

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 :
 TP

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

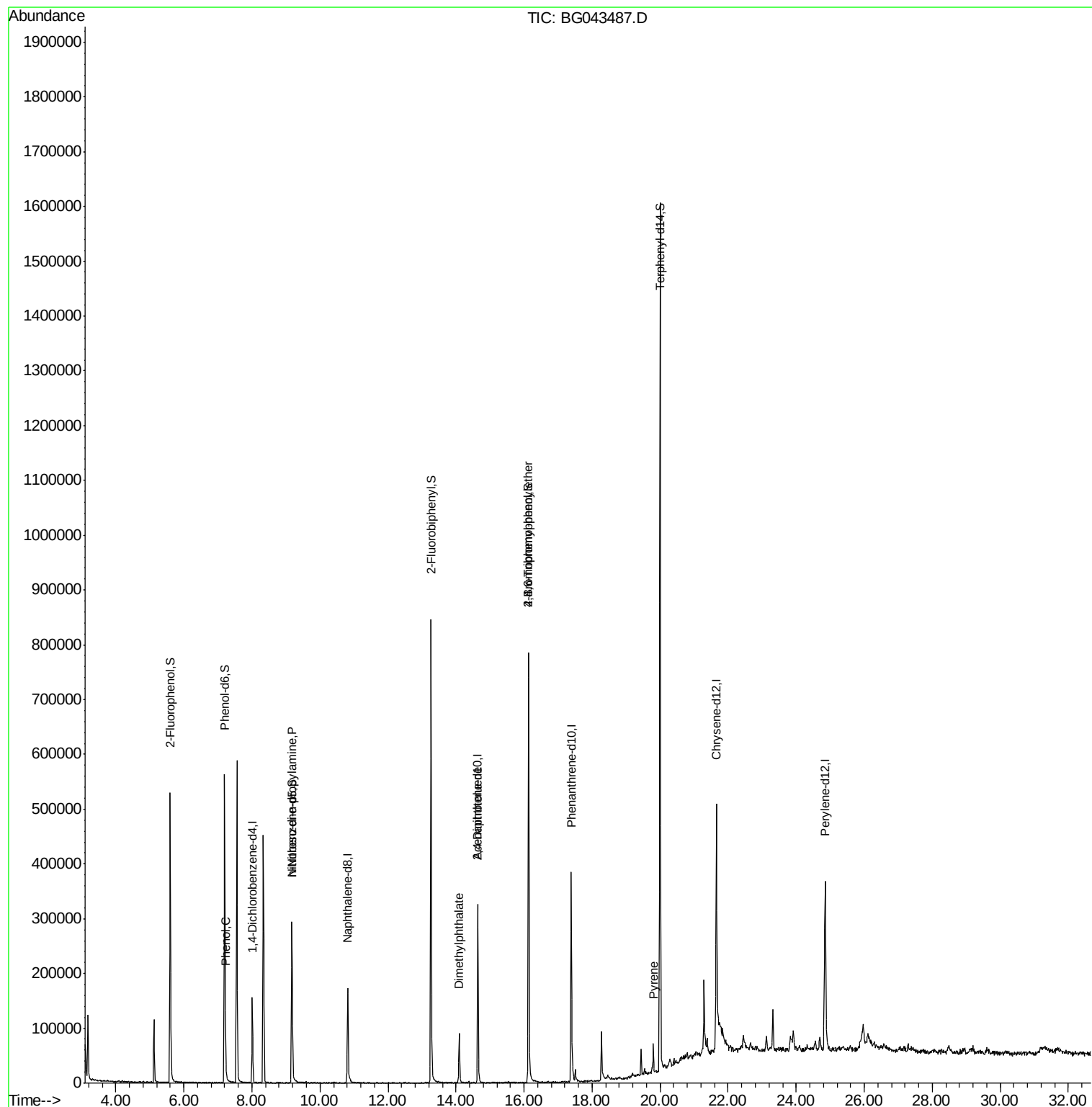
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	46606	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	178989	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	120814	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	272290	20.00	ng	0.00
76) Chrysene-d12	21.66	240	287009	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

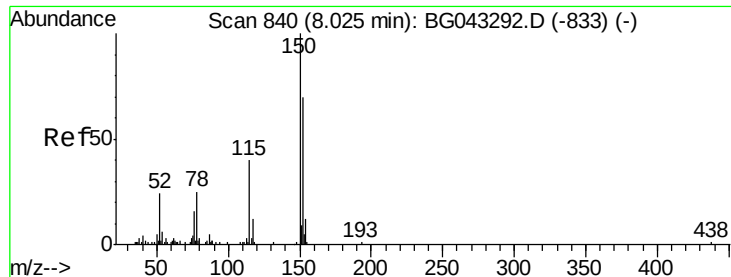
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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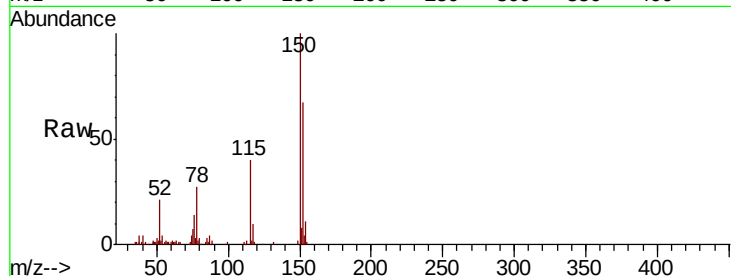


#1

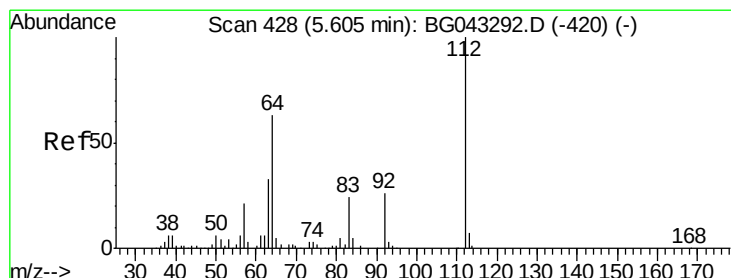
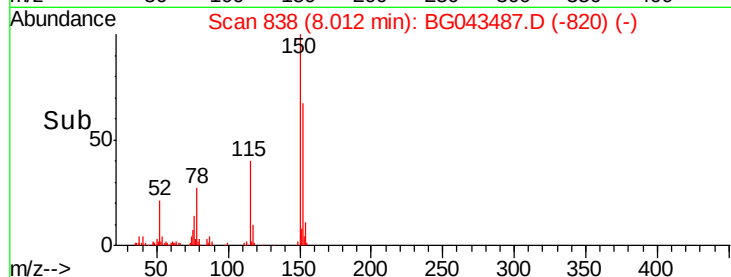
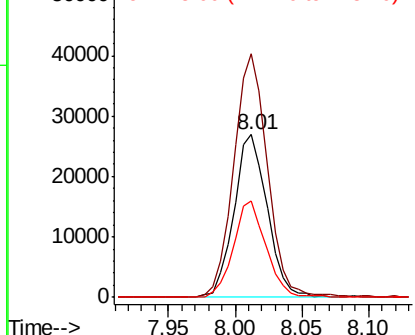
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

Instrument :
BNA_G
ClientSampled :
TP

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



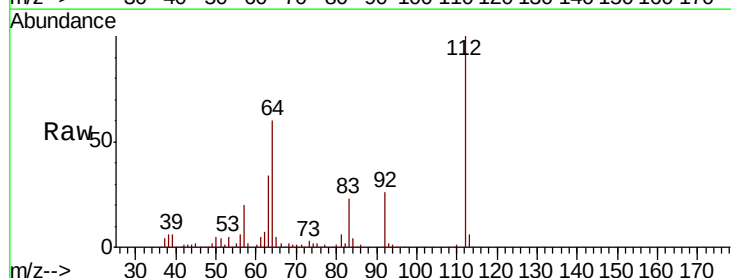
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



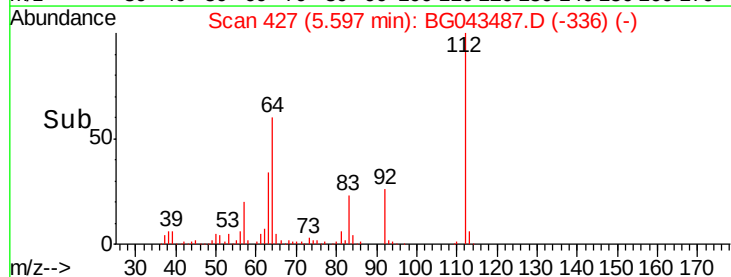
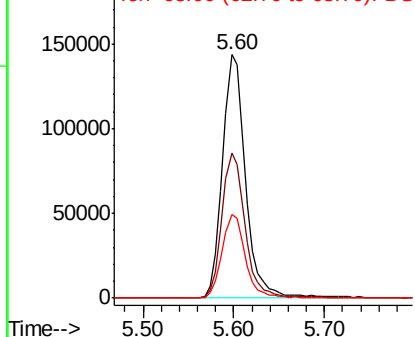
#5

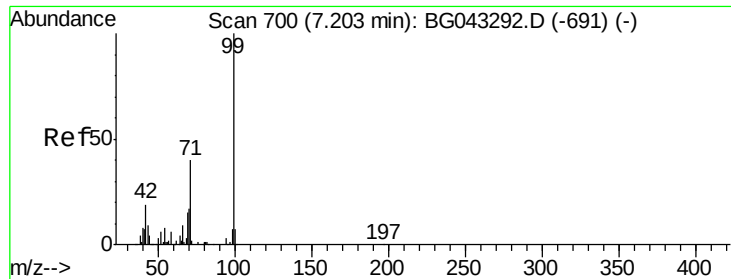
2-Fluorophenol
Concen: 99.830 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

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 :

TP

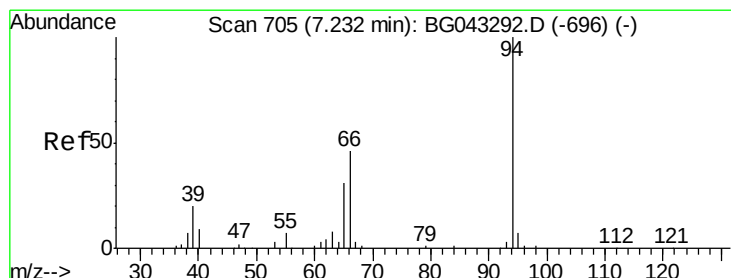
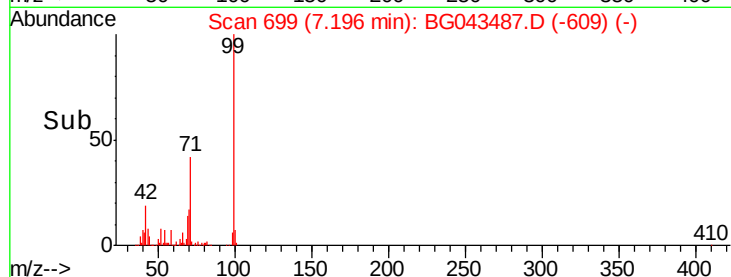
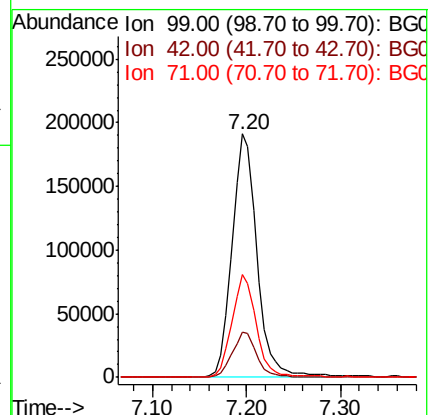
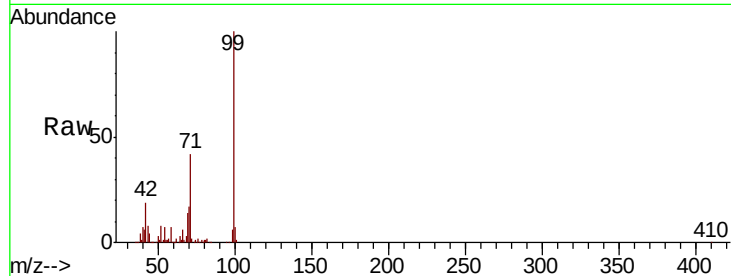
Tot Ion: 99 Resp: 353134

Ion Ratio Lower Upper

99 100

42 18.7 14.6 21.8

71 42.1 32.5 48.7



#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

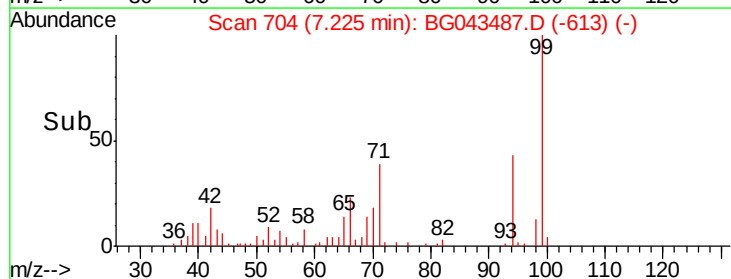
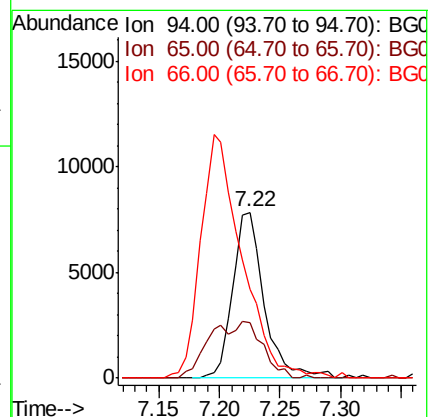
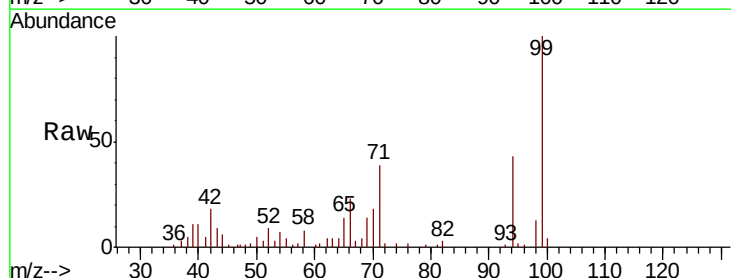
Tgt Ion: 94 Resp: 14171

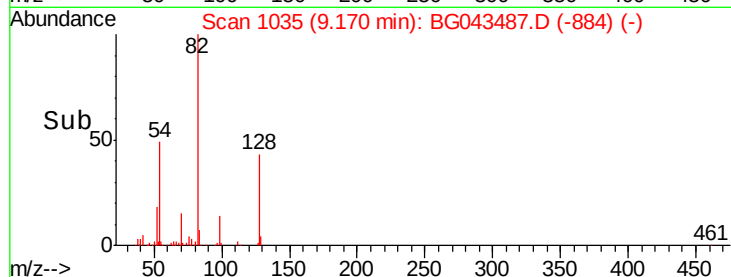
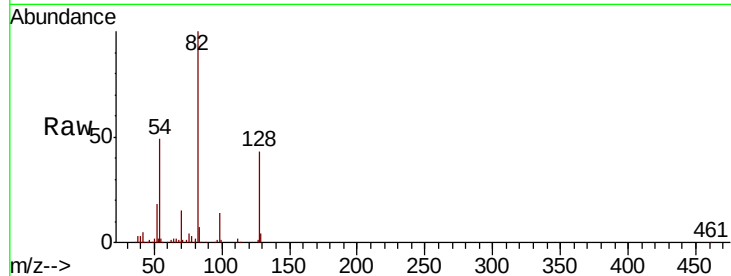
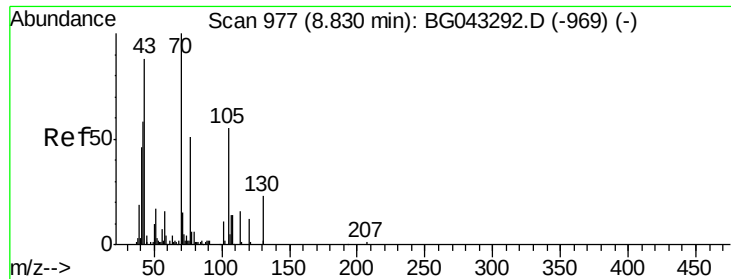
Ion Ratio Lower Upper

94 100

65 33.1 12.6 52.6

66 53.2 30.7 70.7

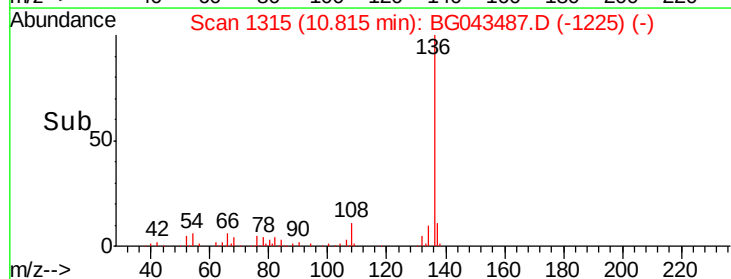
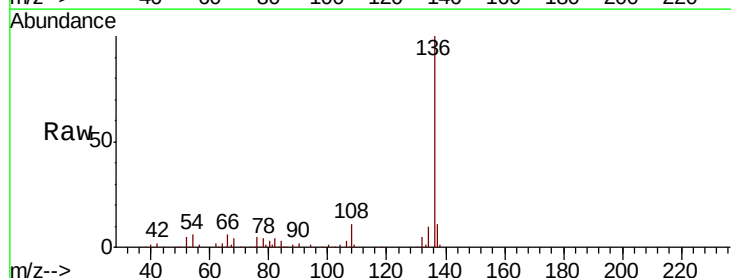
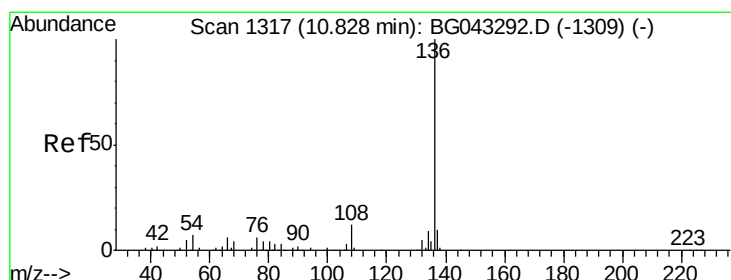
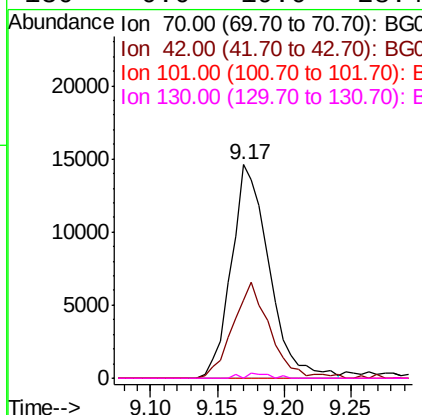




#19
n-Nitroso-di-n-propylamine
Concen: 12.146 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043487.D
Acq: 4 Nov 2019 19:07

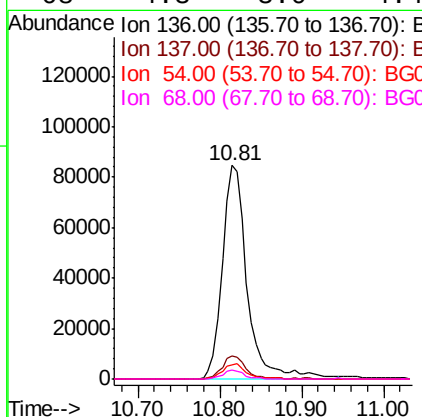
Instrument :
BNA_G
ClientSampleId :
TP

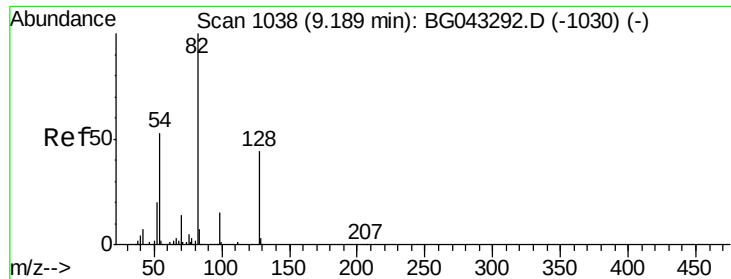
Tot Ion: 70 Resp: 28720
Ion Ratio Lower Upper
70 100
42 36.5 41.4 62.2#
101 0.0 7.9 11.9#
130 0.0 19.0 28.4#



#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

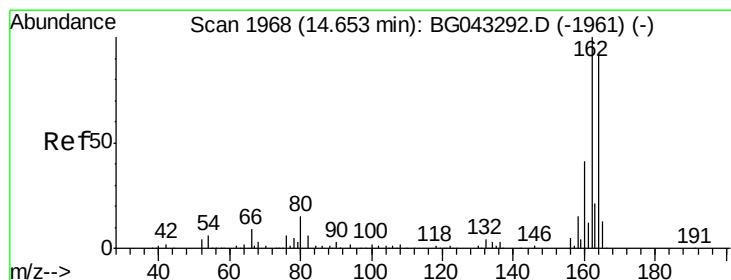
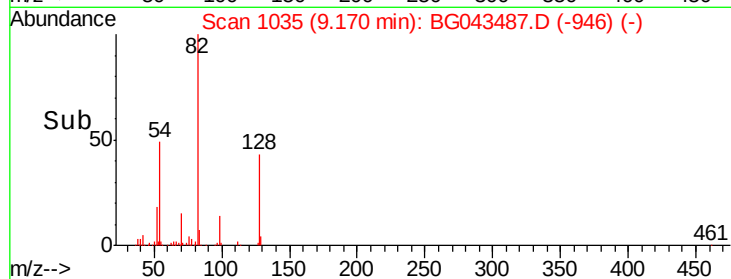
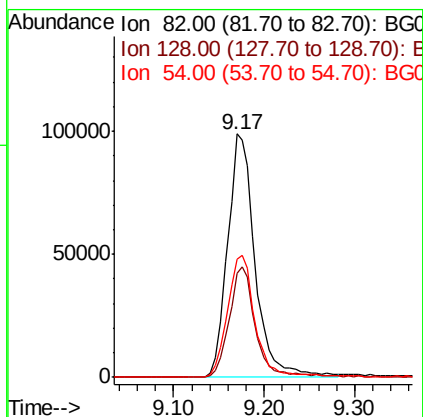
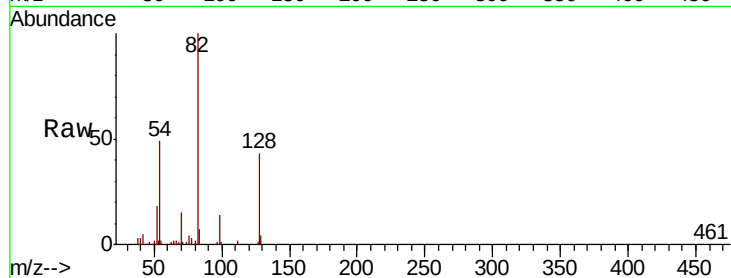




#23
 Nitrobenzene-d5
 Concen: 60.096 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

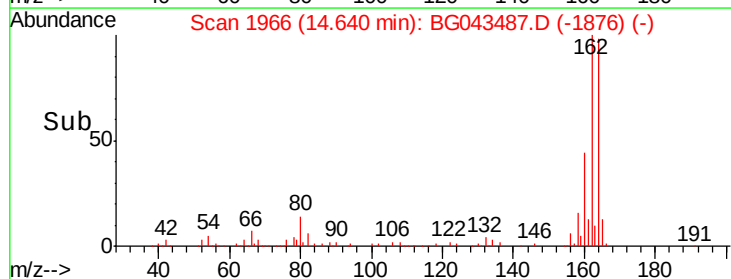
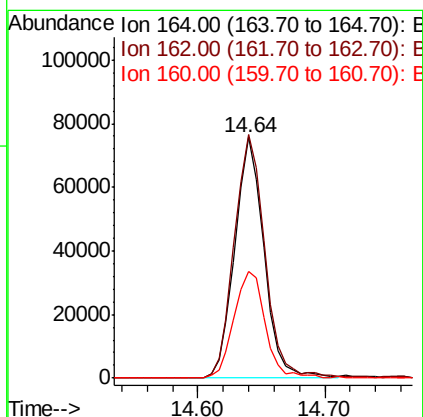
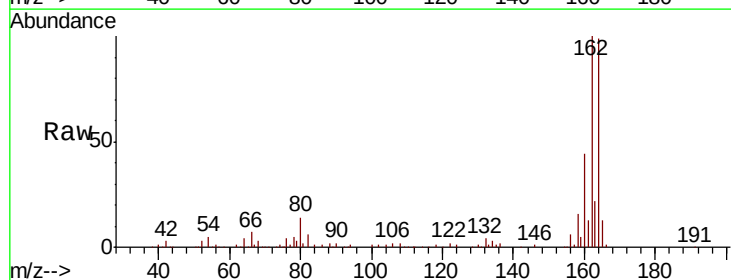
Instrument :
 BNA_G
 ClientSampled :
 TP

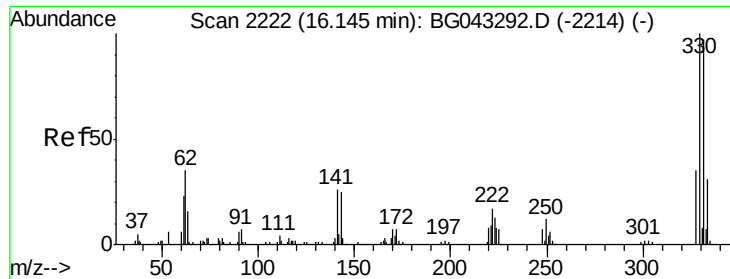
Tot Ion: 82 Resp: 208644
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.0 52.6
 54 48.8 40.2 60.2



#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

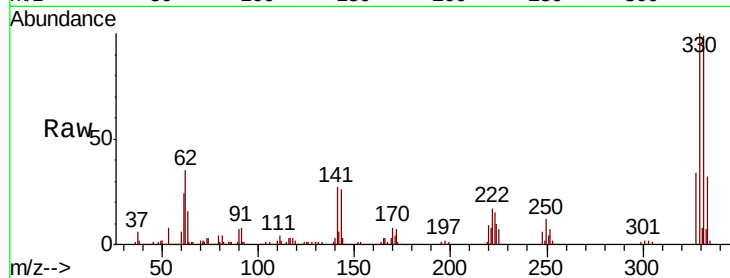




#42
 2,4,6-Tribromophenol
 Concen: 88.798 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043487.D
 Acq: 4 Nov 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :
 TP

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

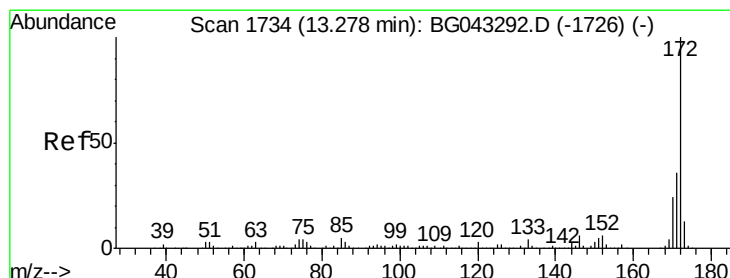
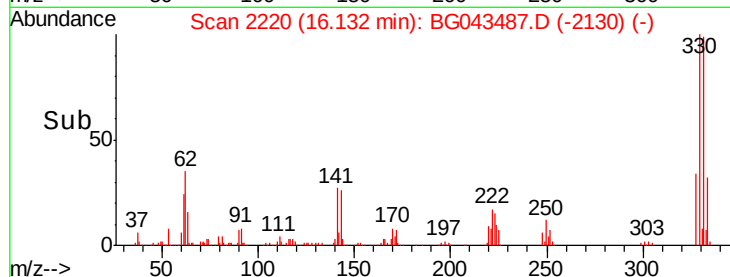
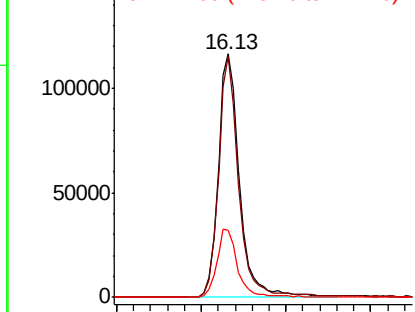


Abundance

Ion 329.80 (329.50 to 330.50): E

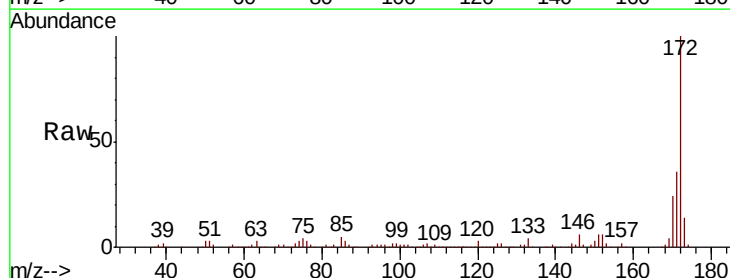
Ion 331.80 (331.50 to 332.50): E

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

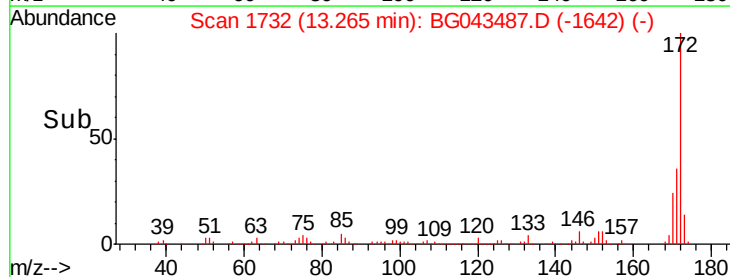
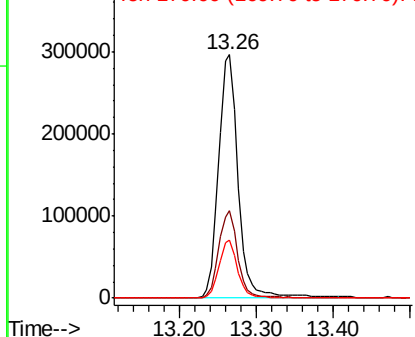


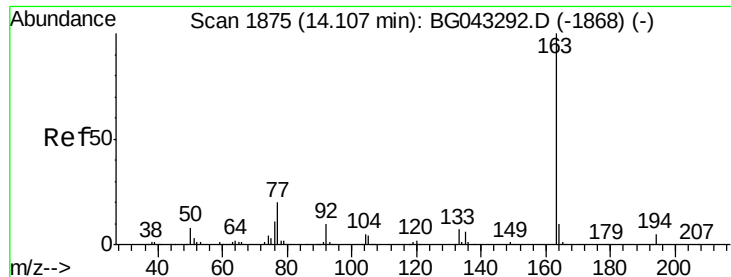
Abundance

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

ClientSampled :

TP

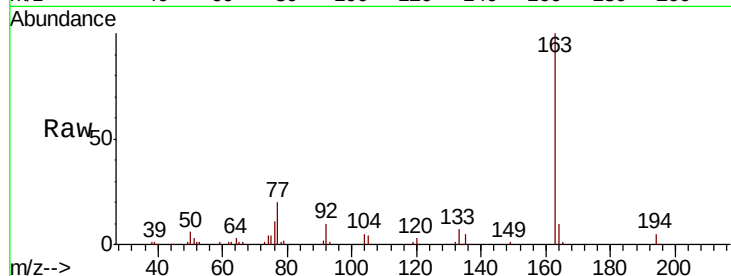
Tot Ion:163 Resp: 75448

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

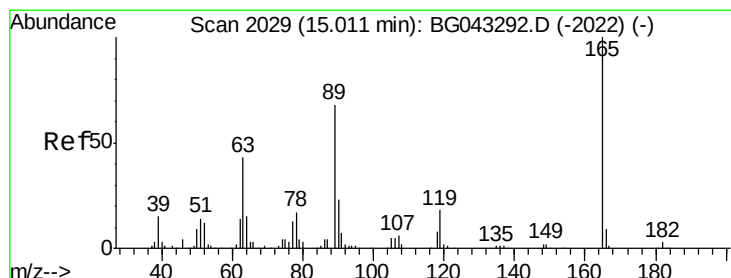
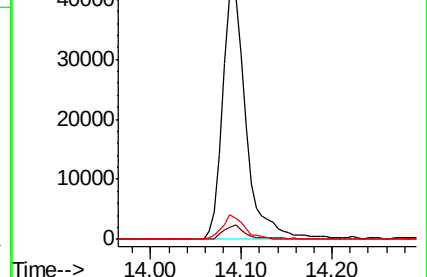
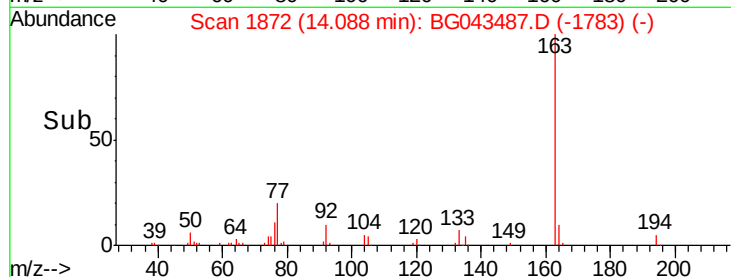
164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

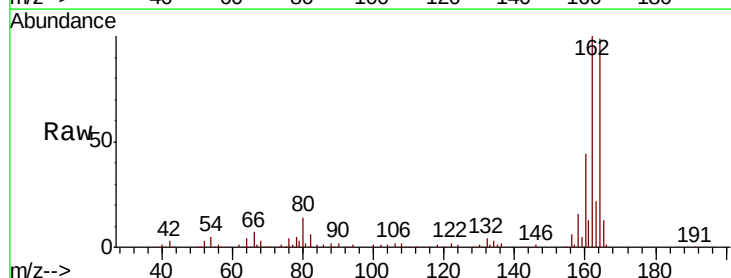
Ion Ratio Lower Upper

165 100

63 3.2 33.2 49.8#

89 1.7 52.2 78.4#

182 0.0 2.0 3.0#

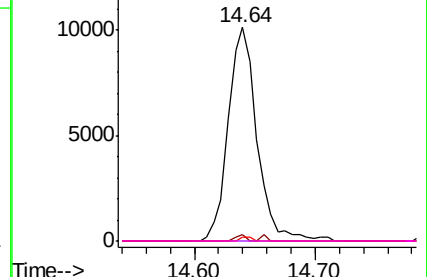
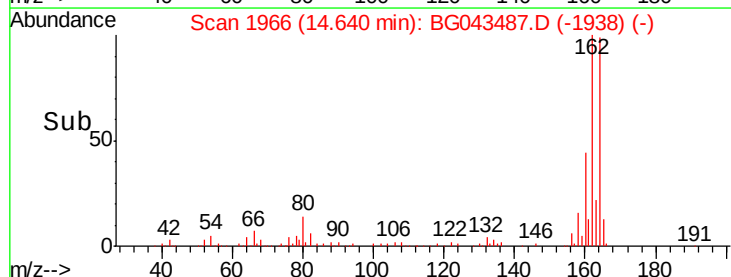


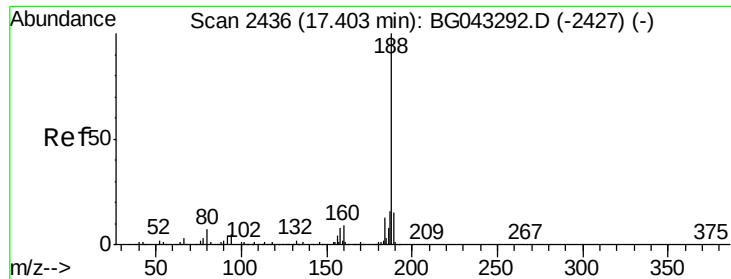
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#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 :

TP

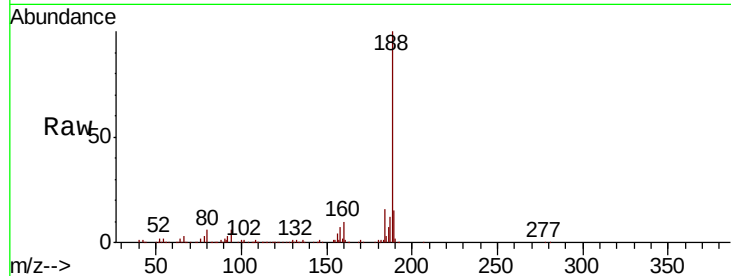
Tot Ion:188 Resp: 272290

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

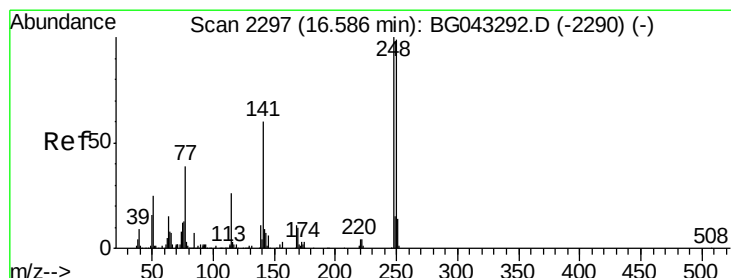
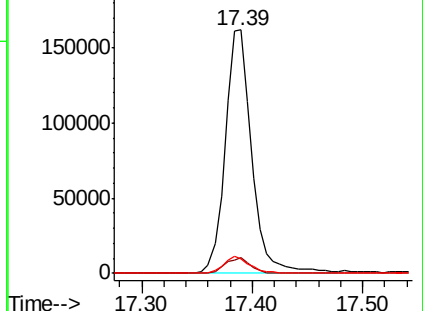
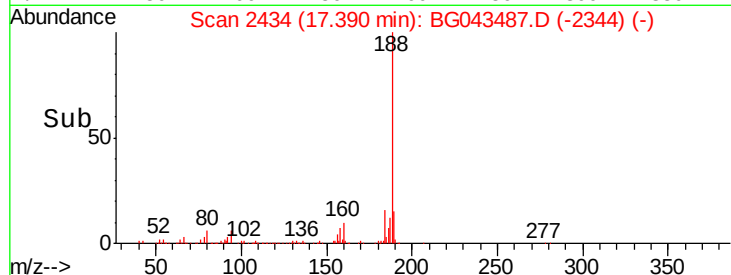
80 6.0 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG043487.D (-2344) (-)

Ion 80.00 (79.70 to 80.70): BG043487.D (-2344) (-)



#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

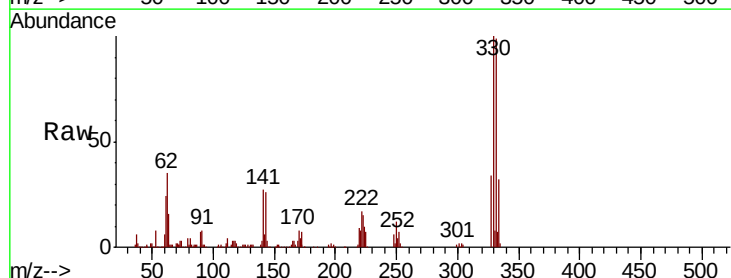
Tgt Ion:248 Resp: 11877

Ion Ratio Lower Upper

248 100

250 196.2 77.0 115.4#

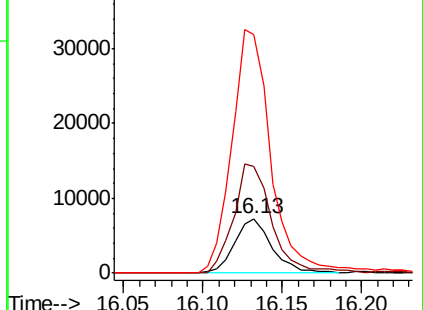
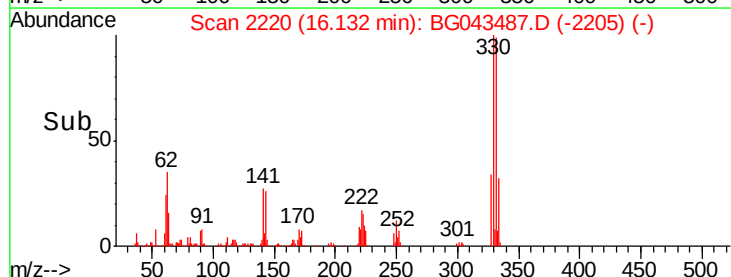
141 439.8 47.5 71.3#

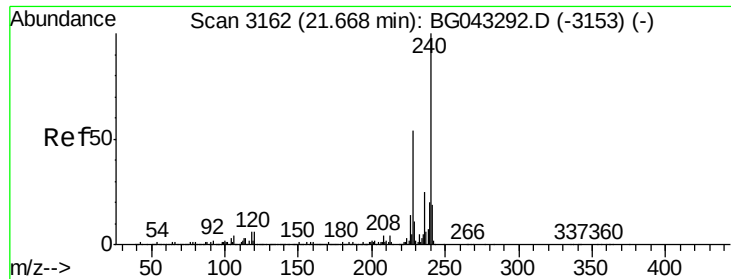


Abundance Ion 248.00 (247.70 to 248.70): E

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

ClientSampled :

TP

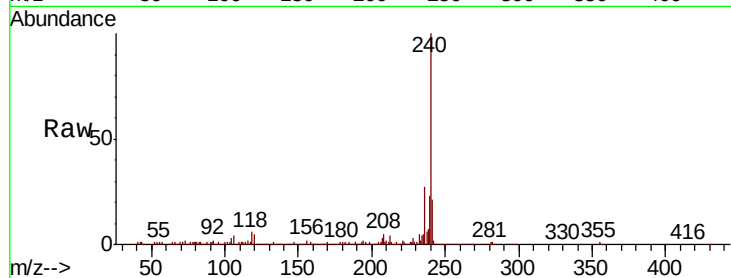
Tot Ion:240 Resp: 287009

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

236 27.0 19.8 29.8

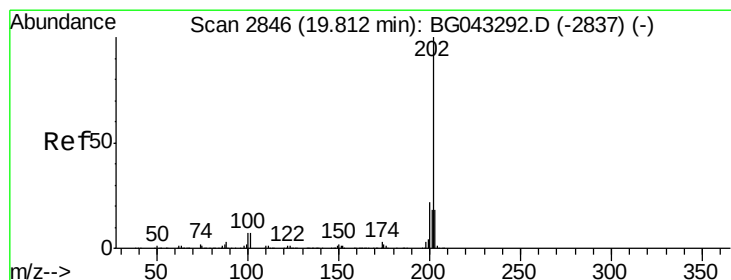
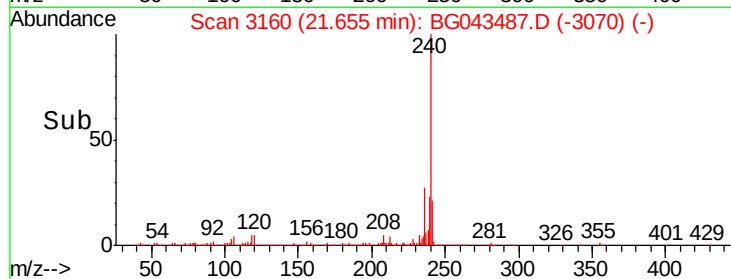
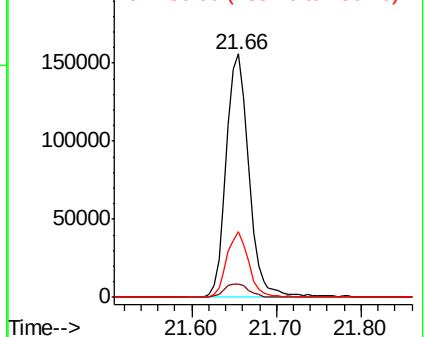


Abundance

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

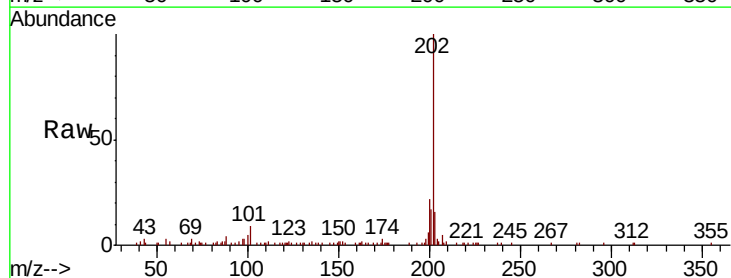
Tgt Ion:202 Resp: 36996

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

203 16.3 14.7 22.1

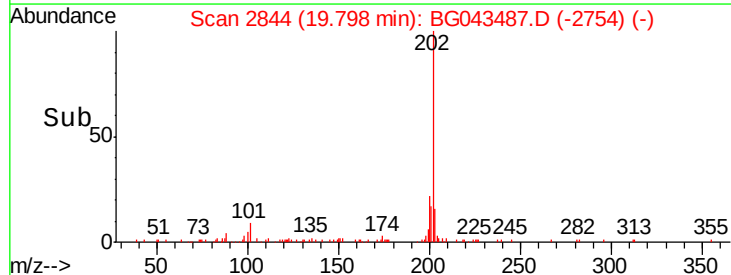
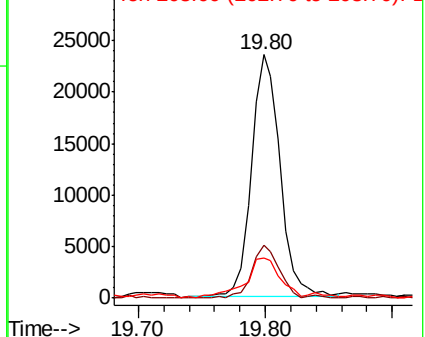


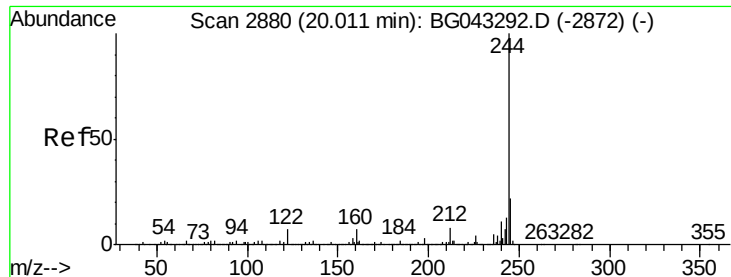
Abundance

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 :

TP

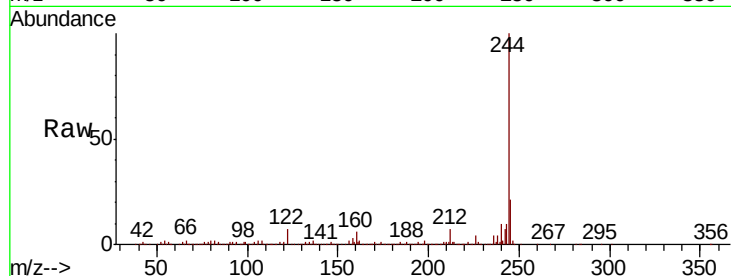
Tot Ion:244 Resp: 851188

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

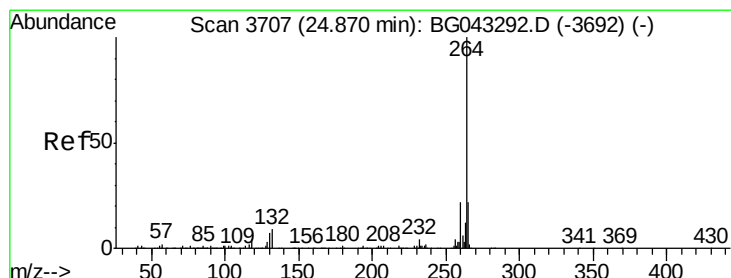
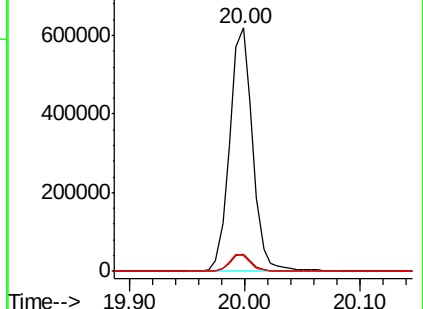
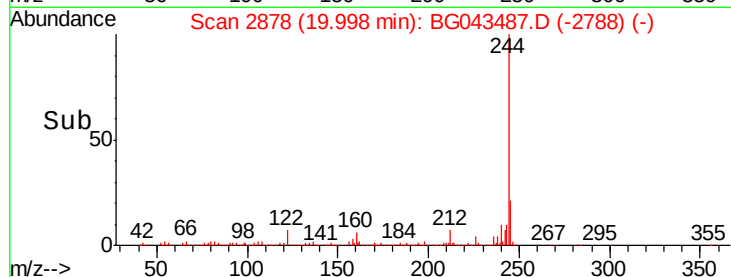
122 6.6 5.4 8.2



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

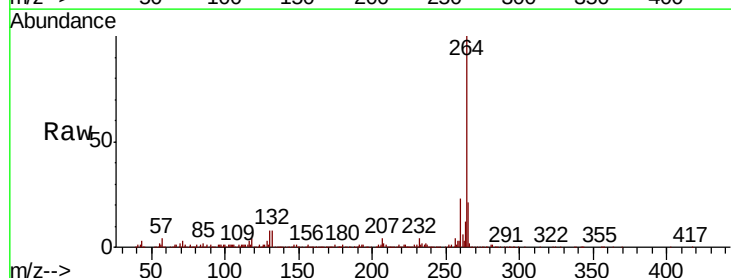
Tgt Ion:264 Resp: 348526

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 21.0 17.4 26.0



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

