

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042965.D
 Acq On : 1 Oct 2019 6:24
 Operator : JU
 Sample : K4997-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11-091919

Quant Time: Oct 01 08:21:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76319	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	268022	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	192698	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	461608	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	513070	20.00	ng	-0.02
87) Perylene-d12	24.92	264	584476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	556749	130.19	ng	0.00
7) Phenol-d6	7.24	99	767443	124.62	ng	0.00
23) Nitrobenzene-d5	9.23	82	506860	91.92	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	443718	133.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1182741	88.98	ng	-0.01
79) Terphenyl-d14	20.04	244	2228764	92.56	ng	0.00

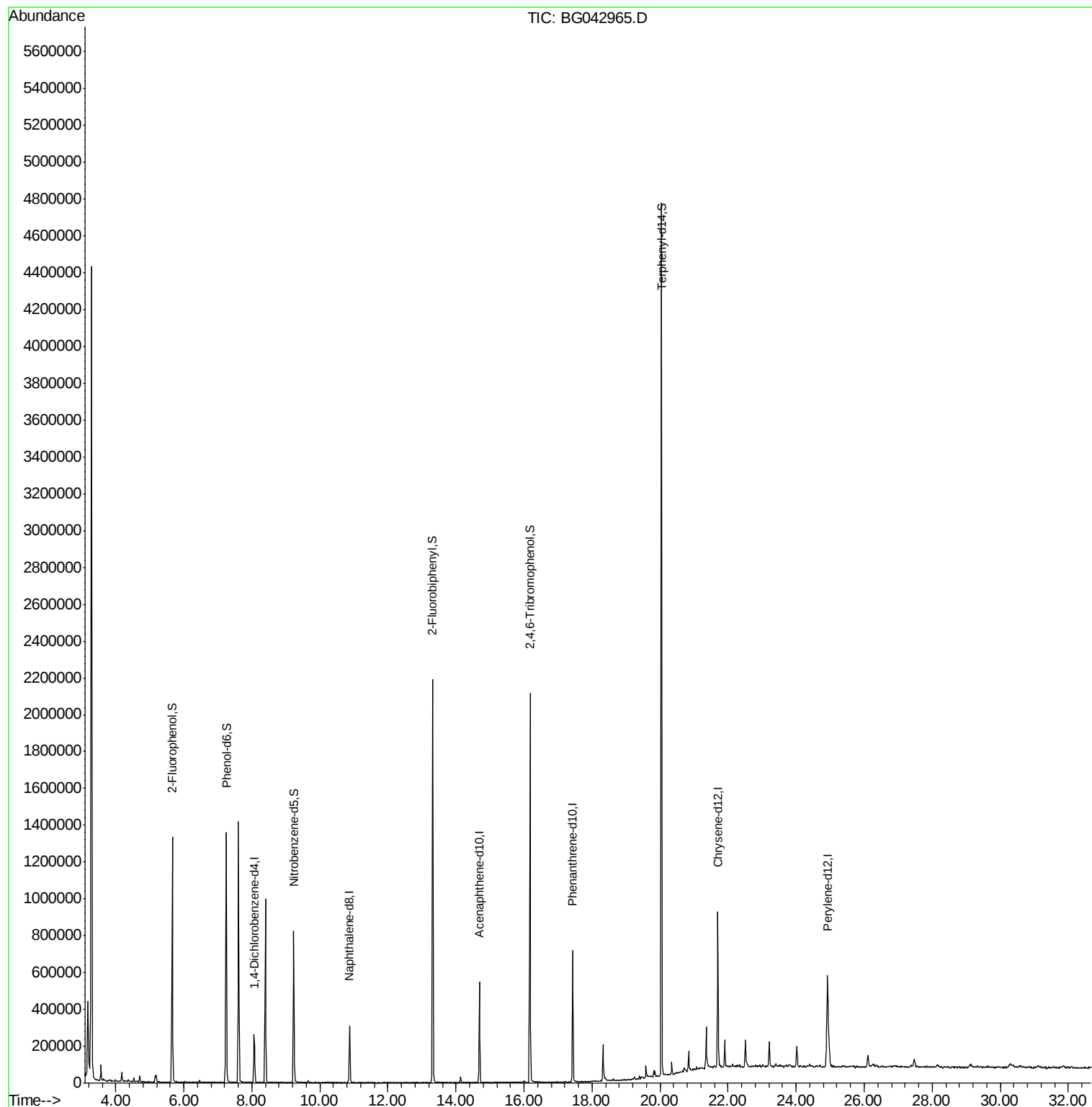
Target Compounds Qvalue

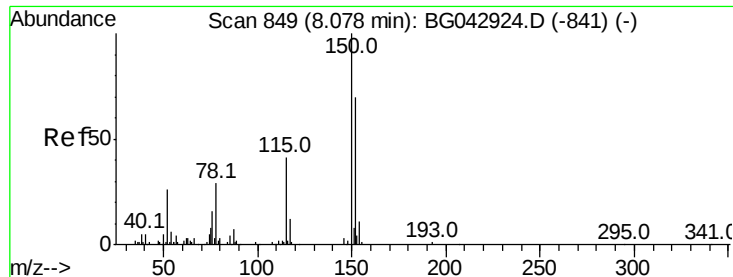
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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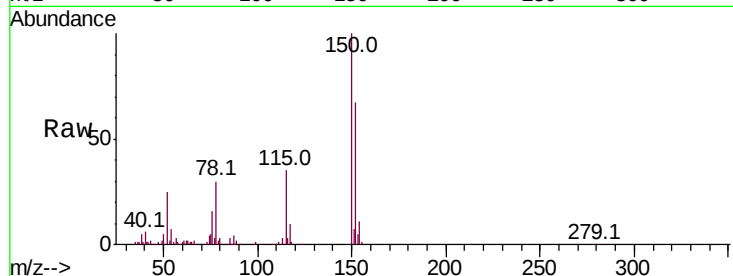


#1

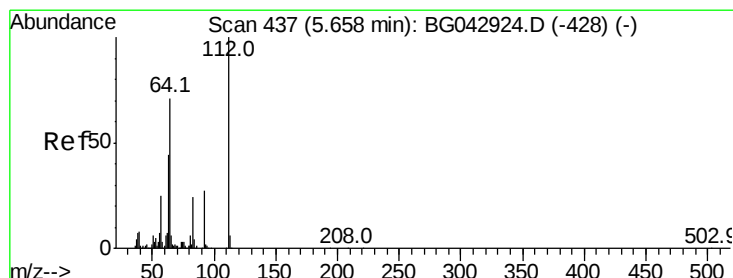
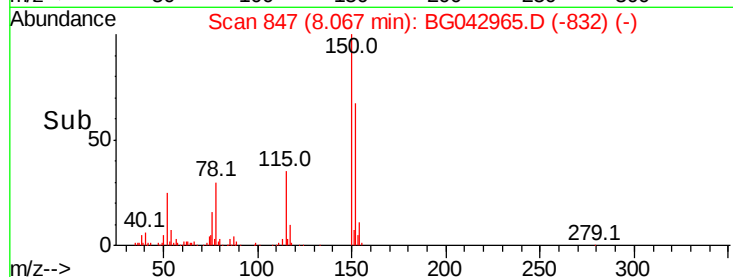
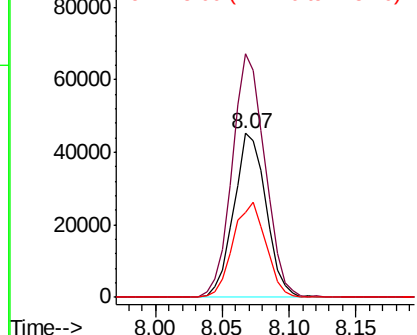
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :
WC-11-091919

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	115.0	172.4
115	52.0	47.0	70.6



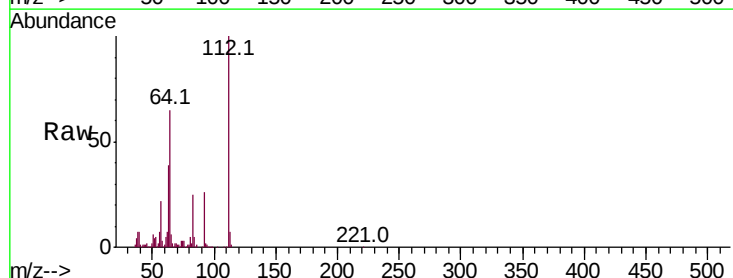
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



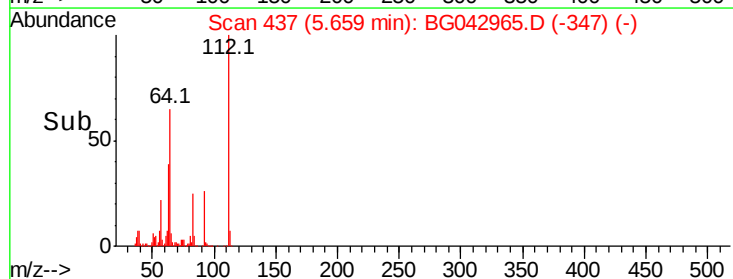
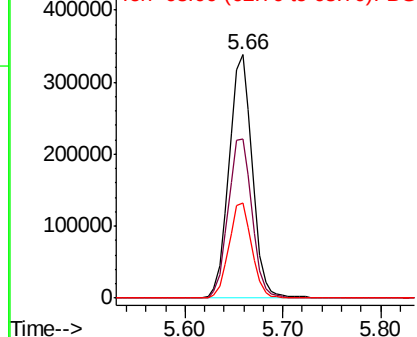
#5

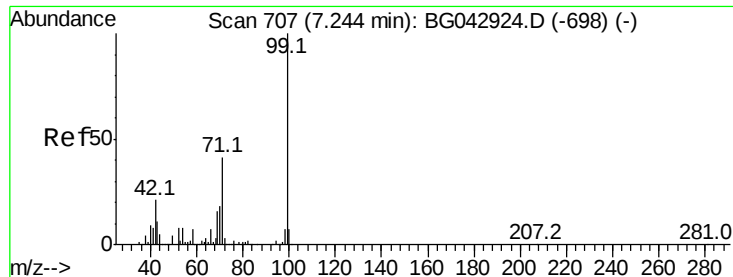
2-Fluorophenol
Concen: 130.189 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.6	84.8
63	38.9	35.1	52.7



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: 124.618 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

Instrument :

BNA_G

ClientSampleId :

WC-11-091919

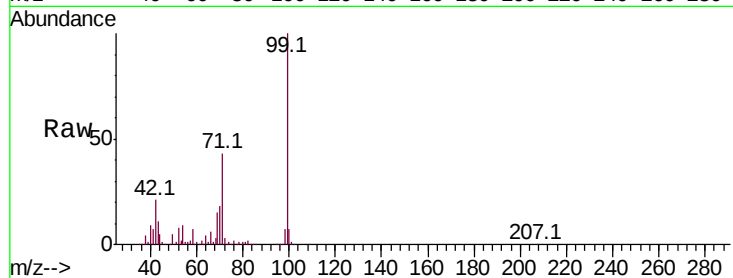
Tot Ion: 99 Resp: 767443

Ion Ratio Lower Upper

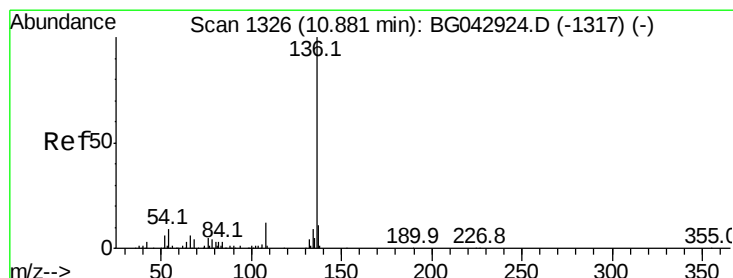
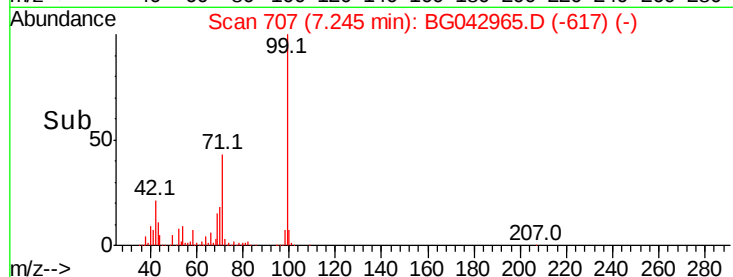
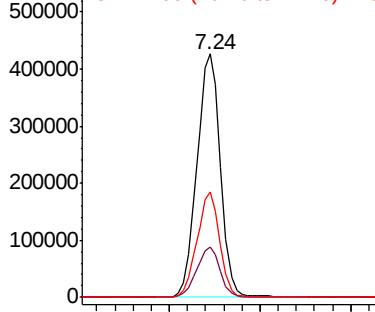
99 100

42 20.8 17.2 25.8

71 43.5 33.1 49.7



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: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

Tgt Ion: 136 Resp: 268022

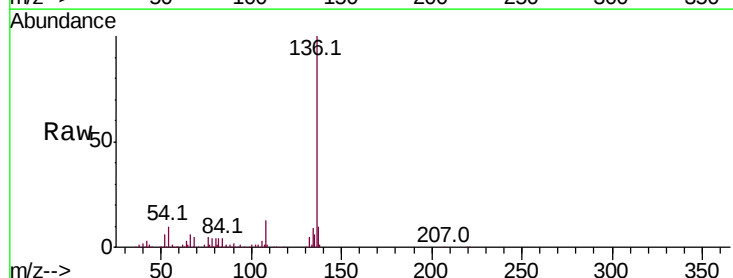
Ion Ratio Lower Upper

136 100

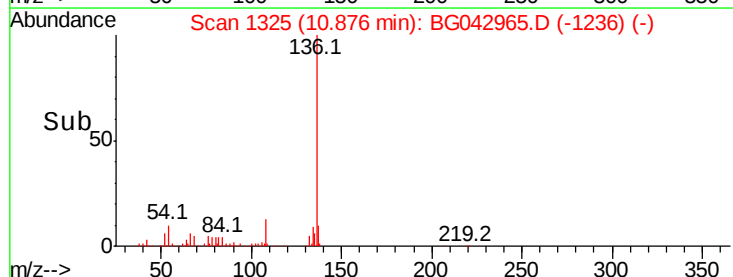
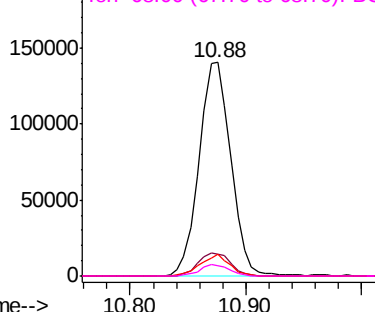
137 10.3 8.5 12.7

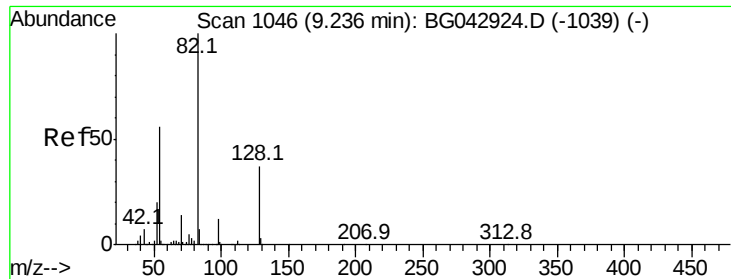
54 10.1 7.4 11.2

68 4.9 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

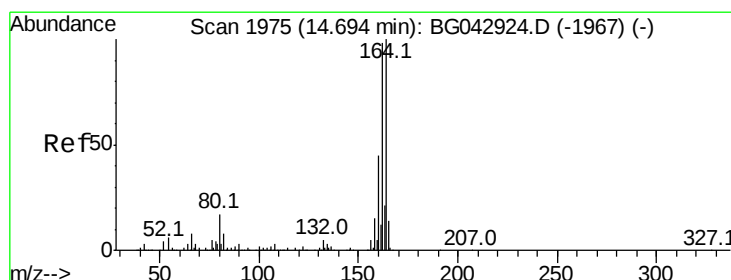
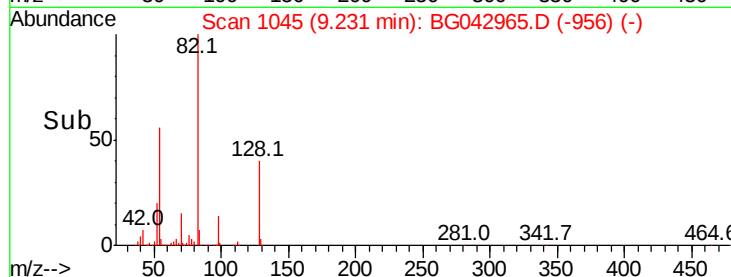
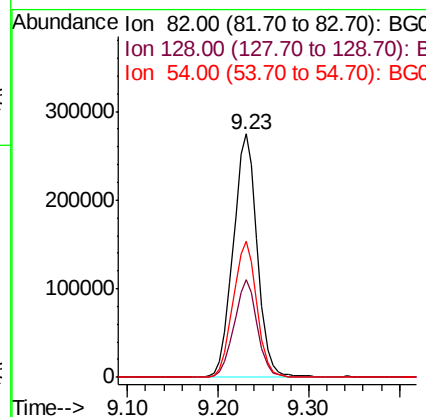
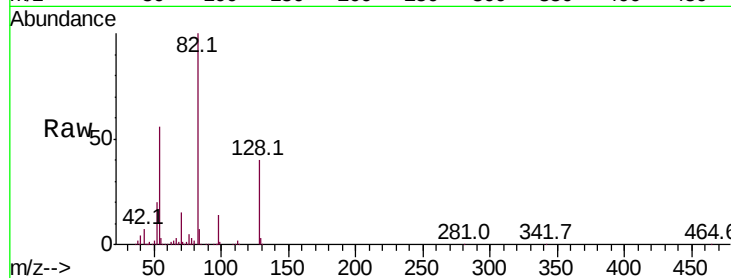




#23
 Nitrobenzene-d5
 Concen: 91.918 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042965.D
 Acq: 1 Oct 2019 6:24

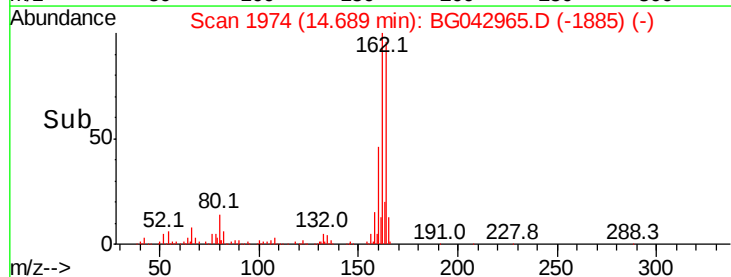
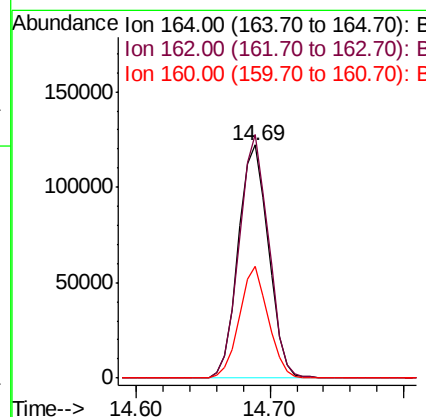
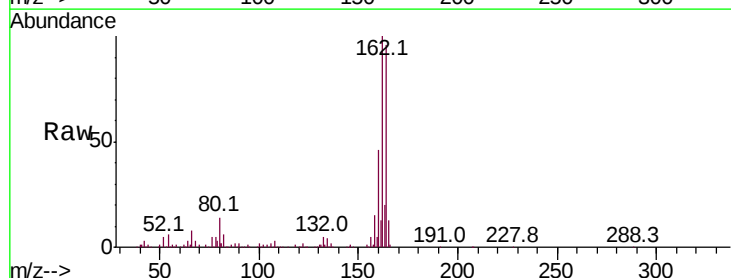
Instrument :
 BNA_G
 ClientSampleId :
 WC-11-091919

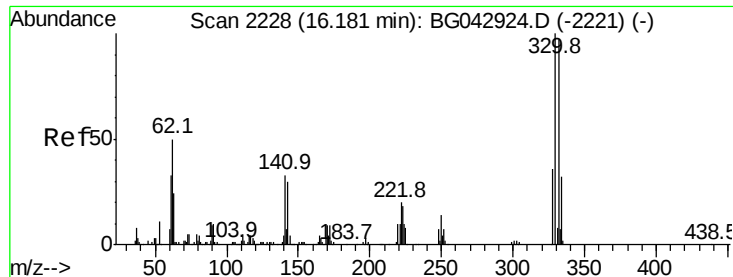
Tot Ion	82	Resp	506860
Ion Ratio	Lower	Upper	
82	100		
128	40.2	29.5	44.3
54	55.8	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042965.D
 Acq: 1 Oct 2019 6:24

Tgt Ion	164	Resp	192698
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.5	117.7
160	47.8	35.9	53.9

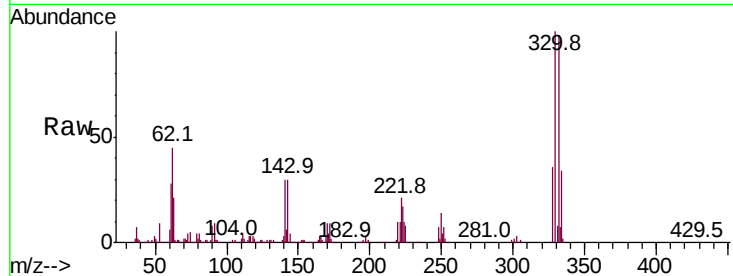




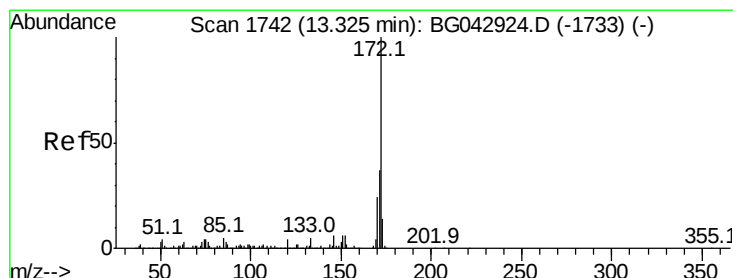
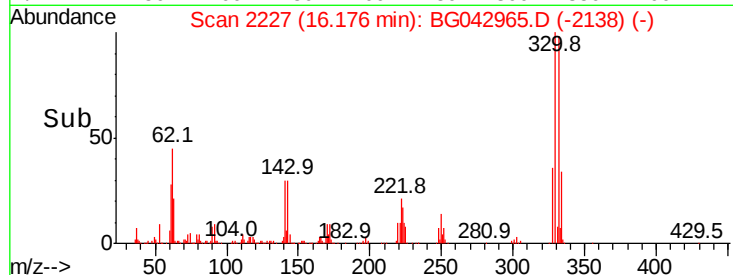
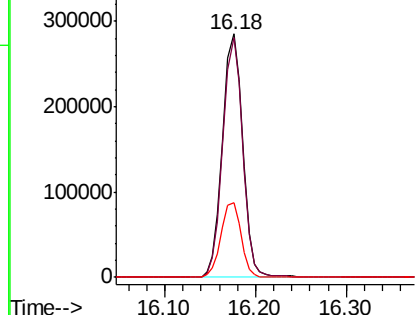
#42
 2,4,6-Tribromophenol
 Concen: 133.910 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042965.D
 Acq: 1 Oct 2019 6:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-11-091919

Tot Ion:330 Resp: 443718
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 30.4 26.0 39.0

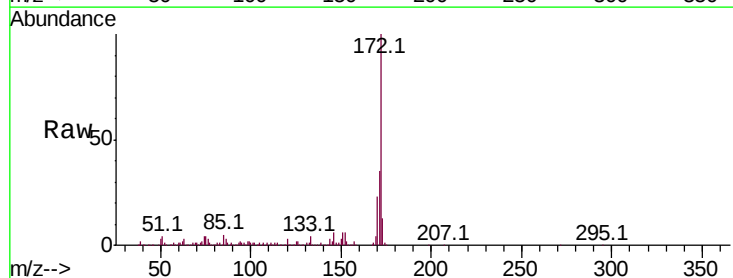


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

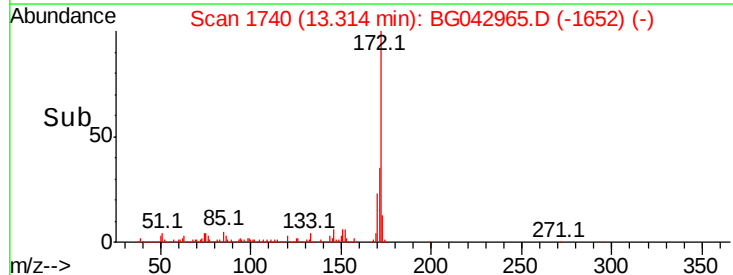
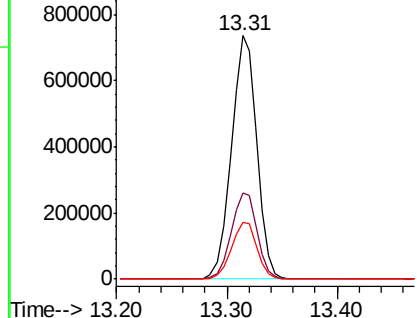


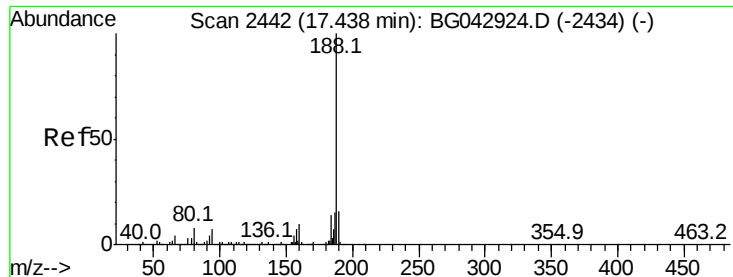
#45
 2-Fluorobiphenyl
 Concen: 88.980 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG042965.D
 Acq: 1 Oct 2019 6:24

Tgt Ion:172 Resp: 1182741
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.3 19.6 29.4



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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

Instrument :

BNA_G

ClientSampleId :

WC-11-091919

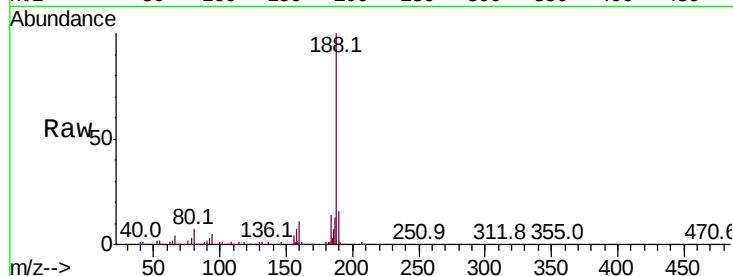
Tot Ion:188 Resp: 461608

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

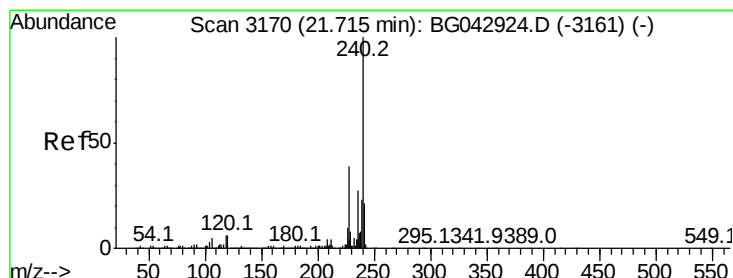
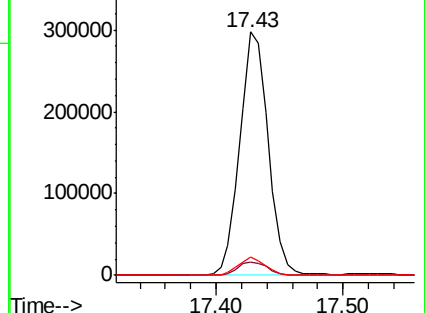
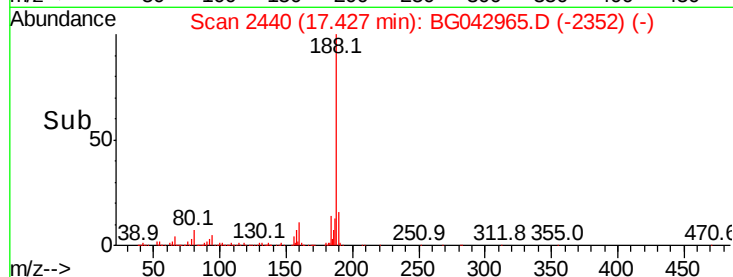
80 7.4 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

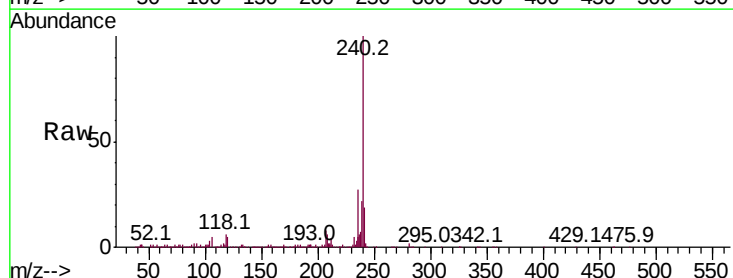
Tgt Ion:240 Resp: 513070

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

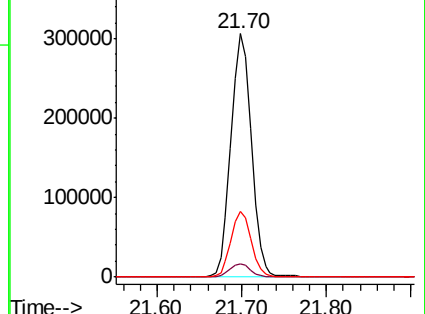
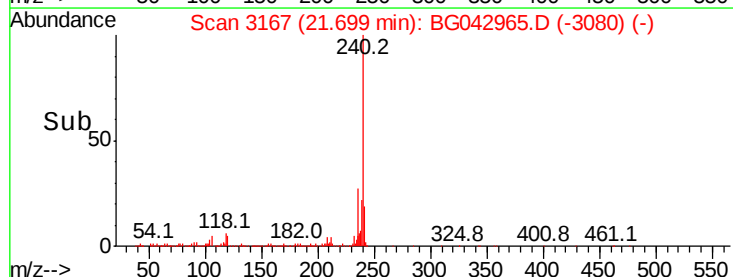
236 26.8 21.4 32.0

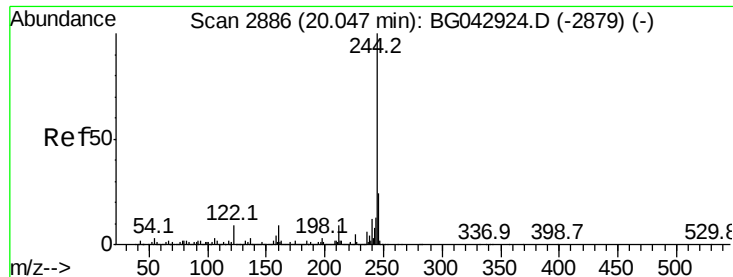


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.565 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

Instrument :

BNA_G

ClientSampleId :

WC-11-091919

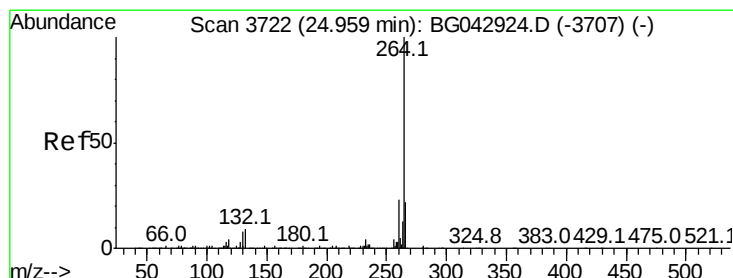
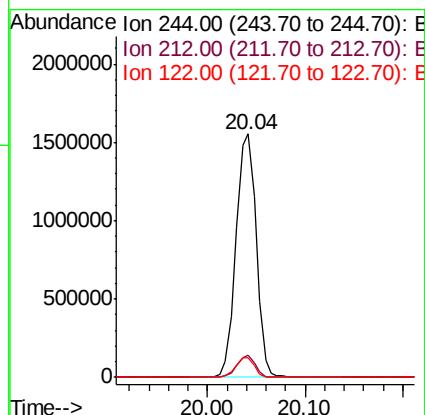
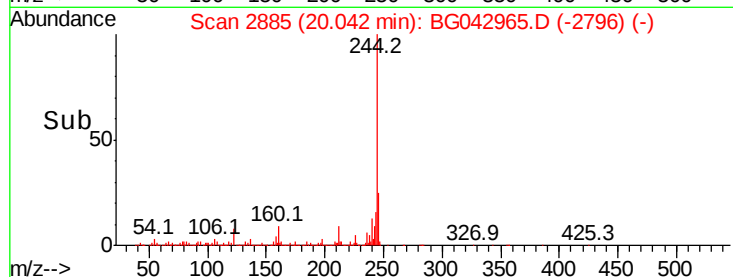
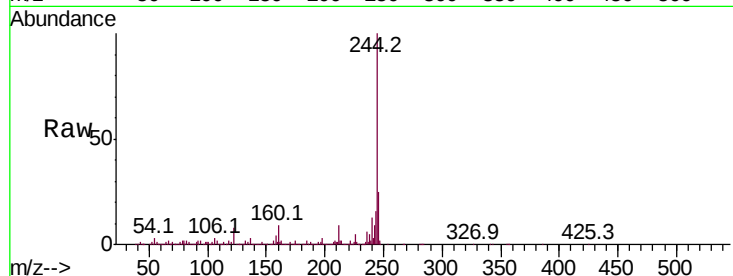
Tot Ion:244 Resp: 2228764

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

122 7.8 7.0 10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG042965.D

Acq: 1 Oct 2019 6:24

Tgt Ion:264 Resp: 584476

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.7 17.7 26.5

