

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042587.D
 Acq On : 30 Aug 2019 5:10
 Operator : HP/JU
 Sample : K4095-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819

Quant Time: Aug 30 06:45:11 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

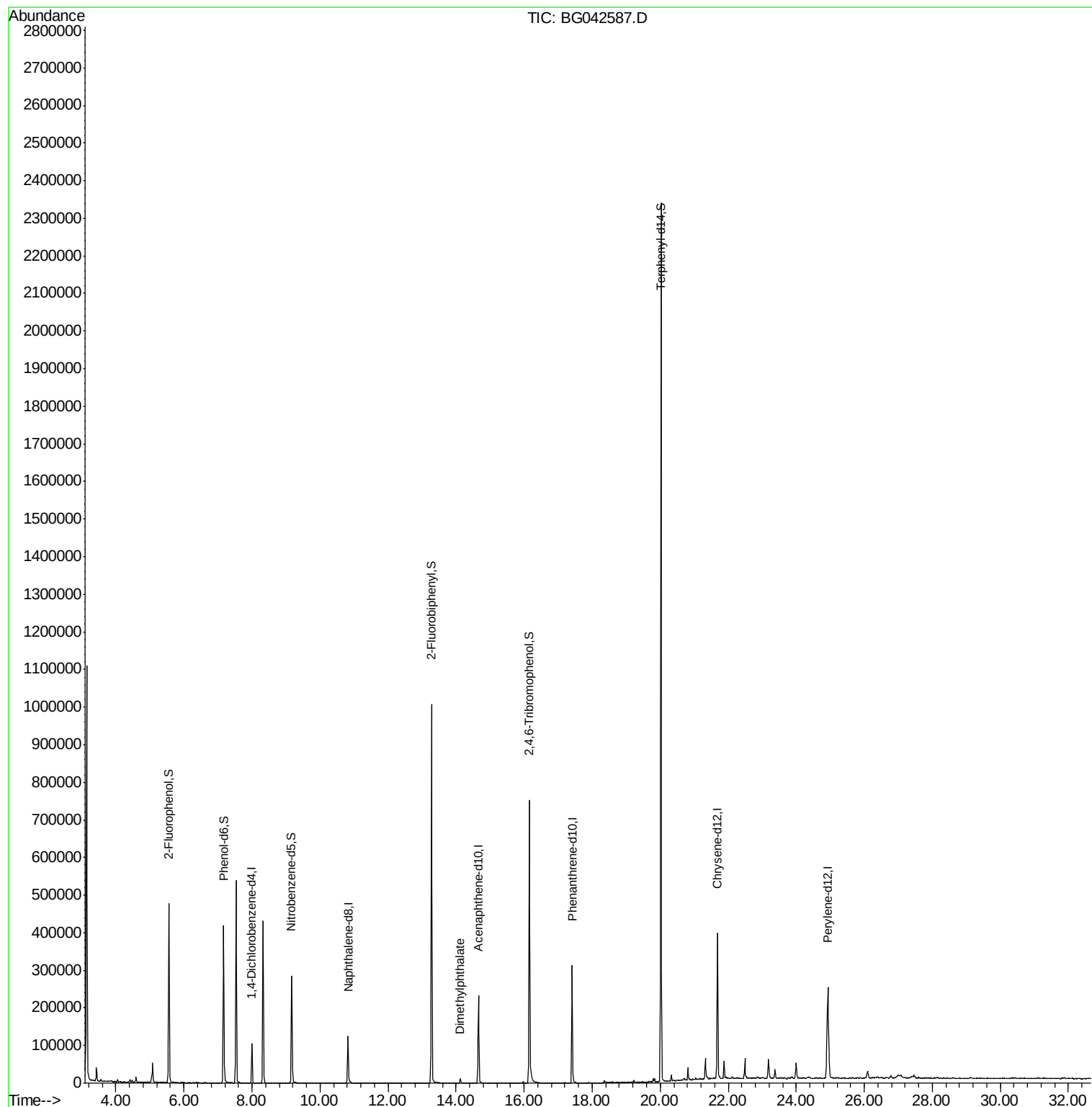
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36067	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132308	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99009	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	234134	20.00	ng	0.00
76) Chrysene-d12	21.68	240	256103	20.00	ng	-0.01
87) Perylene-d12	24.93	264	303437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	233069	130.88	ng	0.00
7) Phenol-d6	7.17	99	279372	116.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	191739	100.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	221117	157.13	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	605847	103.49	ng	0.00
79) Terphenyl-d14	20.02	244	1220058	102.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	15768	2.207	ng	Qvalue 97

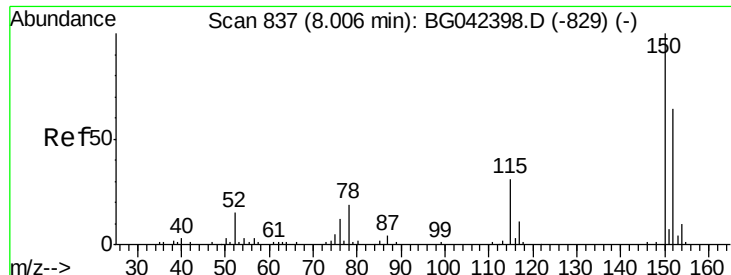
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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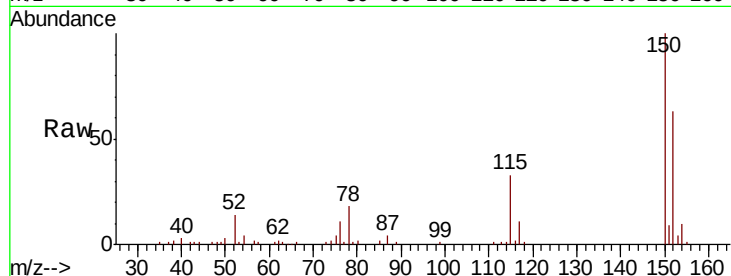


#1

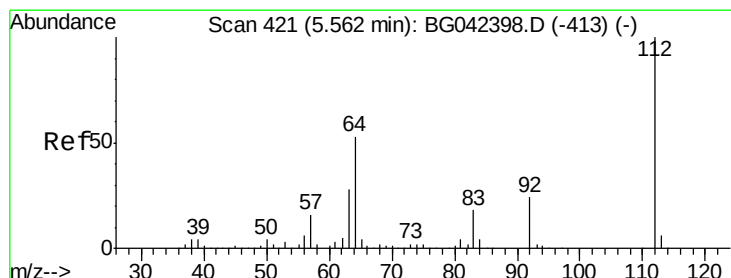
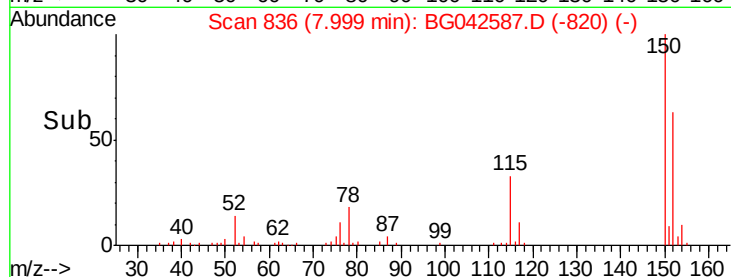
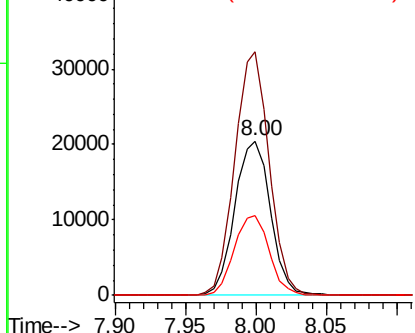
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

Instrument :
BNA_G
ClientSampleId :
SU-01-082819

Tot Ion:152 Resp: 36067
Ion Ratio Lower Upper
152 100
150 157.6 125.4 188.0
115 51.4 38.5 57.7



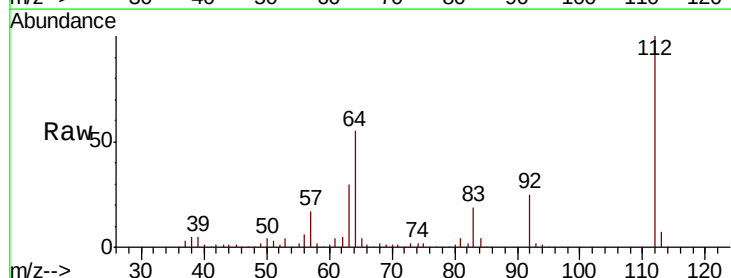
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



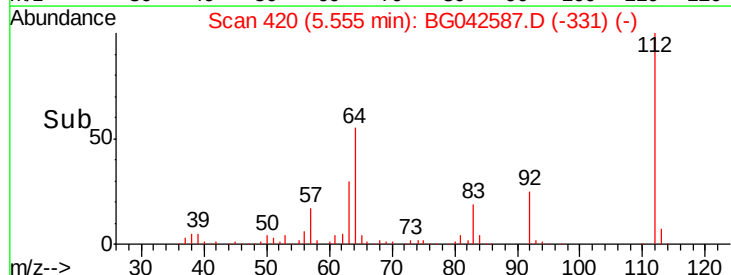
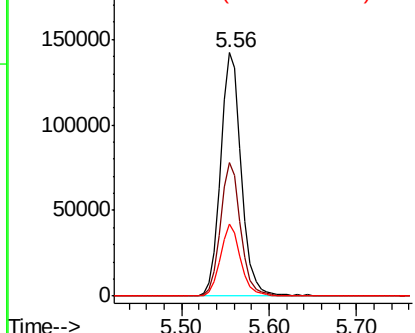
#5

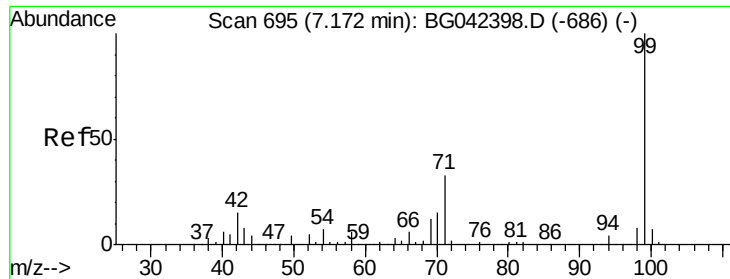
2-Fluorophenol
Concen: 130.877 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

Tgt Ion:112 Resp: 233069
Ion Ratio Lower Upper
112 100
64 54.9 42.8 64.2
63 29.7 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: 116.139 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042587.D

Acq: 30 Aug 2019 5:10

Instrument :

BNA_G

ClientSampleId :

SU-01-082819

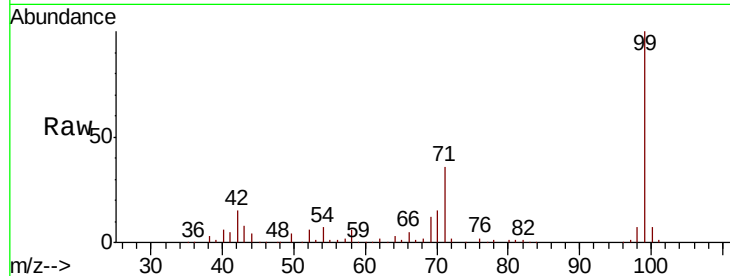
Tot Ion: 99 Resp: 279372

Ion Ratio Lower Upper

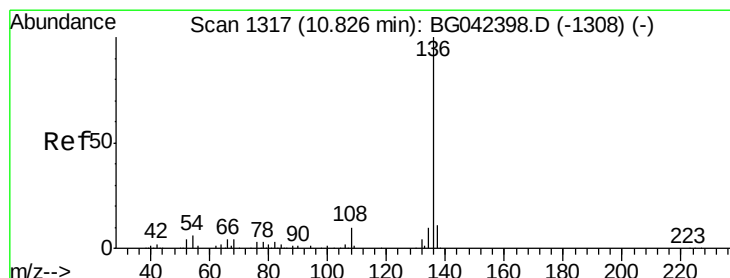
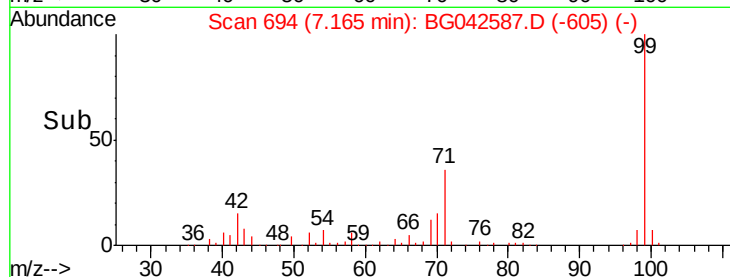
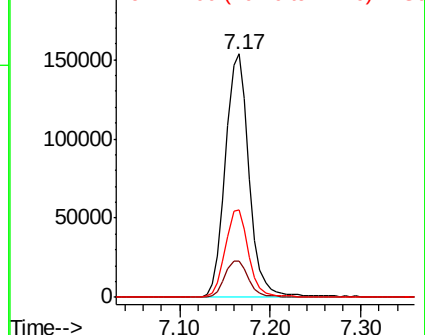
99 100

42 15.1 12.0 18.0

71 35.8 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: BG042587.D

Acq: 30 Aug 2019 5:10

Tgt Ion: 136 Resp: 132308

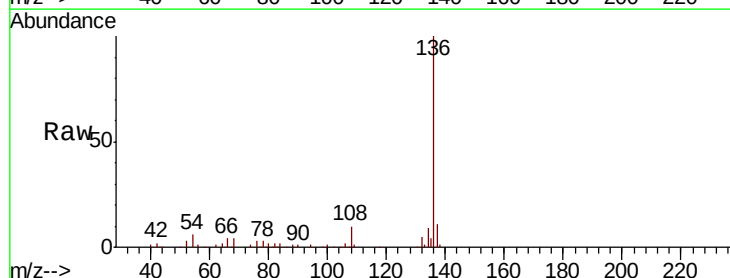
Ion Ratio Lower Upper

136 100

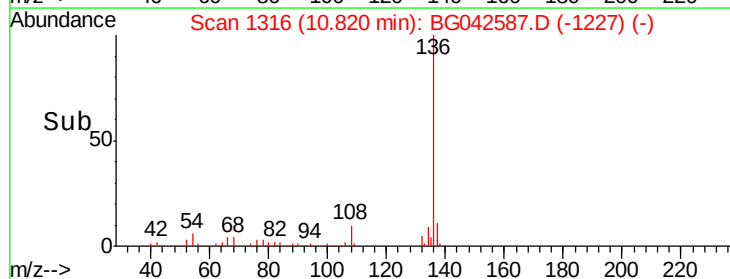
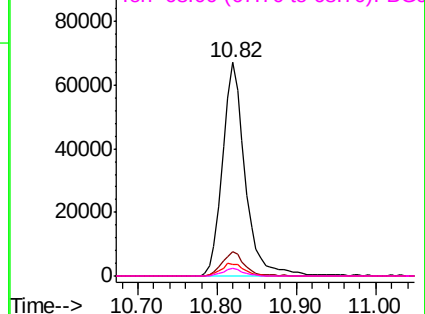
137 11.2 8.7 13.1

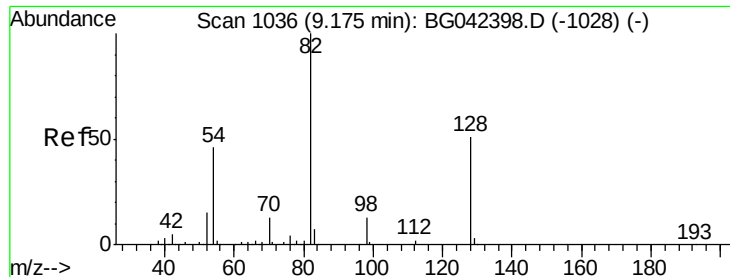
54 5.6 4.9 7.3

68 3.7 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

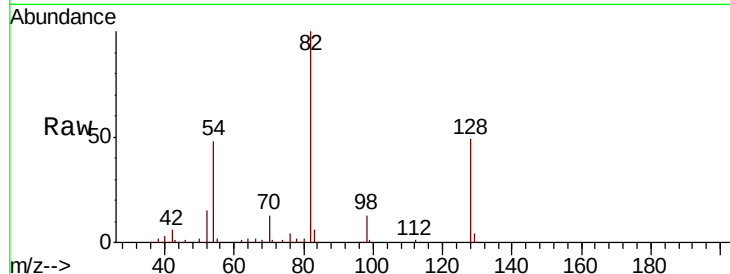




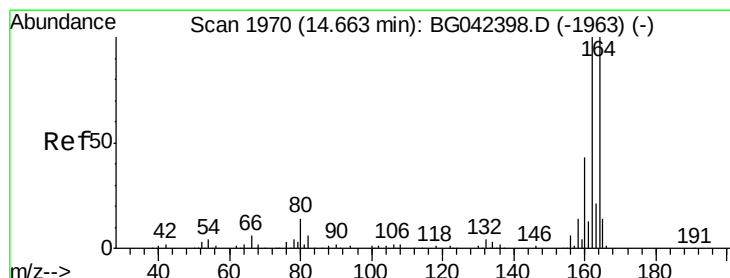
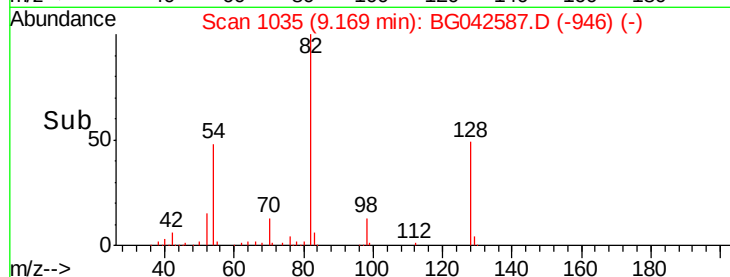
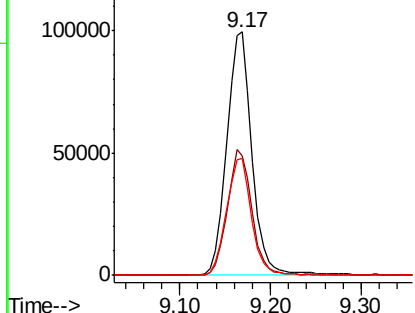
#23
Nitrobenzene-d5
Concen: 100.145 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

Instrument :
BNA_G
ClientSampleId :
SU-01-082819

Tot Ion	82	Resp	191739
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.7	61.1
54	48.2	36.3	54.5

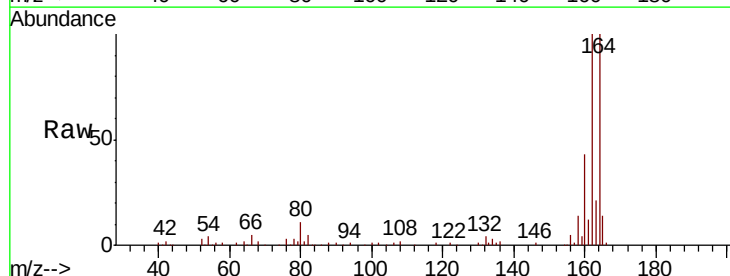


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

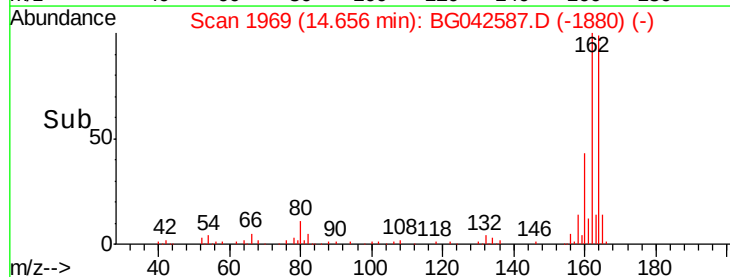
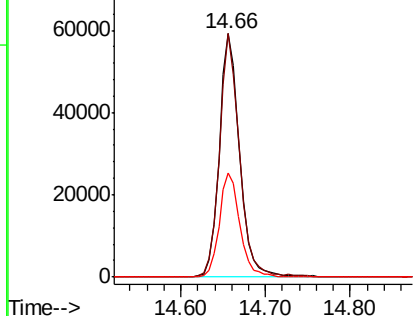


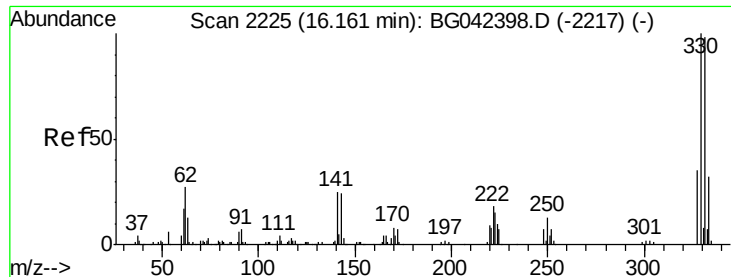
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

Tgt Ion	164	Resp	99009
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.9	119.9
160	42.5	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: 157.127 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042587.D

Acq: 30 Aug 2019 5:10

Instrument :

BNA_G

ClientSampleId :

SU-01-082819

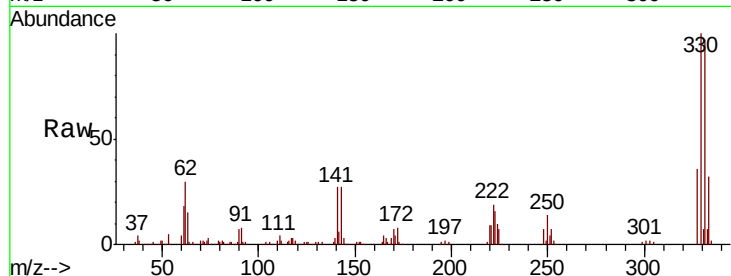
Tot Ion:330 Resp: 221117

Ion Ratio Lower Upper

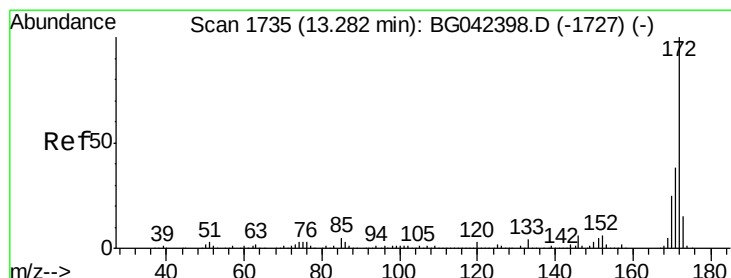
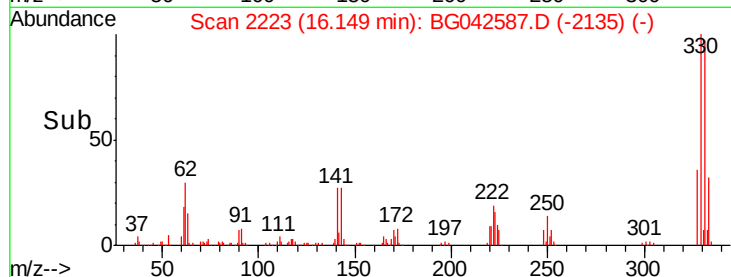
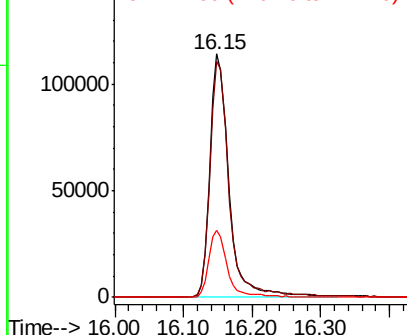
330 100

332 96.9 77.4 116.0

141 27.0 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: 103.492 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042587.D

Acq: 30 Aug 2019 5:10

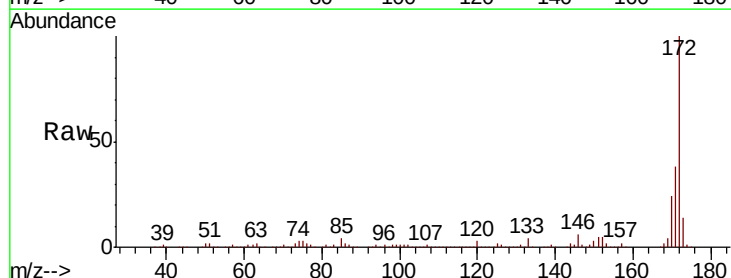
Tgt Ion:172 Resp: 605847

Ion Ratio Lower Upper

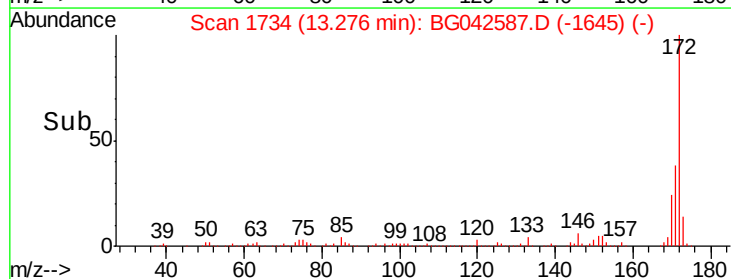
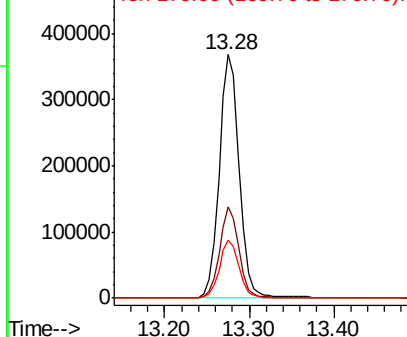
172 100

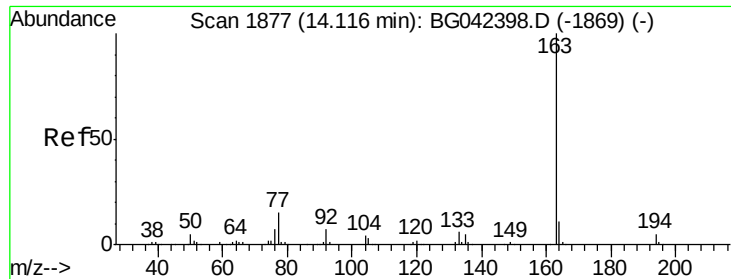
171 37.6 30.5 45.7

170 24.1 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: 2.207 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042587.D

Acq: 30 Aug 2019 5:10

Instrument :

BNA_G

ClientSampleId :

SU-01-082819

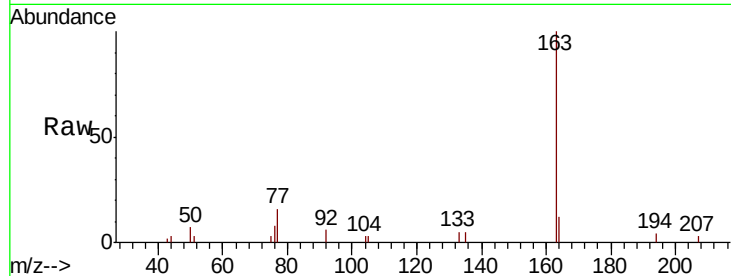
Tot Ion:163 Resp: 15768

Ion Ratio Lower Upper

163 100

194 4.4 4.2 6.2

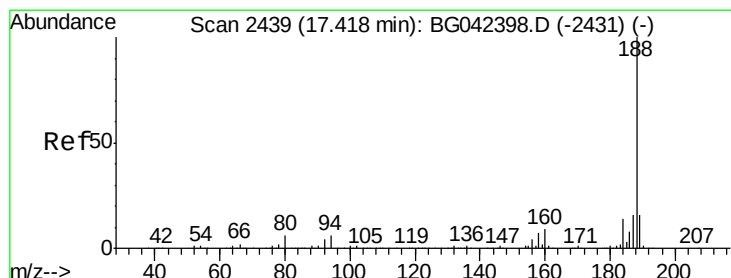
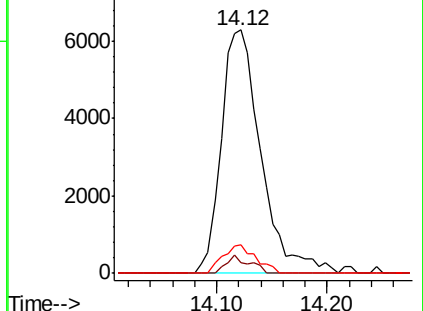
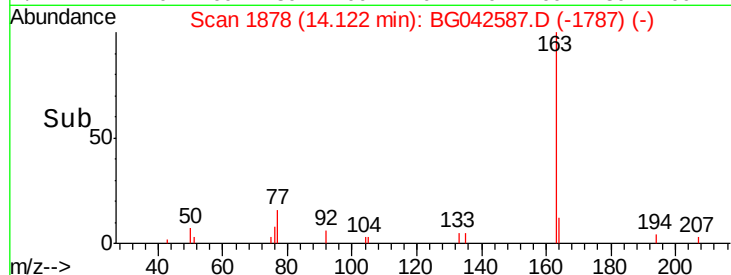
164 12.0 8.8 13.2



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: BG042587.D

Acq: 30 Aug 2019 5:10

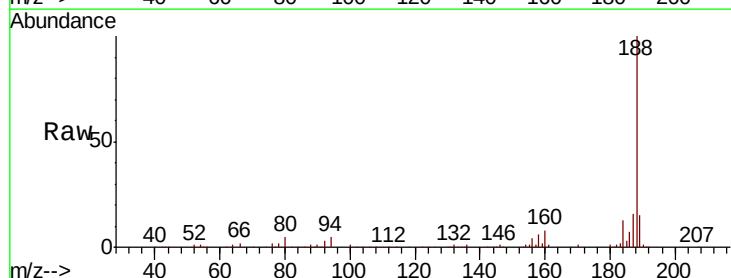
Tgt Ion:188 Resp: 234134

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

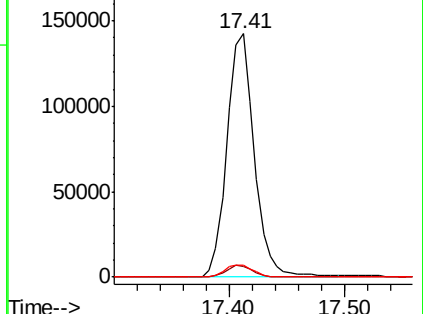
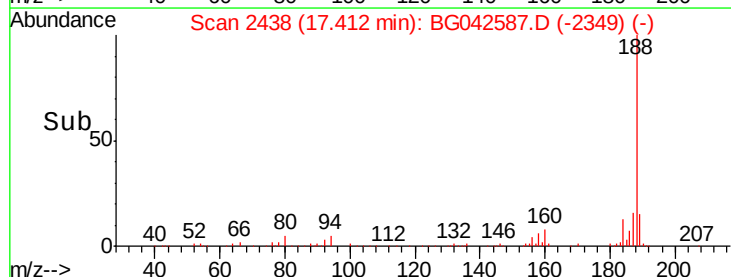
80 5.0 4.9 7.3

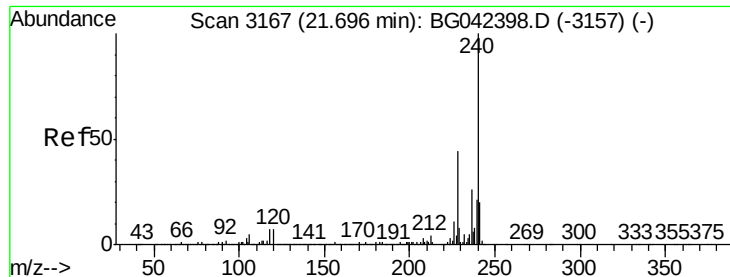


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

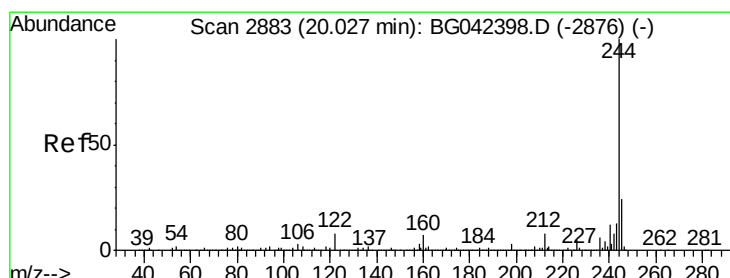
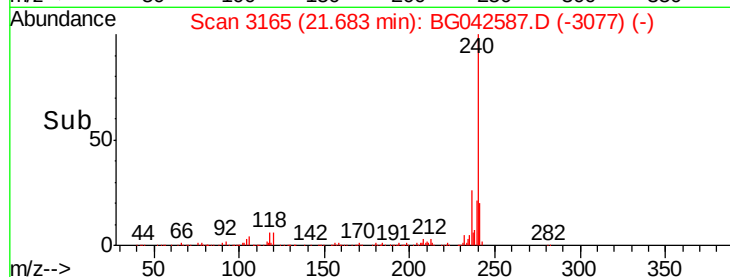
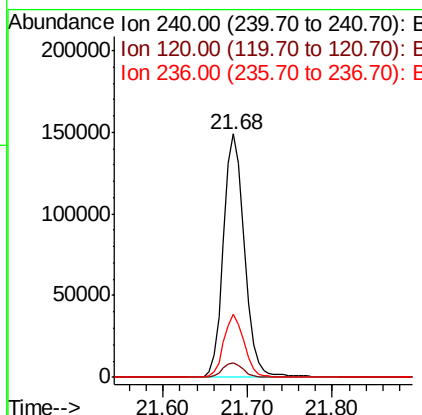
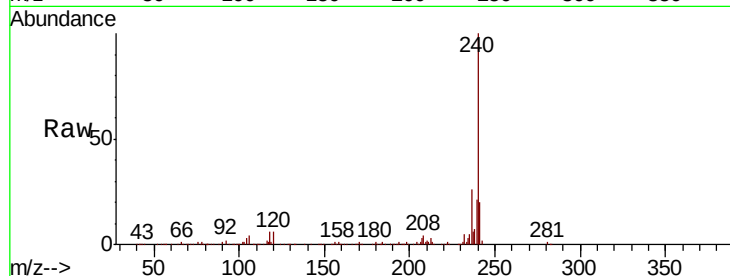




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

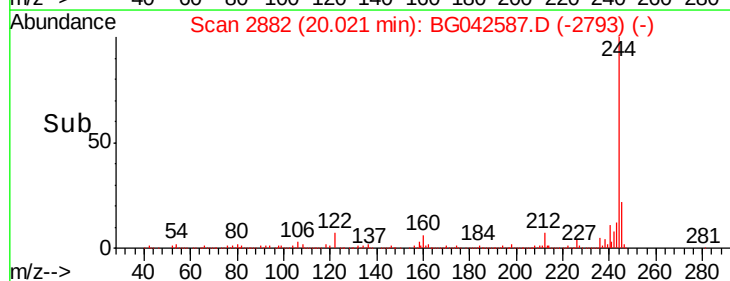
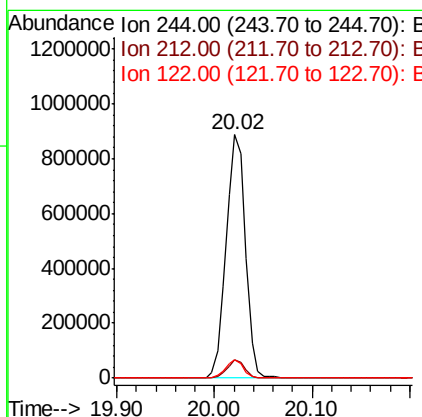
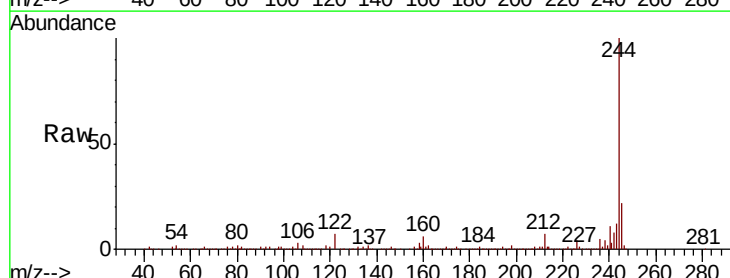
Instrument :
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ClientSampleId :
SU-01-082819

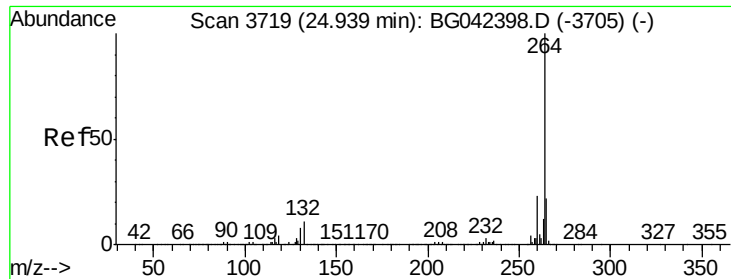
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	25.9	21.0	31.4



#79
Terphenyl-d14
Concen: 102.992 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042587.D
Acq: 30 Aug 2019 5:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.4	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: BG042587.D
Acq: 30 Aug 2019 5:10

Instrument :
BNA_G
ClientSampleId :
SU-01-082819

Tot Ion:	264	Resp:	303437
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.2	17.6	26.4

