

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043687.D
 Acq On : 19 Nov 2019 00:09
 Operator : JU
 Sample : K5863-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Nov 19 02:57:21 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	7.99	152	26356	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	92651	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	65264	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	167305	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	195795	20.00	ng	-0.02
87) Perylene-d12	24.81	264	227867	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	192071	133.54	ng	0.00
7) Phenol-d6	7.19	99	255469	123.45	ng	0.00
23) Nitrobenzene-d5	9.16	82	156125	86.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	153101	123.27	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	423338	89.63	ng	-0.02
79) Terphenyl-d14	19.98	244	1021206	97.85	ng	-0.02

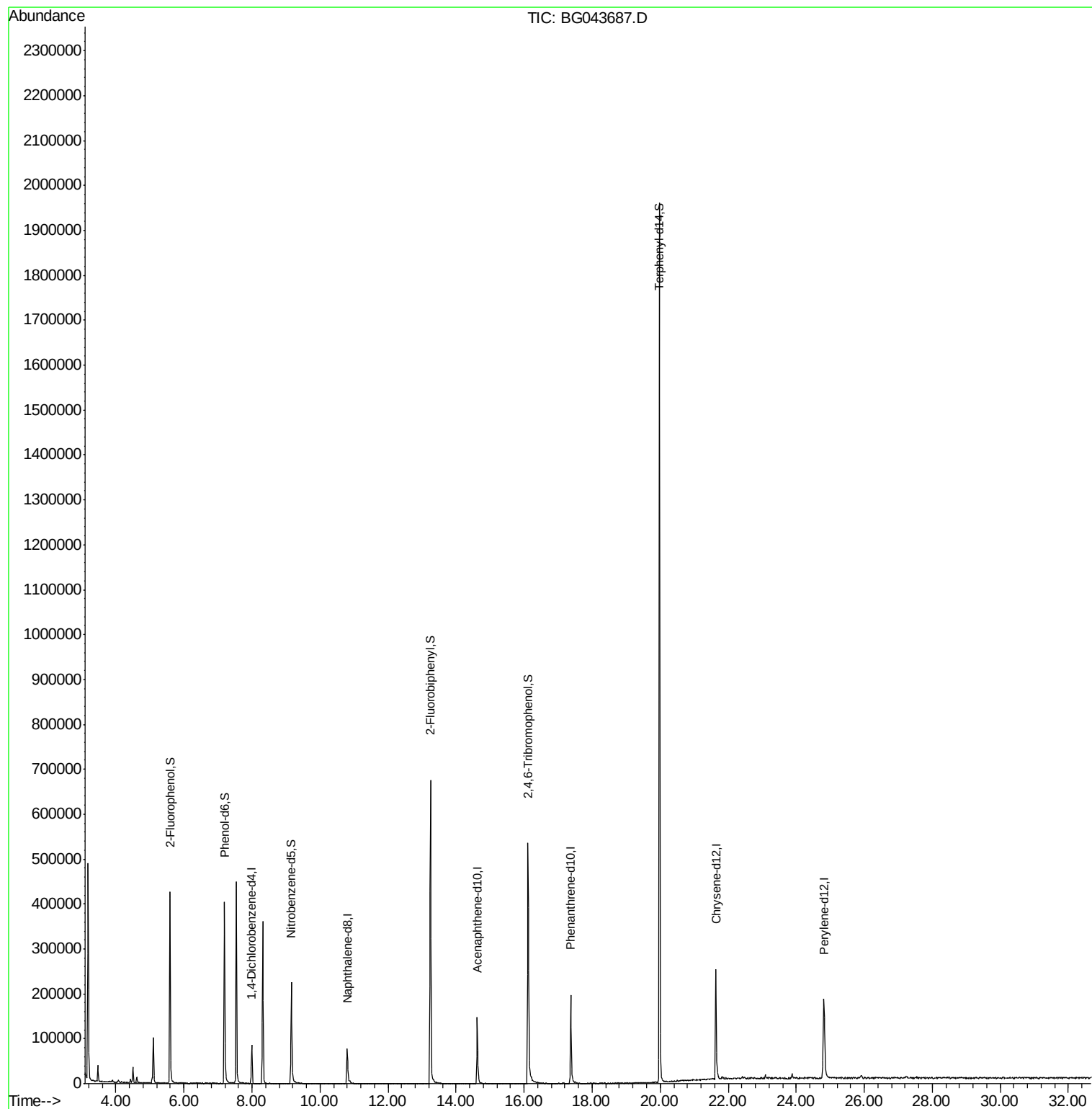
Target Compounds Qvalue

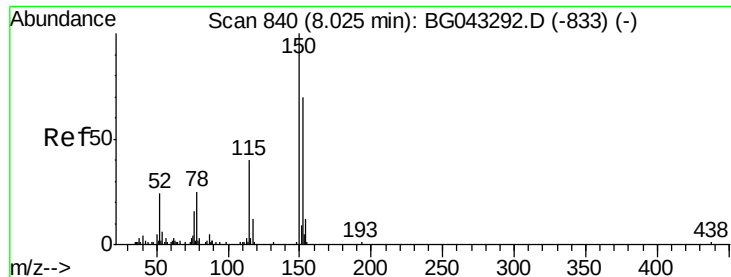
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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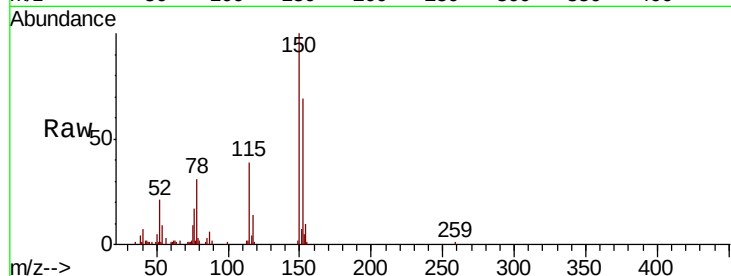


#1

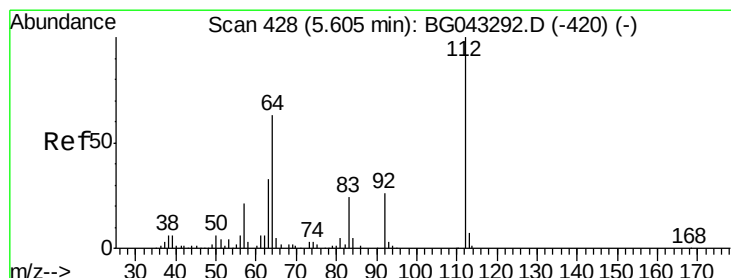
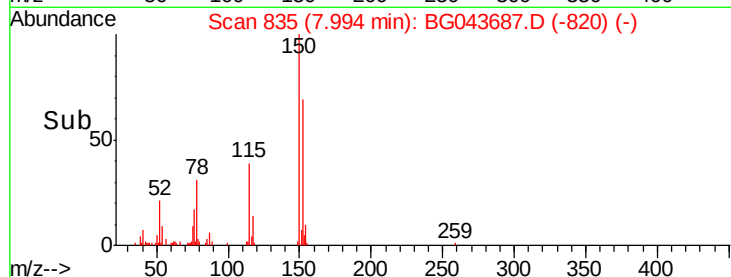
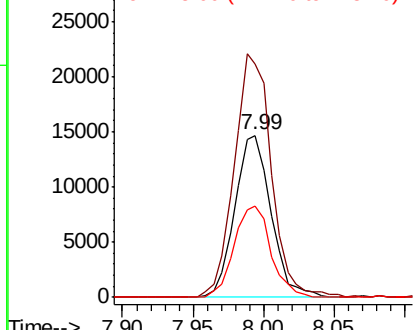
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043687.D
Acq: 19 Nov 2019 00:09

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tot Ion:152 Resp: 26356
Ion Ratio Lower Upper
152 100
150 144.5 129.4 194.0
115 56.7 48.8 73.2



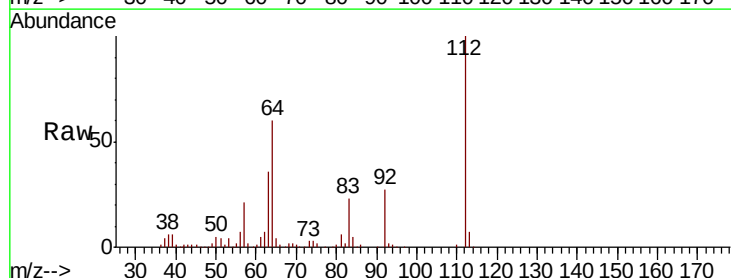
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



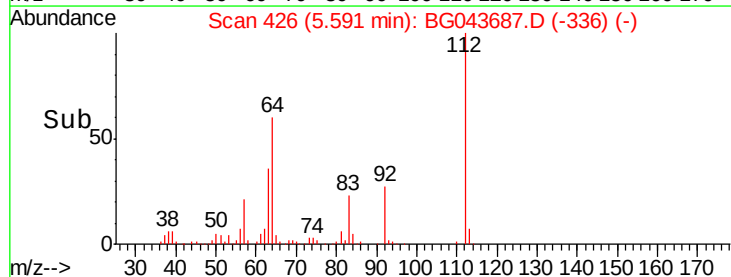
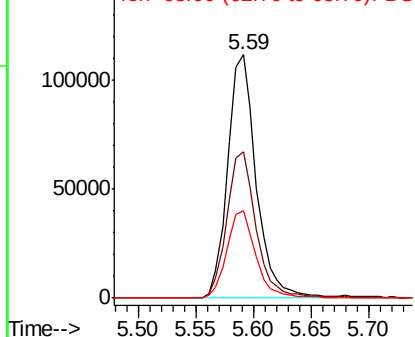
#5

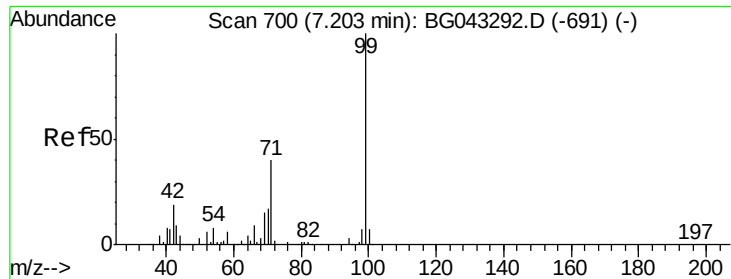
2-Fluorophenol
Concen: 133.541 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043687.D
Acq: 19 Nov 2019 00:09

Tgt Ion:112 Resp: 192071
Ion Ratio Lower Upper
112 100
64 59.9 50.0 75.0
63 36.1 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: 123.453 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

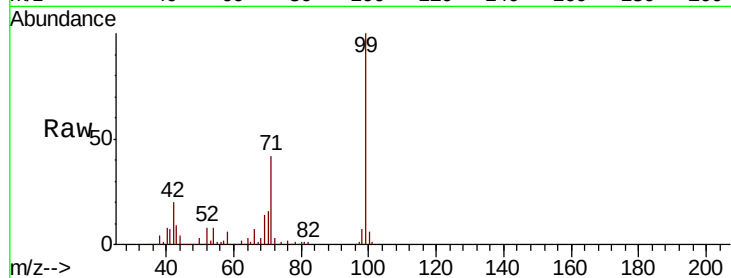
Tot Ion: 99 Resp: 255469

Ion Ratio Lower Upper

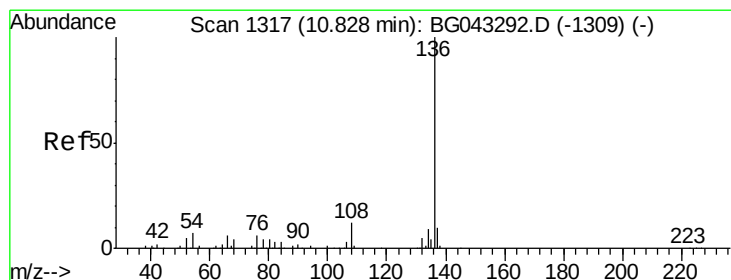
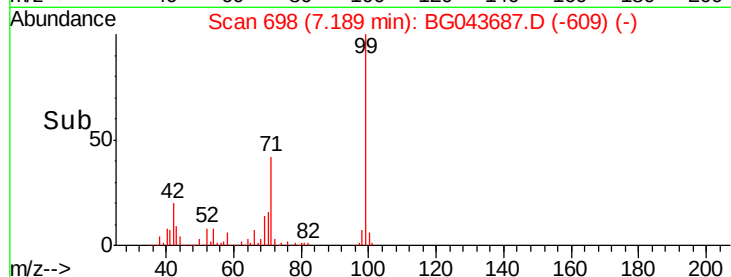
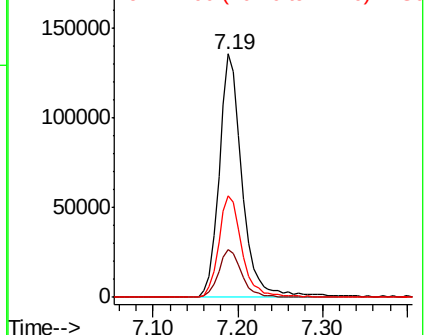
99 100

42 19.7 14.6 21.8

71 41.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

Tgt Ion: 136 Resp: 92651

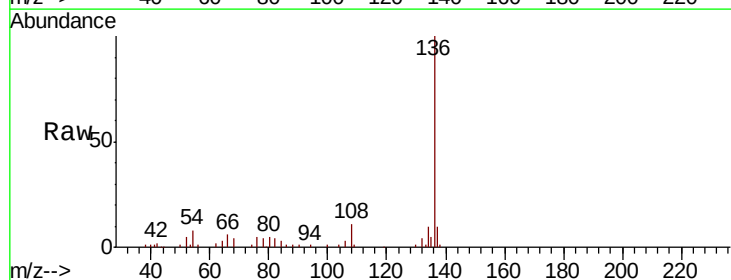
Ion Ratio Lower Upper

136 100

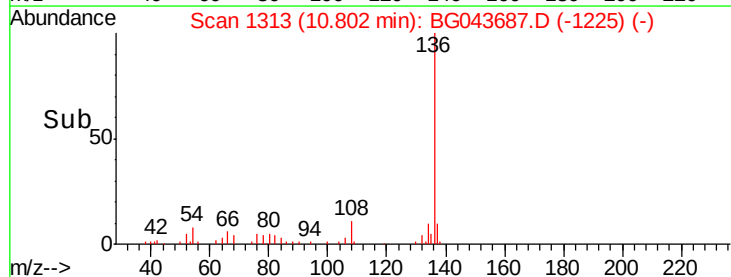
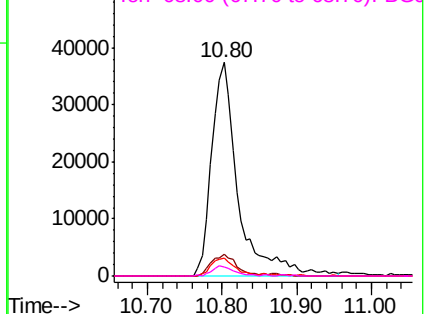
137 10.0 8.7 13.1

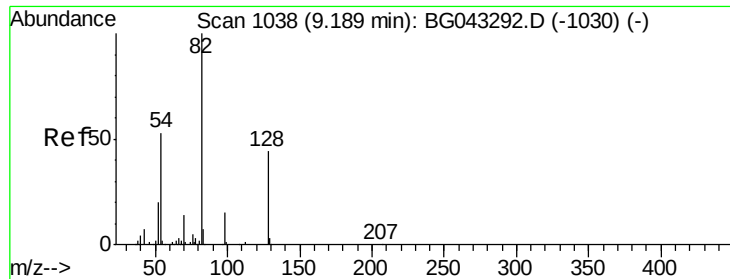
54 8.3 5.4 8.2#

68 4.3 3.0 4.4



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

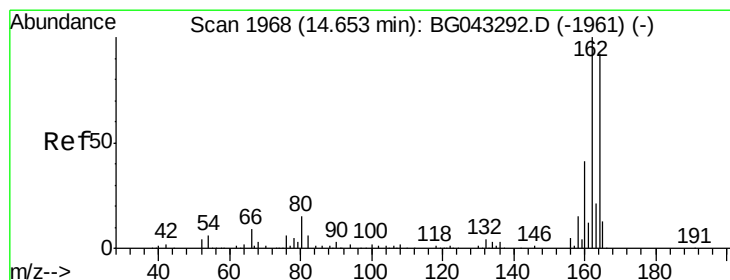
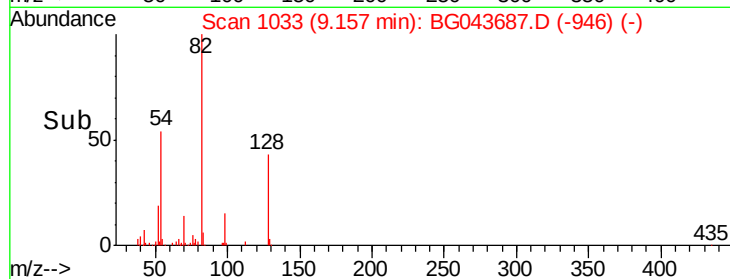
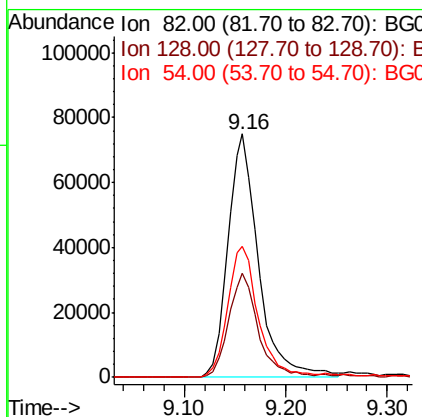
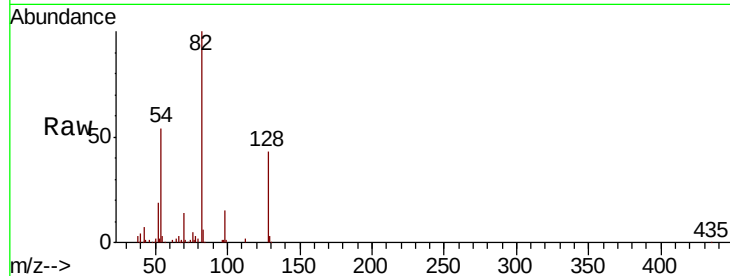




#23
Nitrobenzene-d5
Concen: 86.874 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043687.D
Acq: 19 Nov 2019 00:09

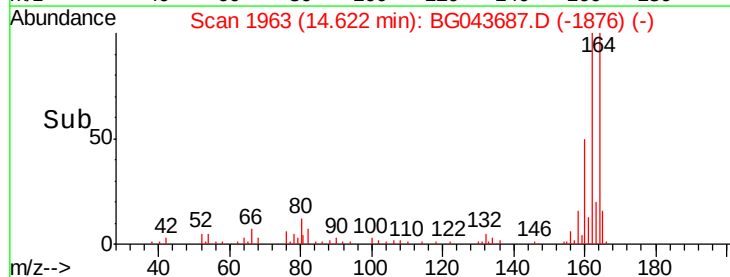
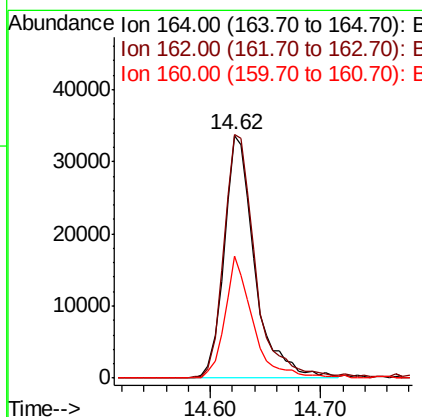
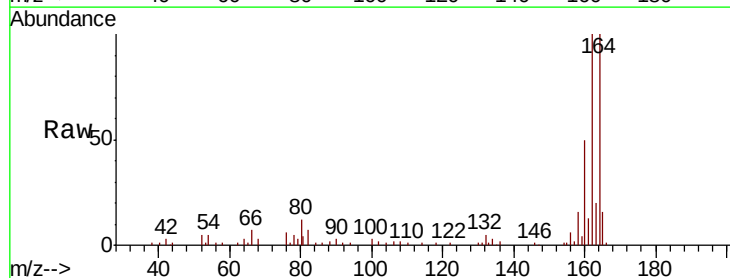
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

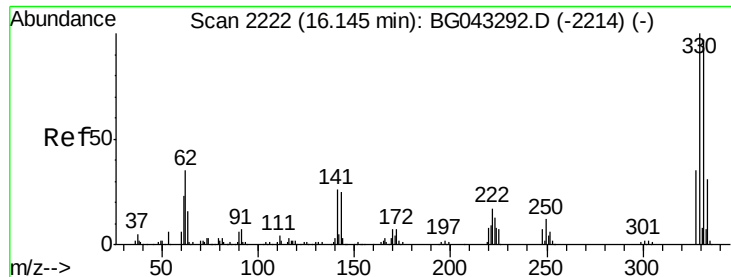
Tot Ion	82	Resp	156125
Ion Ratio	Lower	Upper	
82	100		
128	42.6	35.0	52.6
54	53.6	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043687.D
Acq: 19 Nov 2019 00:09

Tgt Ion	164	Resp	65264
Ion Ratio	Lower	Upper	
164	100		
162	100.5	83.5	125.3
160	50.5	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 123.272 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

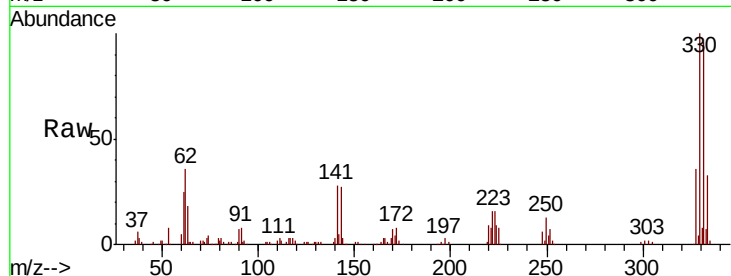
Tot Ion:330 Resp: 153101

Ion Ratio Lower Upper

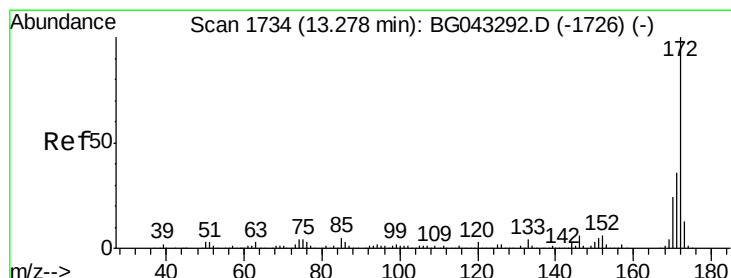
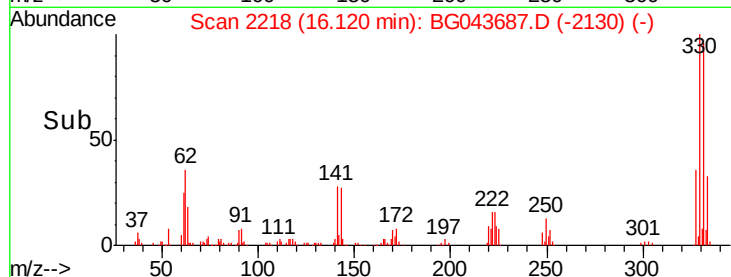
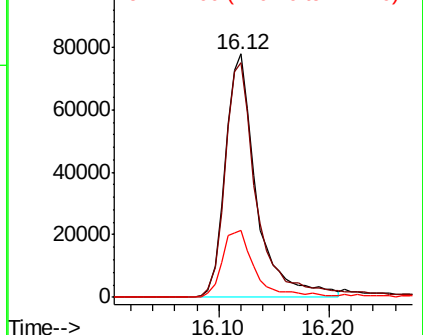
330 100

332 101.7 77.4 116.0

141 29.1 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: 89.631 ng

RT: 13.25 min Scan# 1729

Delta R.T. -0.02 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

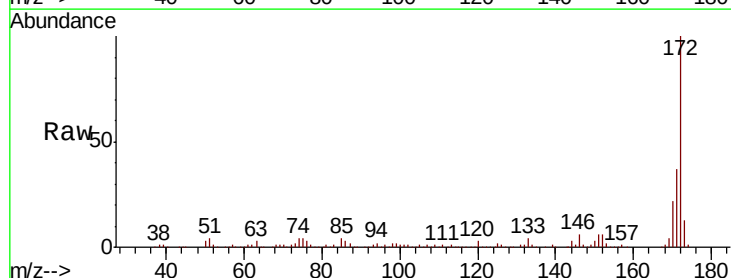
Tgt Ion:172 Resp: 423338

Ion Ratio Lower Upper

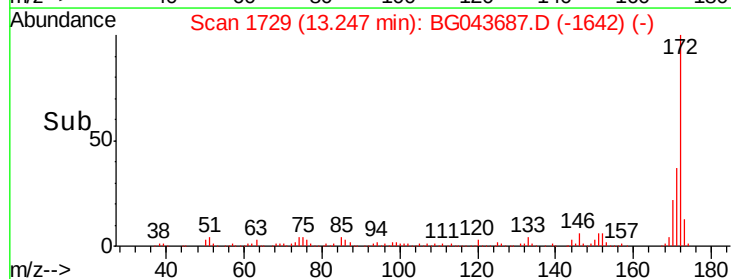
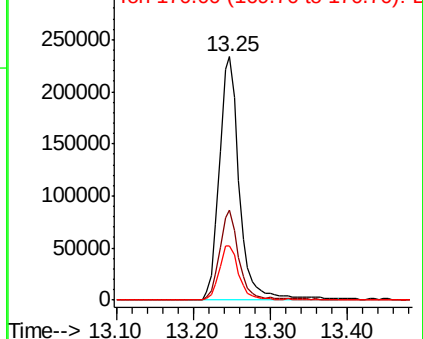
172 100

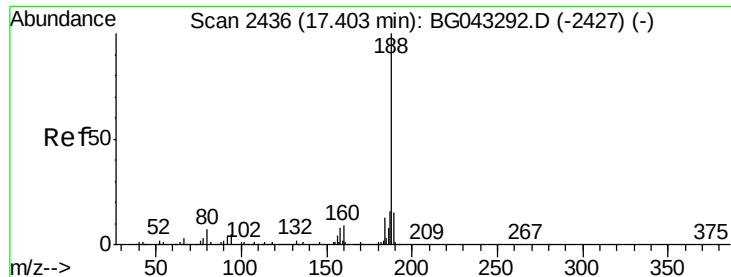
171 37.2 28.9 43.3

170 22.3 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

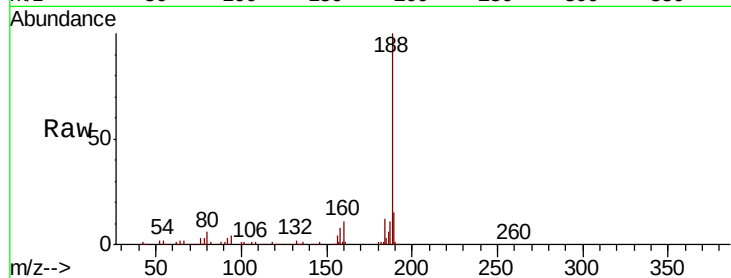
Tot Ion:188 Resp: 167305

Ion Ratio Lower Upper

188 100

94 4.3 4.2 6.4

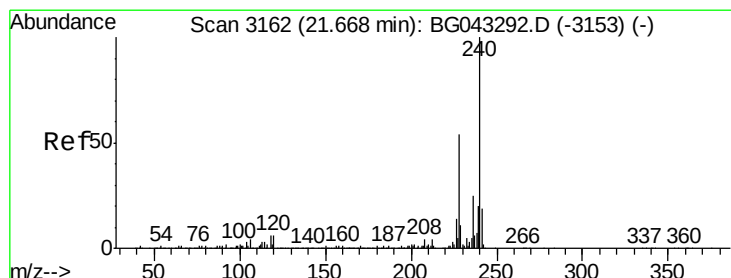
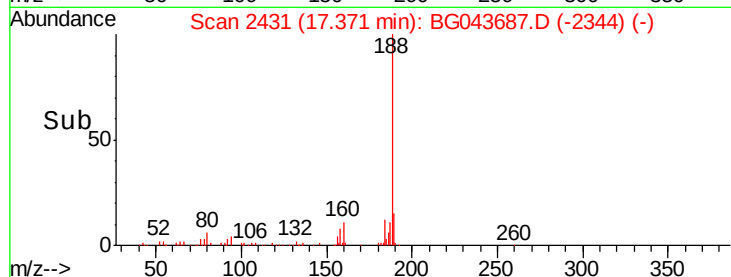
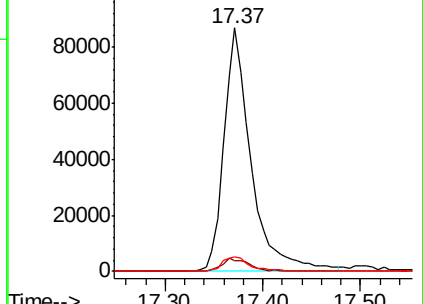
80 6.1 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043687.D

Acq: 19 Nov 2019 00:09

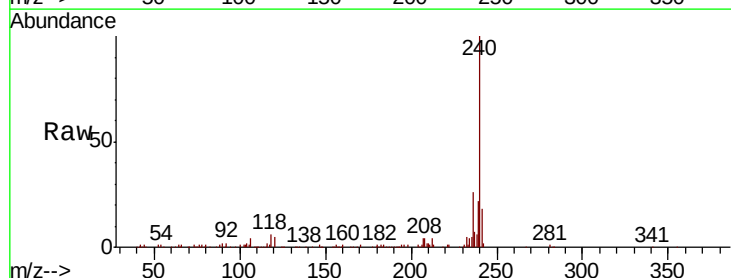
Tgt Ion:240 Resp: 195795

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

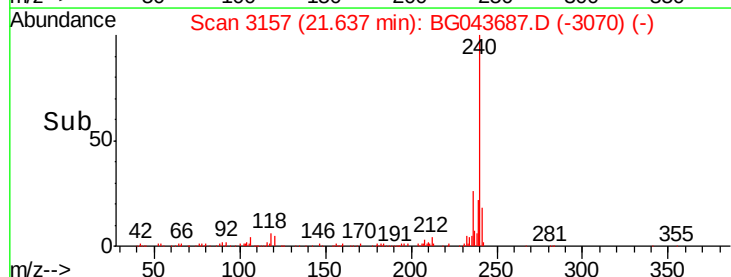
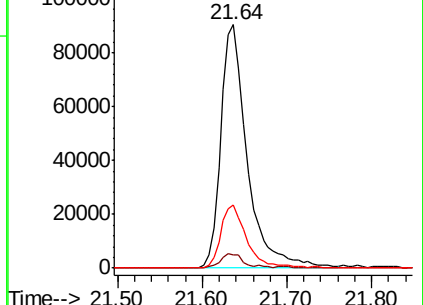
236 25.7 19.8 29.8

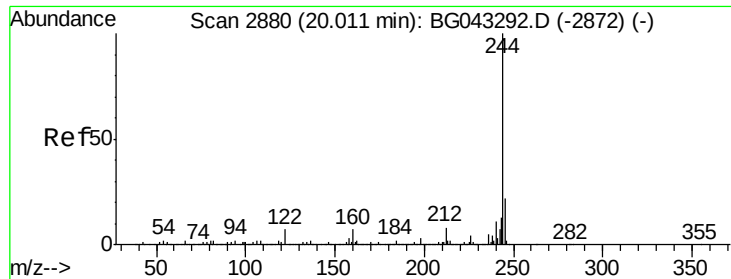


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

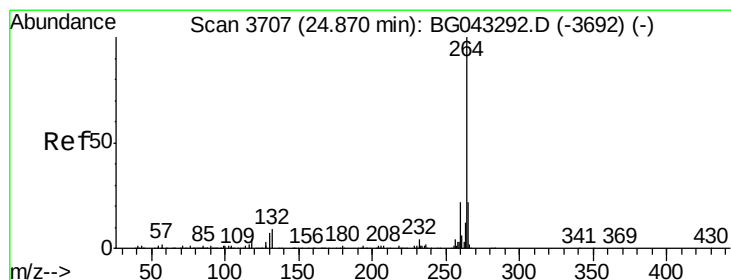
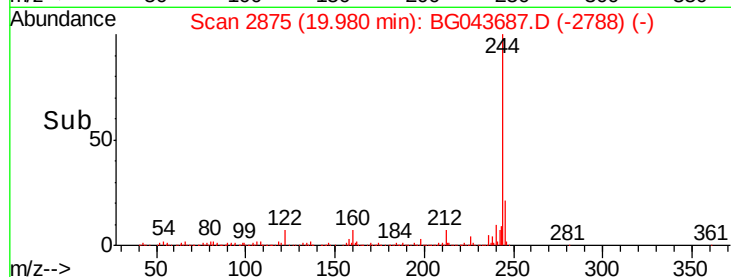
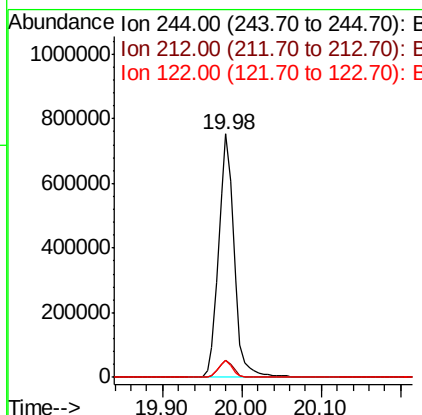
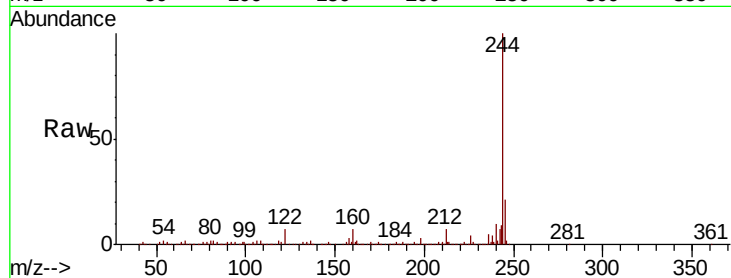




#79
 Terphenyl-d14
 Concen: 97.849 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043687.D
 Acq: 19 Nov 2019 00:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:244 Resp: 1021206
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.9 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.04 min
 Lab File: BG043687.D
 Acq: 19 Nov 2019 00:09

Tgt Ion:264 Resp: 227867
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.5 26.3
 265 19.8 17.4 26.0

