

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043487.D
 Acq On : 4 Nov 2019 19:07
 Operator : JU
 Sample : K5657-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 00:56:43 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

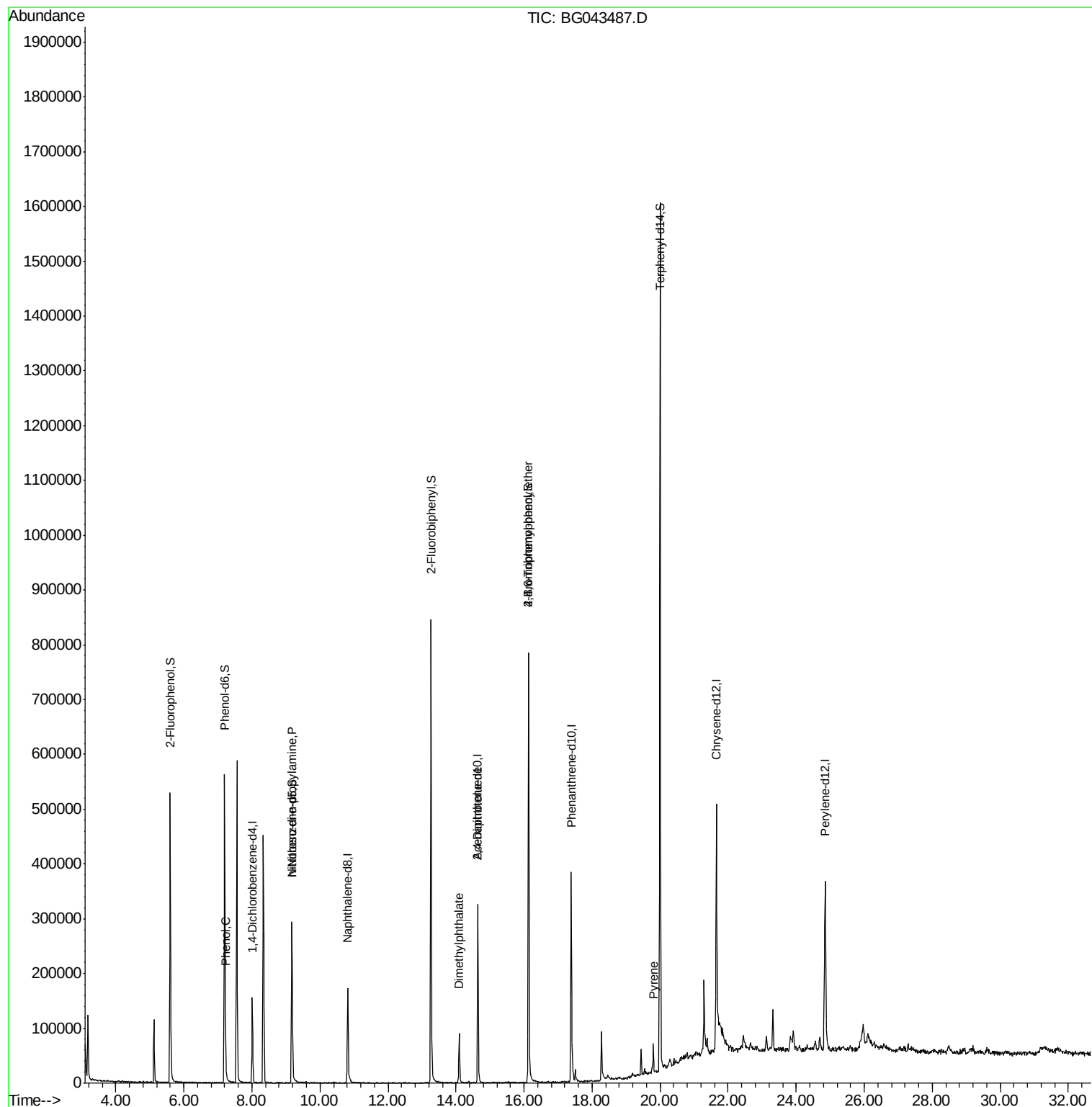
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	46606	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	178989	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	120814	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	272290	20.00	ng	0.00
76) Chrysene-d12	21.66	240	287009	20.00	ng	0.00
87) Perylene-d12	24.85	264	348526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	253904	99.83	ng	0.00
7) Phenol-d6	7.20	99	353134	96.50	ng	0.00
23) Nitrobenzene-d5	9.17	82	208644	60.10	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	204156	88.80	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	523604	59.89	ng	0.00
79) Terphenyl-d14	20.00	244	851188	55.64	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14171	4.238	ng	97
19) n-Nitroso-di-n-propylamine	9.17	70	28720	12.146	ng	# 70
50) Dimethylphthalate	14.09	163	75448	8.063	ng	98
57) 2,4-Dinitrotoluene	14.64	165	16684	5.742	ng	# 29
67) 4-Bromophenyl-phenylether	16.13	248	11877	3.241	ng	# 1
78) Pyrene	19.80	202	36996	2.082	ng	97

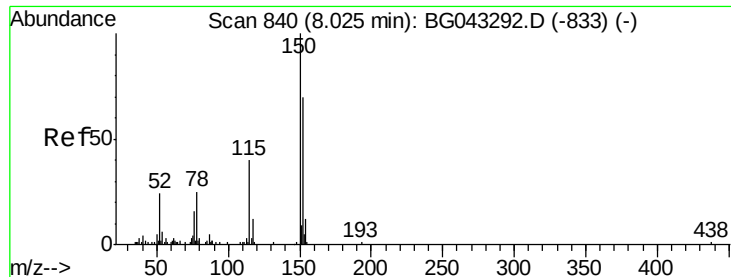
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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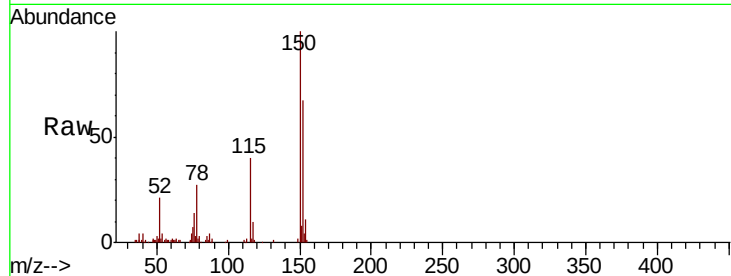


#1

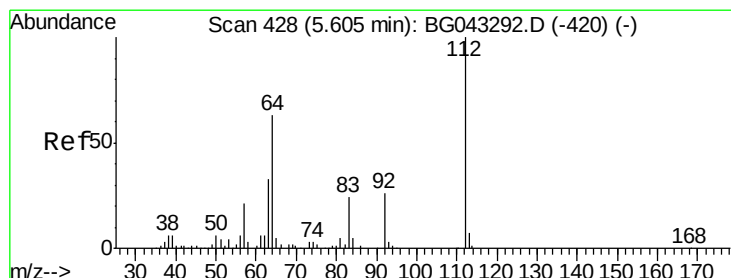
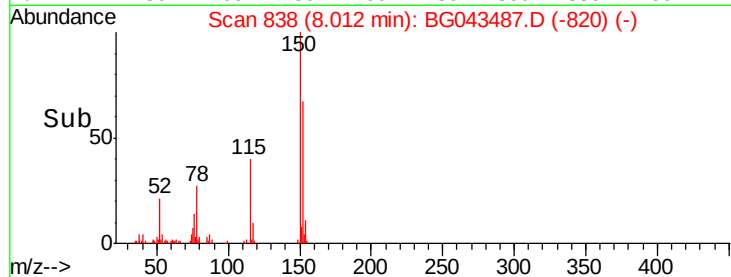
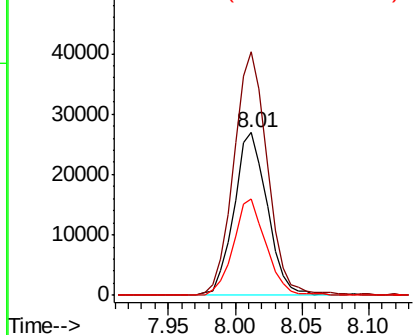
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46606
Ion Ratio Lower Upper
152 100
150 149.6 129.4 194.0
115 59.2 48.8 73.2



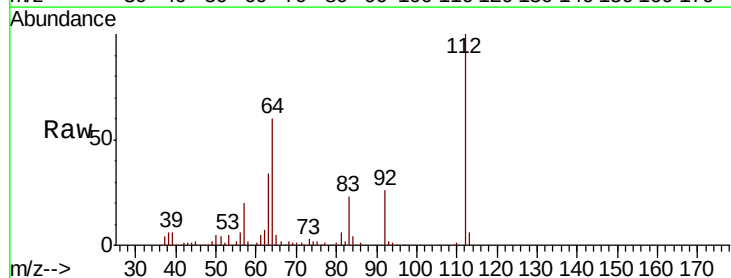
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



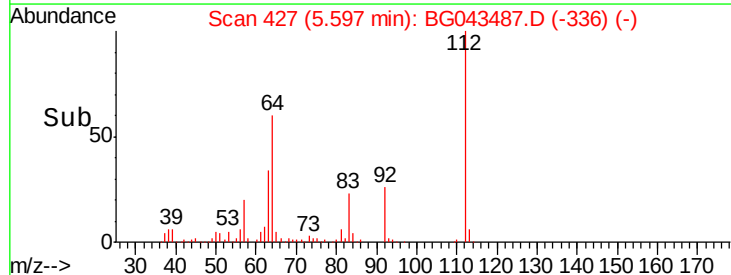
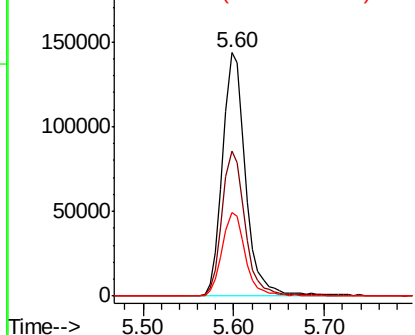
#5

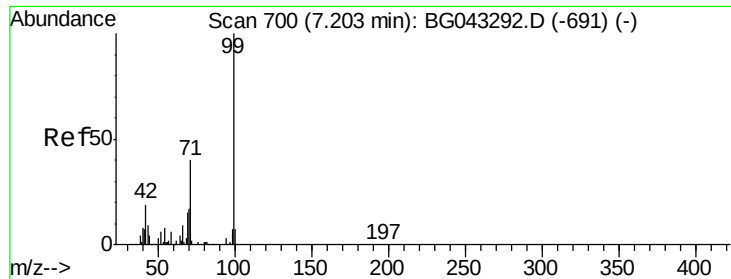
2-Fluorophenol
Concen: 99.830 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

Tgt Ion:112 Resp: 253904
Ion Ratio Lower Upper
112 100
64 59.7 50.0 75.0
63 34.2 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: 96.503 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

Instrument :

BNA_G

ClientSampled :

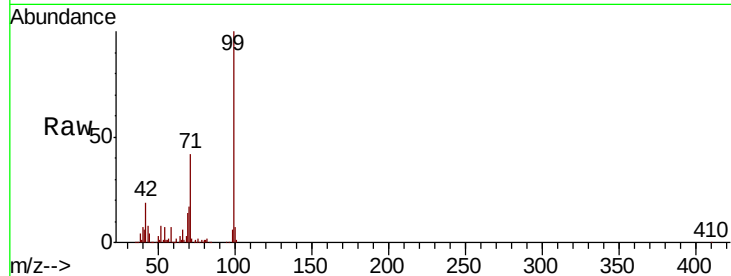
Tot Ion: 99 Resp: 353134

Ion Ratio Lower Upper

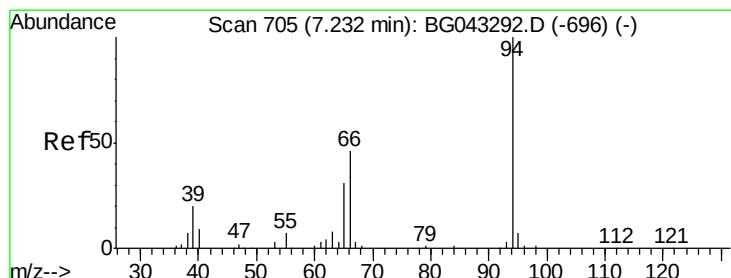
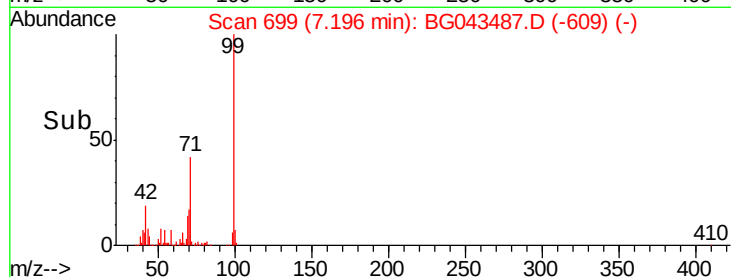
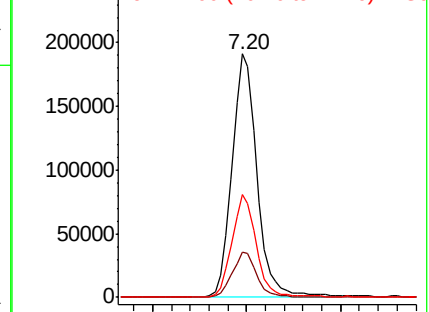
99 100

42 18.7 14.6 21.8

71 42.1 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



#10

Phenol

Concen: 4.238 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

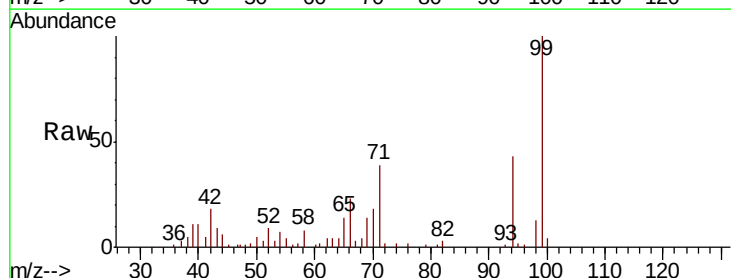
Tgt Ion: 94 Resp: 14171

Ion Ratio Lower Upper

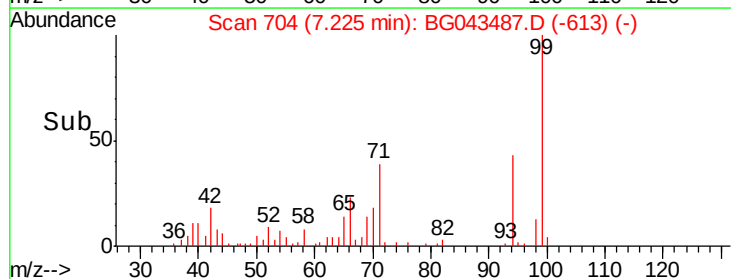
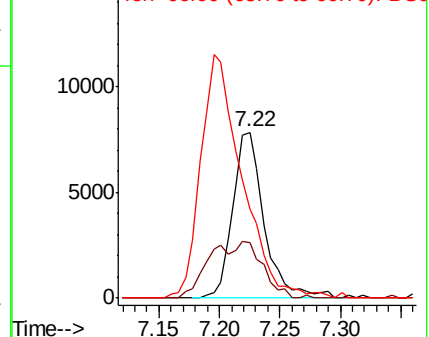
94 100

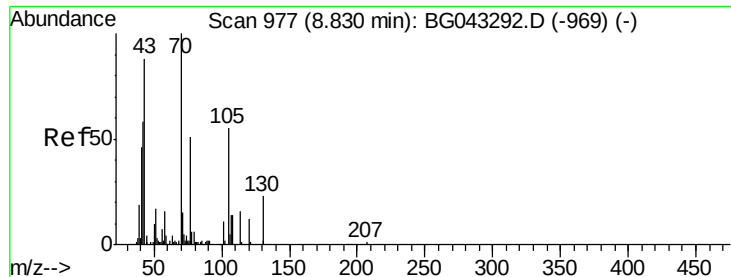
65 33.1 12.6 52.6

66 53.2 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

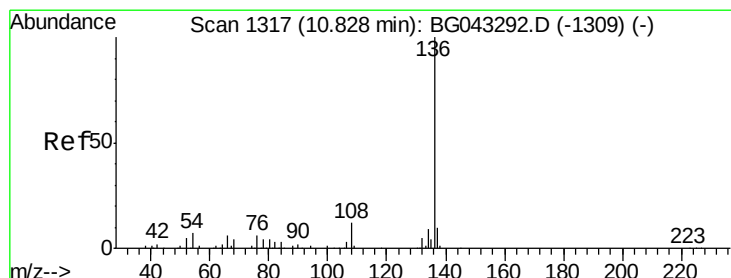
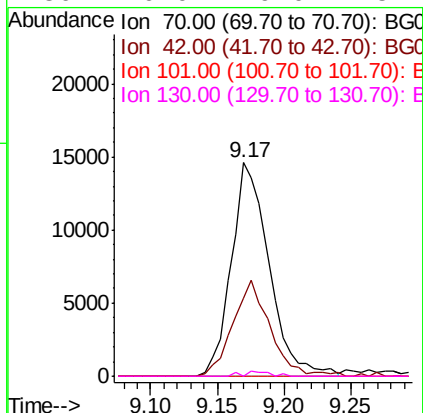
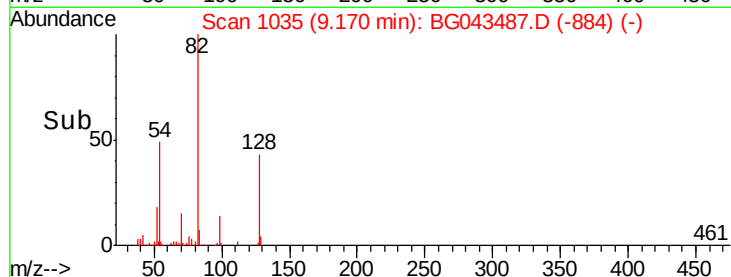
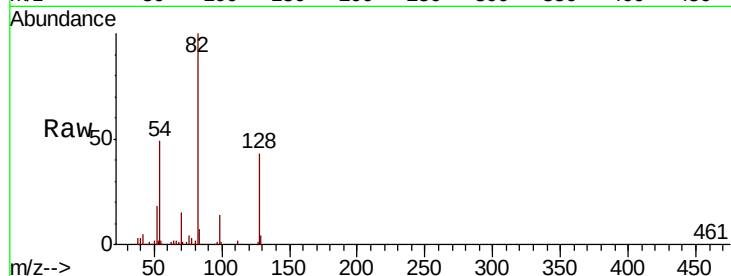




#19
n-Nitroso-di-n-propylamine
Concen: 12.146 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

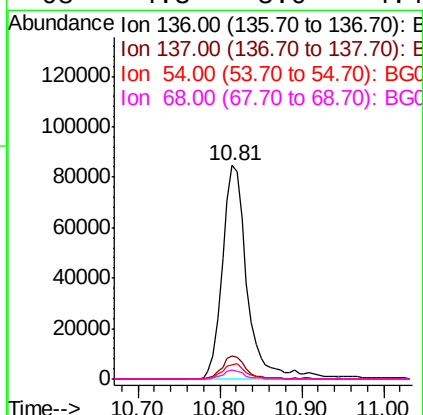
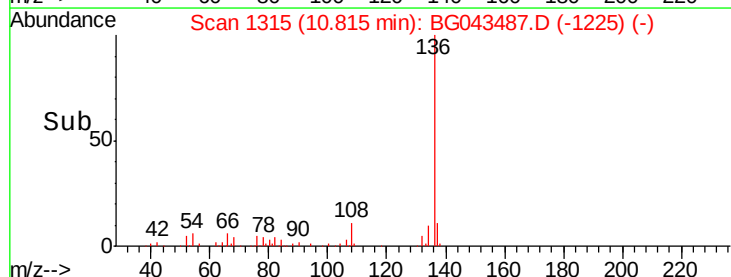
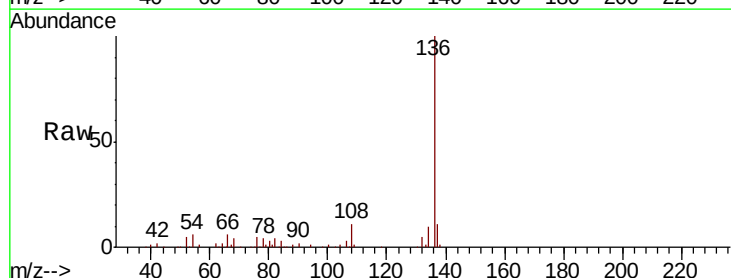
Instrument :
BNA_G
ClientSampleId :

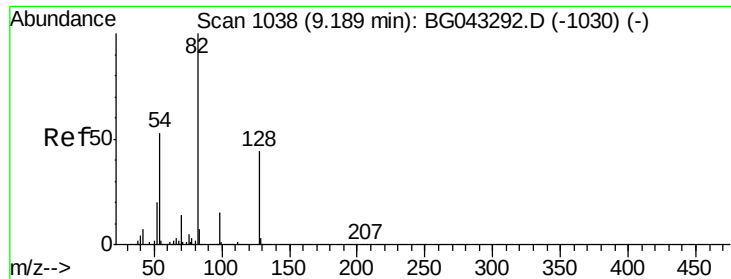
Tot Ion: 70 Resp: 28720
Ion Ratio Lower Upper
70 100
42 36.5 41.4 62.2#
101 0.0 7.9 11.9#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

Tgt Ion: 136 Resp: 178989
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.4 5.4 8.2
68 4.3 3.0 4.4

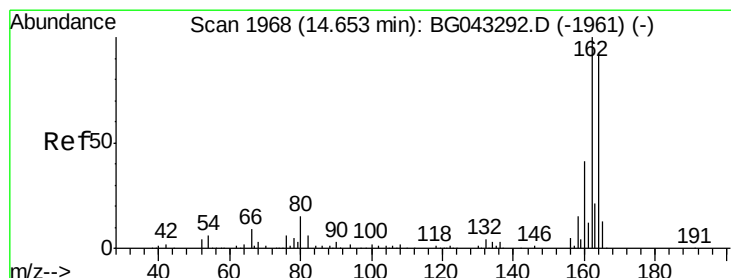
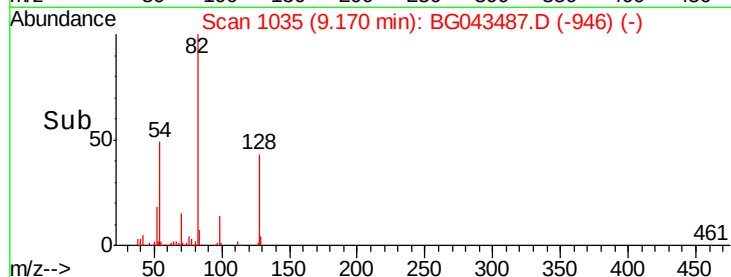
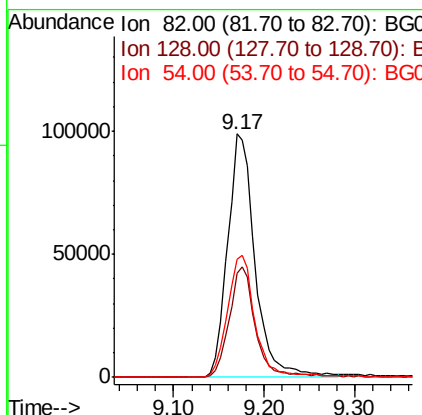
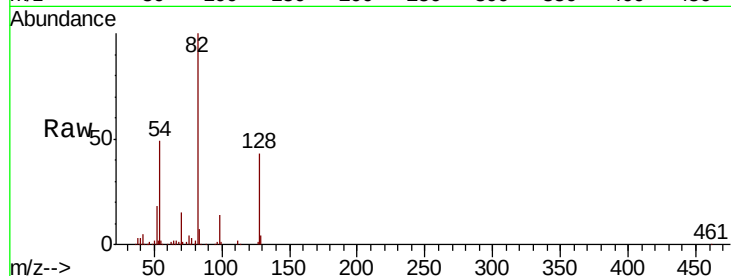




#23
 Nitrobenzene-d5
 Concen: 60.096 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

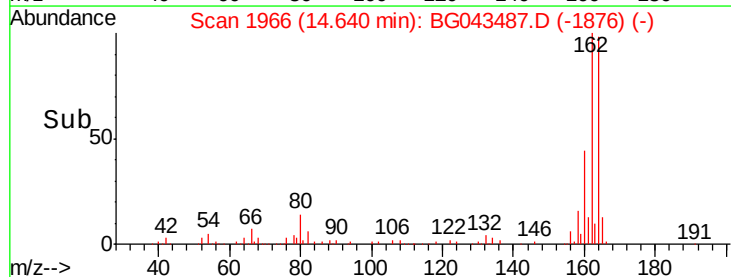
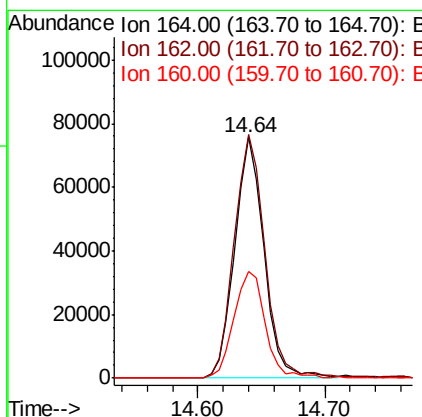
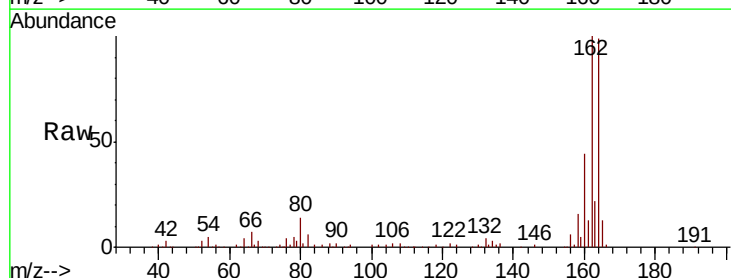
Instrument :
 BNA_G
 ClientSampled :

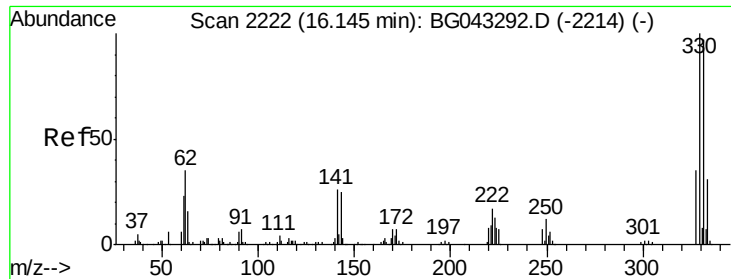
Tot Ion	82	Resp	208644
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.0	52.6
54	48.8	40.2	60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

Tgt Ion	164	Resp	120814
Ion Ratio	Lower	Upper	
164	100		
162	101.1	83.5	125.3
160	44.1	36.5	54.7

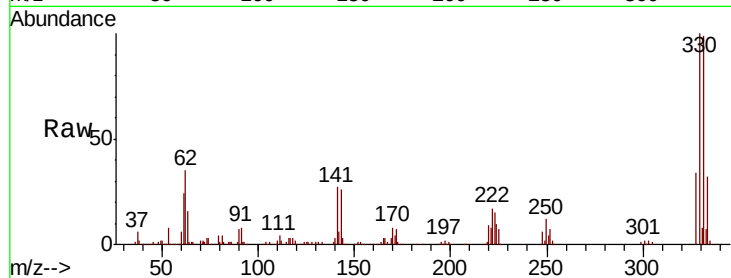




#42
 2,4,6-Tribromophenol
 Concen: 88.798 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	28.0	22.8	34.2

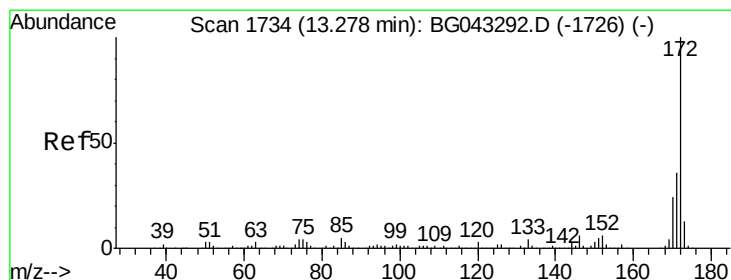
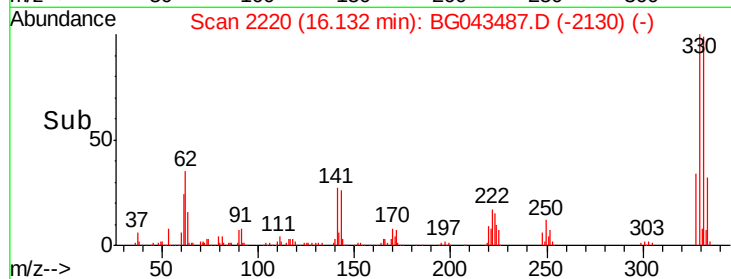
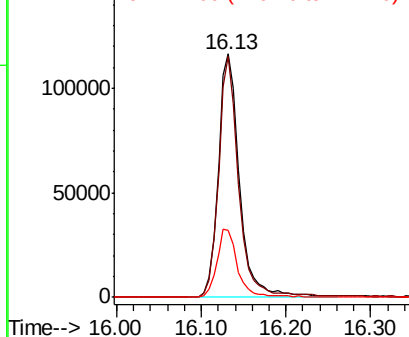


Abundance

Ion 329.80 (329.50 to 330.50): E

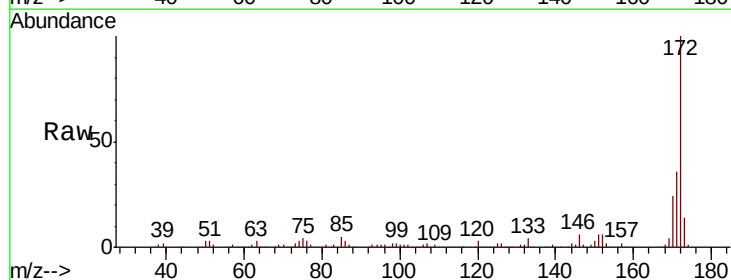
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.887 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.9	18.5	27.7

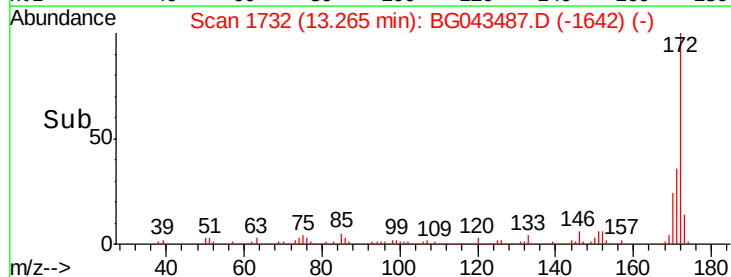
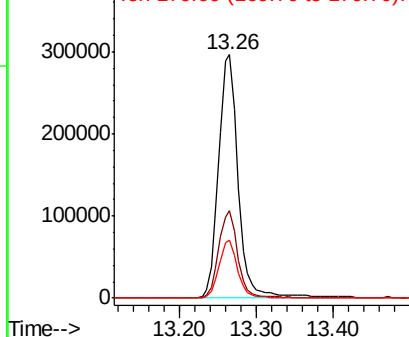


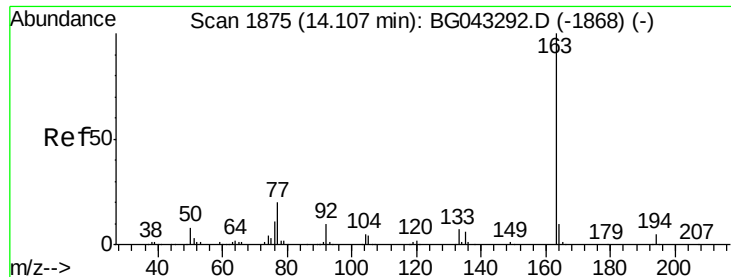
Abundance

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

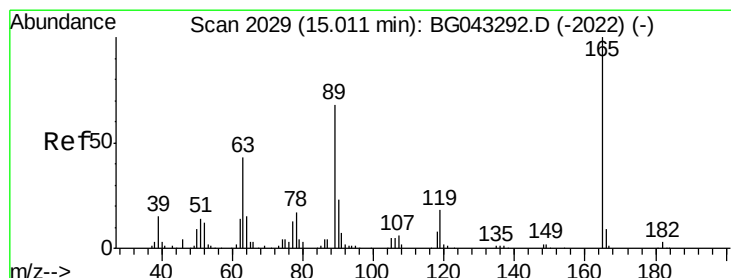
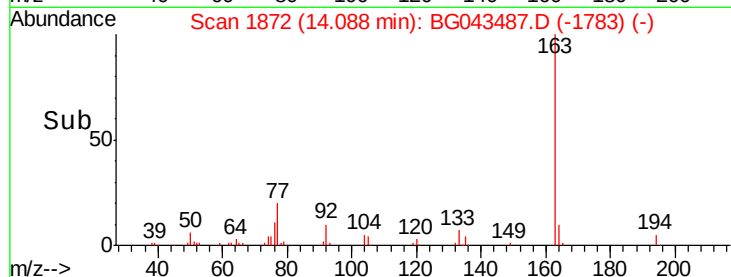
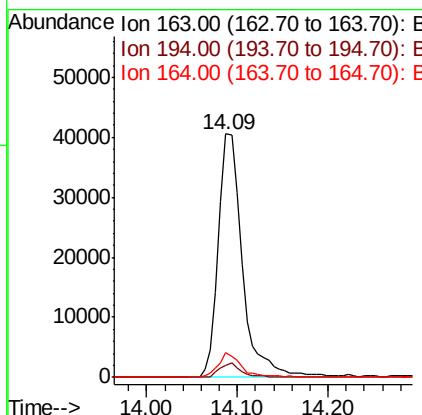
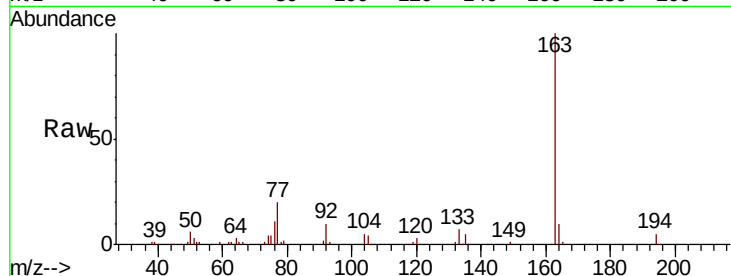




#50
Dimethylphthalate
Concen: 8.063 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

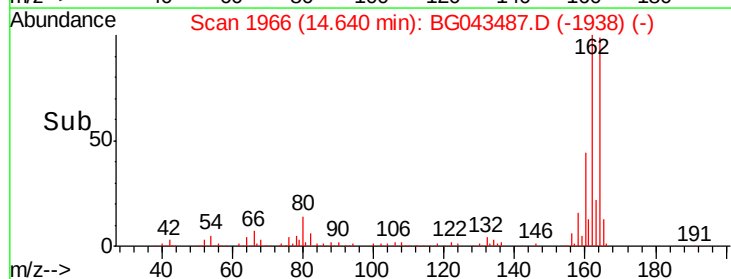
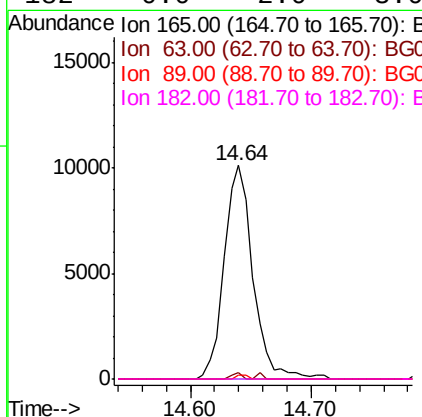
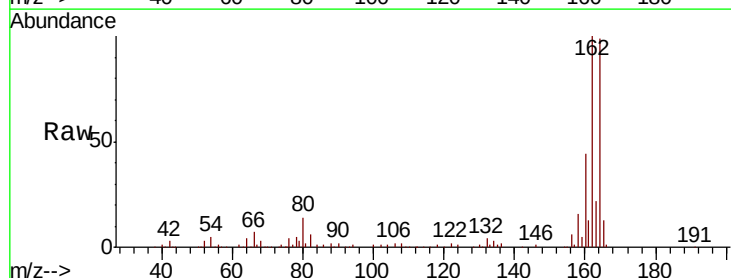
Instrument :
BNA_G
ClientSampleId :

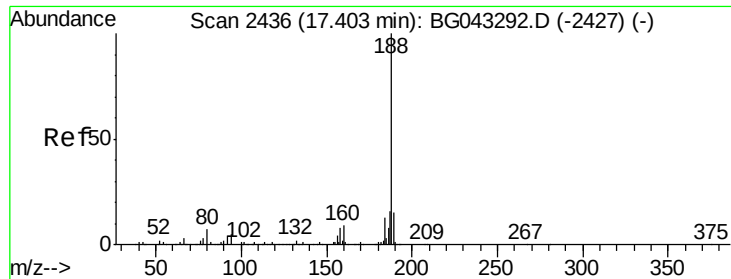
Tot Ion:163 Resp: 75448
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 10.4 8.9 13.3



#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.37 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

Tgt Ion:165 Resp: 16684
Ion Ratio Lower Upper
165 100
63 3.2 33.2 49.8#
89 1.7 52.2 78.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

Instrument :

BNA_G

ClientSampleId :

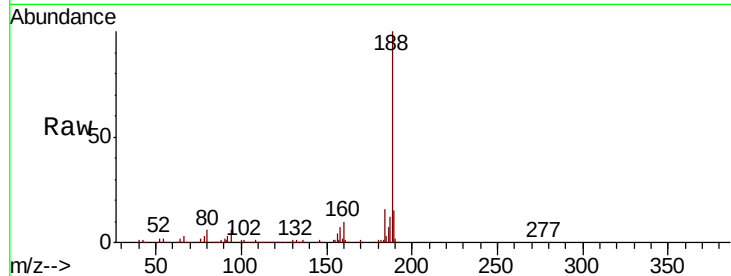
Tot Ion:188 Resp: 272290

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

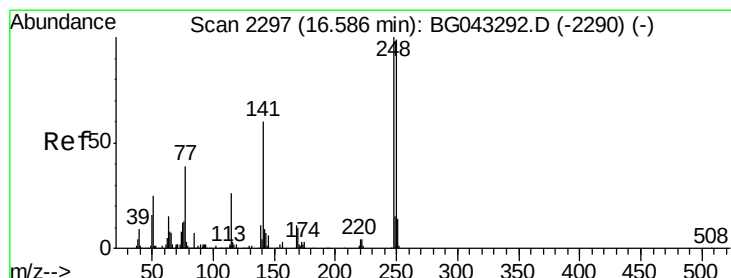
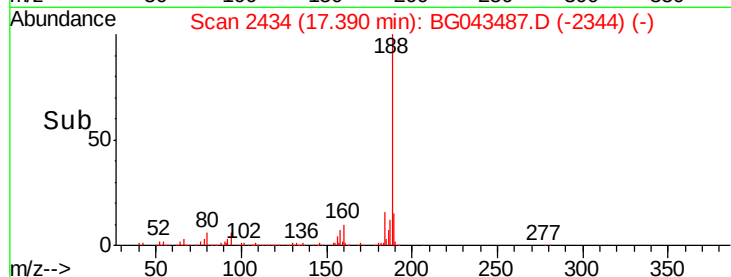
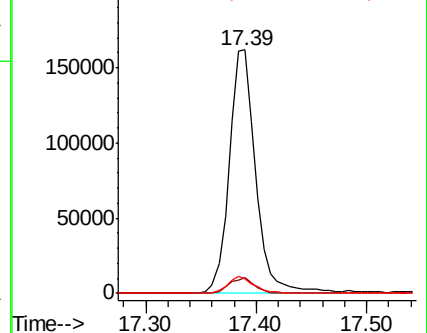
80 6.0 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.241 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

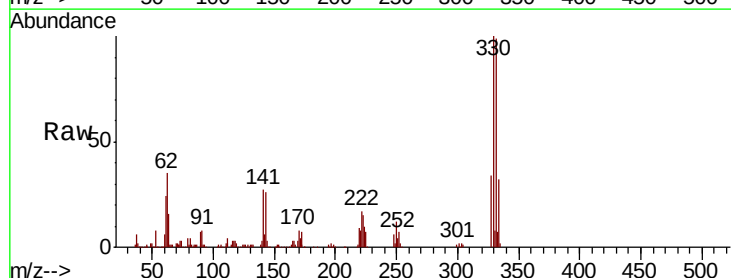
Tgt Ion:248 Resp: 11877

Ion Ratio Lower Upper

248 100

250 196.2 77.0 115.4#

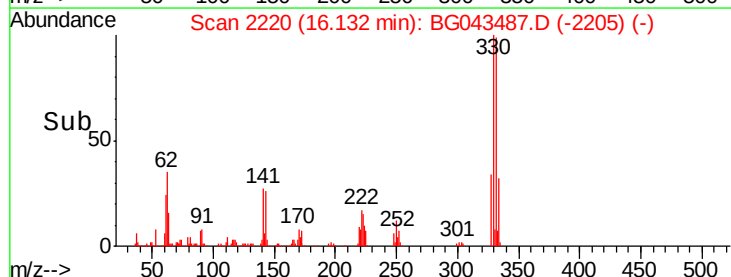
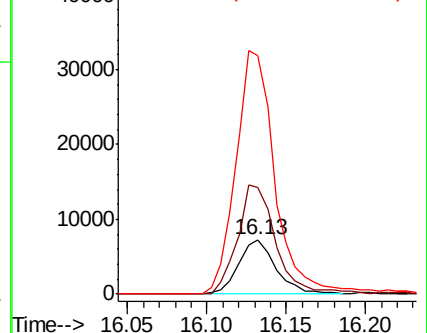
141 439.8 47.5 71.3#

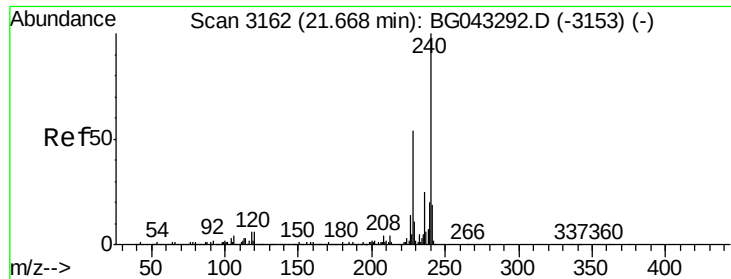


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

Instrument :

BNA_G

ClientSampleId :

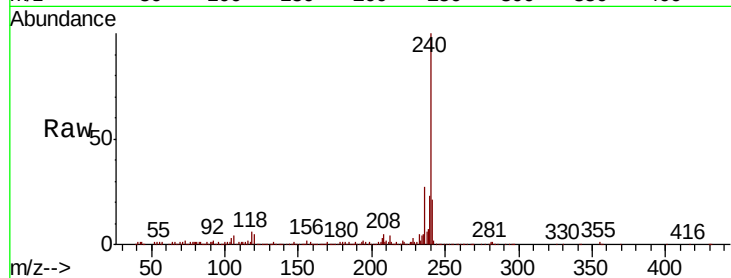
Tot Ion:240 Resp: 287009

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

236 27.0 19.8 29.8

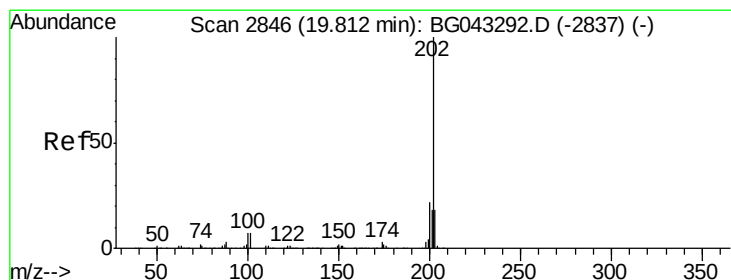
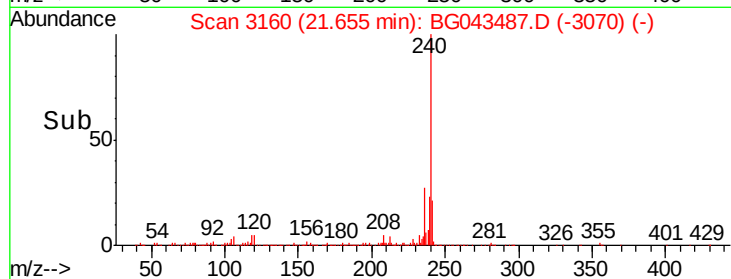
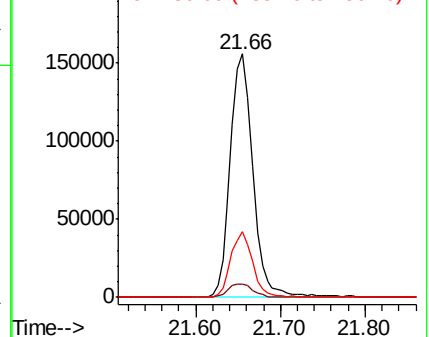


Abundance

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



#78

Pyrene

Concen: 2.082 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

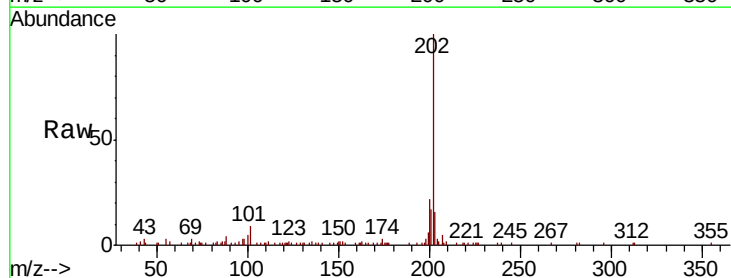
Tgt Ion:202 Resp: 36996

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

203 16.3 14.7 22.1

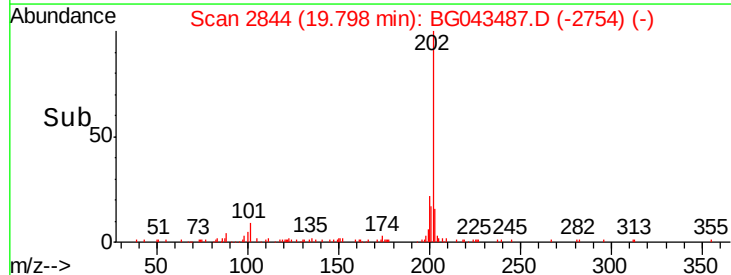
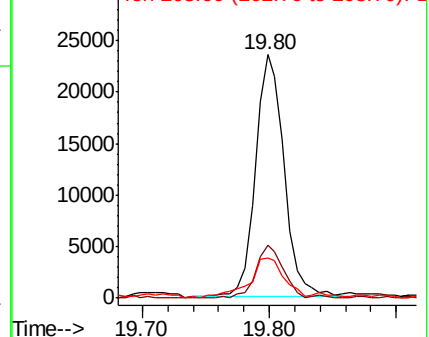


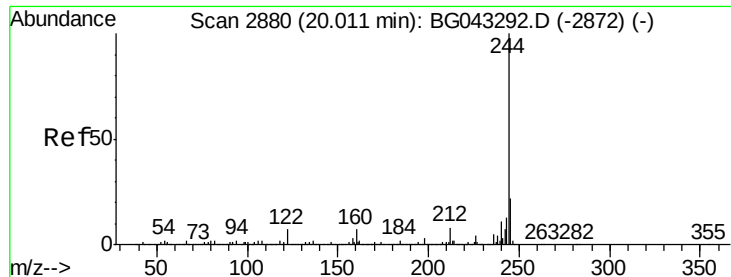
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.639 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

Instrument :

BNA_G

ClientSampleId :

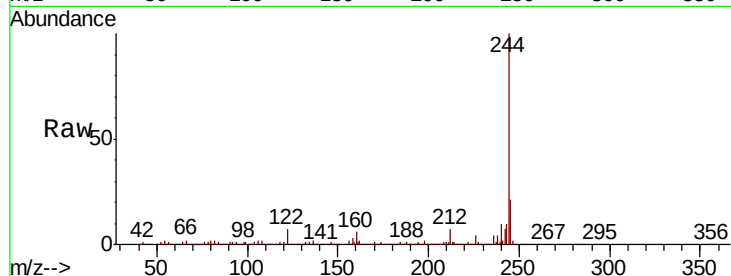
Tot Ion:244 Resp: 851188

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.6	5.4	8.2

244 100

212 7.1 5.8 8.6

122 6.6 5.4 8.2

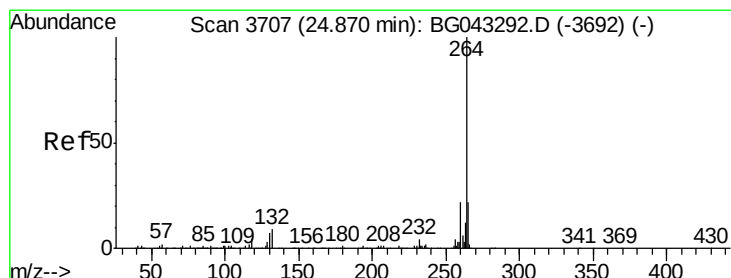
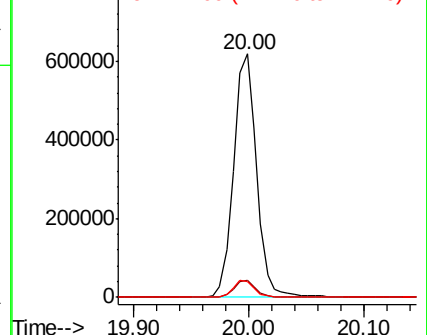
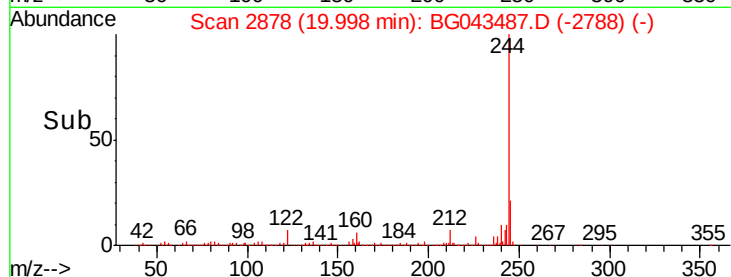


Abundance

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: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043487.D

Acq: 4 Nov 2019 19:07

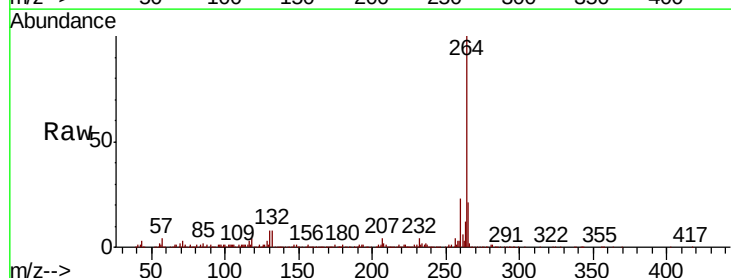
Tgt Ion:264 Resp: 348526

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.0	17.4	26.0

264 100

260 23.3 17.5 26.3

265 21.0 17.4 26.0



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

