

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042484.D
 Acq On : 25 Aug 2019 18:59
 Operator : HP/JU
 Sample : K4493-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-J-(0-1.9)

Quant Time: Aug 26 08:30:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

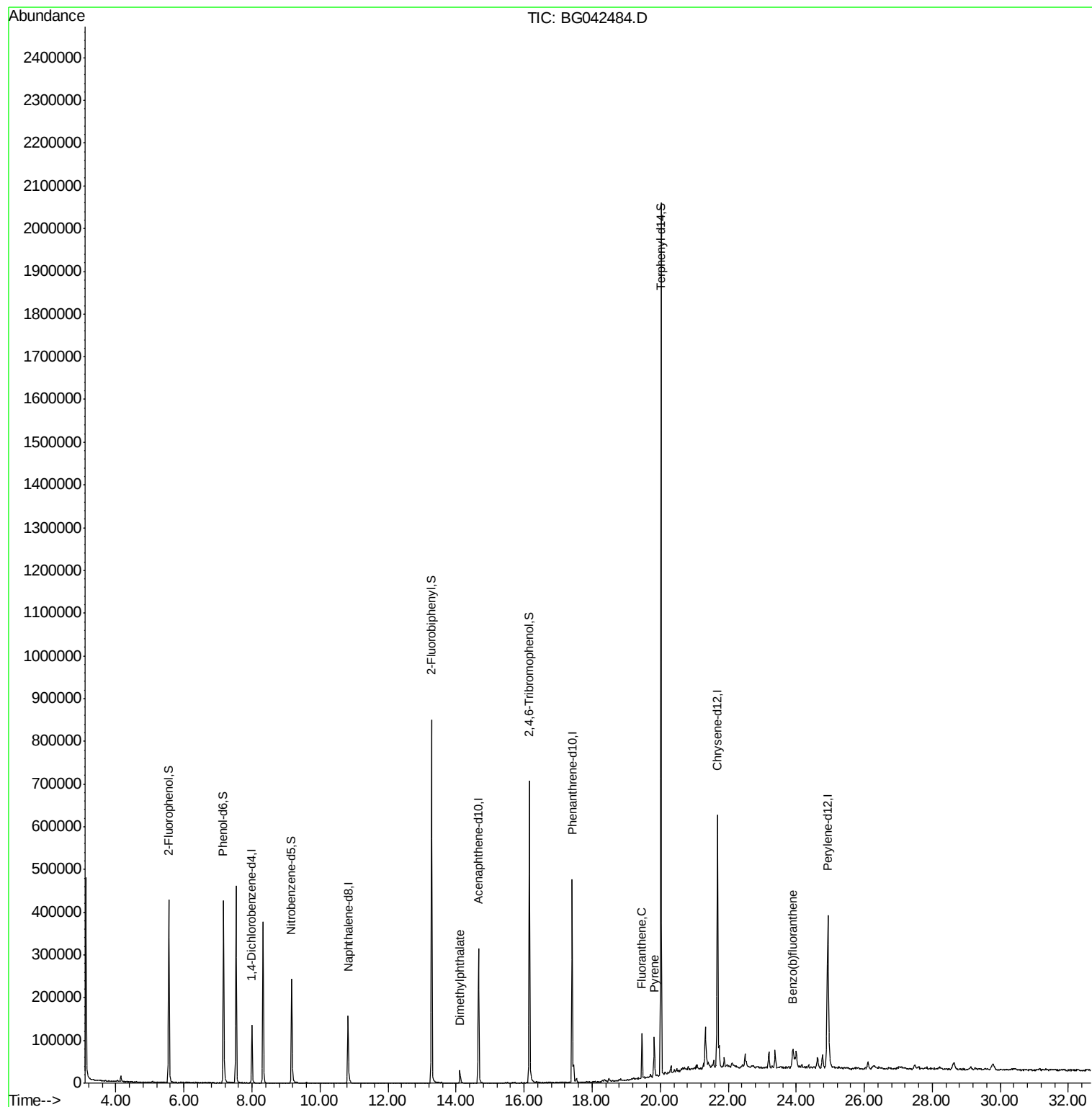
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	44814	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	177089	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	132791	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	330921	20.00	ng	0.00
76) Chrysene-d12	21.68	240	353108	20.00	ng	-0.01
87) Perylene-d12	24.93	264	409369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	226917	102.55	ng	0.00
7) Phenol-d6	7.16	99	309676	103.61	ng	-0.01
23) Nitrobenzene-d5	9.16	82	172821	67.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	192815	102.16	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	539425	68.70	ng	0.00
79) Terphenyl-d14	20.02	244	1075159	65.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	35464	3.701	ng	99
75) Fluoranthene	19.46	202	75867	3.782	ng	97
78) Pyrene	19.83	202	65411	3.021	ng	96
88) Benzo(b)fluoranthene	23.90	252	54936	2.441	ng	93

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

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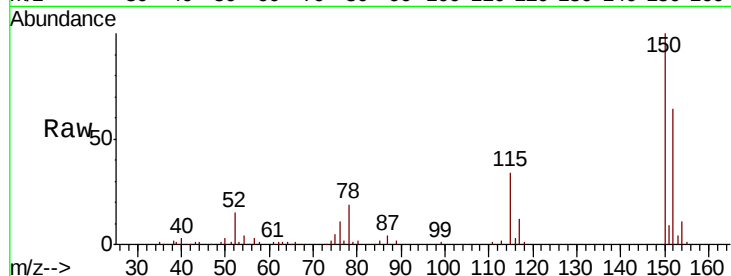


#1

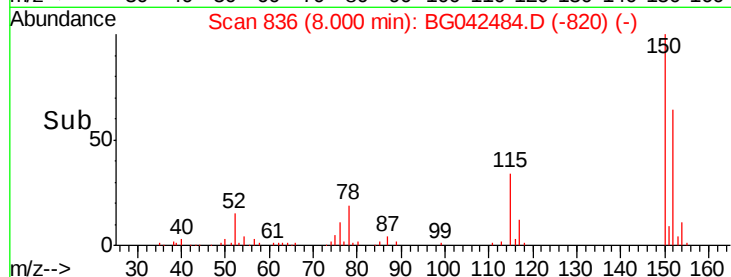
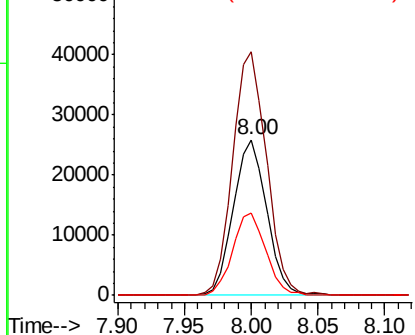
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :
T9-12-13-J-(0-1.9)

Tot Ion:152 Resp: 44814
Ion Ratio Lower Upper
152 100
150 156.5 125.4 188.0
115 53.0 38.5 57.7



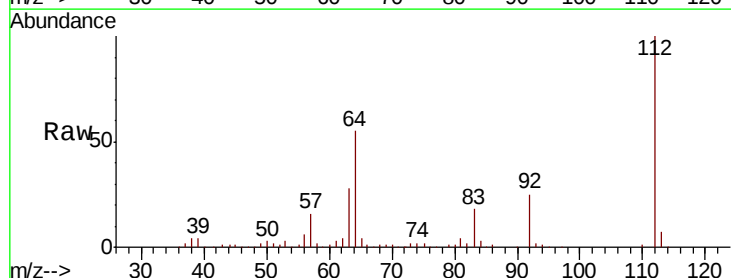
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



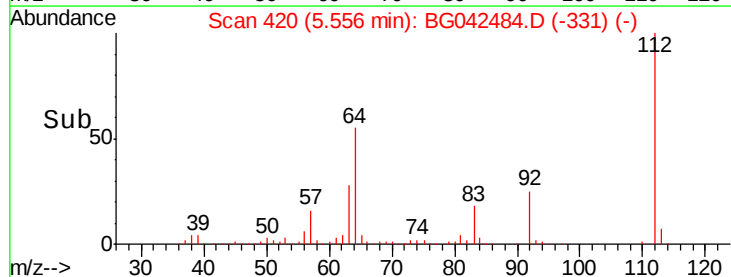
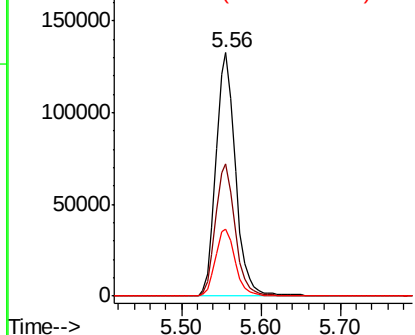
#5

2-Fluorophenol
Concen: 102.551 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:112 Resp: 226917
Ion Ratio Lower Upper
112 100
64 54.5 42.8 64.2
63 27.7 22.7 34.1



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: 103.609 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Instrument :

BNA_G

ClientSampleId :

T9-12-13-J-(0-1.9)

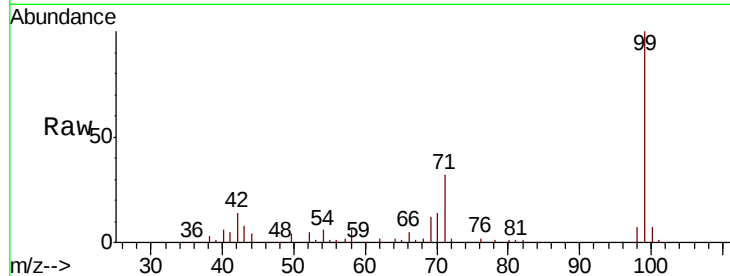
Tot Ion: 99 Resp: 309676

Ion Ratio Lower Upper

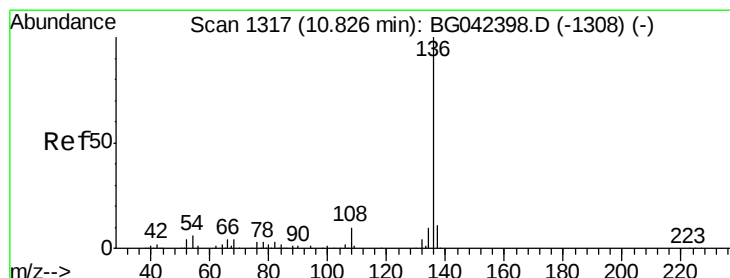
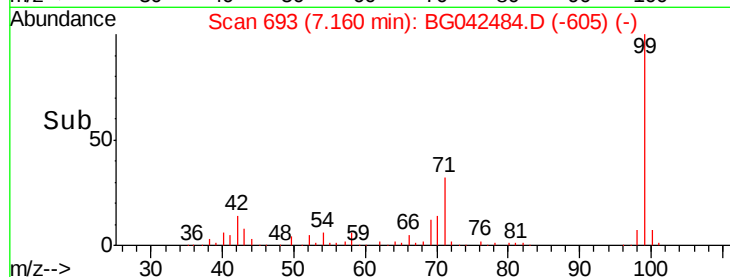
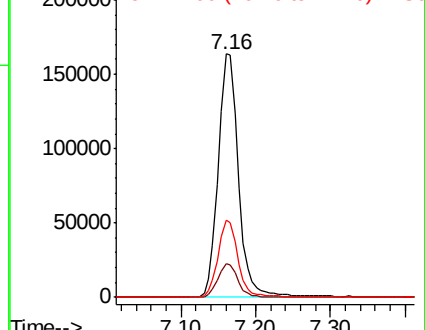
99 100

42 13.6 12.0 18.0

71 31.9 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Tgt Ion: 136 Resp: 177089

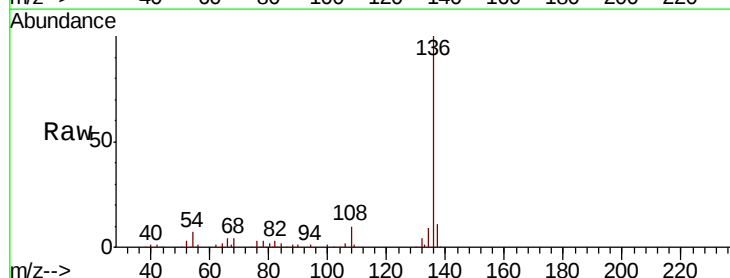
Ion Ratio Lower Upper

136 100

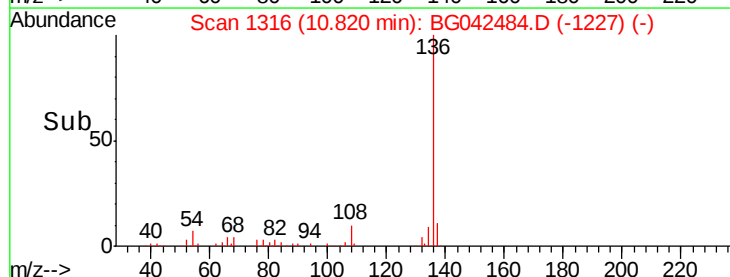
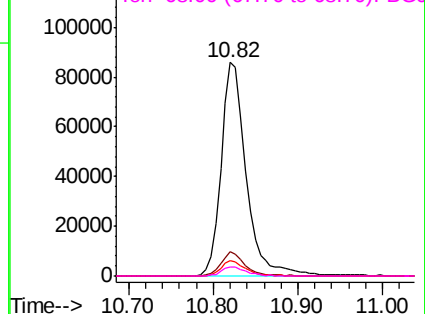
137 11.2 8.7 13.1

54 6.9 4.9 7.3

68 4.4 3.6 5.4



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

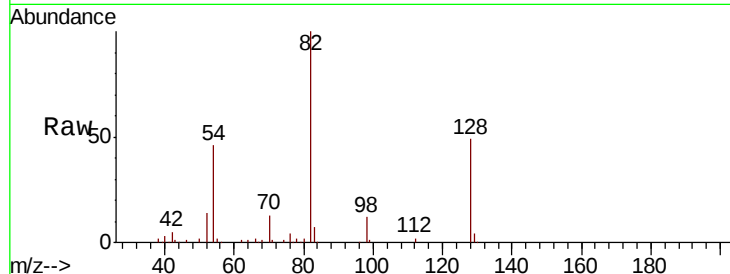




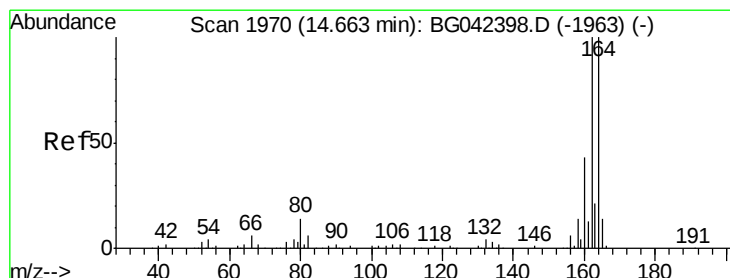
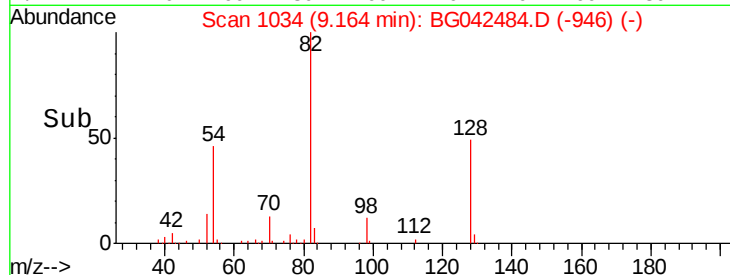
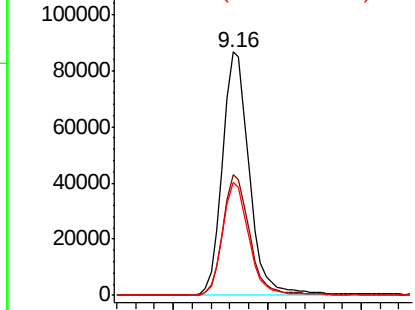
#23
 Nitrobenzene-d5
 Concen: 67.439 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042484.D
 Acq: 25 Aug 2019 18:59

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-J-(0-1.9)

Tot Ion	82	Resp	172821
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	46.2	36.3	54.5

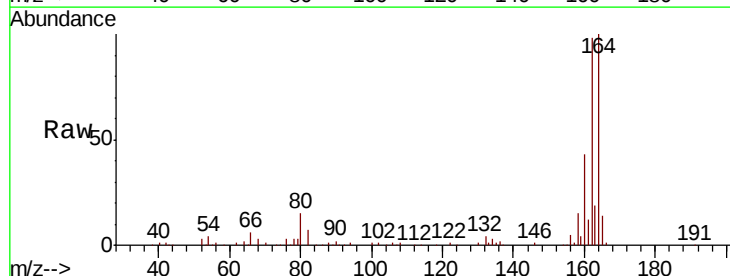


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

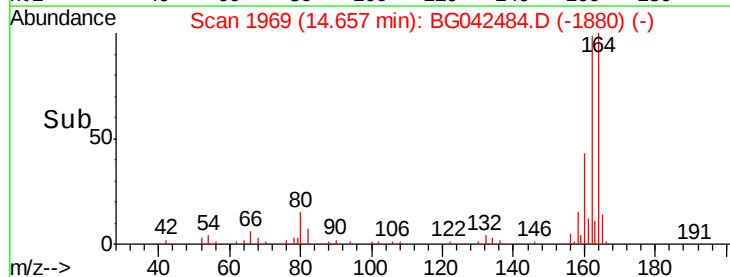
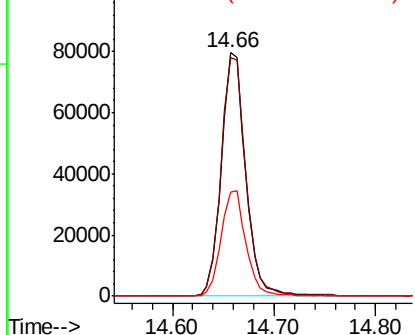


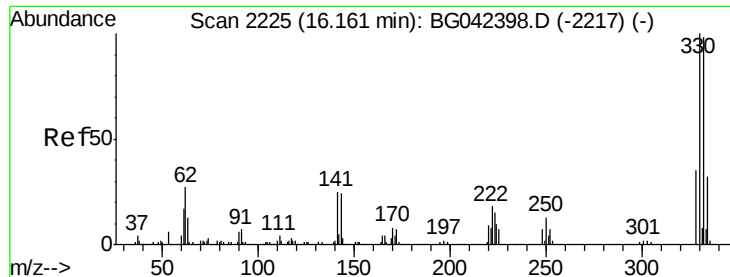
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042484.D
 Acq: 25 Aug 2019 18:59

Tgt Ion	164	Resp	132791
Ion Ratio	Lower	Upper	
164	100		
162	98.0	79.9	119.9
160	42.7	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 102.159 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Instrument :

BNA_G

ClientSampleId :

T9-12-13-J-(0-1.9)

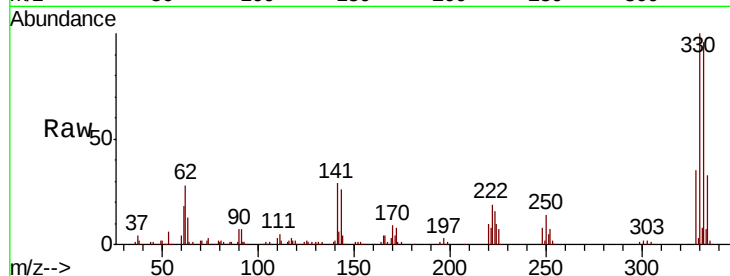
Tot Ion:330 Resp: 192815

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

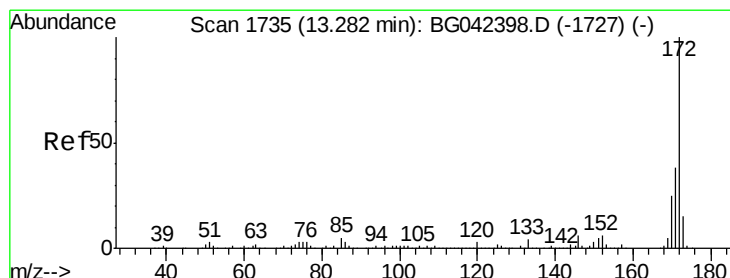
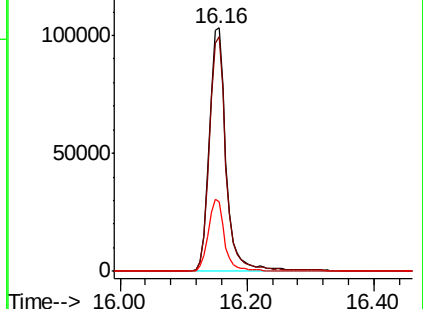
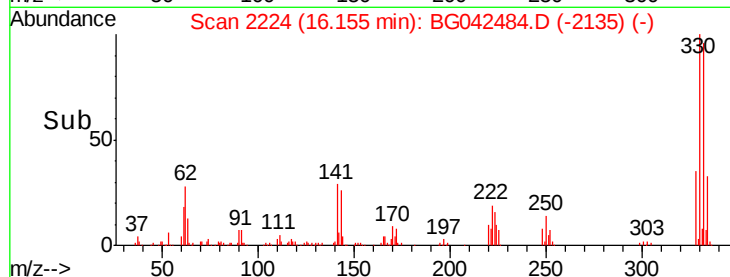
141 28.3 21.4 32.0



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: 68.704 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

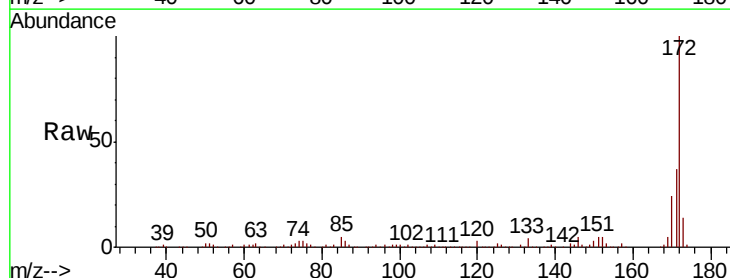
Tgt Ion:172 Resp: 539425

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

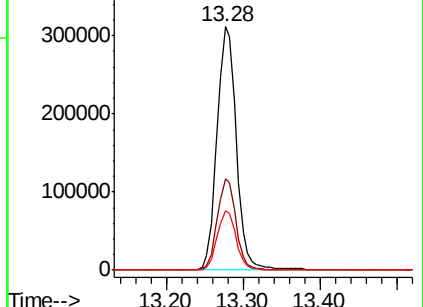
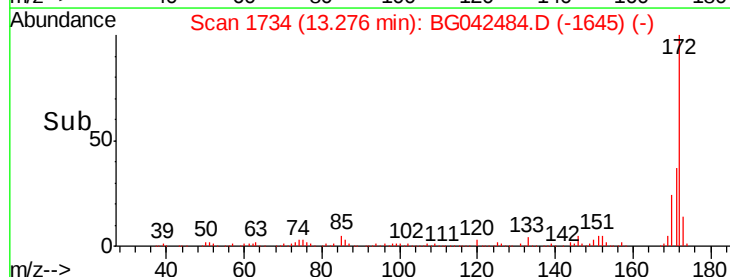
170 24.2 20.2 30.2

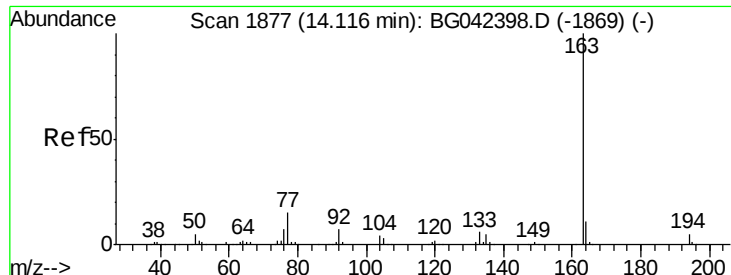


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.701 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Instrument :

BNA_G

ClientSampleId :

T9-12-13-J-(0-1.9)

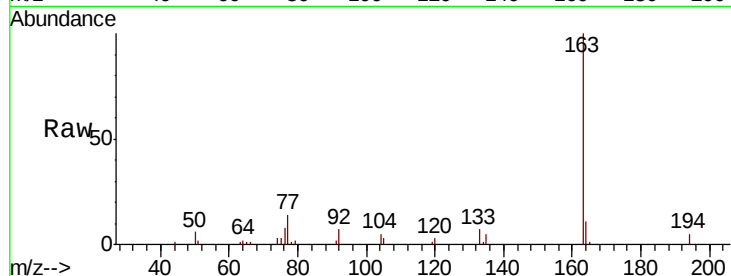
Tot Ion:163 Resp: 35464

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

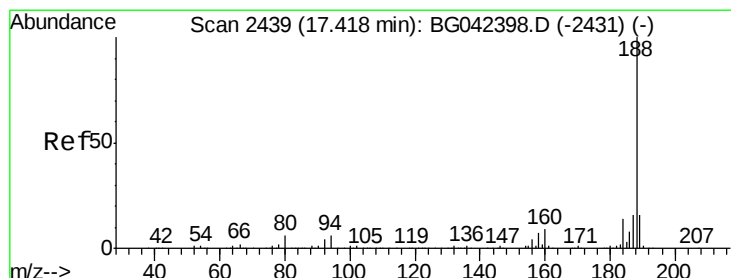
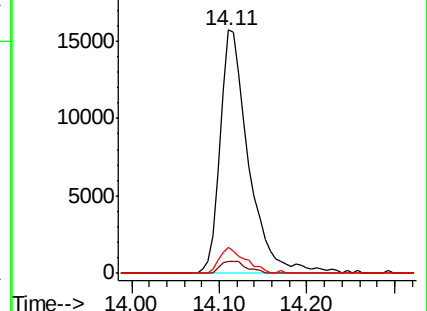
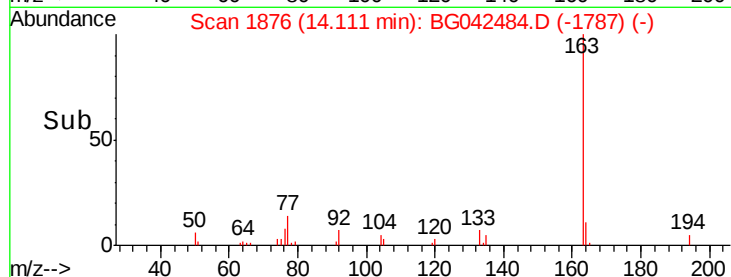
164 10.7 8.8 13.2



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

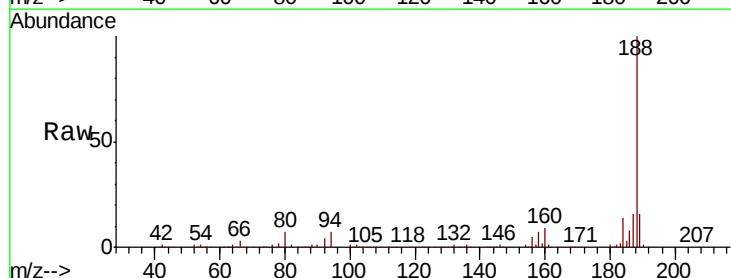
Tgt Ion:188 Resp: 330921

Ion Ratio Lower Upper

188 100

94 6.6 4.5 6.7

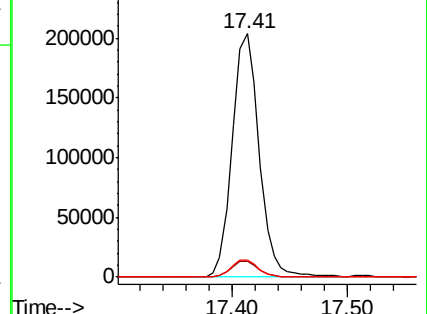
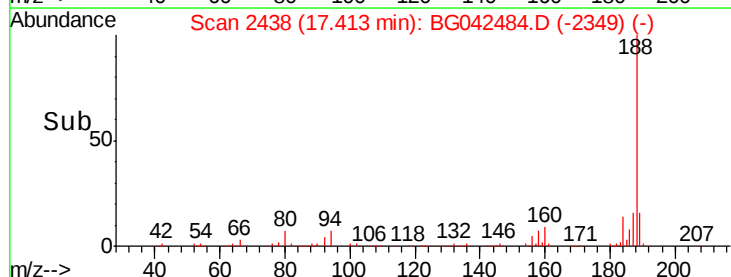
80 7.2 4.9 7.3

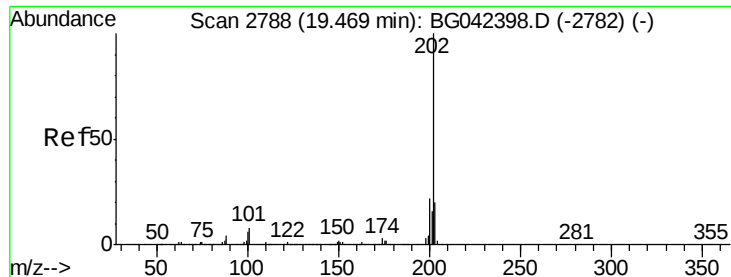


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 3.782 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

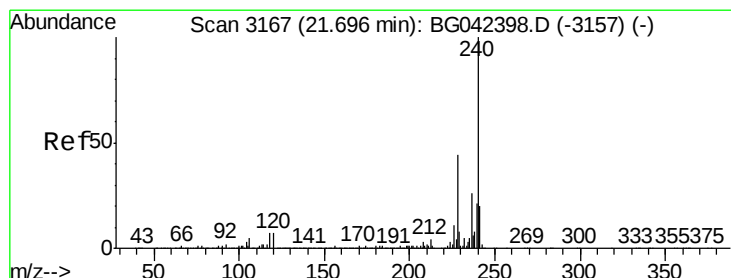
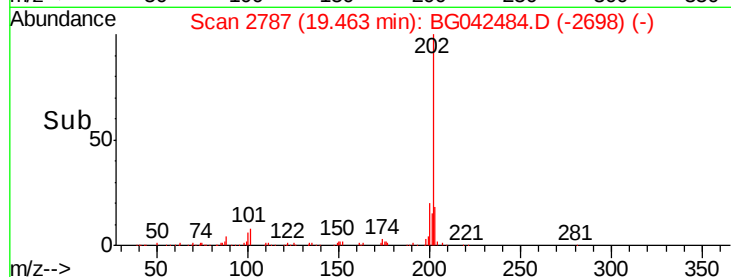
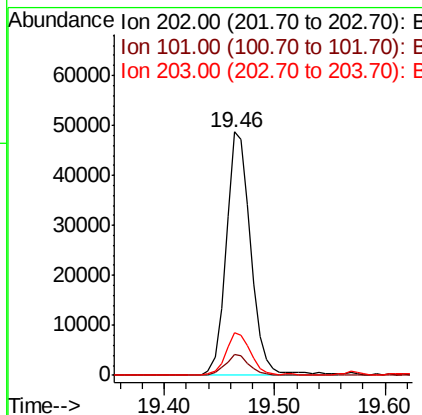
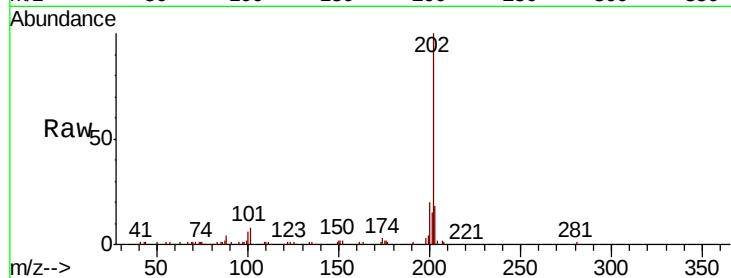
Instrument :

BNA_G

ClientSampleId :

T9-12-13-J-(0-1.9)

Tot Ion:	202	Resp:	75867
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	17.7	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

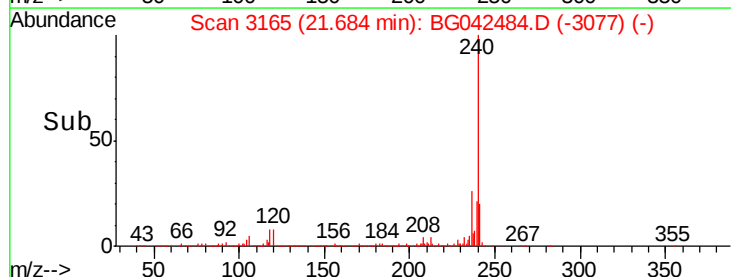
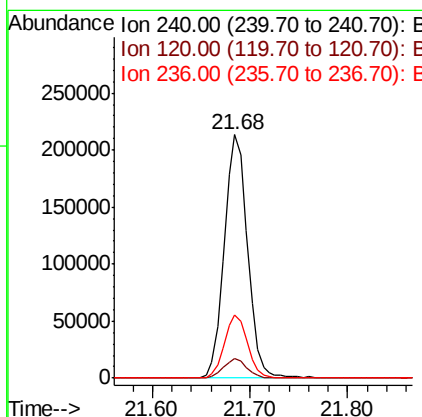
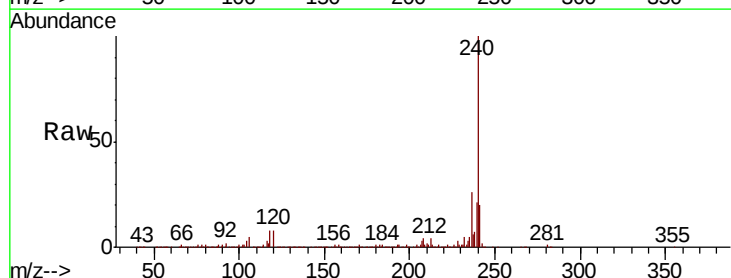
RT: 21.68 min Scan# 3165

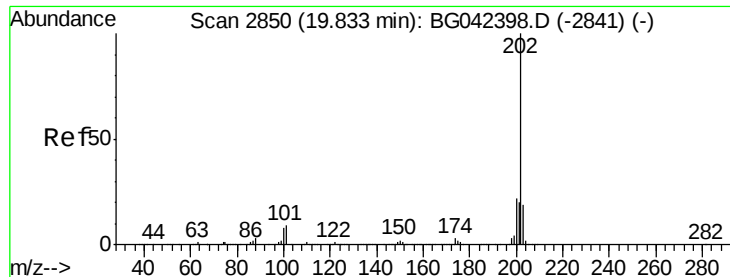
Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Tgt Ion:	240	Resp:	353108
Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.7	8.5
236	25.9	21.0	31.4

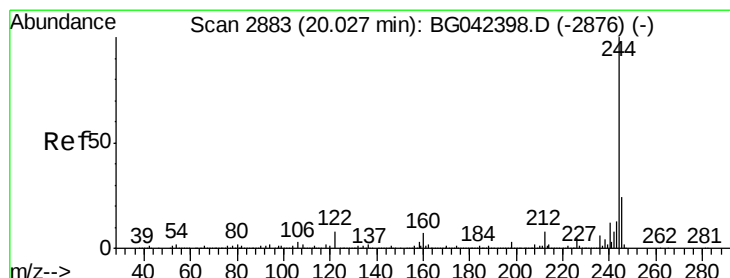
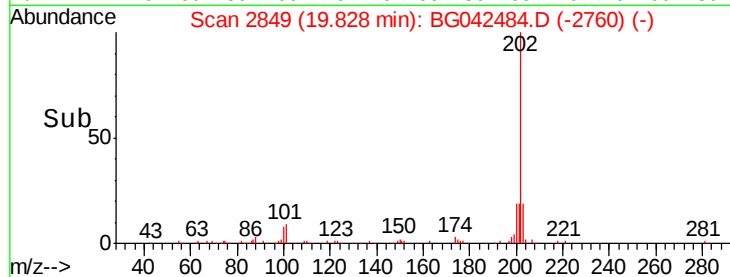
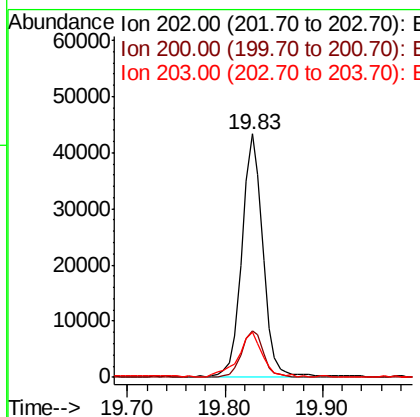
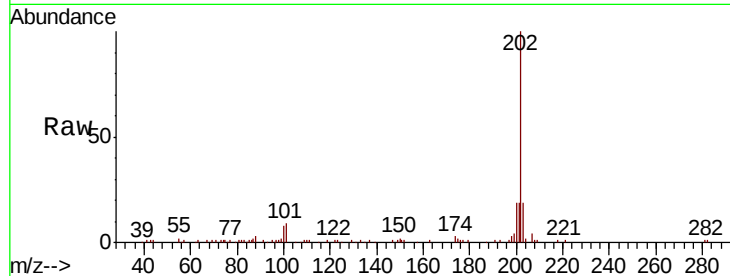




#78
Pvrene
Concen: 3.021 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

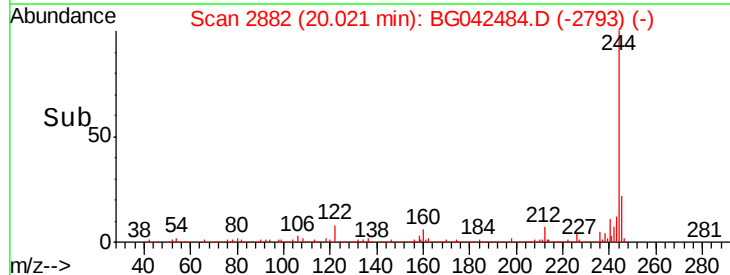
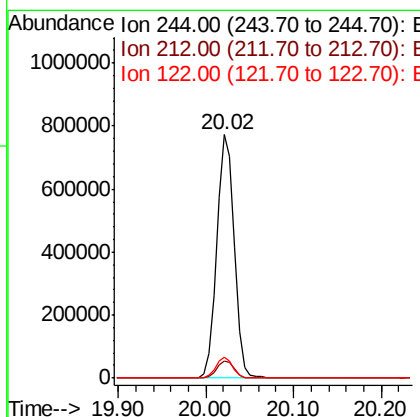
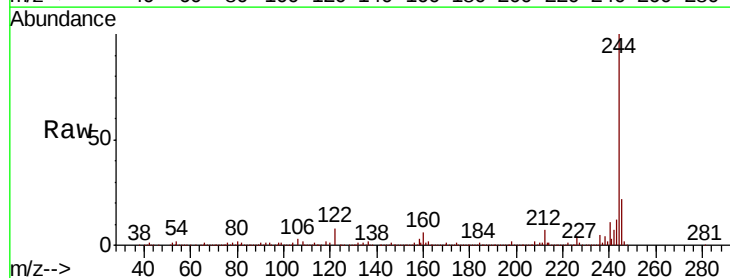
Instrument :
BNA_G
ClientSampleId :
T9-12-13-J-(0-1.9)

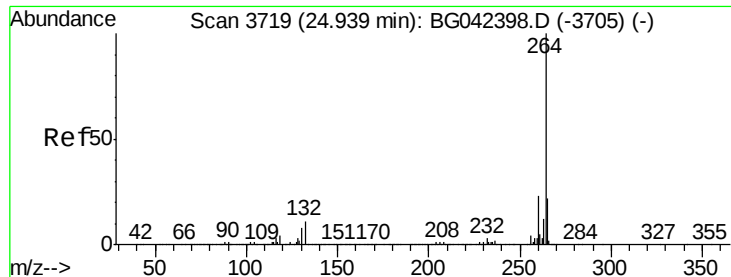
Tot Ion:202 Resp: 65411
Ion Ratio Lower Upper
202 100
200 19.2 17.8 26.6
203 18.8 15.5 23.3



#79
Terphenyl-d14
Concen: 65.827 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:244 Resp: 1075159
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 8.4 6.7 10.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

Instrument :

BNA_G

ClientSampleId :

T9-12-13-J-(0-1.9)

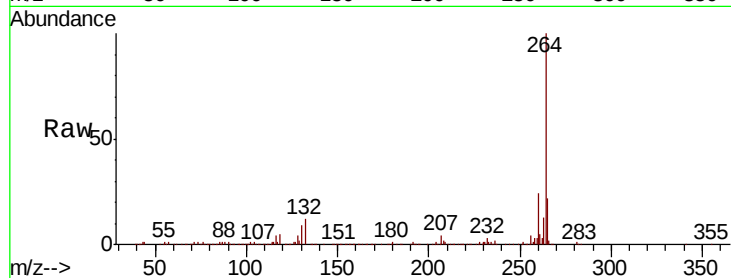
Tot Ion:264 Resp: 409369

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

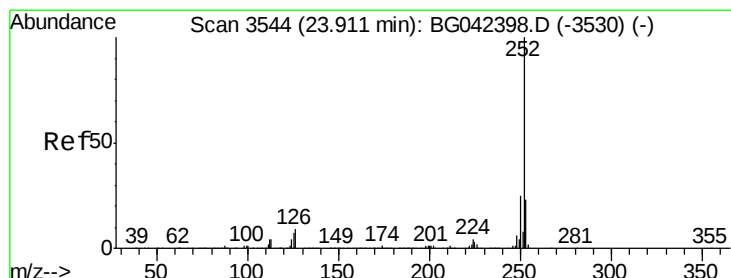
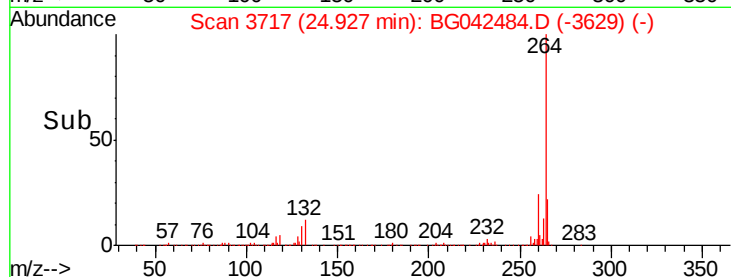
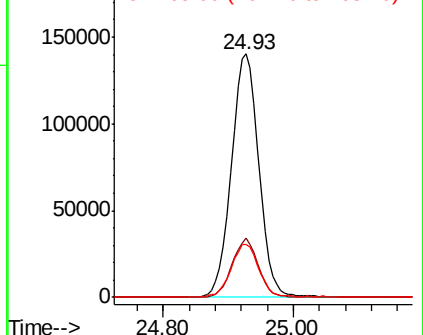
265 22.0 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 2.441 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042484.D

Acq: 25 Aug 2019 18:59

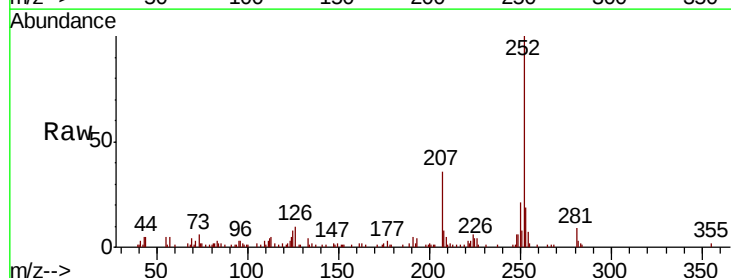
Tgt Ion:252 Resp: 54936

Ion Ratio Lower Upper

252 100

253 19.5 18.6 27.8

125 8.1 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

