

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042962.D
 Acq On : 1 Oct 2019 4:29
 Operator : JU
 Sample : K4657-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419

Quant Time: Oct 01 08:14:33 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

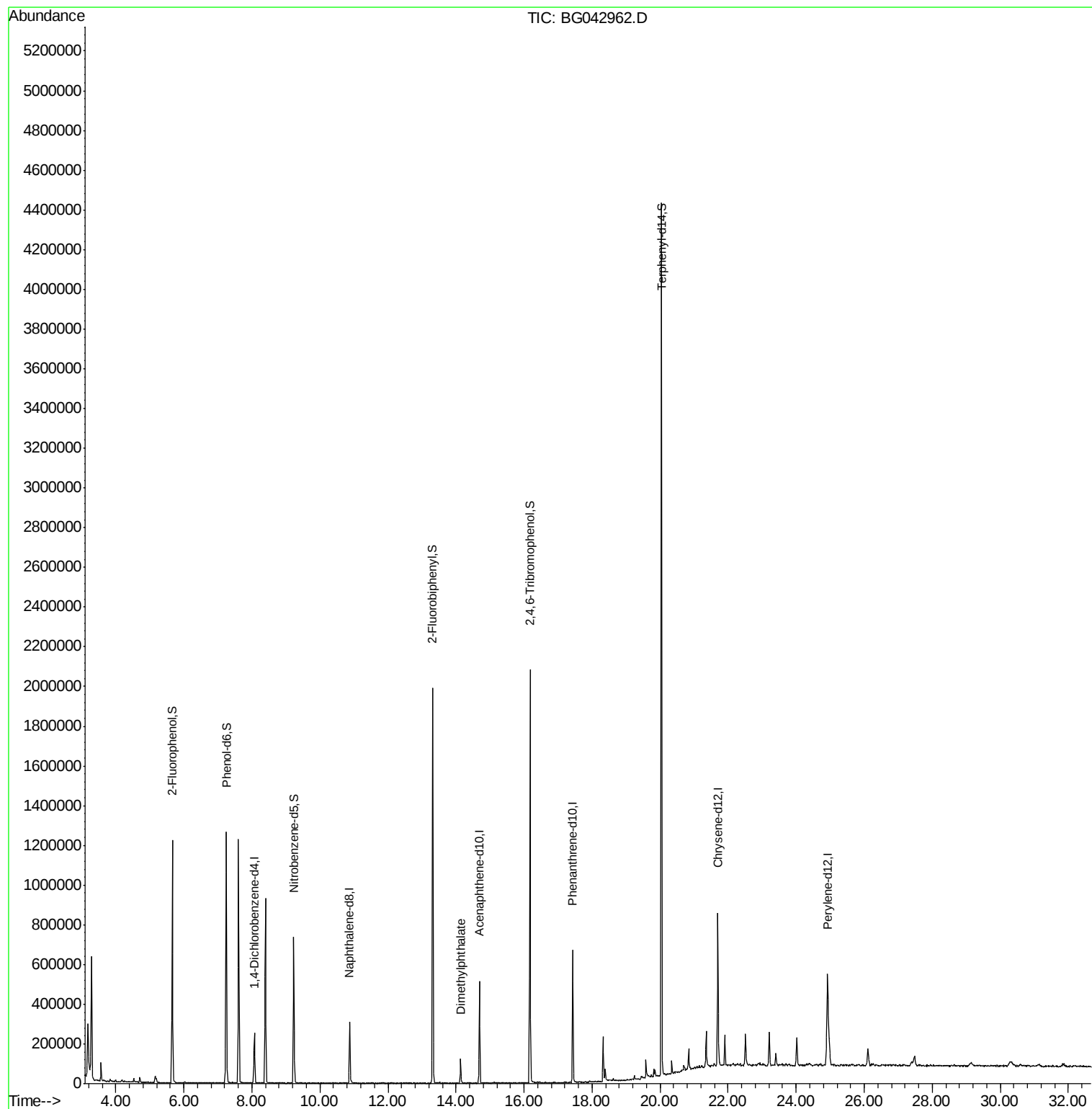
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68801	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	253603	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	180645	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431945	20.00	ng	0.00
76) Chrysene-d12	21.70	240	469479	20.00	ng	-0.02
87) Perylene-d12	24.92	264	546168	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	491052	127.37	ng	0.00
7) Phenol-d6	7.24	99	694310	125.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	447303	85.73	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	413573	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1082994	86.91	ng	-0.01
79) Terphenyl-d14	20.04	244	2090147	94.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	82973	6.130	ng	Qvalue 98

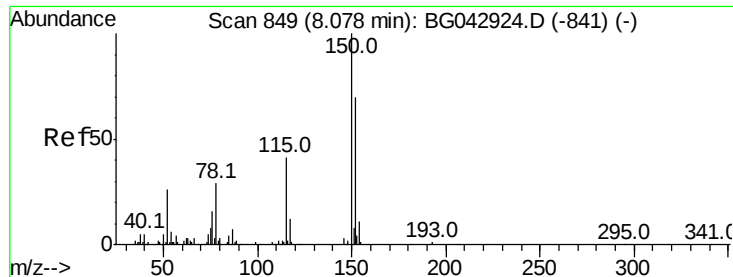
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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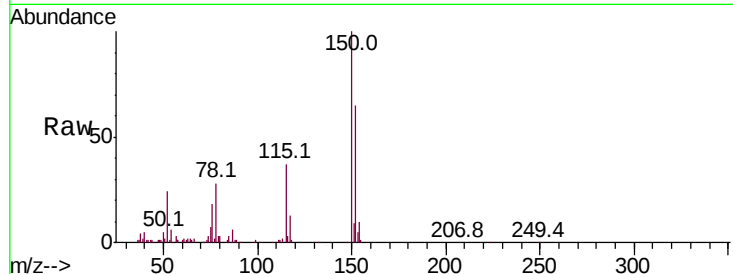


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042962.D
Acq: 1 Oct 2019 4:29

Instrument :
BNA_G
ClientSampleId :
BU-02-092419

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	115.0	172.4
115	57.2	47.0	70.6

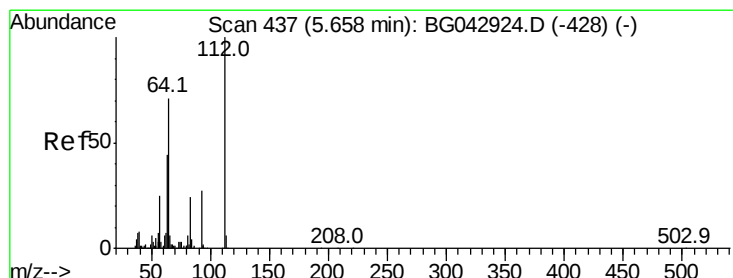
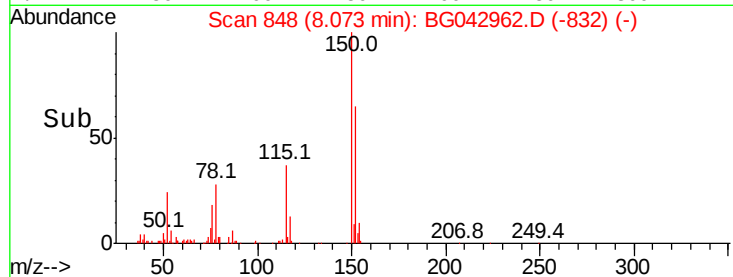
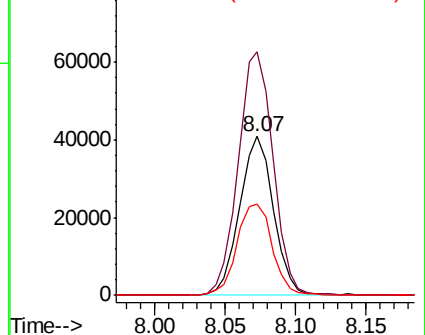


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

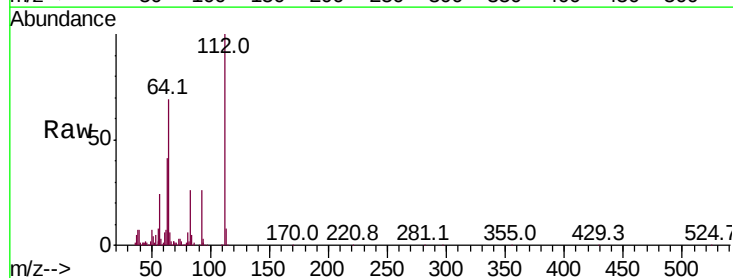
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.373 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG042962.D
Acq: 1 Oct 2019 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.6	84.8
63	41.3	35.1	52.7

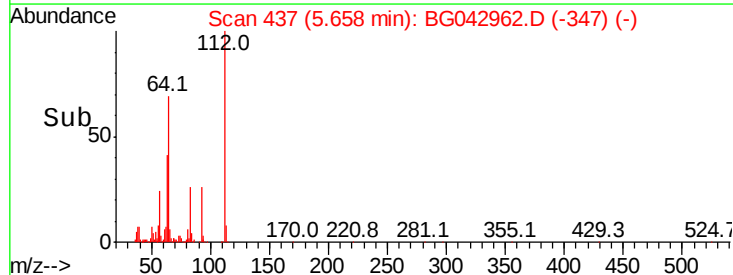
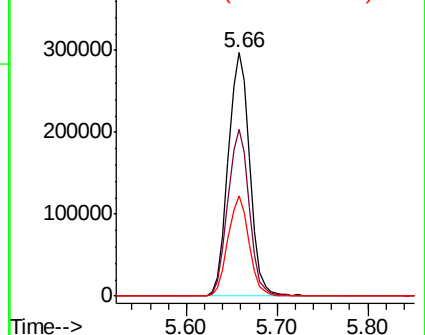


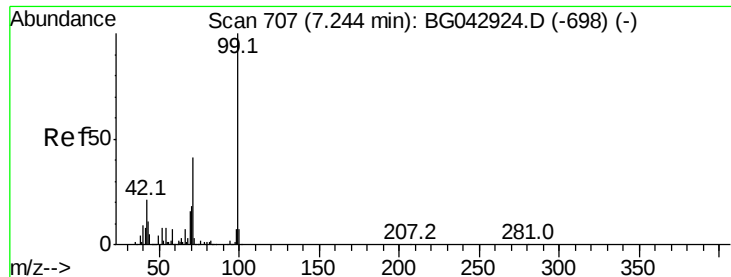
Abundance

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: 125.062 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042962.D

Acq: 1 Oct 2019 4:29

Instrument :

BNA_G

ClientSampleId :

BU-02-092419

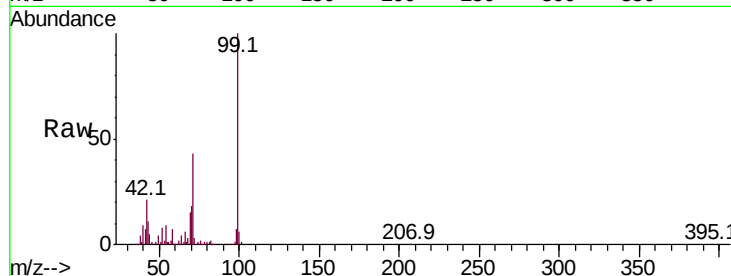
Tot Ion: 99 Resp: 694310

Ion Ratio Lower Upper

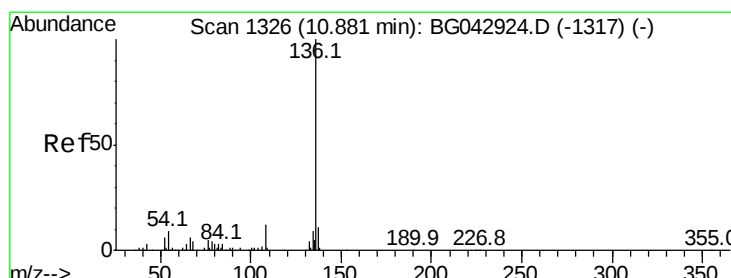
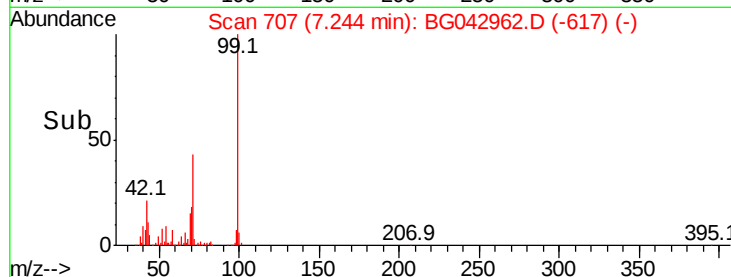
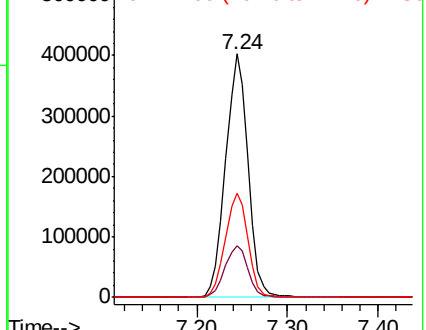
99 100

42 21.0 17.2 25.8

71 42.8 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: BG042962.D

Acq: 1 Oct 2019 4:29

Tgt Ion: 136 Resp: 253603

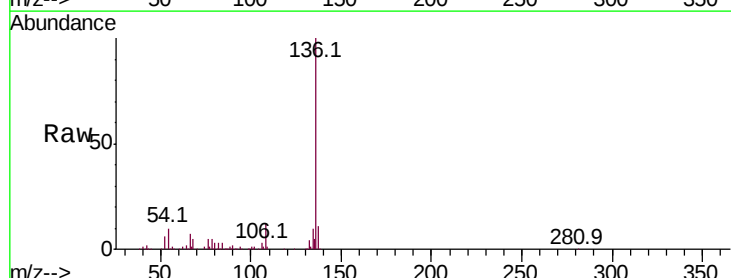
Ion Ratio Lower Upper

136 100

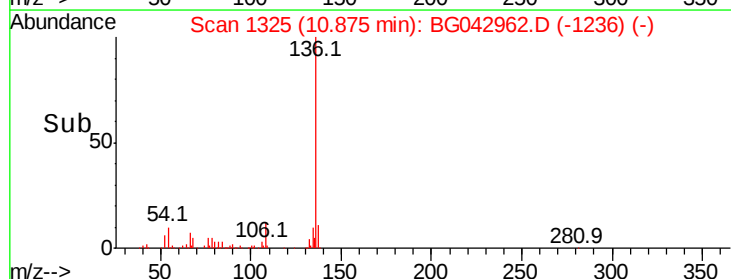
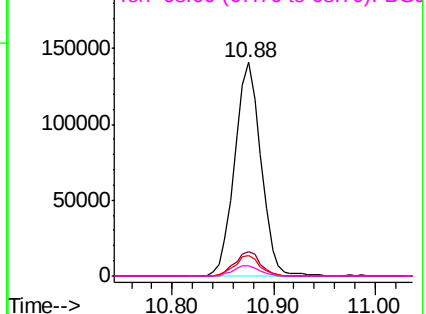
137 11.4 8.5 12.7

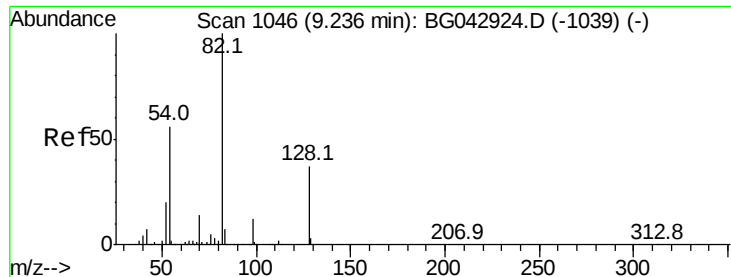
54 9.9 7.4 11.2

68 4.7 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

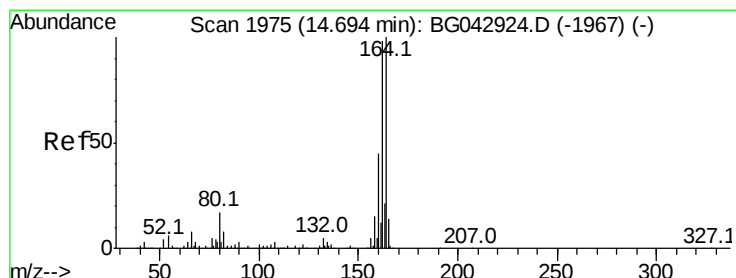
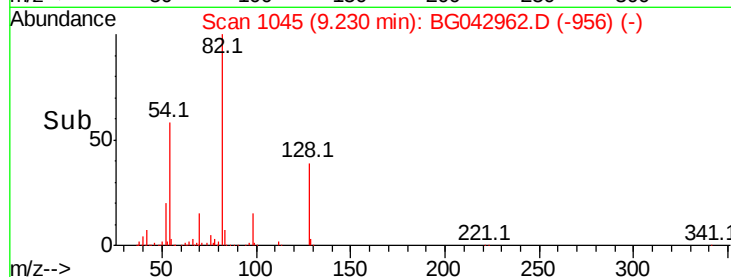
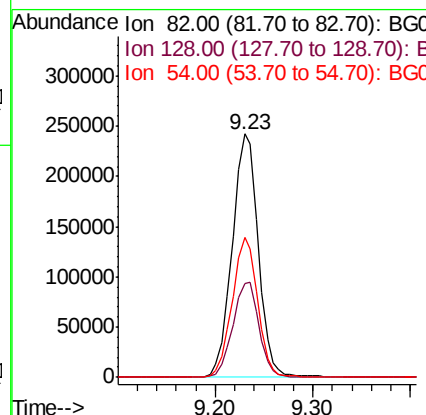
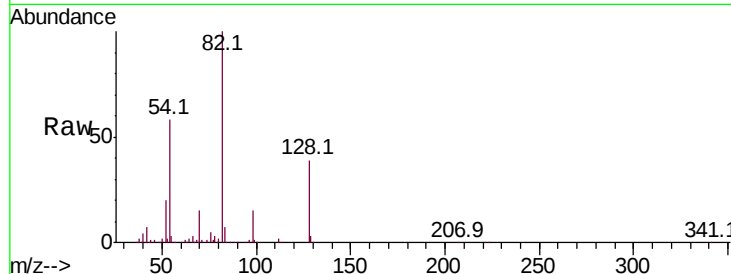




#23
 Nitrobenzene-d5
 Concen: 85.729 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042962.D
 Acq: 1 Oct 2019 4:29

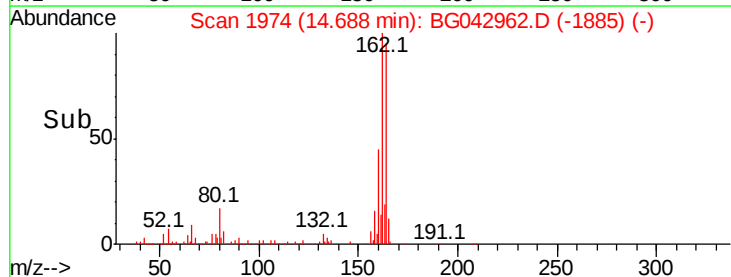
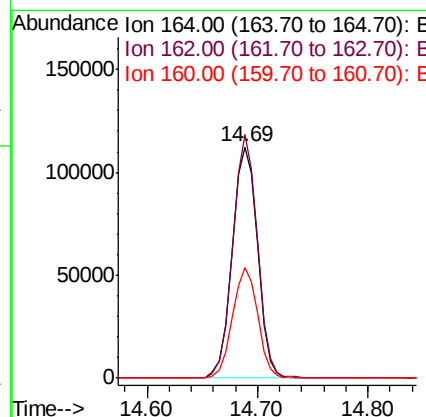
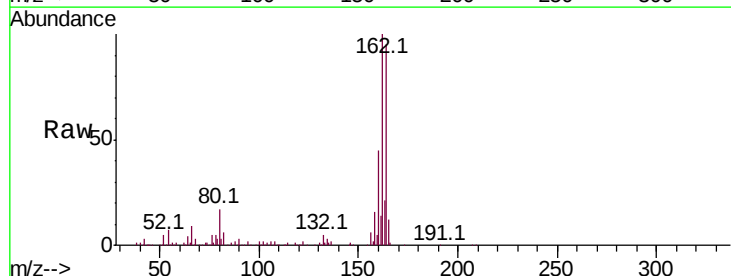
Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419

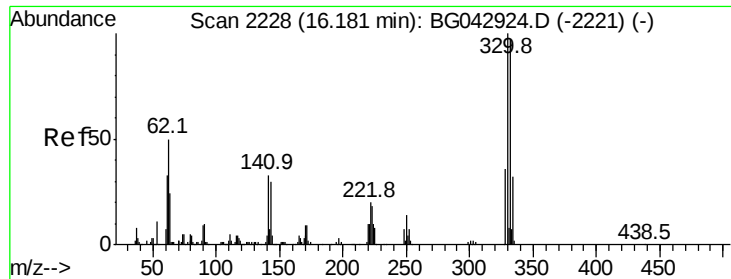
Tot Ion	82	Resp	447303
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.5	44.3
54	57.5	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042962.D
 Acq: 1 Oct 2019 4:29

Tgt Ion	164	Resp	180645
Ion Ratio	Lower	Upper	
164	100		
162	105.5	78.5	117.7
160	47.9	35.9	53.9

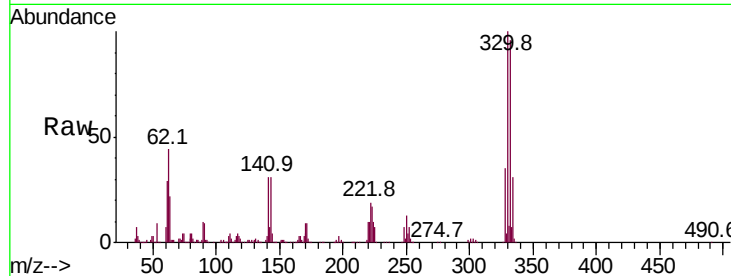




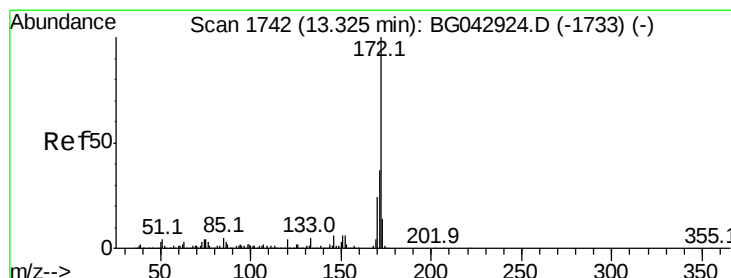
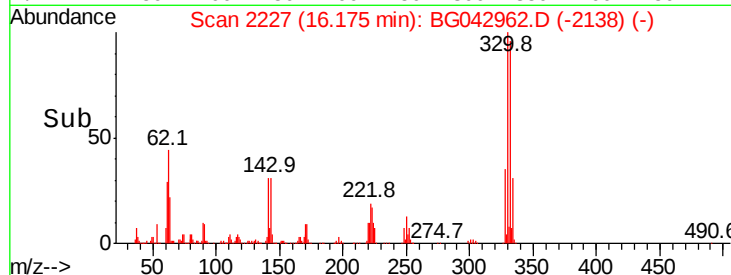
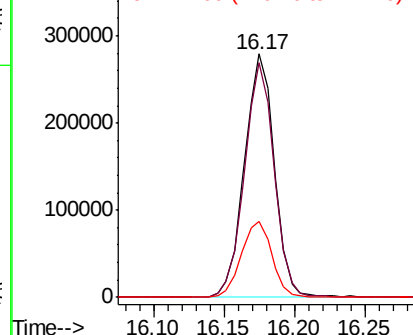
#42
2,4,6-Tribromophenol
Concen: 133.140 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042962.D
Acq: 1 Oct 2019 4:29

Instrument :
BNA_G
ClientSampleId :
BU-02-092419

Tot Ion:330 Resp: 413573
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 32.0 26.0 39.0

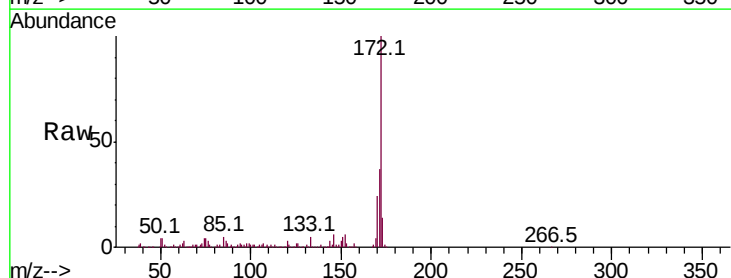


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

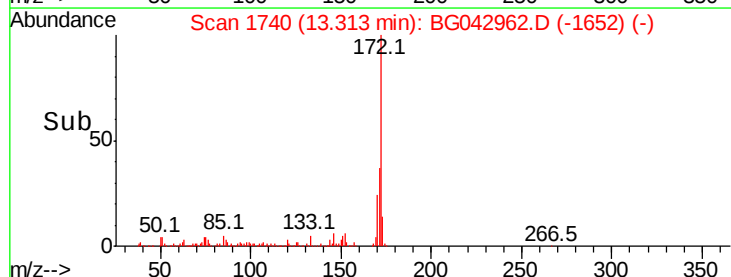
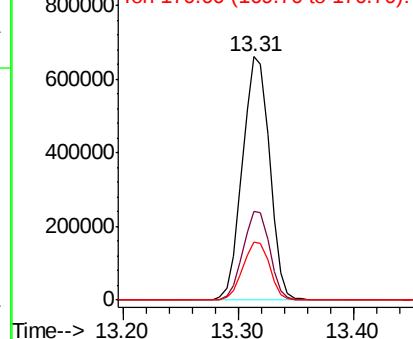


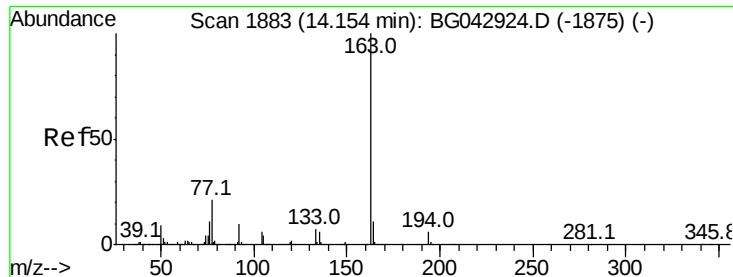
#45
2-Fluorobiphenyl
Concen: 86.912 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042962.D
Acq: 1 Oct 2019 4:29

Tgt Ion:172 Resp: 1082994
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.9 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





#50

Dimethylphthalate

Concen: 6.130 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG042962.D

Acq: 1 Oct 2019 4:29

Instrument :

BNA_G

ClientSampleId :

BU-02-092419

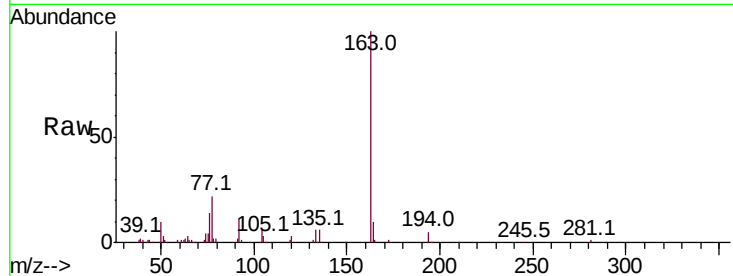
Tot Ion:163 Resp: 82973

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

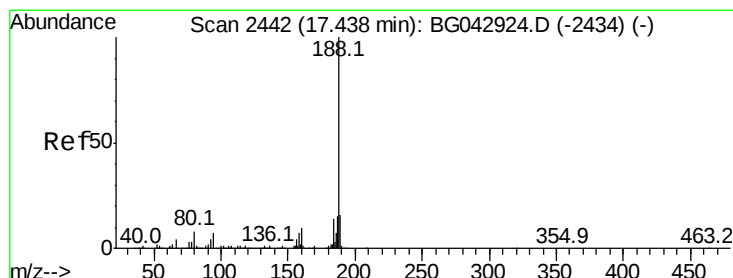
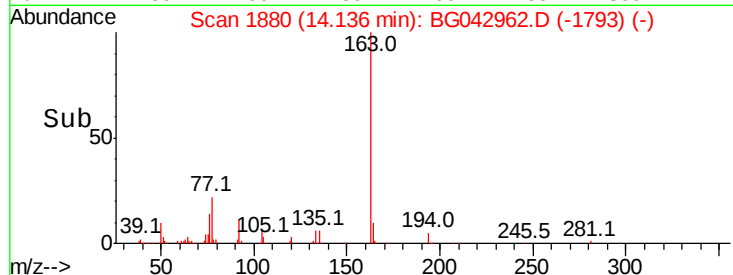
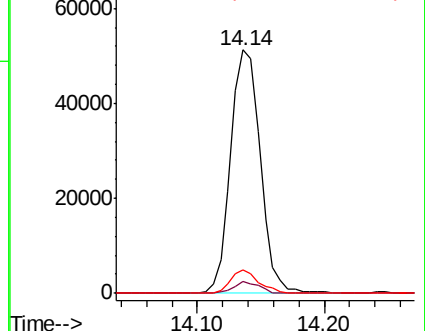
164 9.8 8.6 12.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042962.D

Acq: 1 Oct 2019 4:29

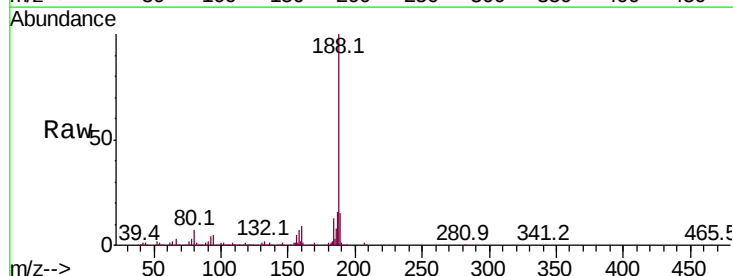
Tgt Ion:188 Resp: 431945

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

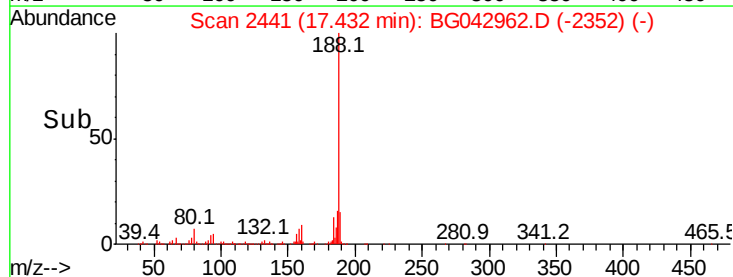
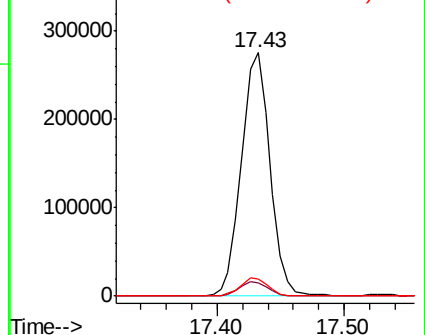
80 7.0 6.5 9.7

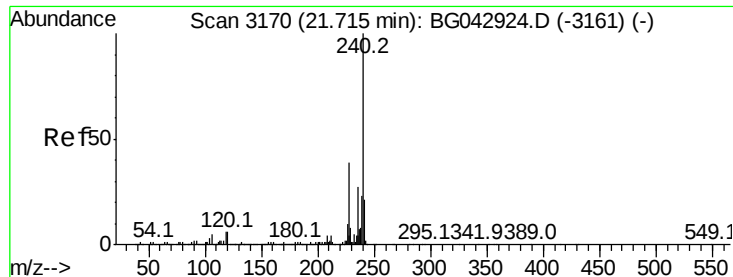


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG042962.D

Acq: 1 Oct 2019 4:29

Instrument :

BNA_G

ClientSampleId :

BU-02-092419

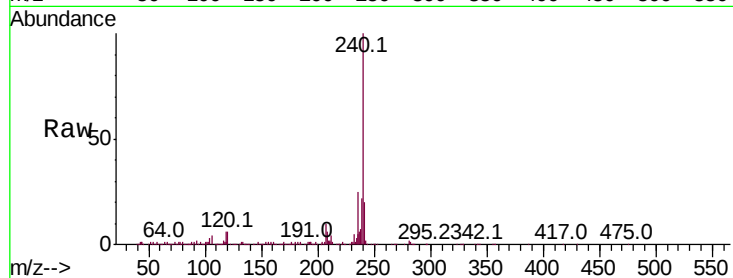
Tot Ion:240 Resp: 469479

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

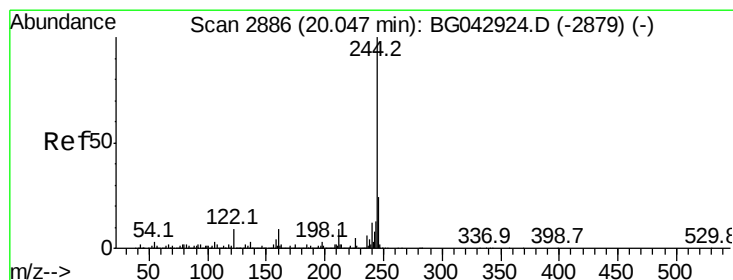
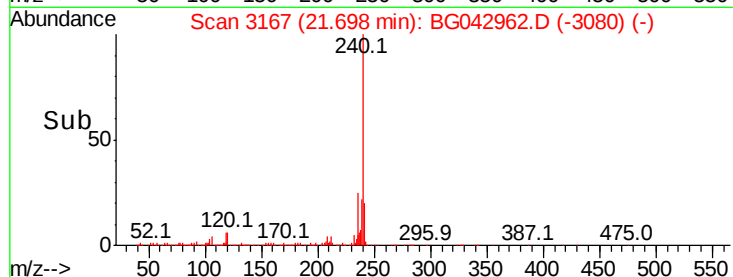
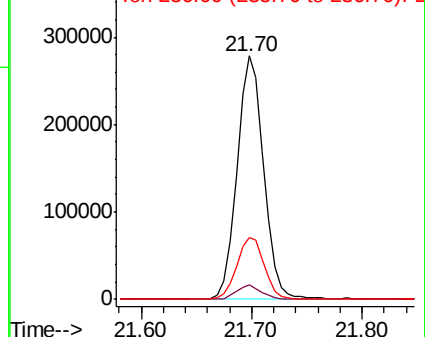
236 25.4 21.4 32.0



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: 94.868 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042962.D

Acq: 1 Oct 2019 4:29

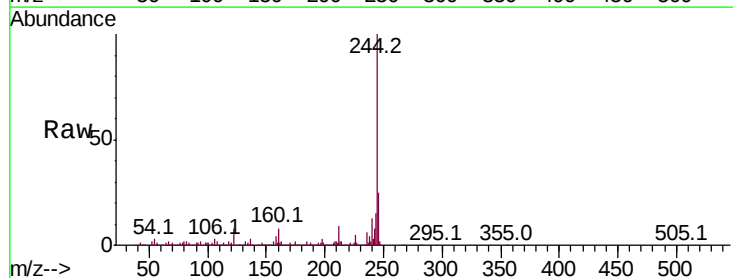
Tgt Ion:244 Resp: 2090147

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

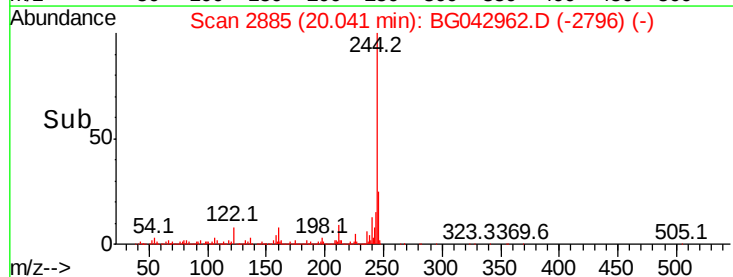
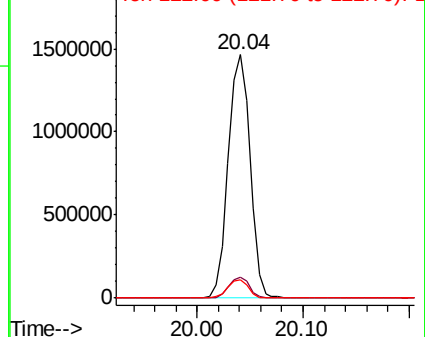
122 7.6 7.0 10.4

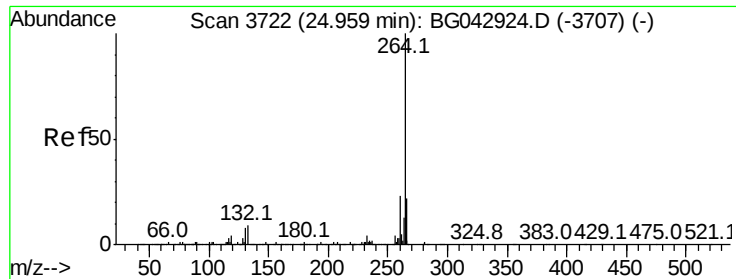


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.04 min
 Lab File: BG042962.D
 Acq: 1 Oct 2019 4:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.5	17.7	26.5

