

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041485.D
 Acq On : 27 Jun 2019 11:12
 Operator : HP/JU
 Sample : K3511-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 13:00:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 06:49:14 2019
 Response via : Initial Calibration

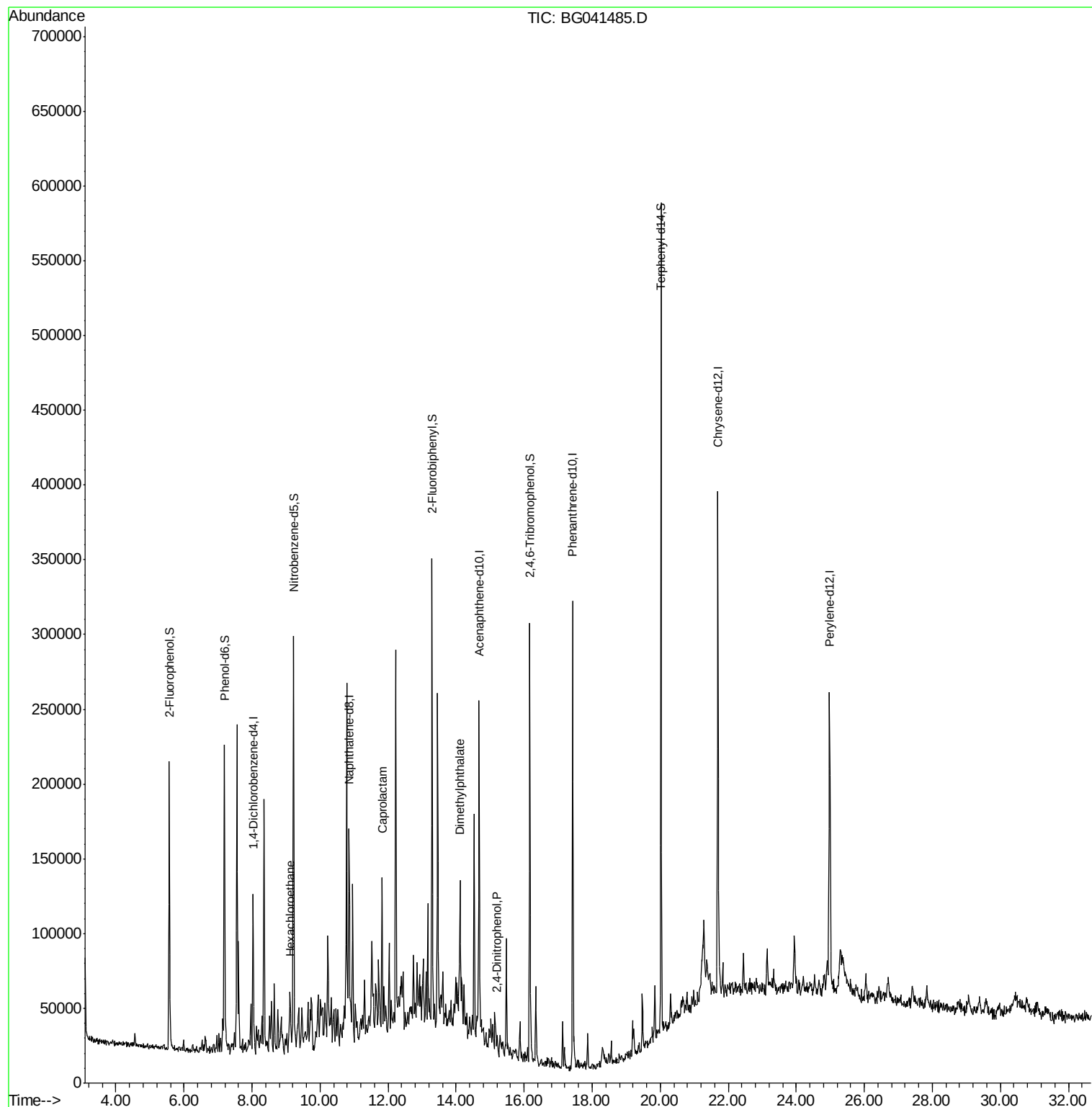
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27493	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	107375	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77946	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	199321	20.00	ng	0.00
76) Chrysene-d12	21.69	240	210337	20.00	ng	0.00
87) Perylene-d12	24.98	264	231090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	81707	52.98	ng	0.00
7) Phenol-d6	7.18	99	119890	55.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	84858	32.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	62786	47.18	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	161245	26.55	ng	0.00
79) Terphenyl-d14	20.03	244	276858	27.97	ng	0.00
Target Compounds						
18) Hexachloroethane	9.13	117	1813	2.037	ng	# 1
35) Caprolactam	11.82	113	3324	5.247	ng	# 1
50) Dimethylphthalate	14.12	163	26650	3.757	ng	# 96
54) 2,4-Dinitrophenol	15.20	184	57	2.655	ng	# 15

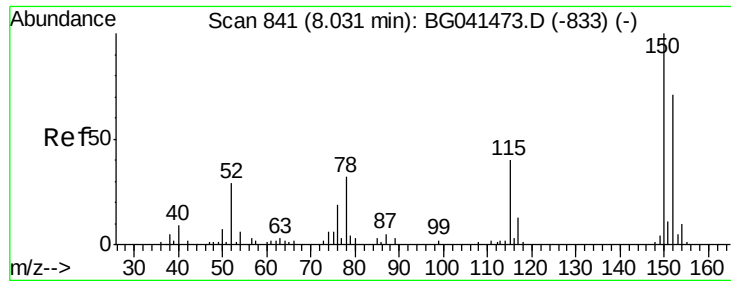
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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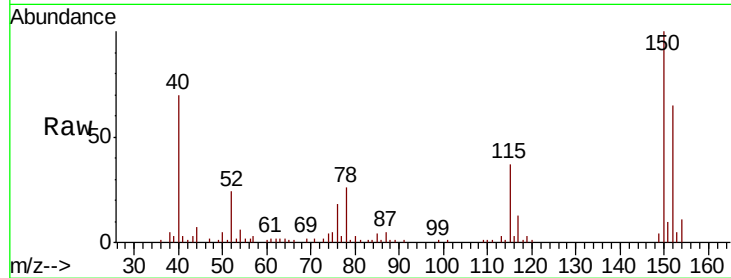


#1

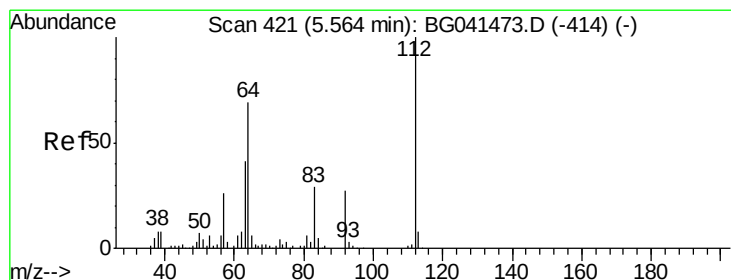
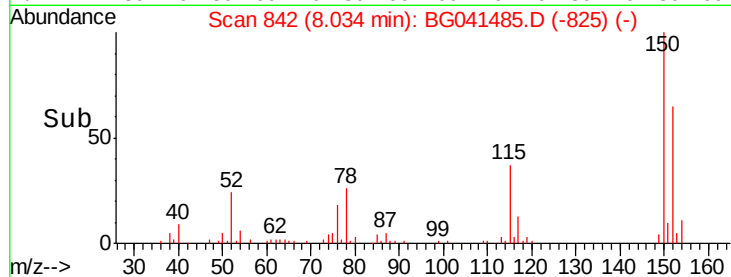
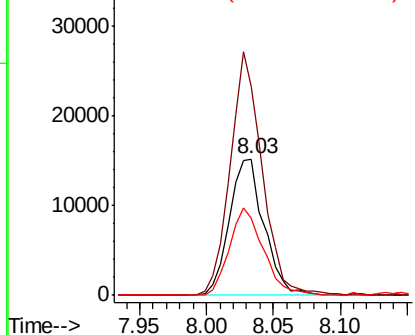
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG041485.D
Acq: 27 Jun 2019 11:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27493
Ion Ratio Lower Upper
152 100
150 153.0 112.4 168.6
115 57.0 44.6 66.8



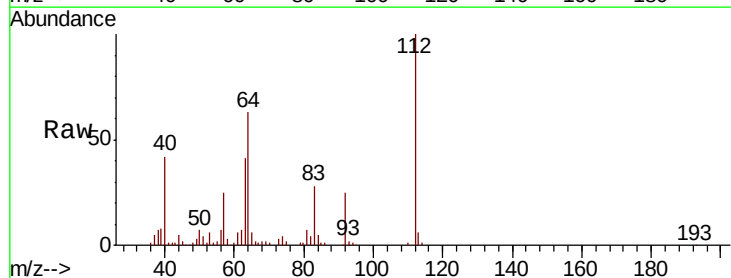
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



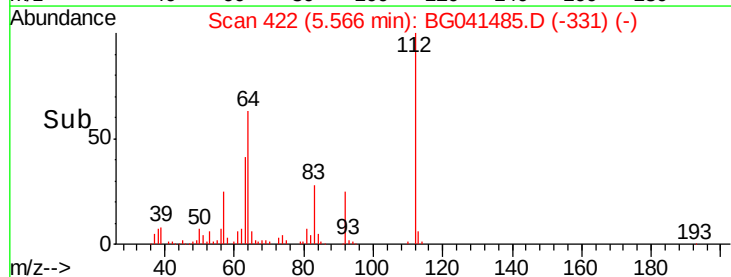
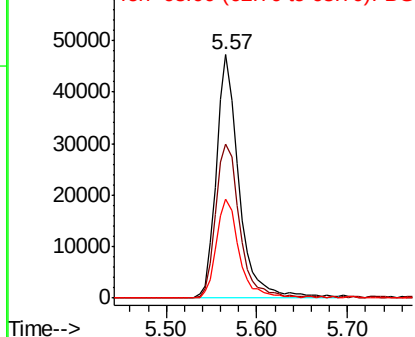
#5

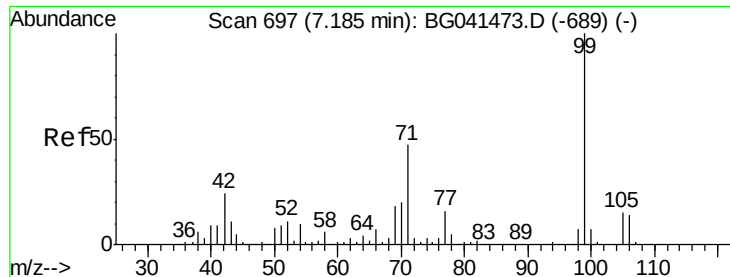
2-Fluorophenol
Concen: 52.985 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041485.D
Acq: 27 Jun 2019 11:12

Tgt Ion:112 Resp: 81707
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 40.6 32.4 48.6



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: 55.227 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

Instrument :

BNA_G

ClientSampled :

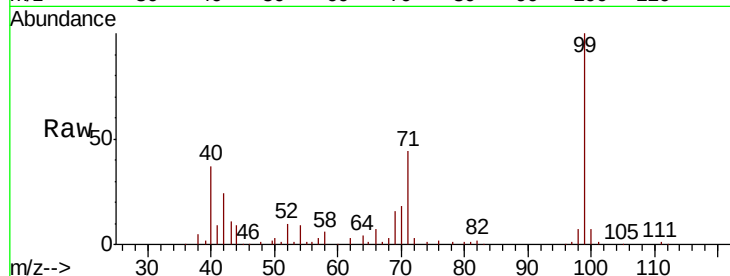
Tot Ion: 99 Resp: 119890

Ion Ratio Lower Upper

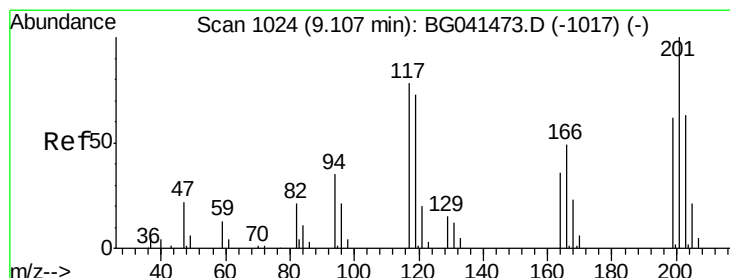
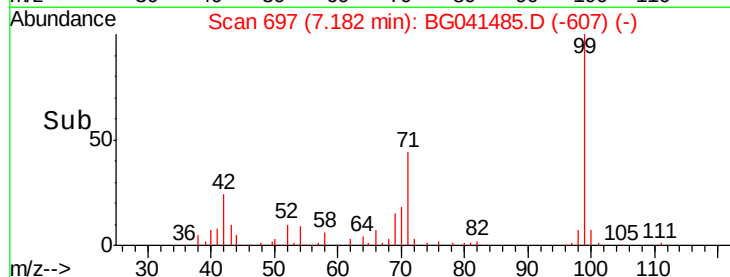
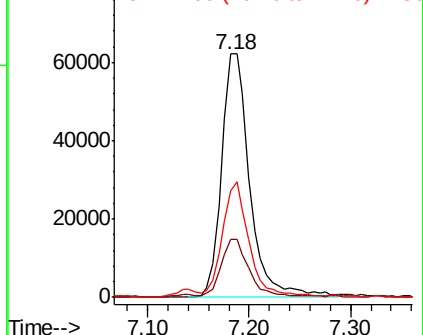
99 100

42 23.7 19.0 28.6

71 44.1 37.4 56.2



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



#18

Hexachloroethane

Concen: 2.037 ng

RT: 9.13 min Scan# 1029

Delta R.T. 0.03 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

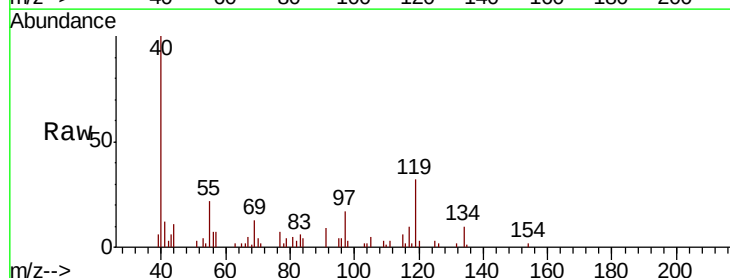
Tgt Ion: 117 Resp: 1813

Ion Ratio Lower Upper

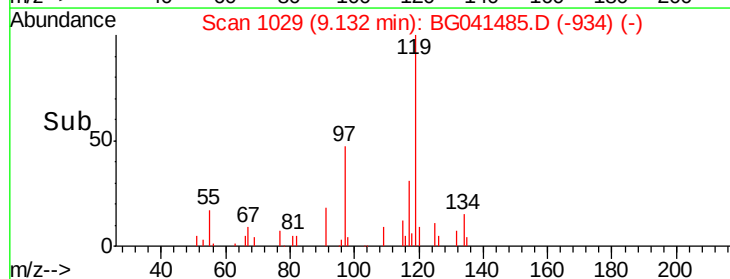
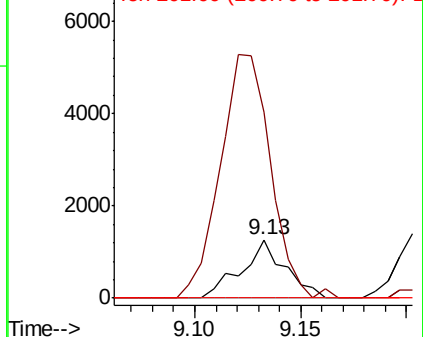
117 100

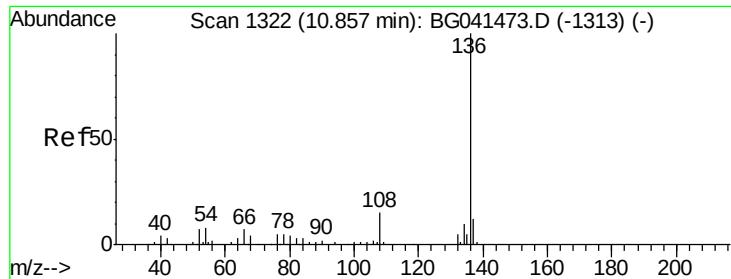
119 317.6 74.3 111.5#

201 0.0 102.3 153.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

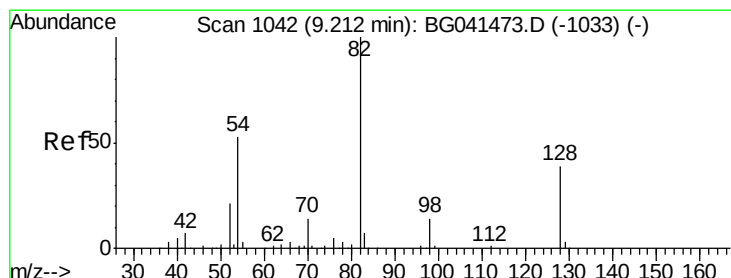
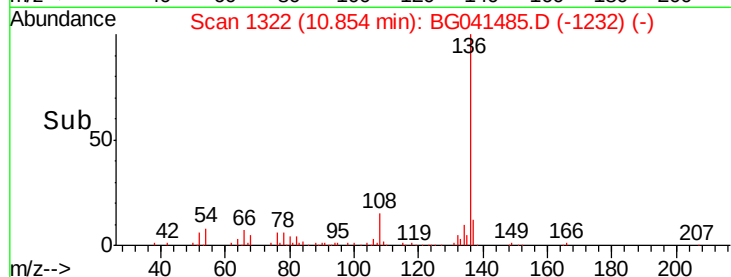
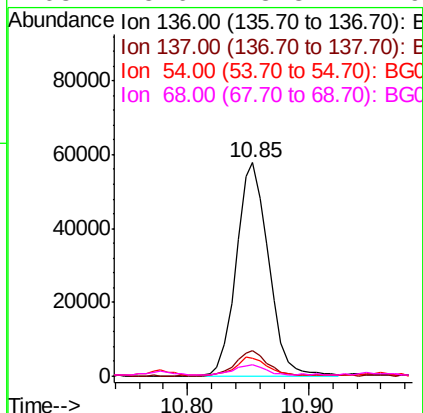
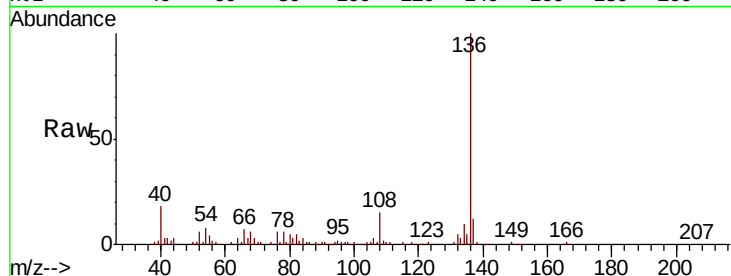




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041485.D
Acq: 27 Jun 2019 11:12

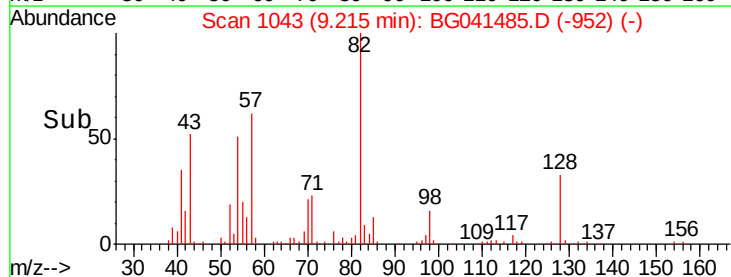
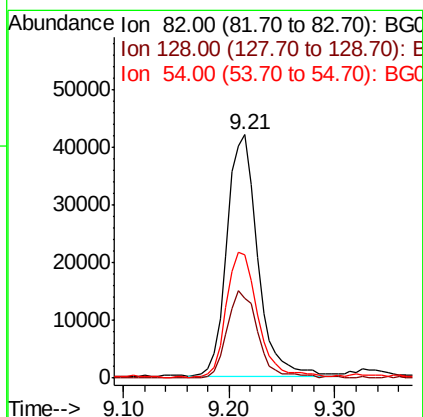
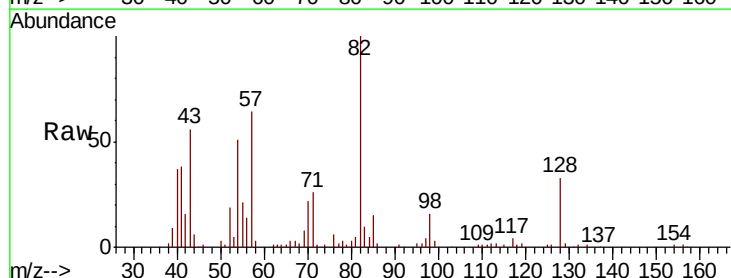
Instrument :
BNA_G
ClientSampleId :

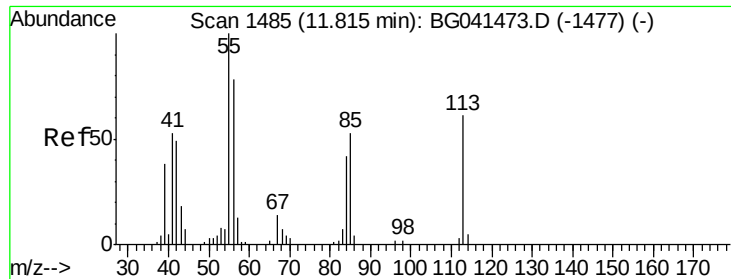
Tot Ion:136	Resp:	107375
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.3 13.9
54	8.1	7.1 10.7
68	5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 32.961 ng
RT: 9.21 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG041485.D
Acq: 27 Jun 2019 11:12

Tgt Ion: 82	Resp:	84858
Ion	Ratio	Lower Upper
82	100	
128	32.7	30.9 46.3
54	50.9	42.2 63.2





#35

Caprolactam

Concen: 5.247 ng

RT: 11.82 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

Instrument :

BNA_G

ClientSampled :

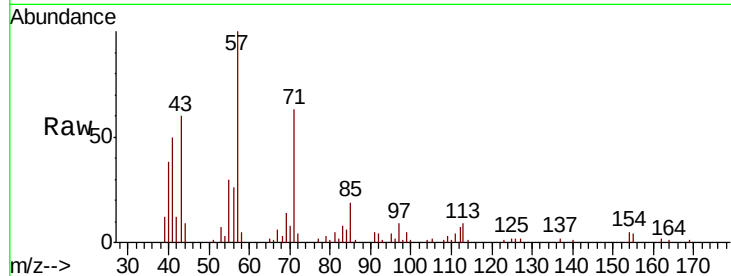
Tot Ion:113 Resp: 3324

Ion Ratio Lower Upper

113 100

55 320.3 145.1 185.1#

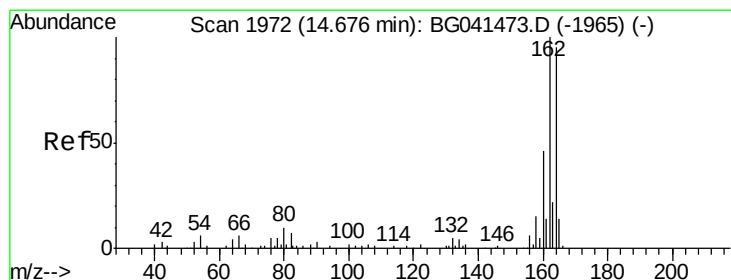
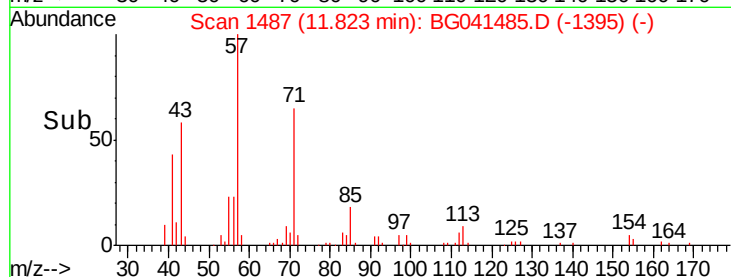
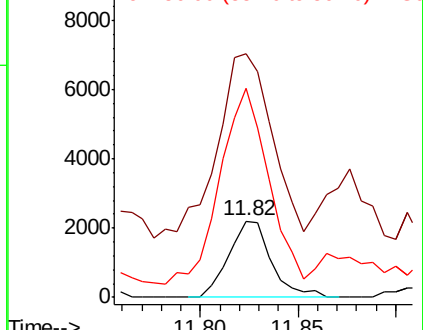
56 275.7 109.4 149.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041473.D (-1477) (-)

Ion 56.00 (55.70 to 56.70): BG041473.D (-1477) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

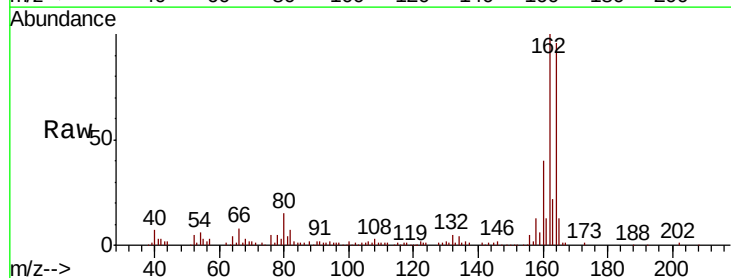
Tgt Ion:164 Resp: 77946

Ion Ratio Lower Upper

164 100

162 104.5 84.4 126.6

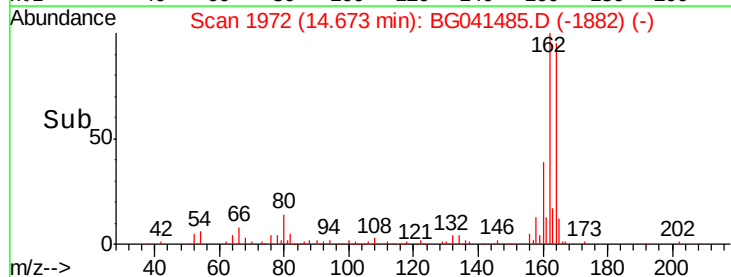
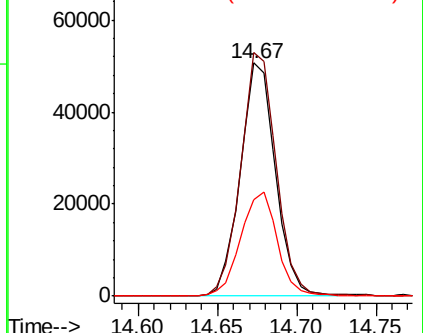
160 41.4 38.8 58.2

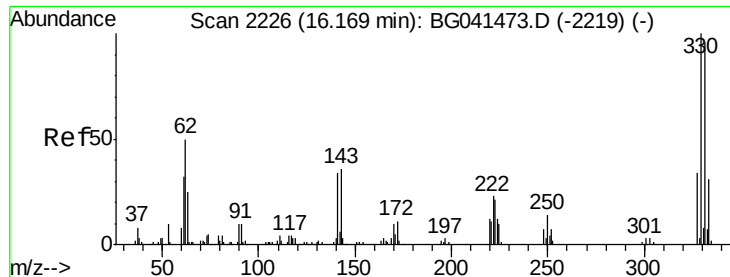


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

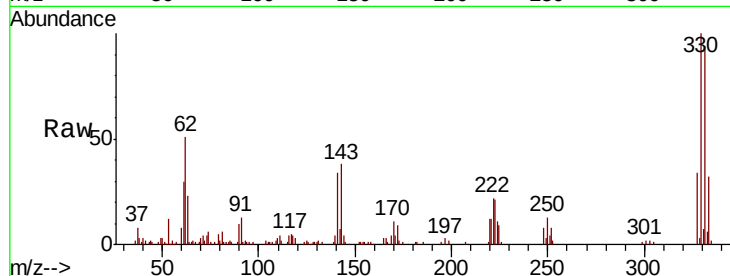




#42
 2,4,6-Tribromophenol
 Concen: 47.176 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041485.D
 Acq: 27 Jun 2019 11:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.5	113.3
141	35.9	27.8	41.6

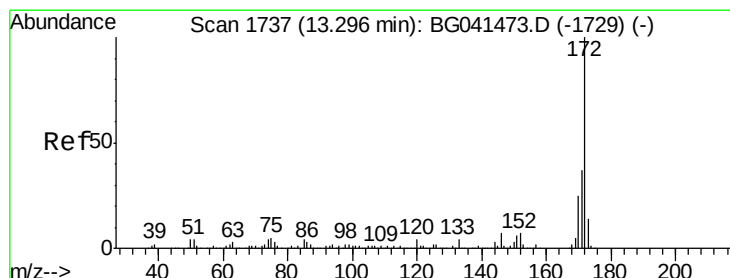
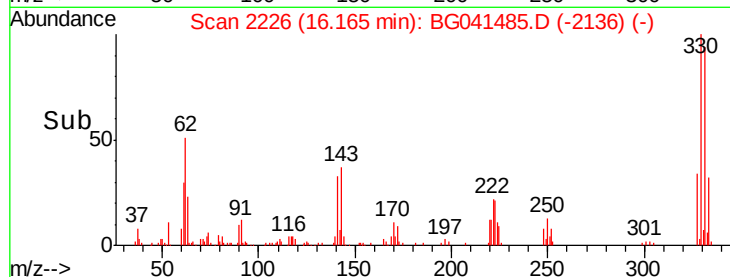
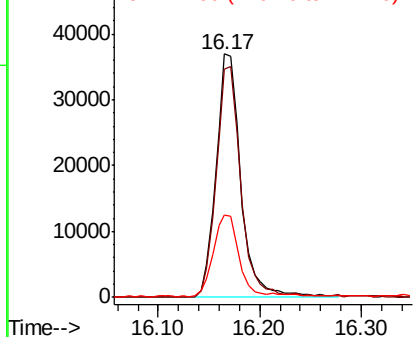


Abundance

Ion 329.80 (329.50 to 330.50): E

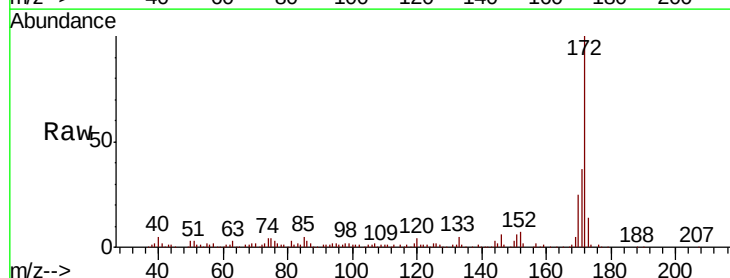
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 26.546 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041485.D
 Acq: 27 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.2	20.0	30.0

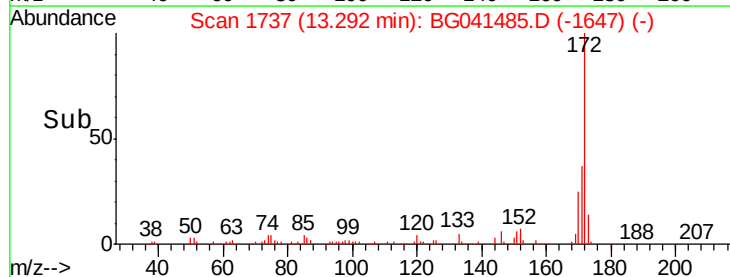
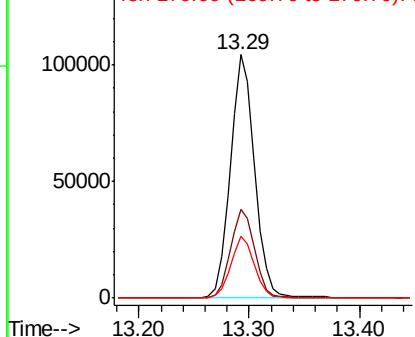


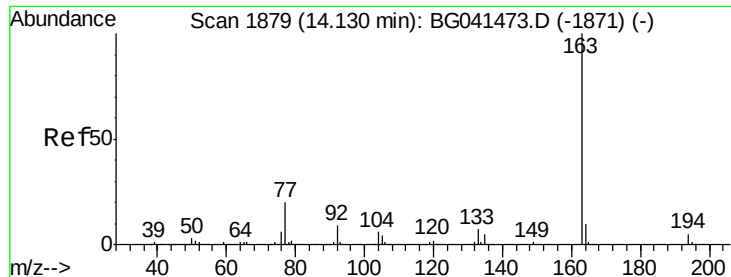
Abundance

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: 3.757 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

Instrument :

BNA_G

ClientSampleId :

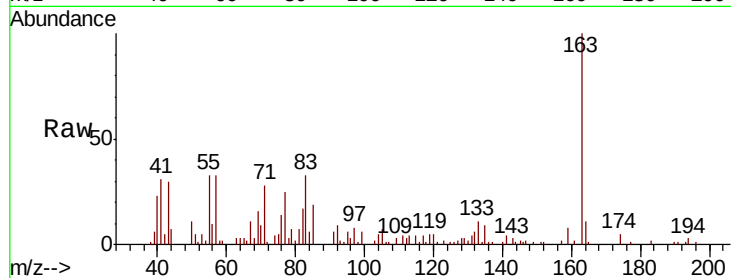
Tot Ion:163 Resp: 26650

Ion Ratio Lower Upper

163 100

194 2.9 3.7 5.5#

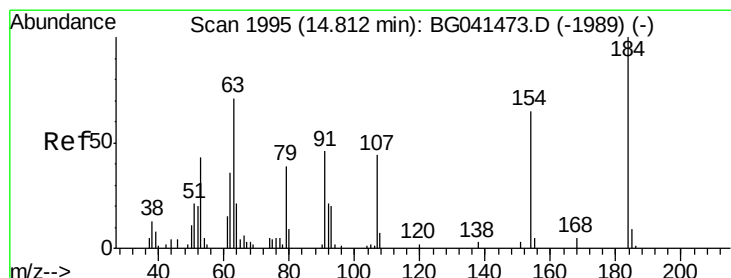
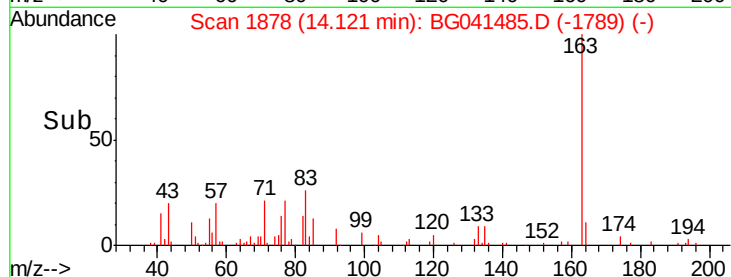
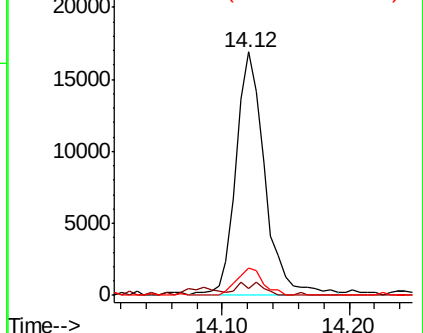
164 11.2 7.8 11.6



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



#54

2,4-Dinitrophenol

Concen: 2.655 ng

RT: 15.20 min Scan# 2061

Delta R.T. 0.38 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

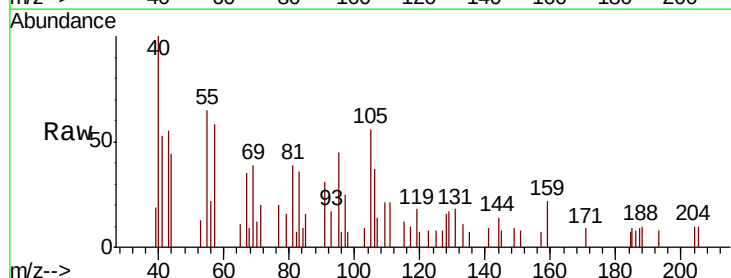
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 56.5 84.7#

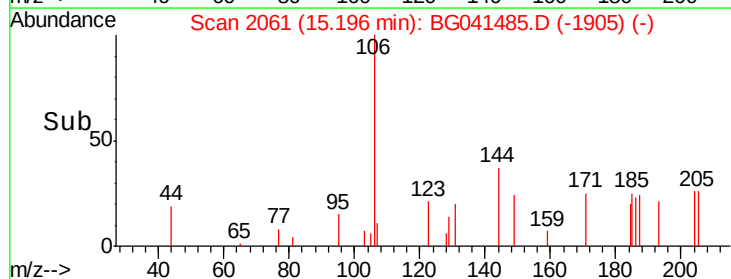
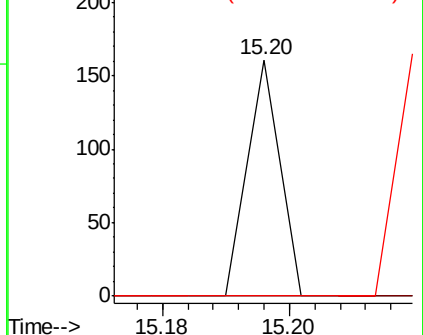
154 0.0 54.2 81.4#

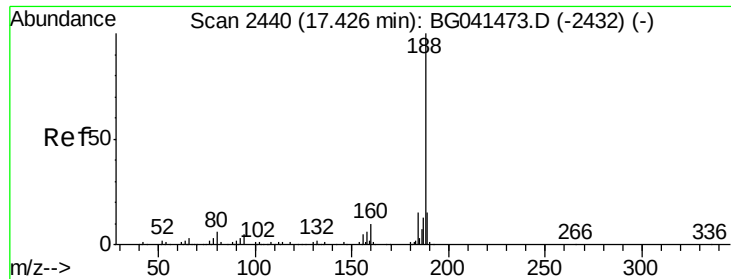


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

Instrument :

BNA_G

ClientSampleId :

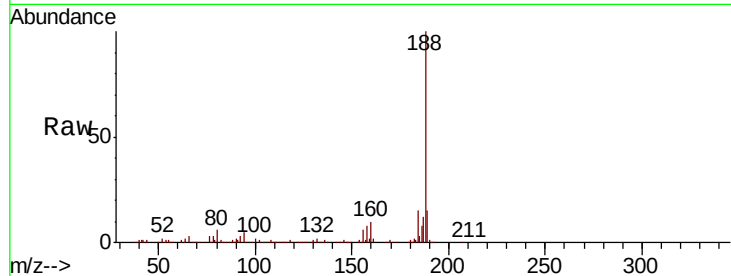
Tot Ion:188 Resp: 199321

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.8

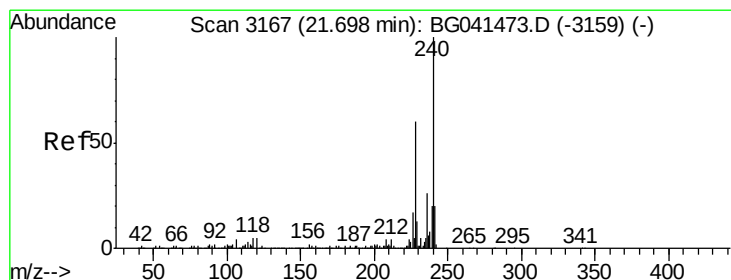
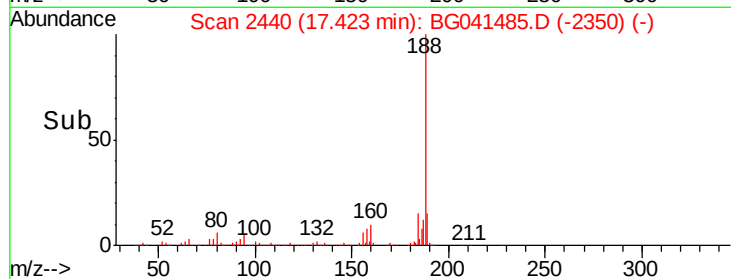
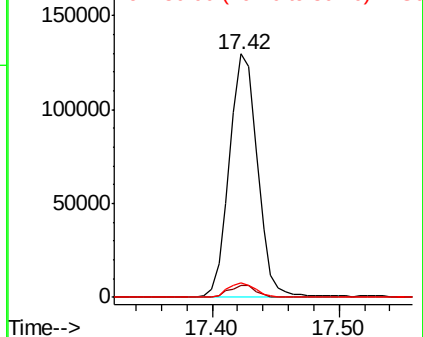
80 6.0 4.8 7.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

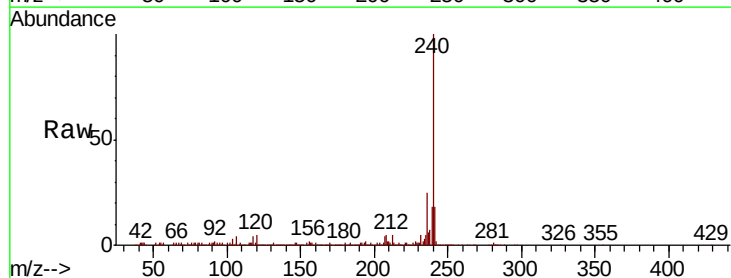
Tgt Ion:240 Resp: 210337

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

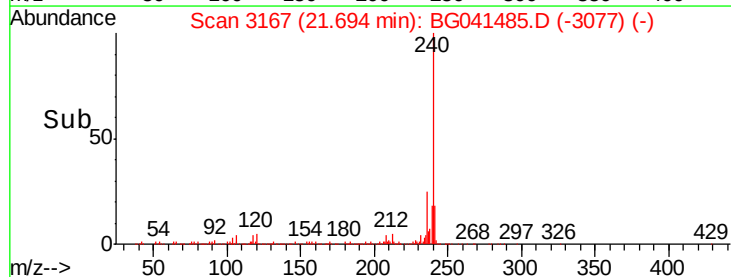
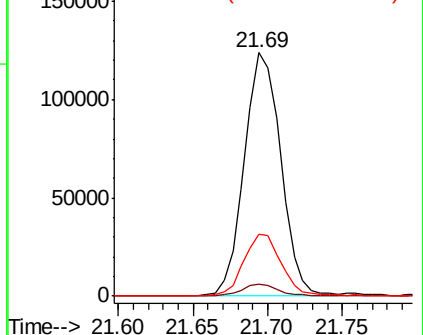
236 25.5 20.8 31.2

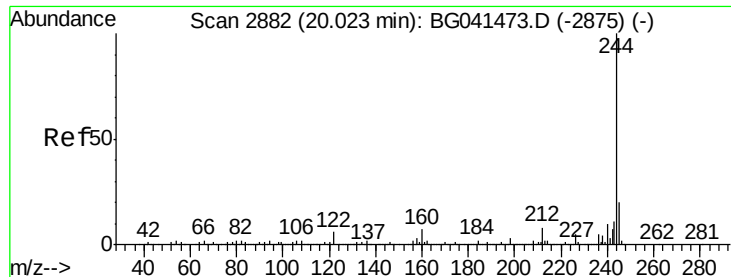


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 27.972 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

Instrument :

BNA_G

ClientSampled :

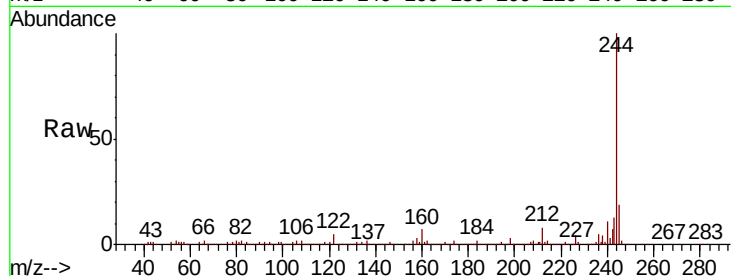
Tot Ion:244 Resp: 276858

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

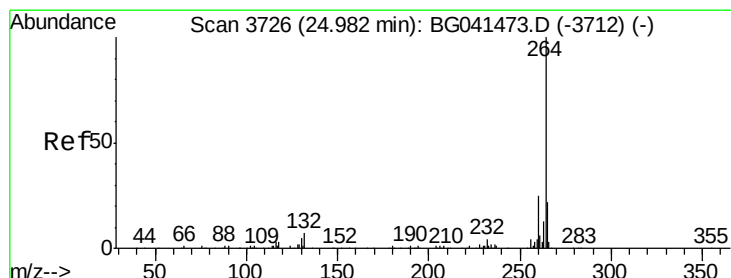
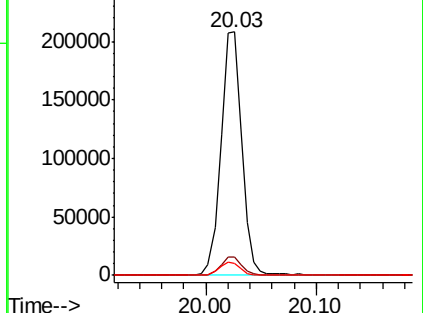
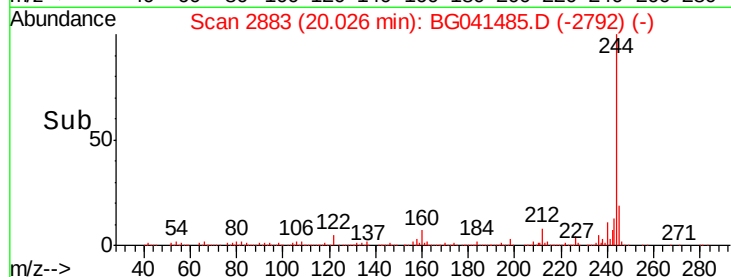
122 5.0 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041485.D

Acq: 27 Jun 2019 11:12

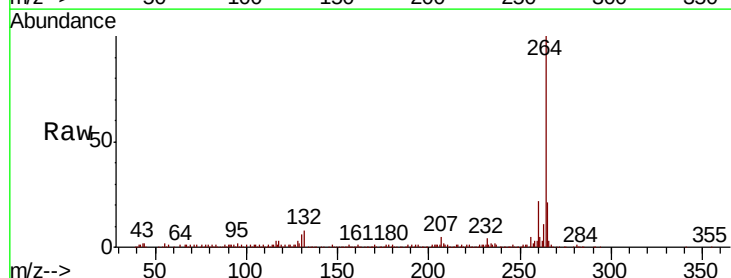
Tgt Ion:264 Resp: 231090

Ion Ratio Lower Upper

264 100

260 22.5 19.7 29.5

265 20.7 17.4 26.2



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

