalate
Concen: 5.578 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Tgt Ion:163 Resp: 33995
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.6#
164 11.2 8.9 13.3

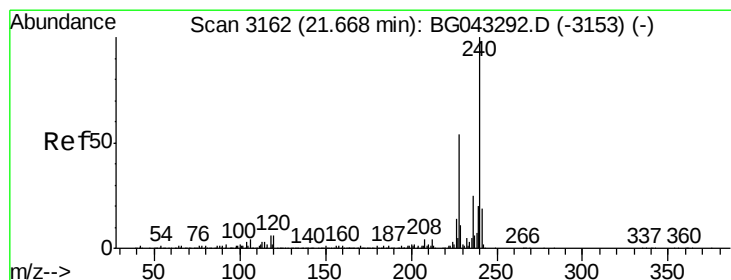
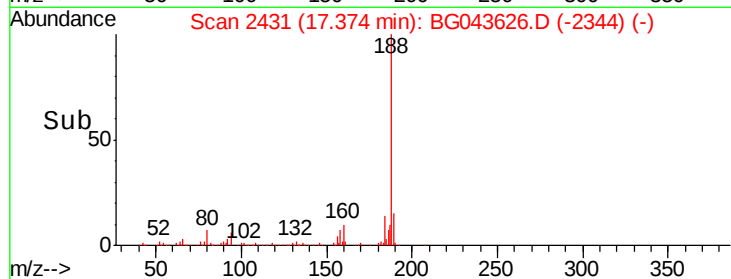
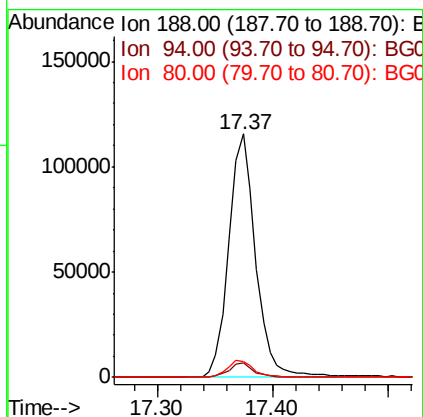
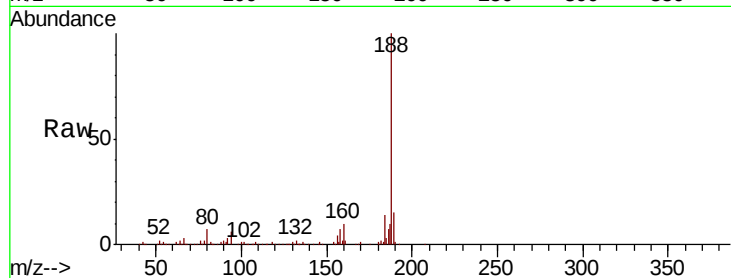




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

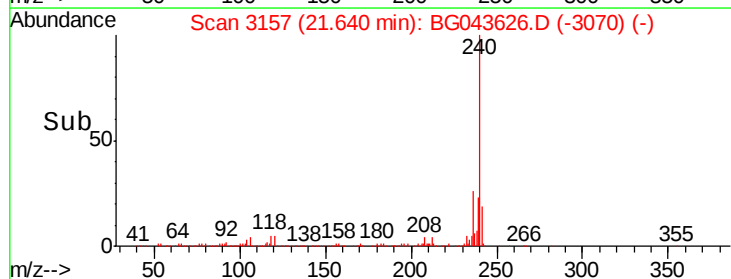
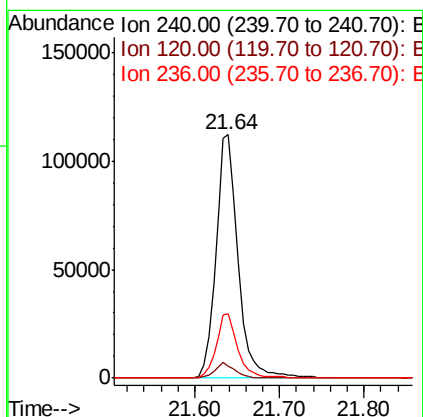
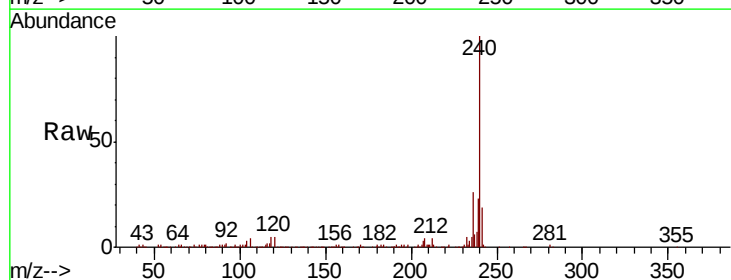
Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

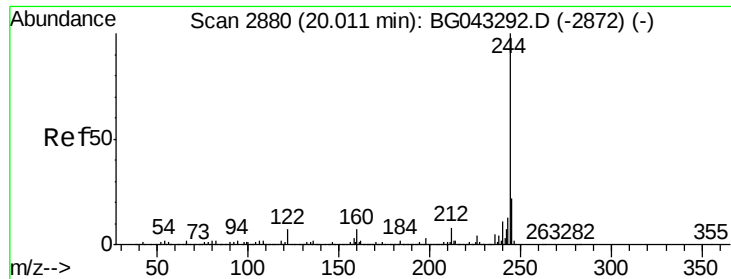
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	6.7	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043626.D
Acq: 13 Nov 2019 23:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	26.3	19.8	29.8

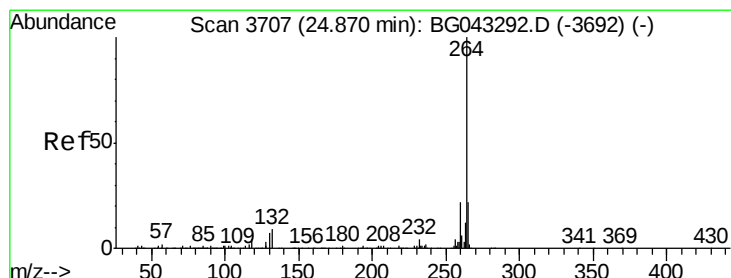
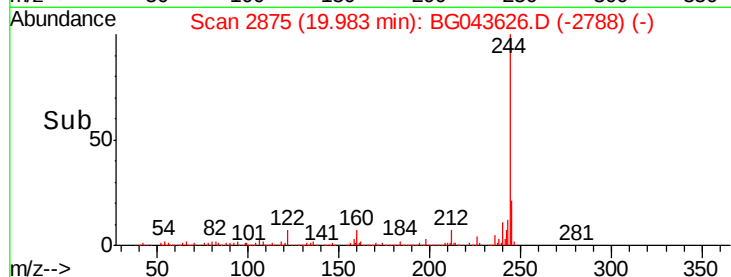
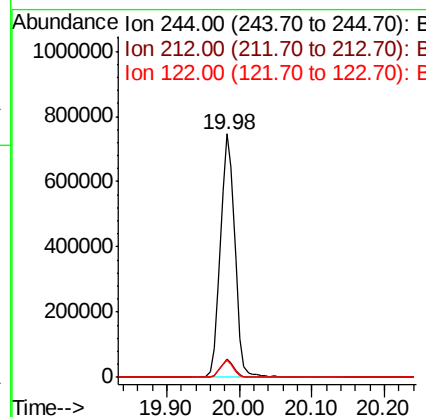
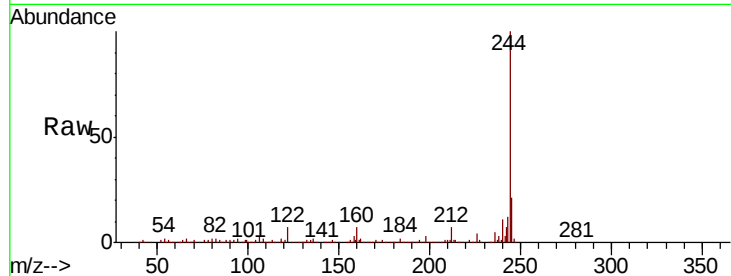




#79
 Terphenyl-d14
 Concen: 94.710 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043626.D
 Acq: 13 Nov 2019 23:53

Instrument :
 BNA_G
 ClientSampleId :
 GE-MW-58-1S

Tot Ion:244 Resp: 1036268
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.8 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043626.D
 Acq: 13 Nov 2019 23:53

Tgt Ion:264 Resp: 242567
 Ion Ratio Lower Upper
 264 100
 260 19.7 17.5 26.3
 265 19.9 17.4 26.0

