

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043485.D
 Acq On : 4 Nov 2019 17:50
 Operator : JU
 Sample : K5623-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAT-TOTE

Quant Time: Nov 05 01:19:55 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

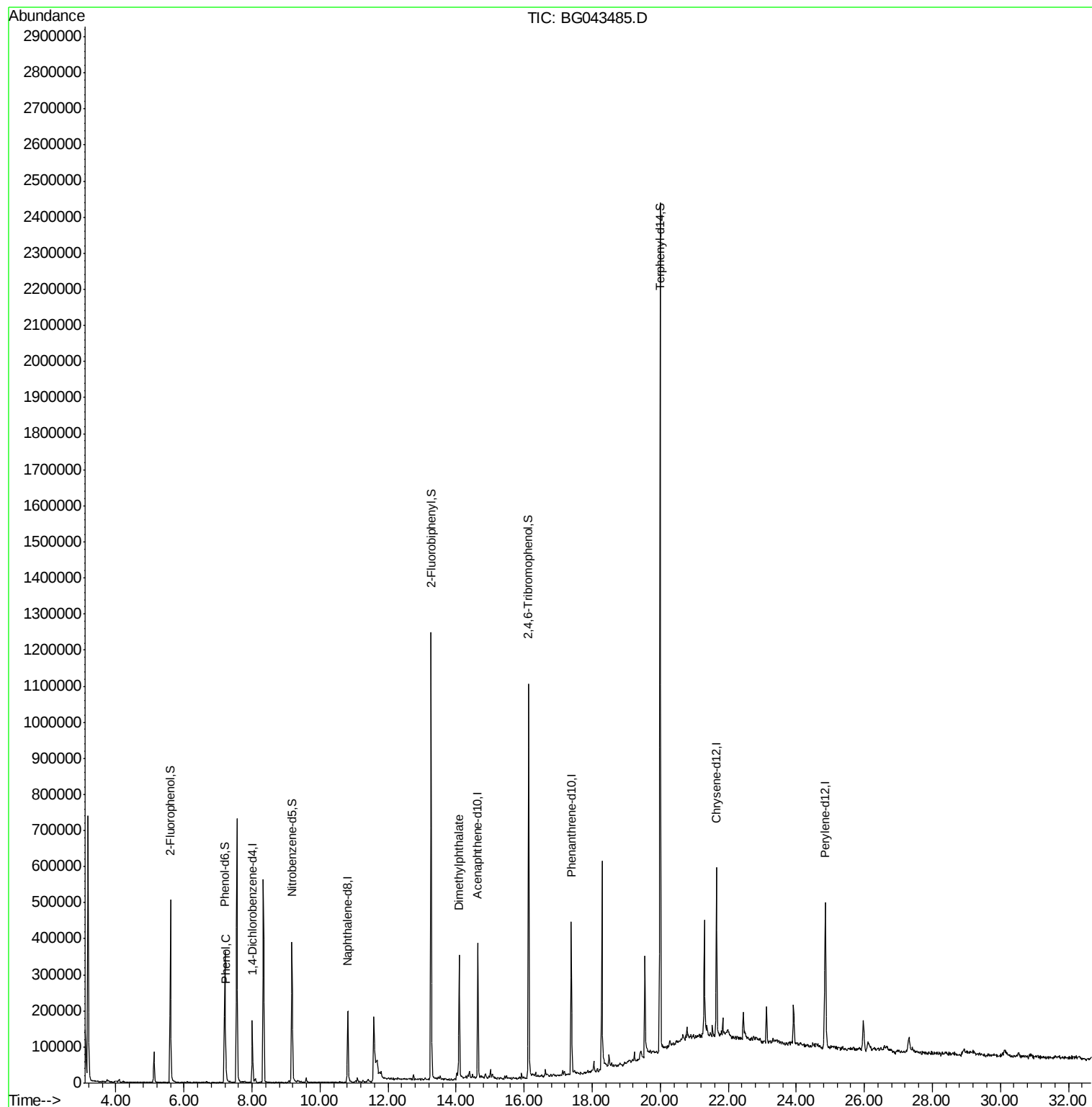
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	51035	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	194114	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	134677	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	290620	20.00	ng	0.00
76) Chrysene-d12	21.65	240	303275	20.00	ng	0.00
87) Perylene-d12	24.85	264	368617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	246719	88.59	ng	0.00
7) Phenol-d6	7.20	99	237813	59.35	ng	0.00
23) Nitrobenzene-d5	9.17	82	267190	70.96	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	256658	100.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	701595	71.98	ng	0.00
79) Terphenyl-d14	20.00	244	1214531	75.13	ng	0.00
Target Compounds						
10) Phenol	7.22	94	43764	11.952	ng	94
50) Dimethylphthalate	14.09	163	239195	22.930	ng	97

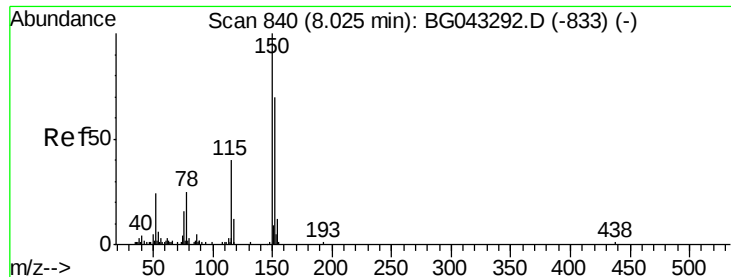
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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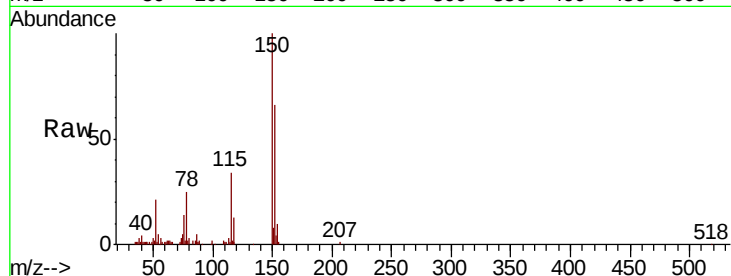


#1

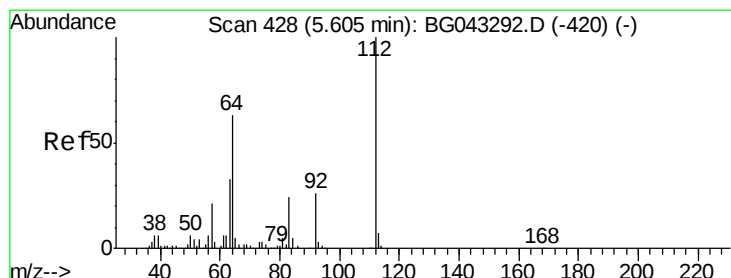
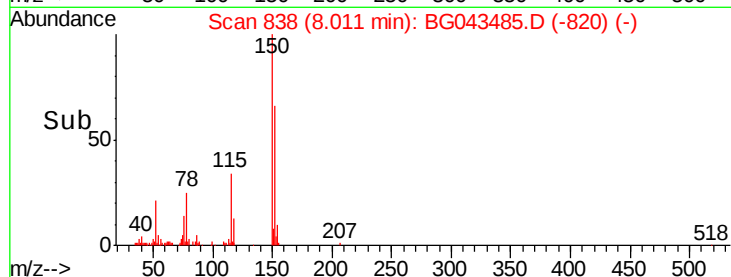
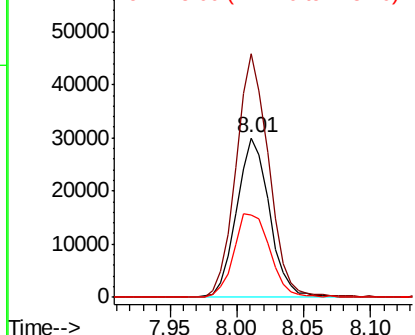
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PAT-TOTE

Tot Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 152.5 129.4 194.0
115 51.3 48.8 73.2



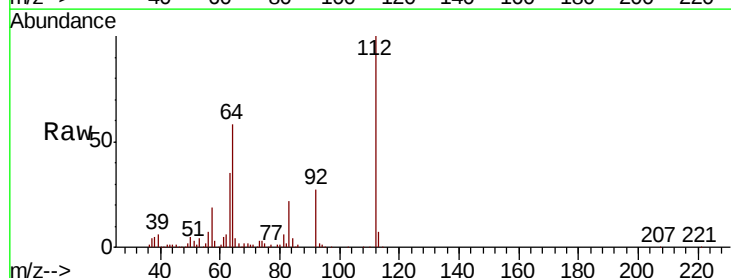
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



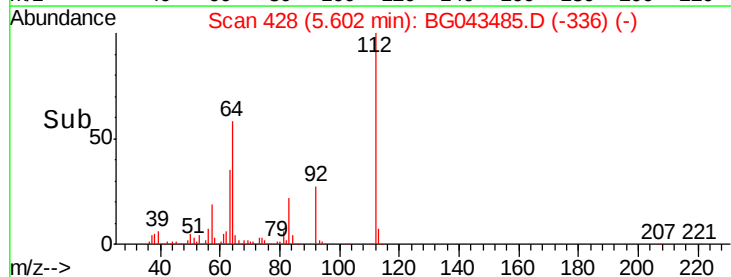
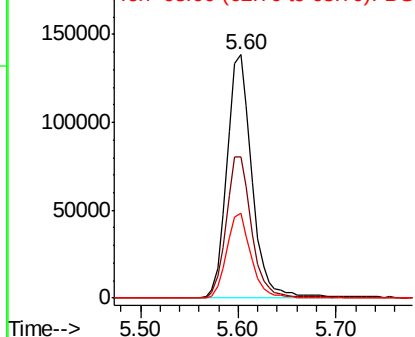
#5

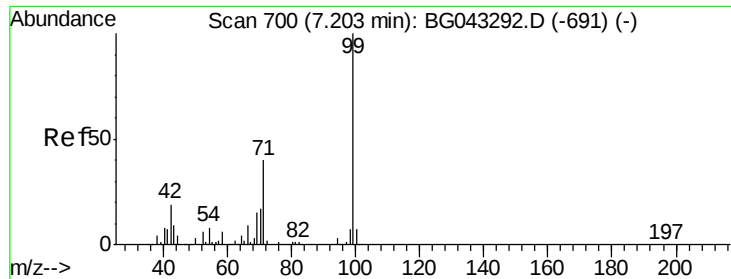
2-Fluorophenol
Concen: 88.586 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion:112 Resp: 246719
Ion Ratio Lower Upper
112 100
64 58.1 50.0 75.0
63 34.7 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: 59.348 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PAT-TOTE

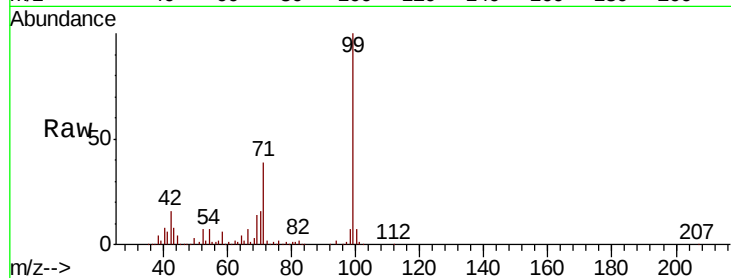
Tot Ion: 99 Resp: 237813

Ion Ratio Lower Upper

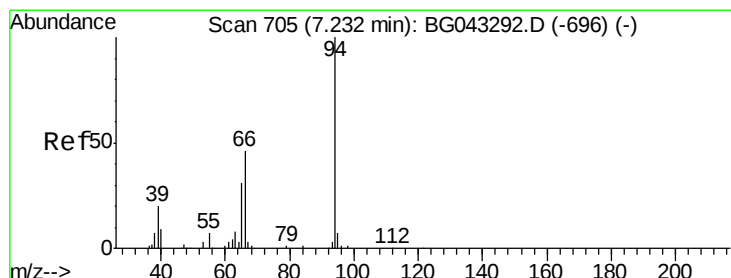
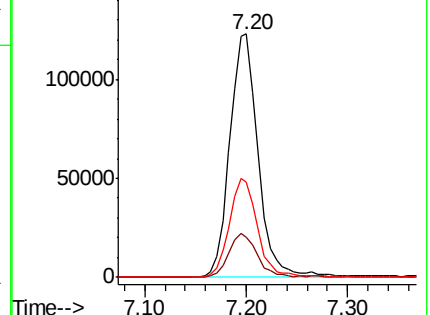
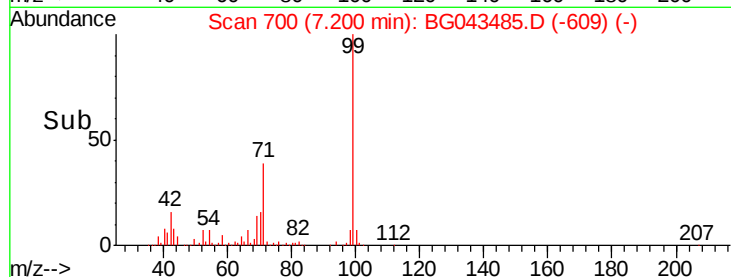
99 100

42 16.2 14.6 21.8

71 39.1 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: 11.952 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

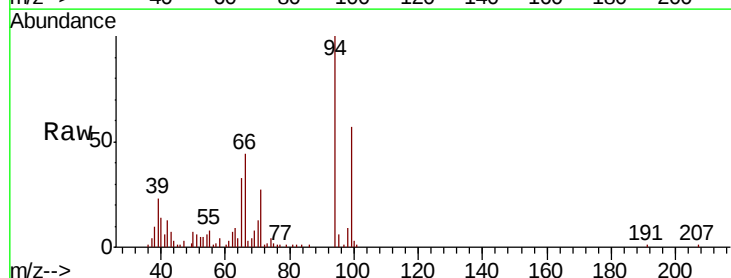
Tgt Ion: 94 Resp: 43764

Ion Ratio Lower Upper

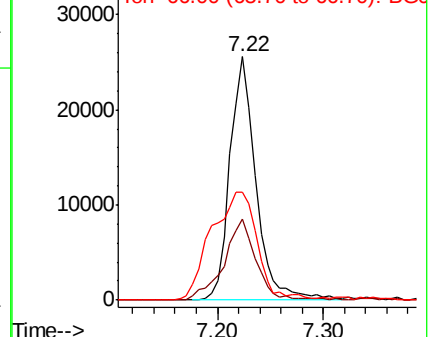
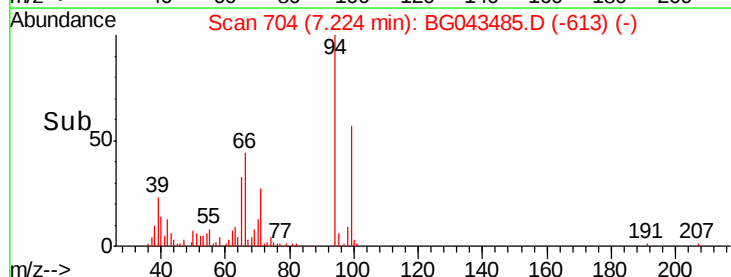
94 100

65 33.3 12.6 52.6

66 44.4 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

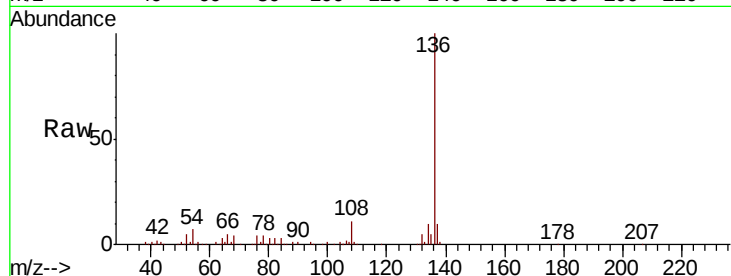




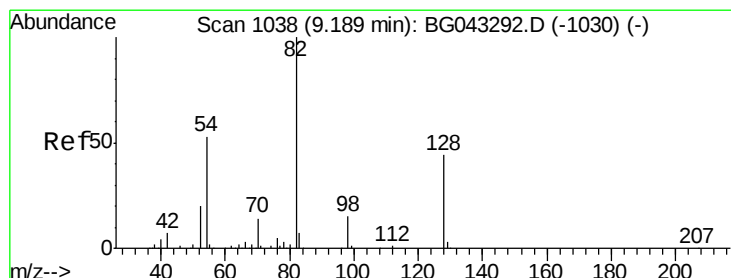
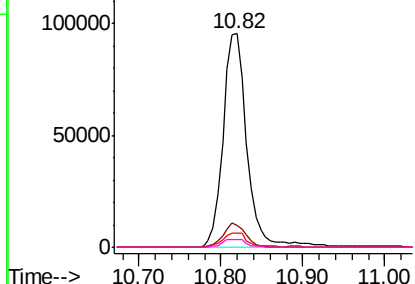
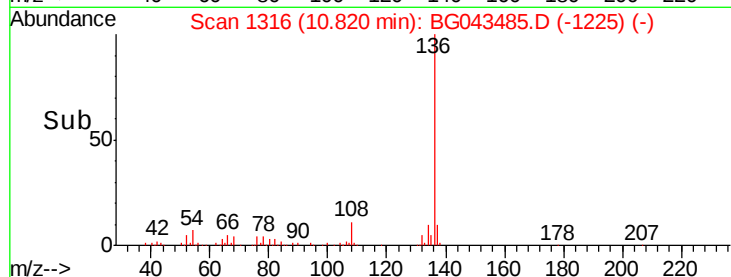
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampled :
PAT-TOTE

Tot Ion:136	Resp:	194114
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.7 13.1
54	6.9	5.4 8.2
68	3.6	3.0 4.4

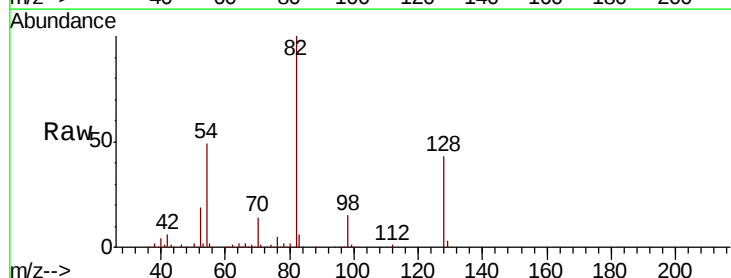


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

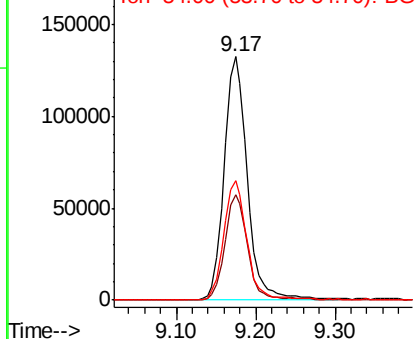
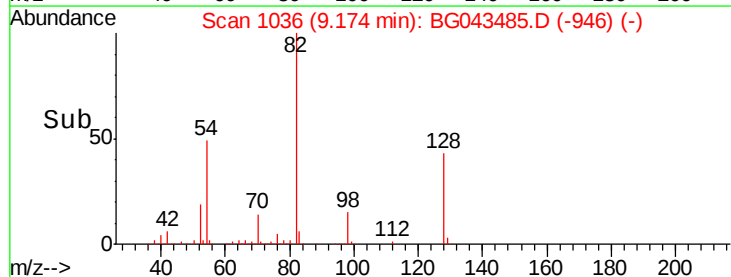


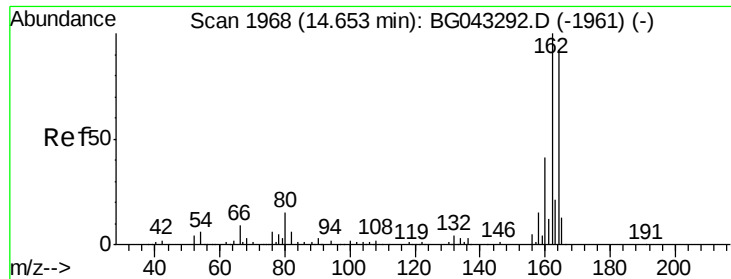
#23
Nitrobenzene-d5
Concen: 70.963 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion: 82	Resp:	267190
Ion Ratio	Lower	Upper
82	100	
128	43.3	35.0 52.6
54	49.1	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PAT-TOTE

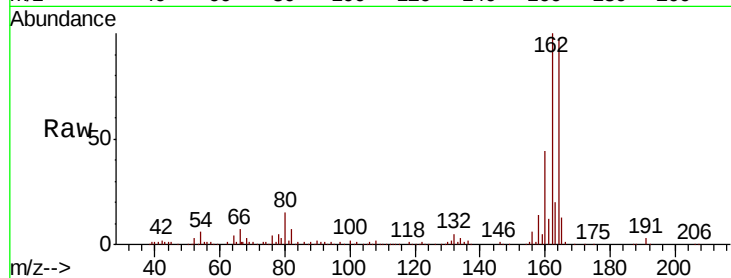
Tot Ion:164 Resp: 134677

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 45.1 36.5 54.7

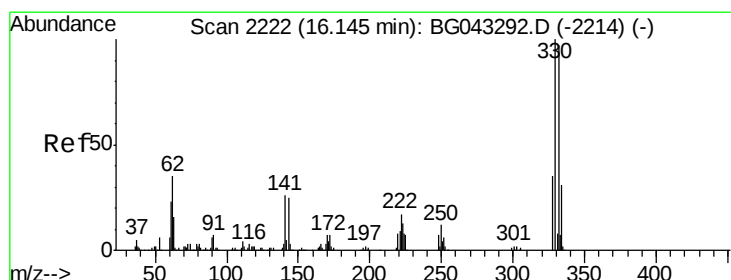
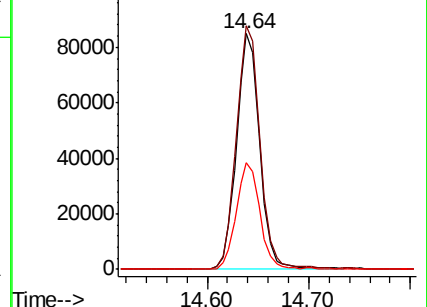
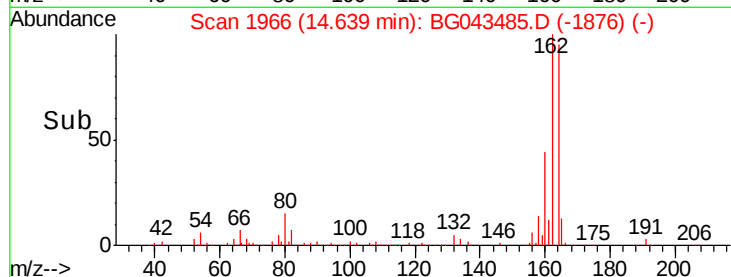


Abundance

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: 100.143 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

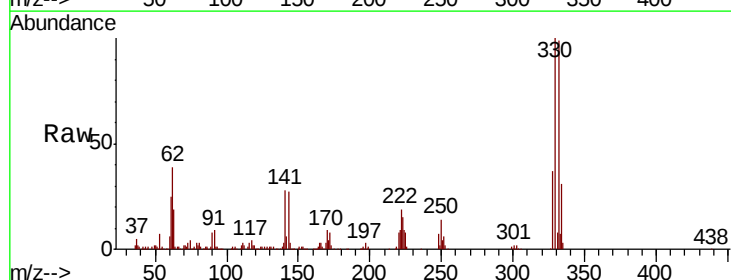
Tgt Ion:330 Resp: 256658

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.0 22.8 34.2

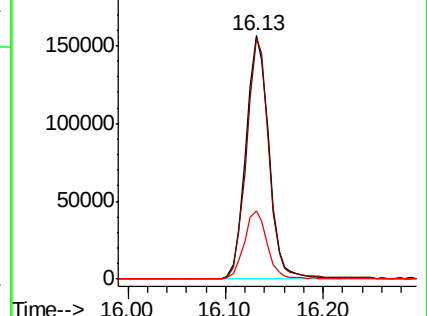
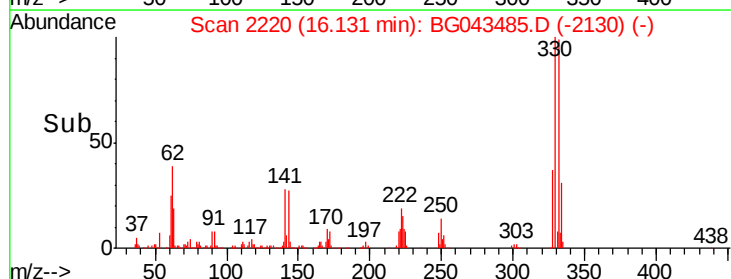


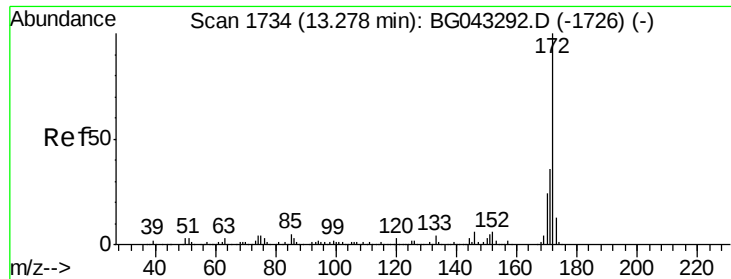
Abundance

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

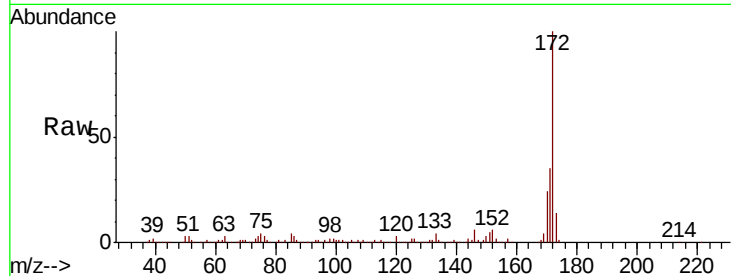




#45
2-Fluorobiphenyl
Concen: 71.985 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PAT-TOTE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.5	18.5	27.7

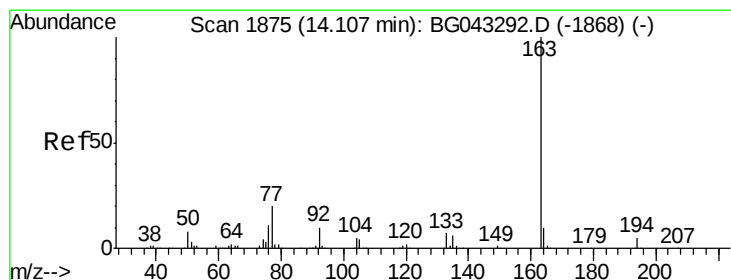
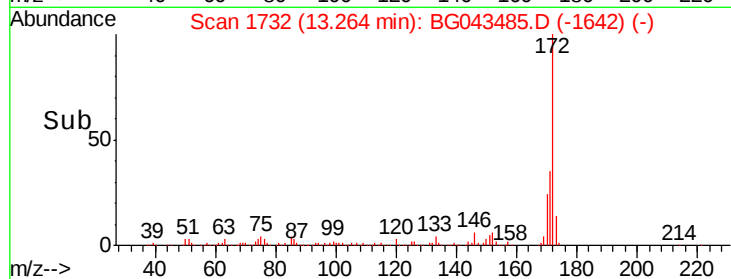
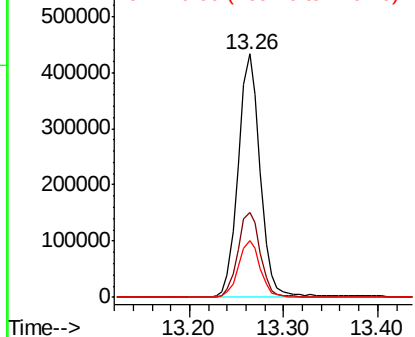


Abundance

Ion 172.00 (171.70 to 172.70): E

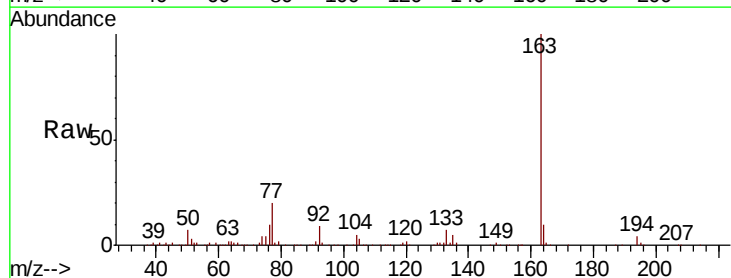
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 22.930 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	9.7	8.9	13.3

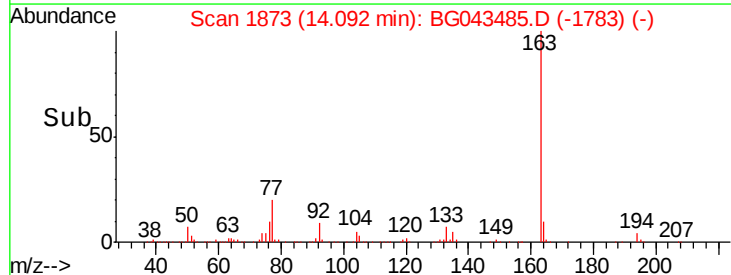
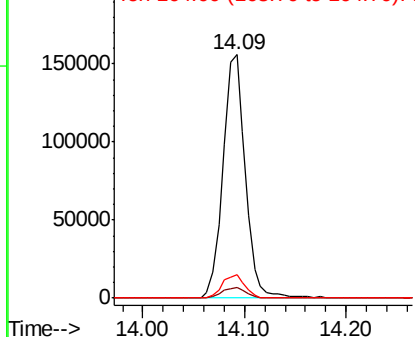


Abundance

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

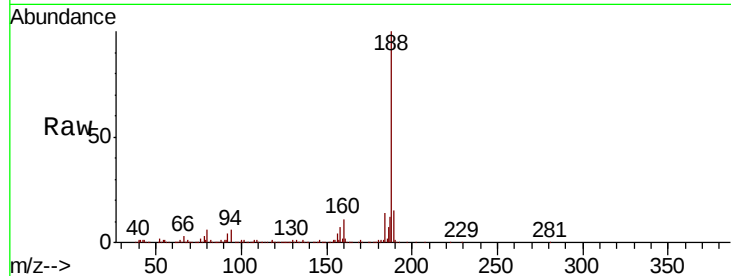




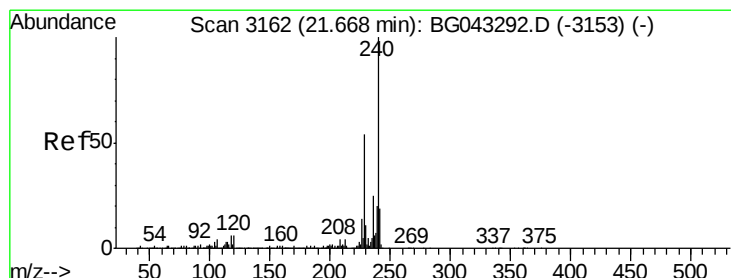
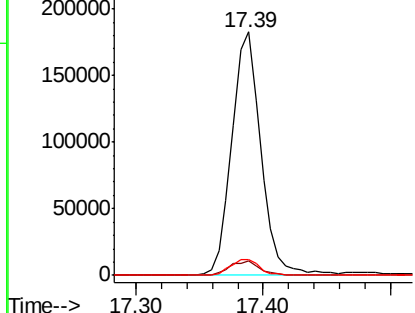
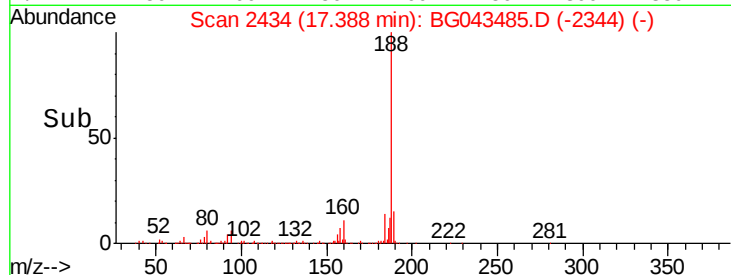
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PAT-TOTE

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	6.3	4.5	6.7

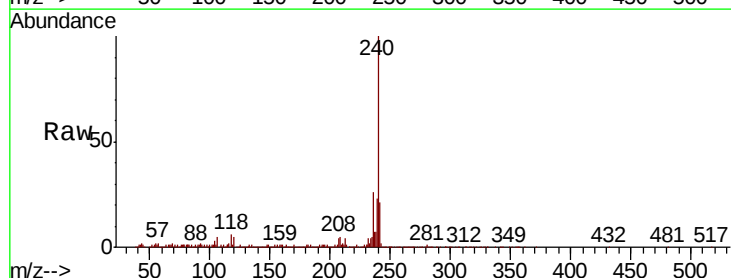


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

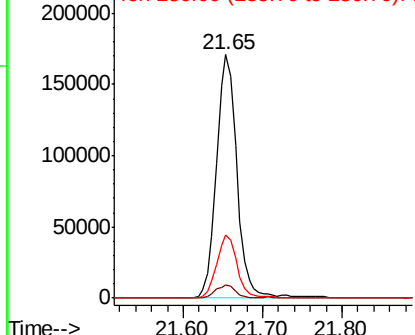
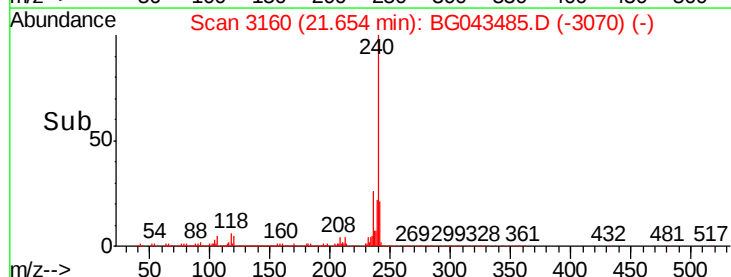


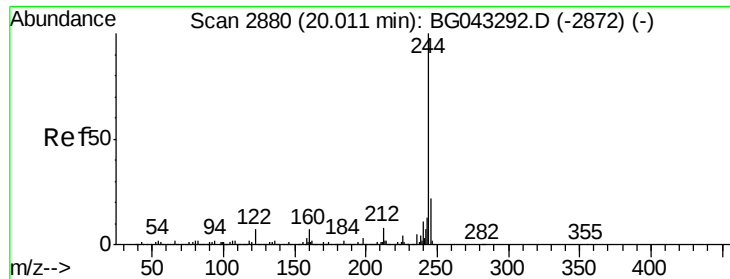
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	26.0	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





#79

Terphenyl-d14

Concen: 75.131 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PAT-TOTE

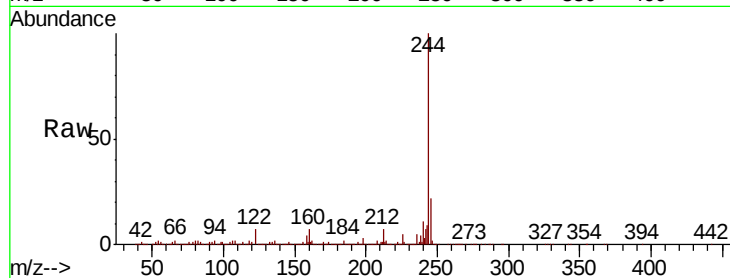
Tot Ion:244 Resp: 1214531

Ion Ratio Lower Upper

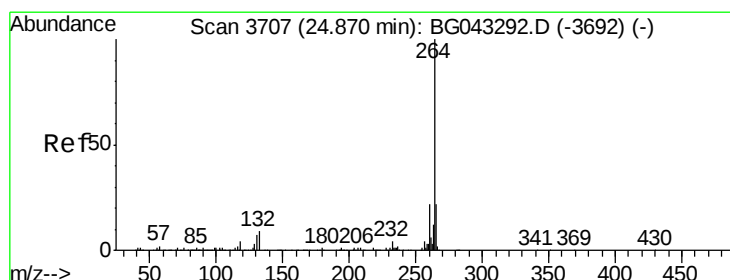
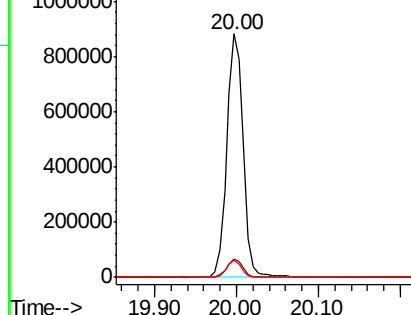
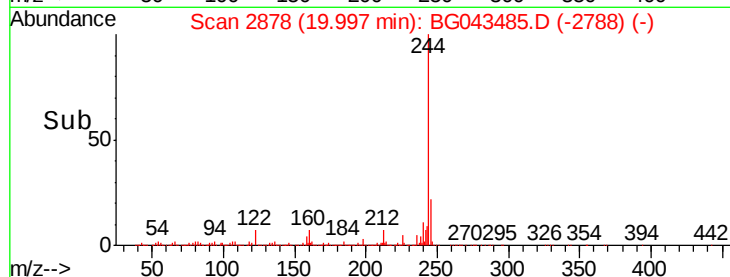
244 100

212 7.4 5.8 8.6

122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

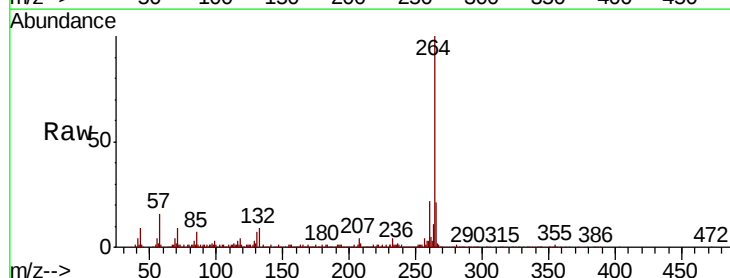
Tgt Ion:264 Resp: 368617

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
100000
Ion 265.00 (264.70 to 265.70): E

