

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042577.D
 Acq On : 29 Aug 2019 22:45
 Operator : HP/JU
 Sample : K4567-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Quant Time: Aug 30 06:01:28 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

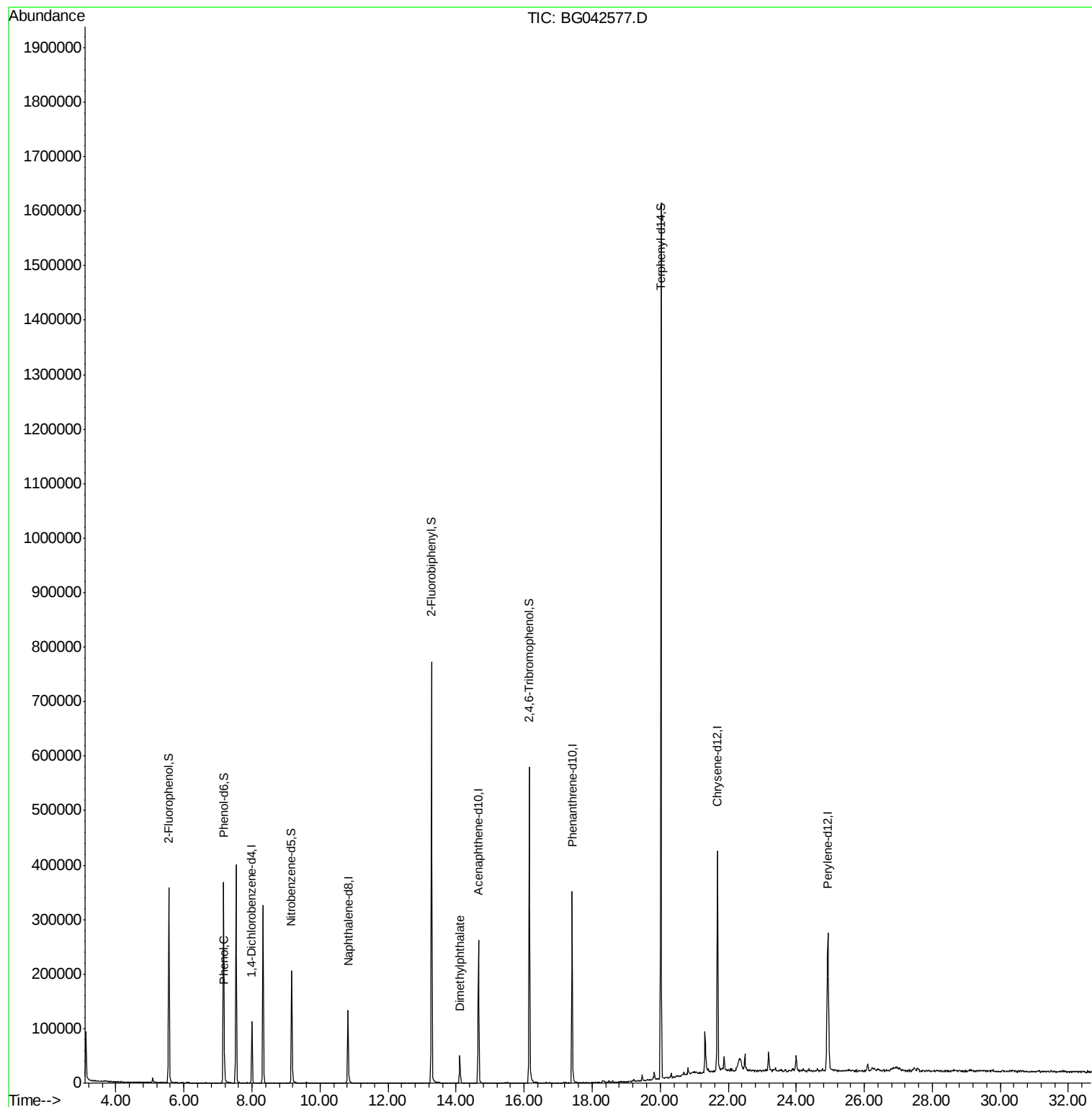
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38632	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146989	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107509	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249075	20.00	ng	0.00
76) Chrysene-d12	21.68	240	260276	20.00	ng	-0.01
87) Perylene-d12	24.93	264	311129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183224	96.06	ng	0.00
7) Phenol-d6	7.17	99	247598	96.10	ng	0.00
23) Nitrobenzene-d5	9.16	82	141574	66.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	158174	103.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	470574	74.03	ng	0.00
79) Terphenyl-d14	20.02	244	860260	71.46	ng	0.00
Target Compounds						
10) Phenol	7.19	94	13132	5.013	ng	82
50) Dimethylphthalate	14.10	163	53823	6.938	ng	99

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

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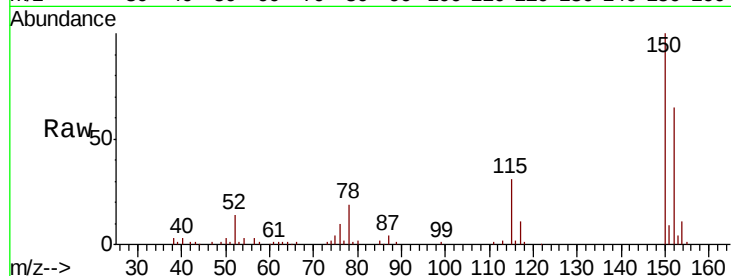


#1

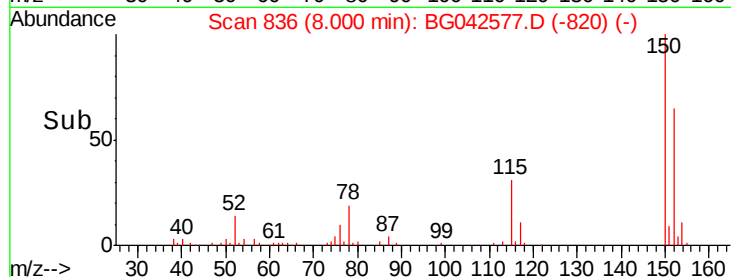
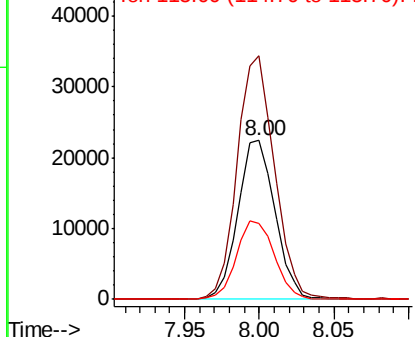
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Instrument :
BNA_G
ClientSampled :
TP-7-S

Tot Ion:152 Resp: 38632
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.0
115 47.9 38.5 57.7



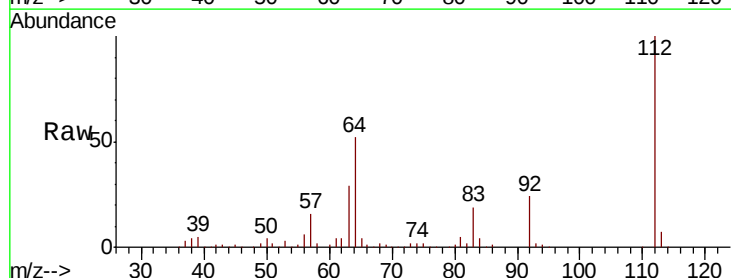
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



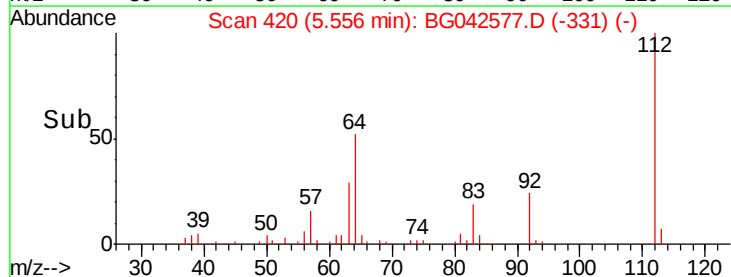
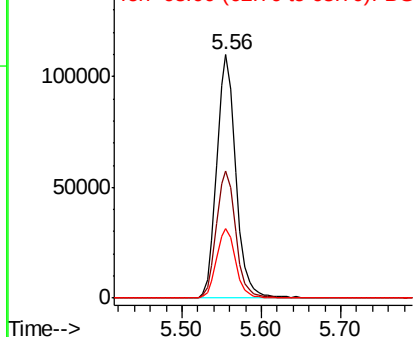
#5

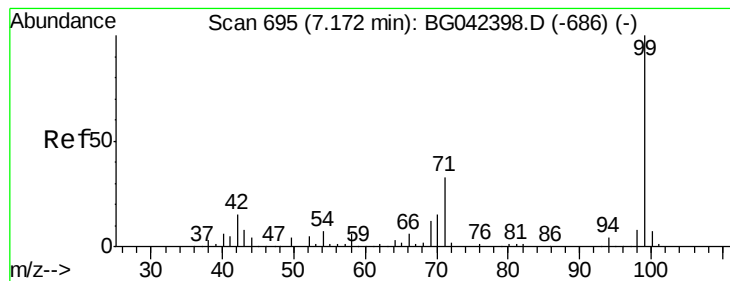
2-Fluorophenol
Concen: 96.056 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Tgt Ion:112 Resp: 183224
Ion Ratio Lower Upper
112 100
64 52.2 42.8 64.2
63 28.7 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: 96.096 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

ClientSampleId :

TP-7-S

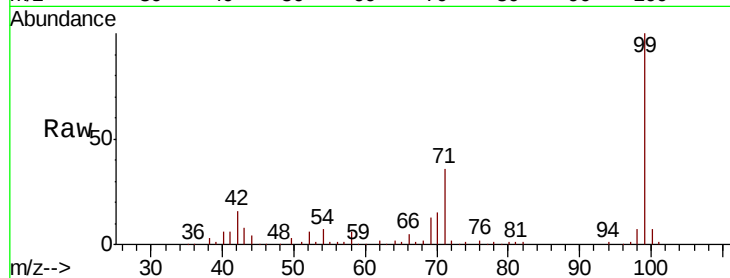
Tot Ion: 99 Resp: 247598

Ion Ratio Lower Upper

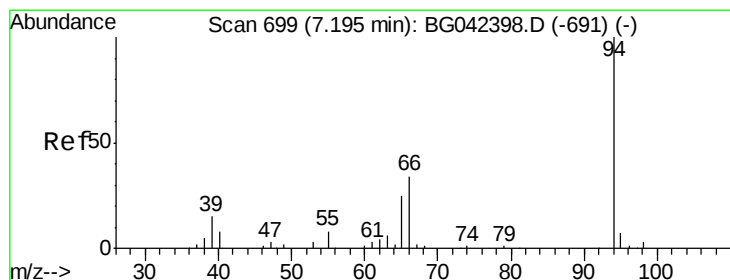
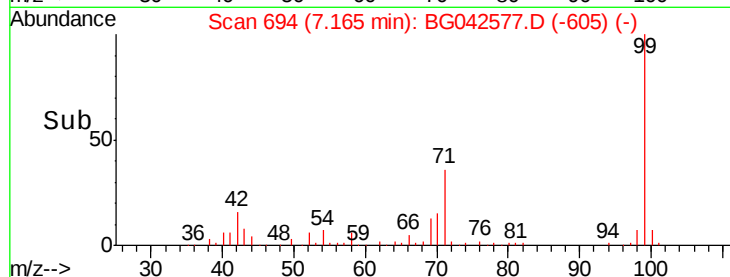
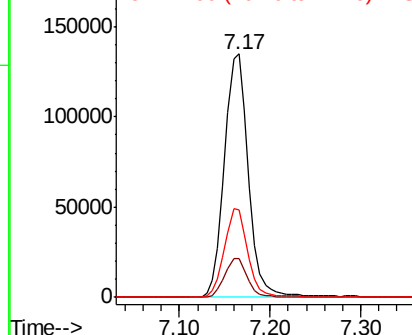
99 100

42 15.8 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



#10

Phenol

Concen: 5.013 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

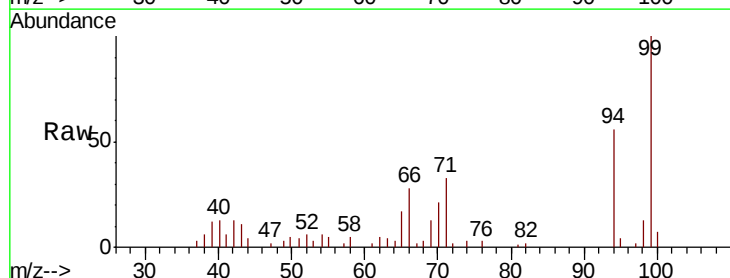
Tgt Ion: 94 Resp: 13132

Ion Ratio Lower Upper

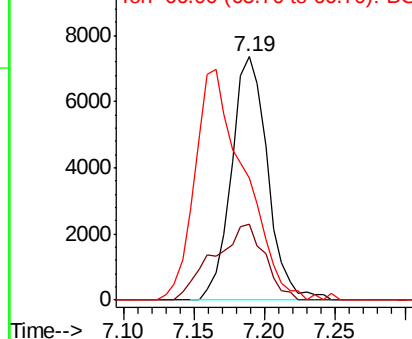
94 100

65 31.0 5.6 45.6

66 50.0 16.0 56.0



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

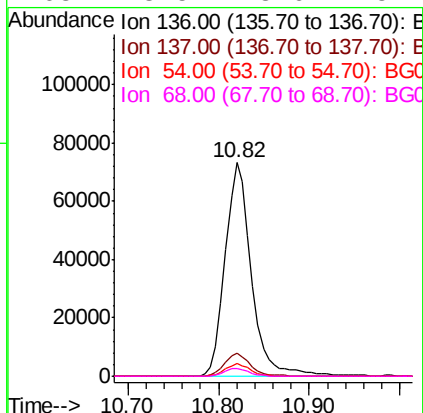
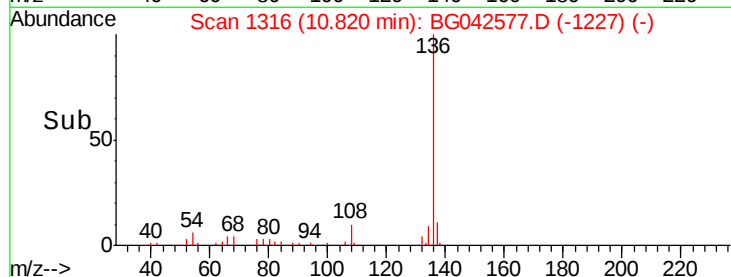
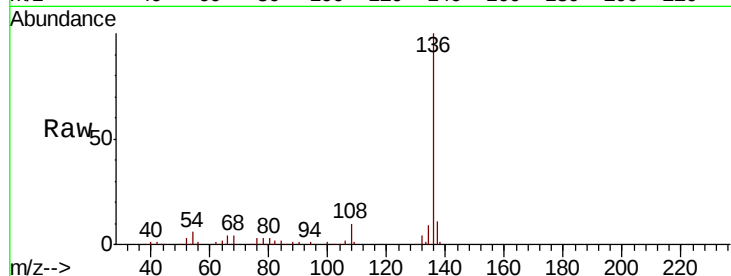




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

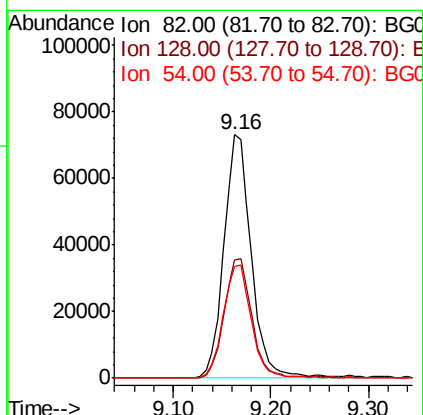
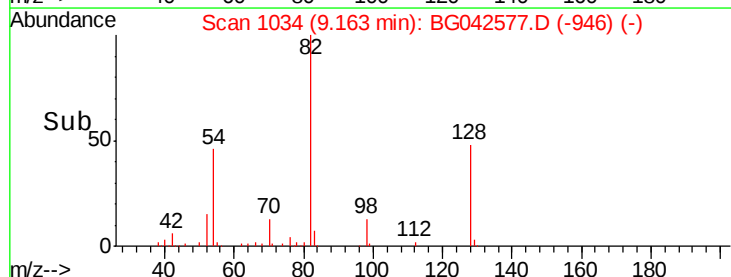
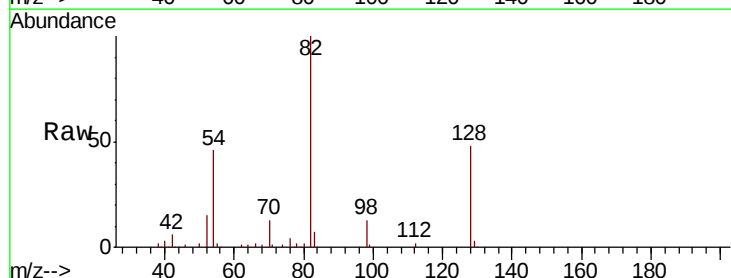
Instrument :
BNA_G
ClientSampleId :
TP-7-S

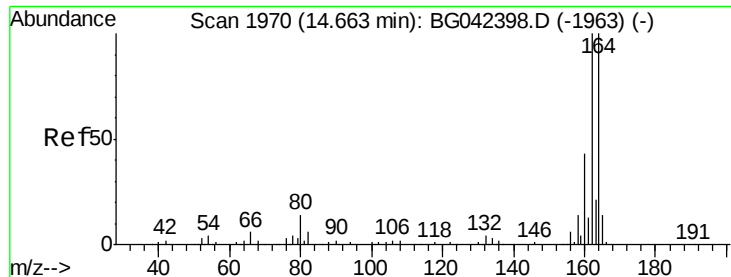
Tot Ion:136	Resp:	146989	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	4.9	7.3
68	3.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 66.558 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Tgt Ion: 82	Resp:	141574	
Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.7	61.1
54	45.8	36.3	54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

ClientSampleId :

TP-7-S

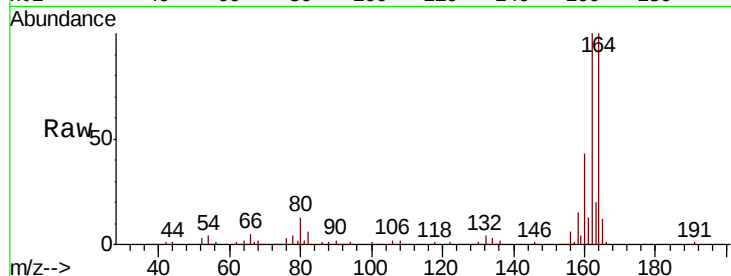
Tot Ion:164 Resp: 107509

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

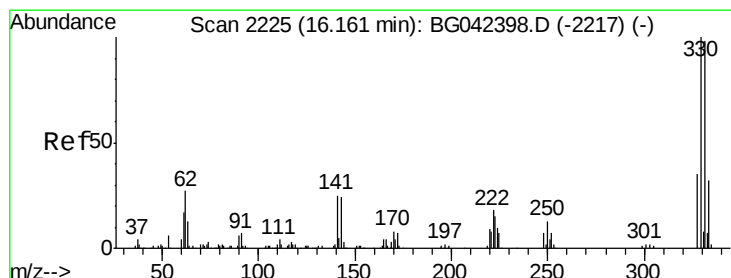
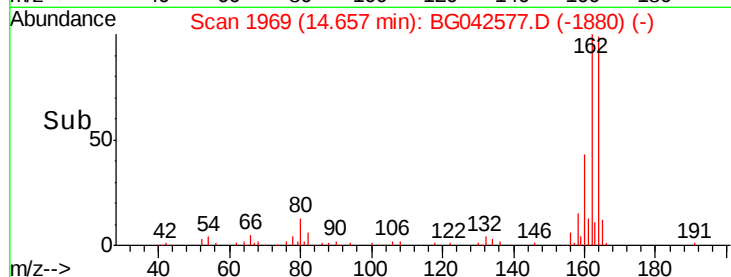
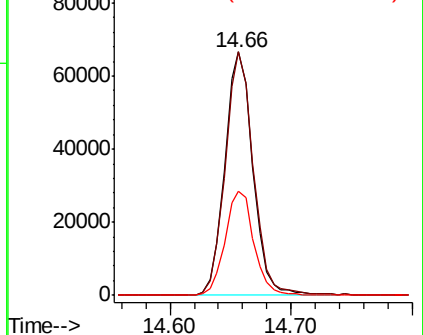
160 42.8 34.3 51.5



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: 103.513 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

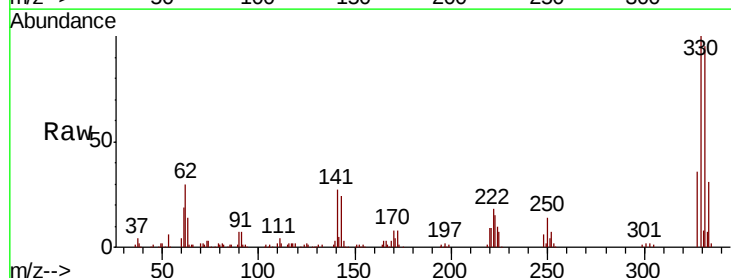
Tgt Ion:330 Resp: 158174

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 27.4 21.4 32.0

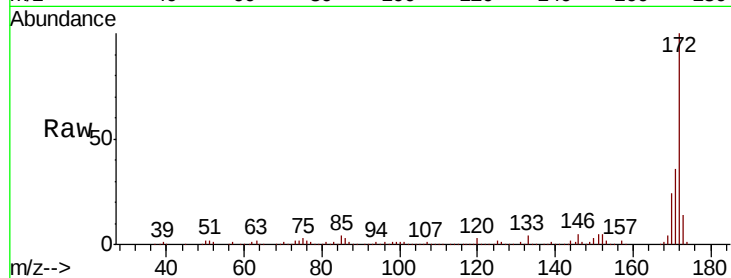




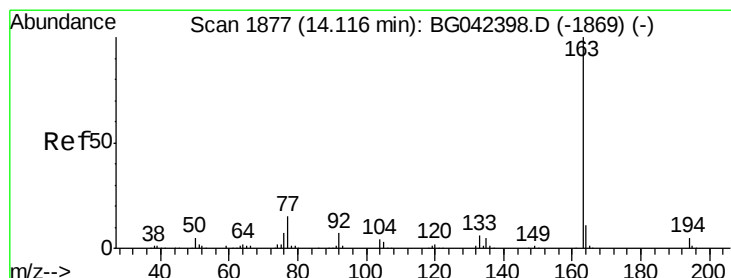
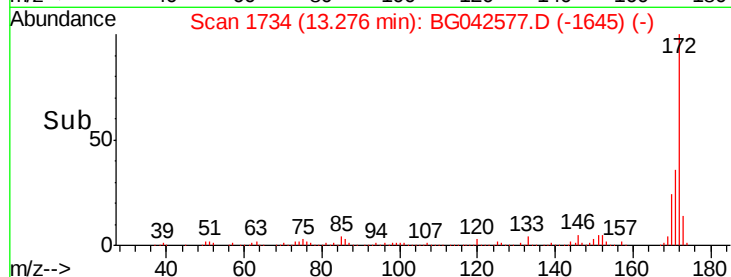
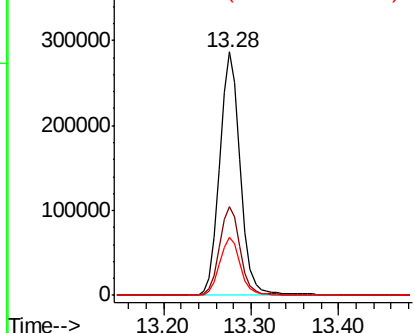
#45
 2-Fluorobiphenyl
 Concen: 74.029 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Tot Ion:172 Resp: 470574
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 23.9 20.2 30.2

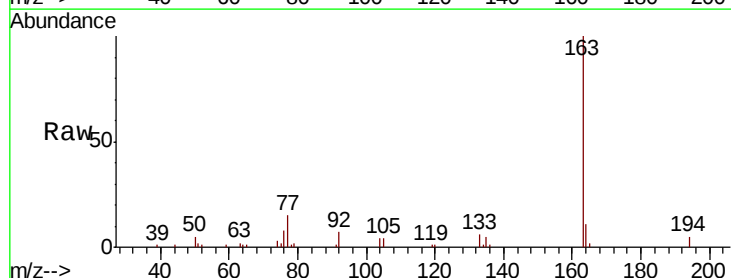


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

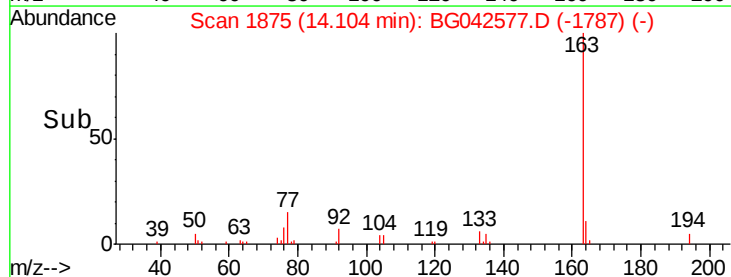
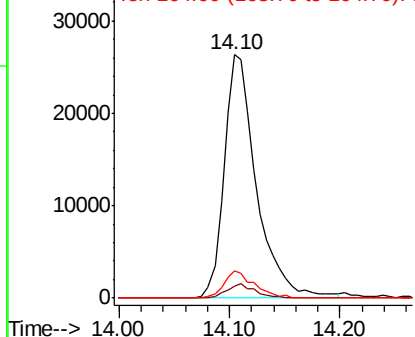


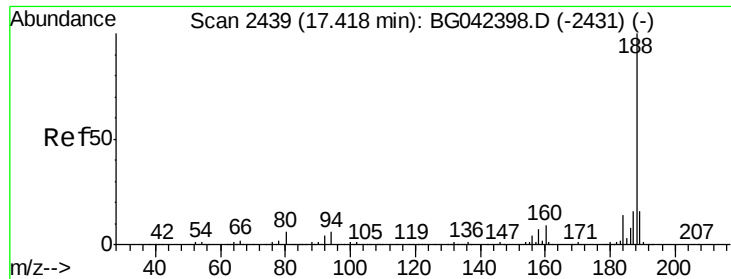
#50
 Dimethylphthalate
 Concen: 6.938 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Tgt Ion:163 Resp: 53823
 Ion Ratio Lower Upper
 163 100
 194 4.8 4.2 6.2
 164 11.4 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

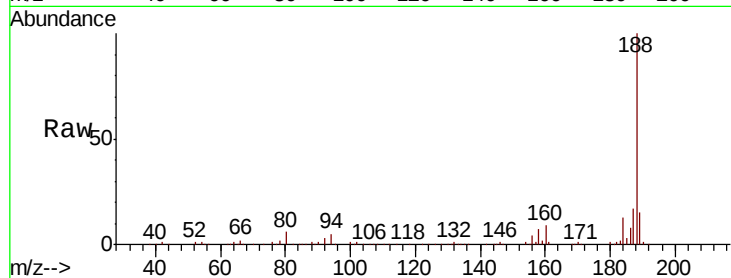




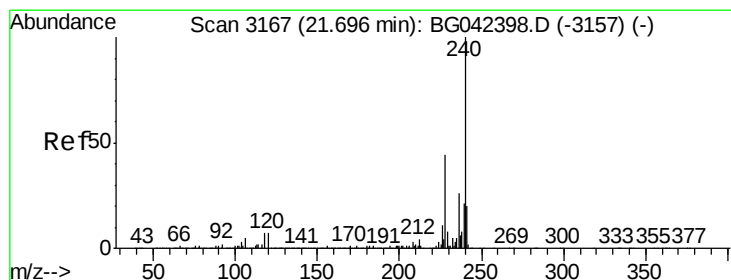
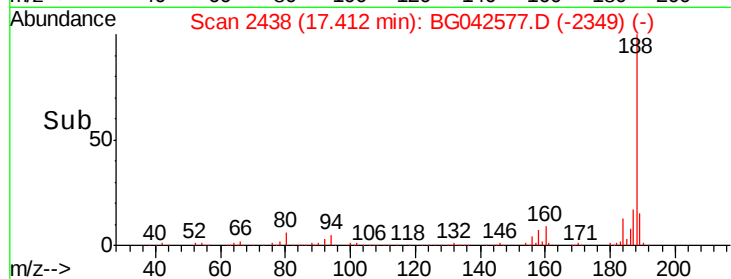
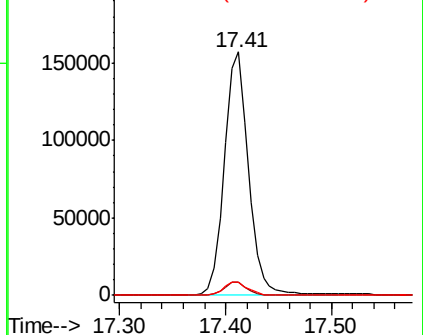
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Instrument :
BNA_G
ClientSampleId :
TP-7-S

Tot Ion:188 Resp: 249075
Ion Ratio Lower Upper
188 100
94 5.2 4.5 6.7
80 5.6 4.9 7.3

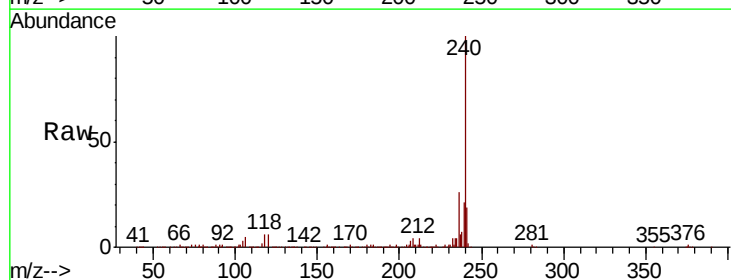


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

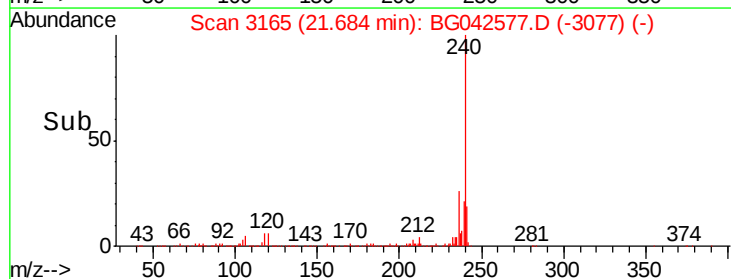
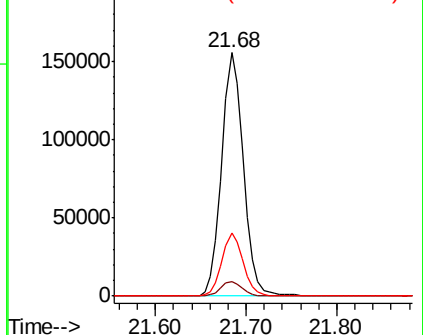


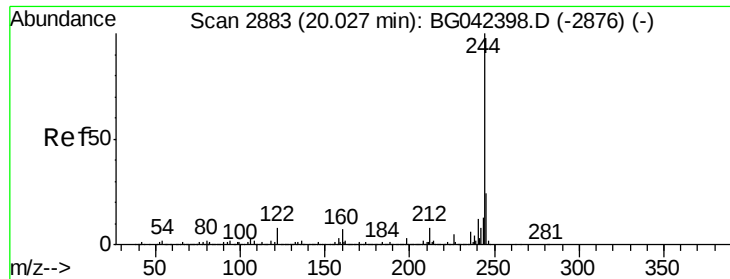
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Tgt Ion:240 Resp: 260276
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.9 21.0 31.4



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: 71.455 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

ClientSampleId :

TP-7-S

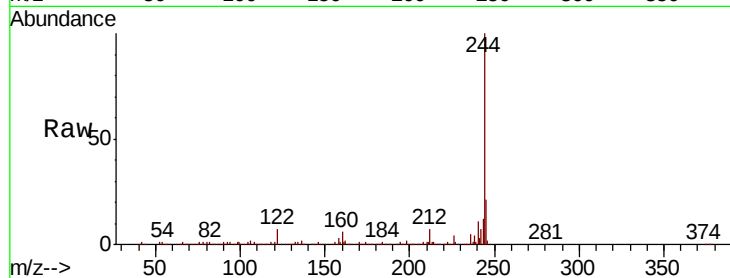
Tot Ion:244 Resp: 860260

Ion Ratio Lower Upper

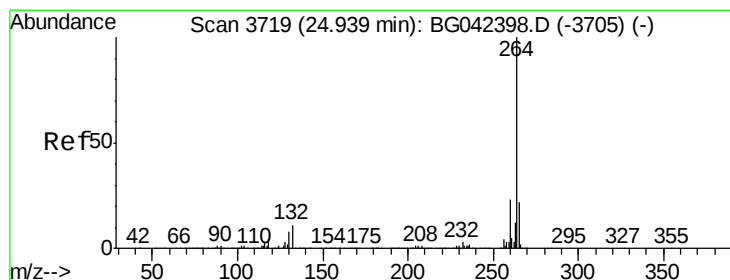
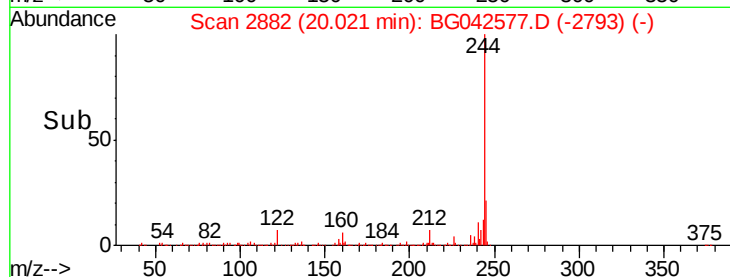
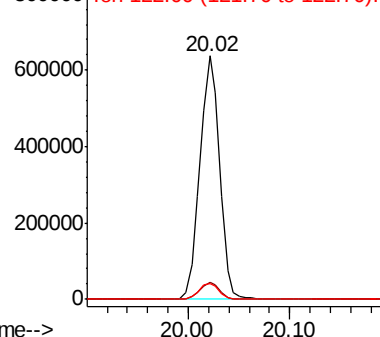
244 100

212 6.9 6.0 9.0

122 6.6 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

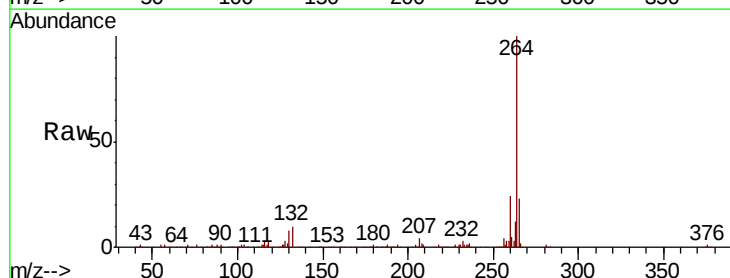
Tgt Ion:264 Resp: 311129

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.8 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

