

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043784.D
 Acq On : 27 Nov 2019 00:32
 Operator : JU
 Sample : K5667-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-112519

Quant Time: Nov 27 04:01:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31882	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157305	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	147111	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	576889	20.00	ng	0.00
76) Chrysene-d12	21.65	240	829041	20.00	ng	-0.02
87) Perylene-d12	24.83	264	800538	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	324575	183.02	ng	0.00
7) Phenol-d6	7.18	99	483422	187.52	ng	0.00
23) Nitrobenzene-d5	9.18	82	275237	96.20	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	347868	196.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	735450	82.18	ng	-0.01
79) Terphenyl-d14	20.01	244	2966602	80.86	ng	0.00

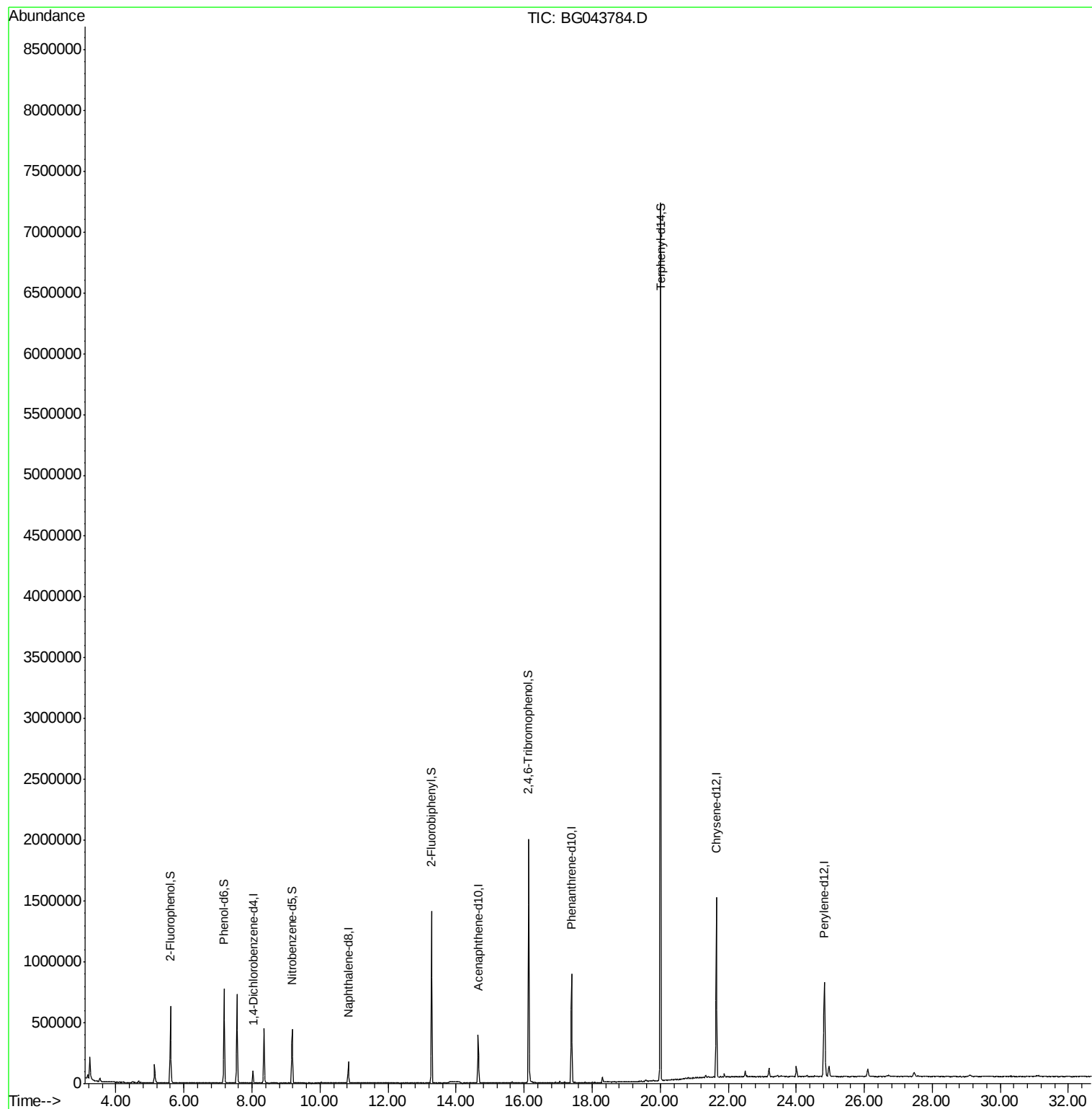
Target Compounds Qvalue

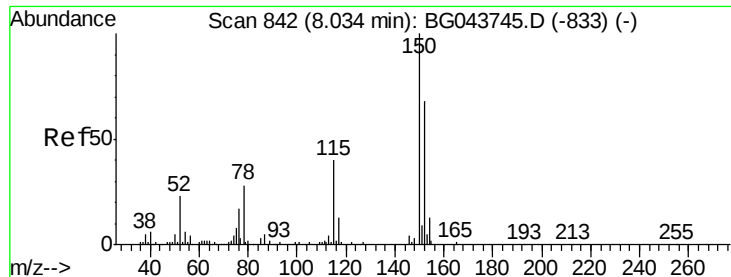
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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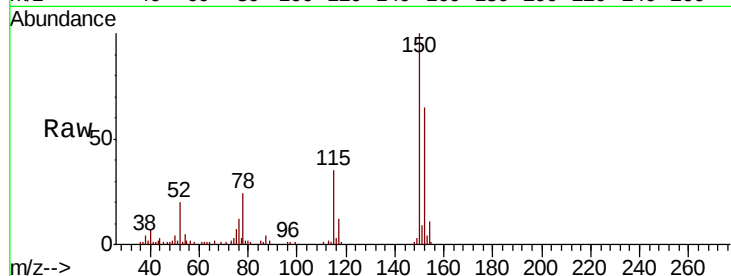


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043784.D
Acq: 27 Nov 2019 00:32

Instrument :
BNA_G
ClientSampleId :
NB-07-112519

Tot Ion	152	Resp	31882
Ion Ratio	Lower	Upper	
152	100		
150	153.4	117.8	176.8
115	54.0	47.0	70.4

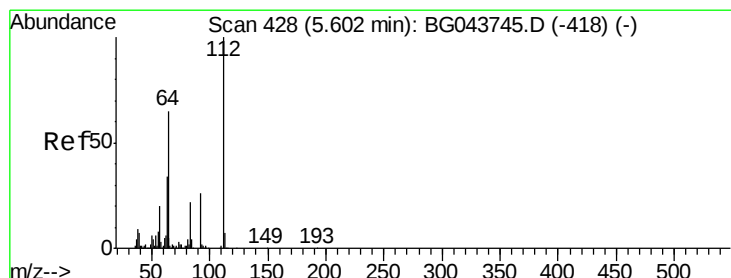
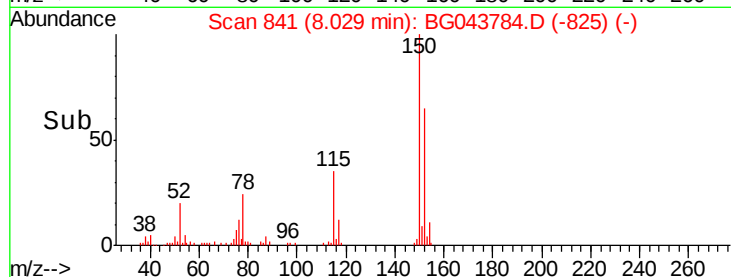
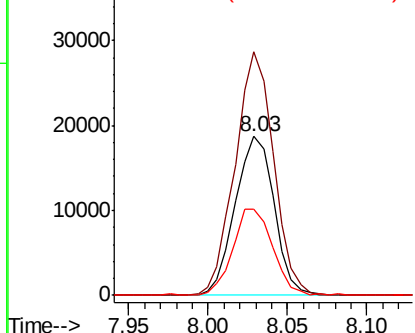


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

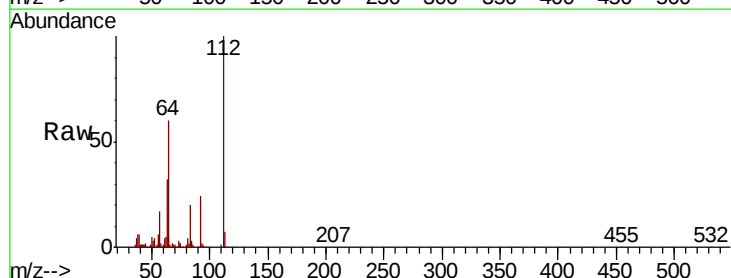
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 183.023 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043784.D
Acq: 27 Nov 2019 00:32

Tgt Ion	112	Resp	324575
Ion Ratio	Lower	Upper	
112	100		
64	60.5	51.7	77.5
63	31.5	26.8	40.2

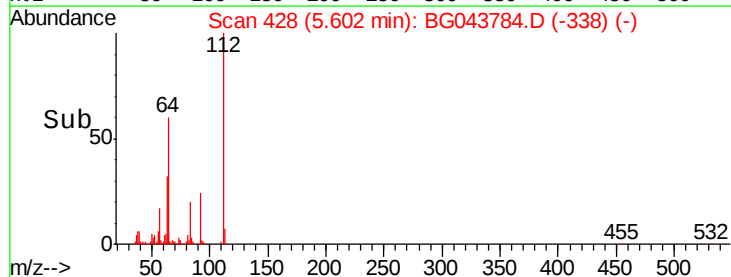
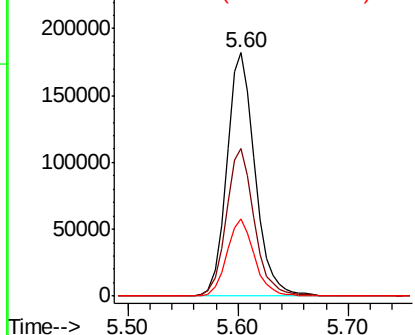


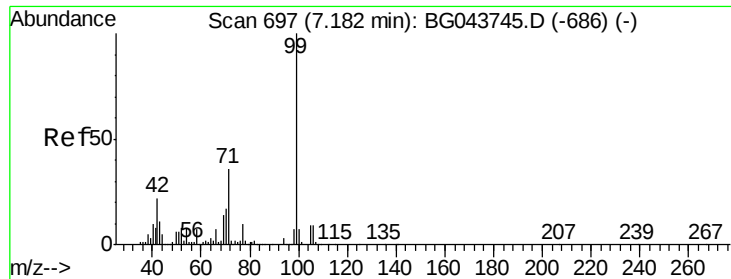
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 187.522 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

Instrument :

BNA_G

ClientSampleId :

NB-07-112519

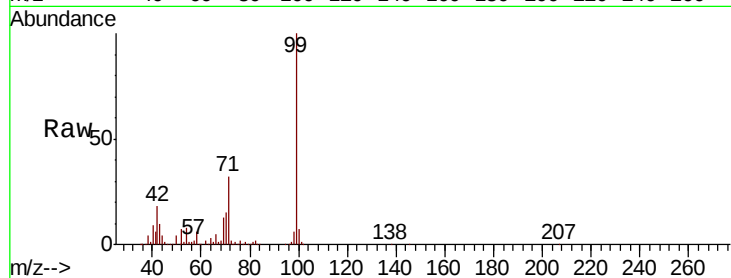
Tot Ion: 99 Resp: 483422

Ion Ratio Lower Upper

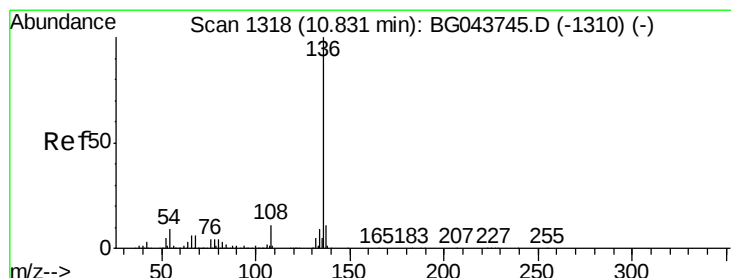
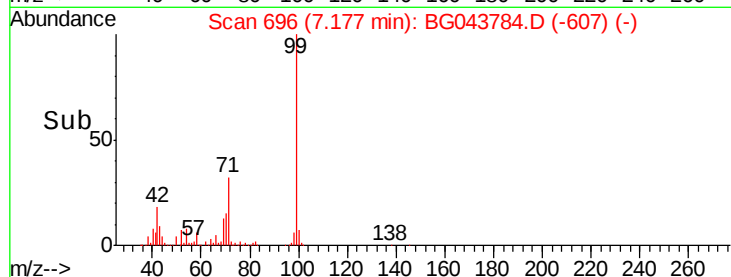
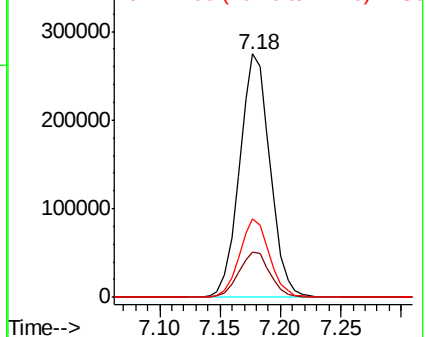
99 100

42 18.4 17.4 26.0

71 32.4 29.5 44.3



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

Tgt Ion: 136 Resp: 157305

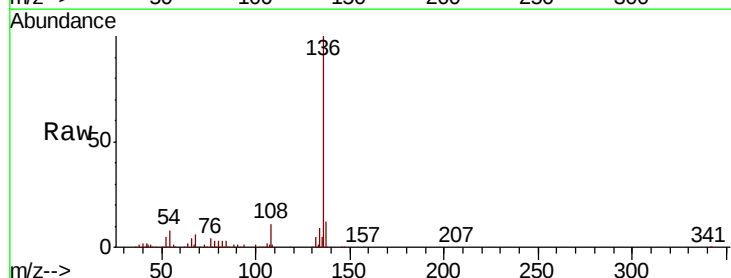
Ion Ratio Lower Upper

136 100

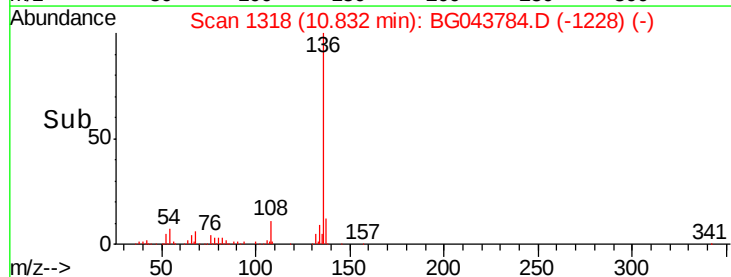
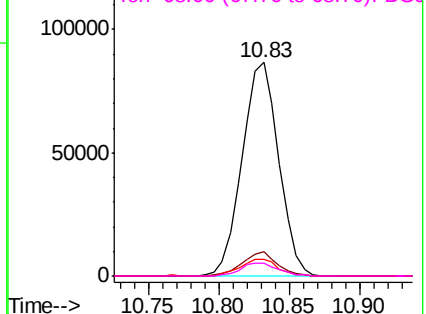
137 11.6 8.8 13.2

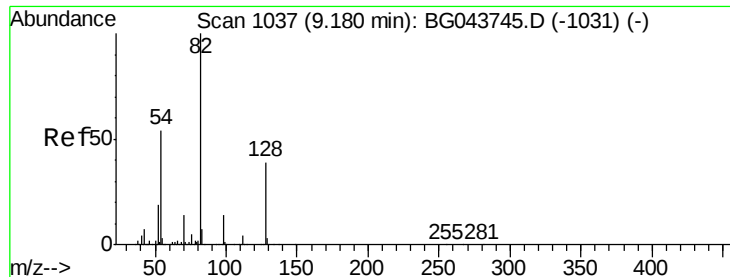
54 7.5 7.5 11.3#

68 6.2 4.9 7.3



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

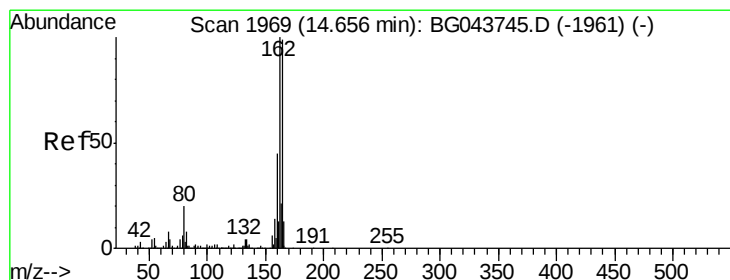
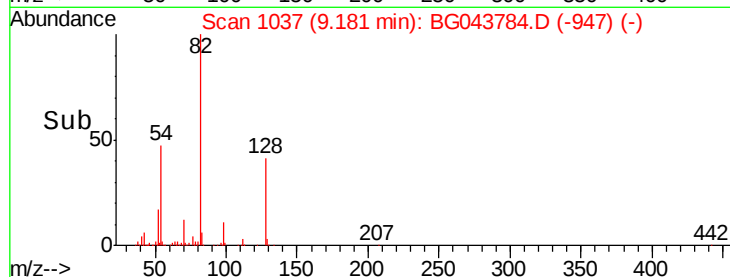
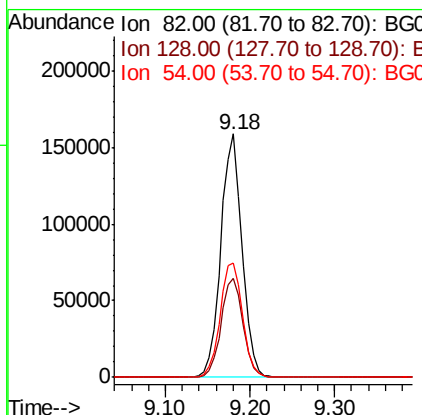
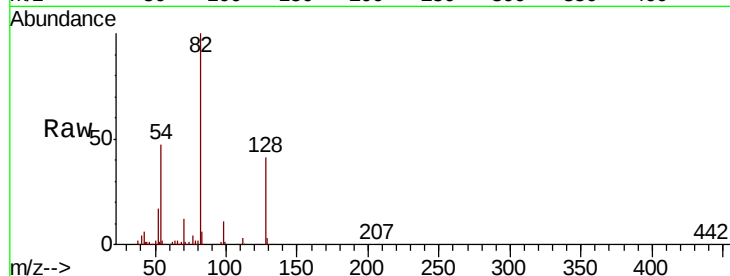




#23
 Nitrobenzene-d5
 Concen: 96.203 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043784.D
 Acq: 27 Nov 2019 00:32

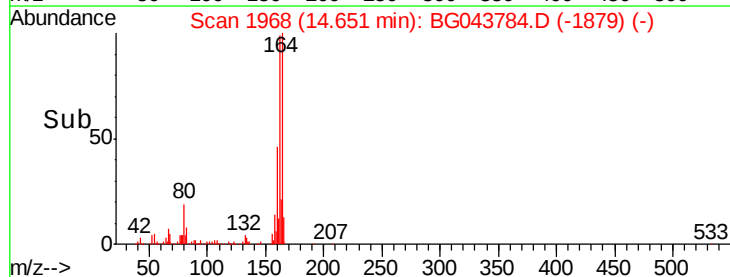
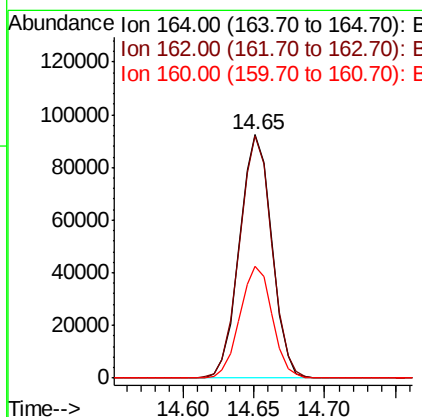
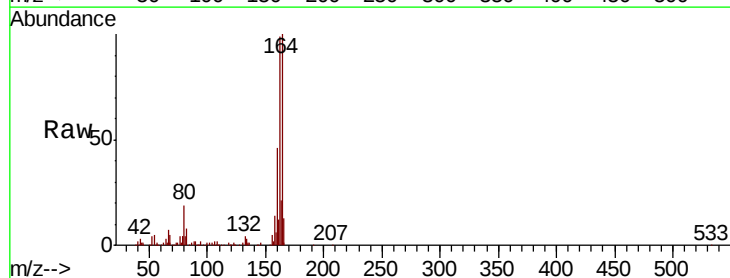
Instrument :
 BNA_G
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 NB-07-112519

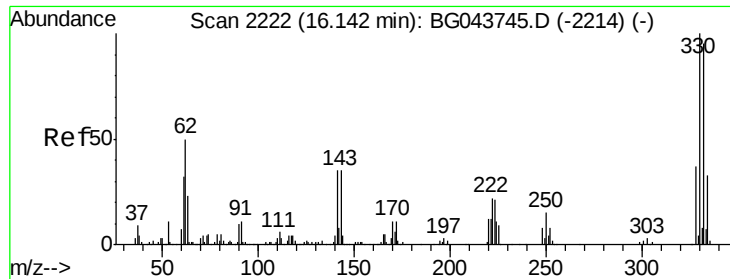
Tot Ion	82	Resp	275237
Ion Ratio	Lower	Upper	
82	100		
128	40.6	31.3	46.9
54	47.0	42.7	64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG043784.D
 Acq: 27 Nov 2019 00:32

Tgt Ion	164	Resp	147111
Ion Ratio	Lower	Upper	
164	100		
162	99.3	80.6	121.0
160	46.1	36.3	54.5

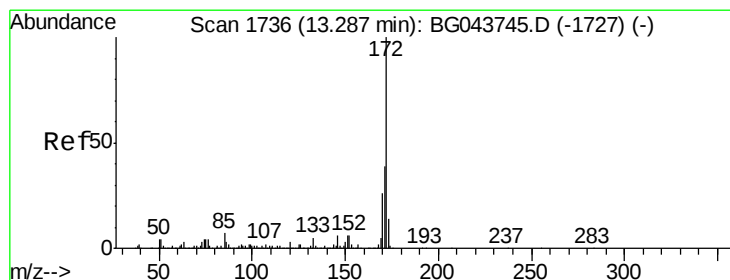
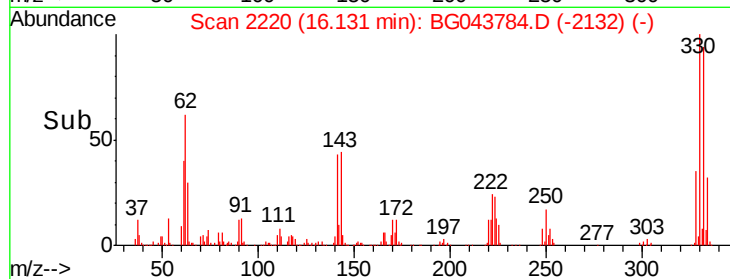
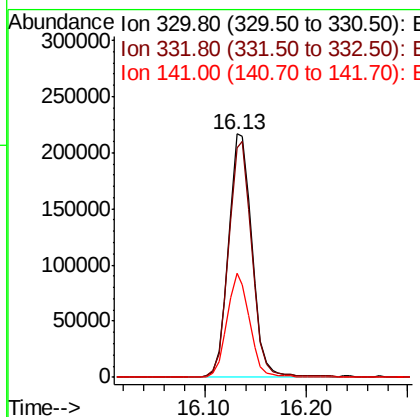
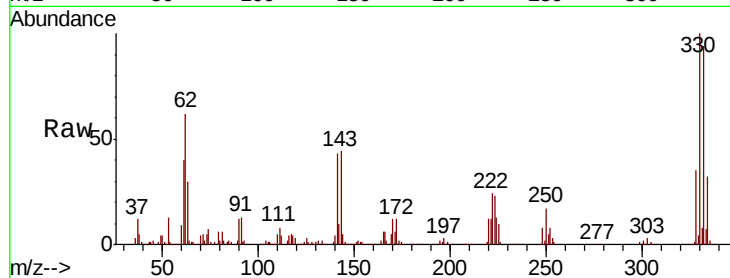




#42
 2,4,6-Tribromophenol
 Concen: 196.050 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043784.D
 Acq: 27 Nov 2019 00:32

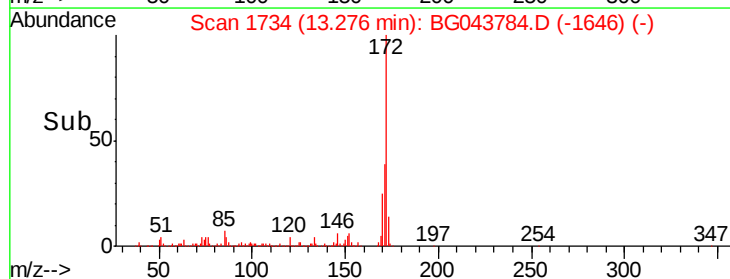
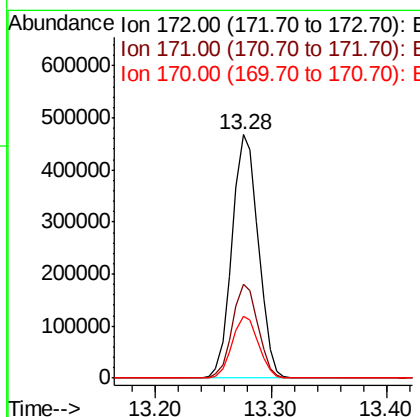
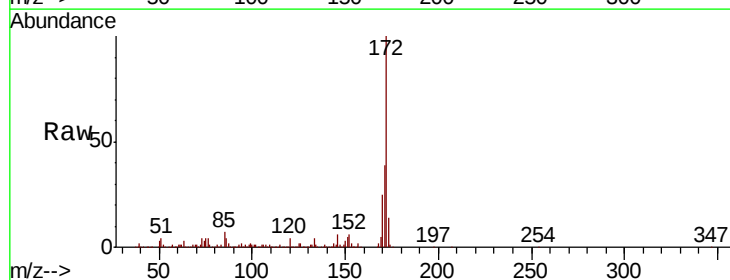
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-112519

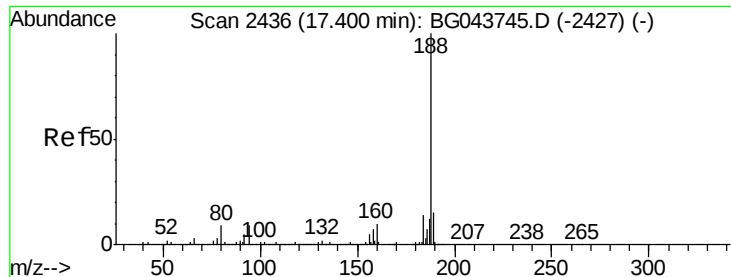
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	41.3	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 82.178 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043784.D
 Acq: 27 Nov 2019 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.6
170	25.3	21.0	31.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

Instrument :

BNA_G

ClientSampleId :

NB-07-112519

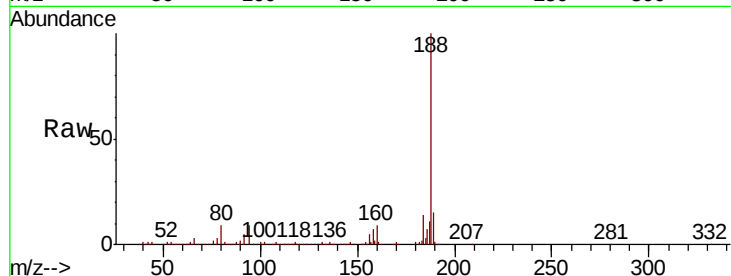
Tot Ion:188 Resp: 576889

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

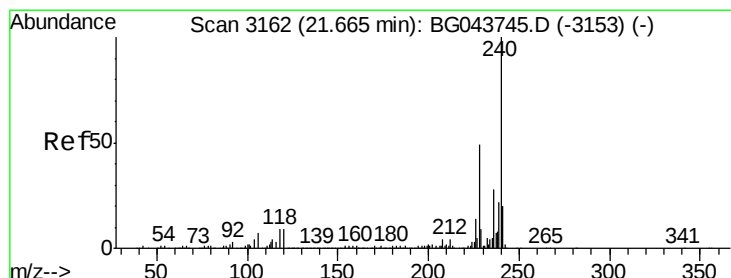
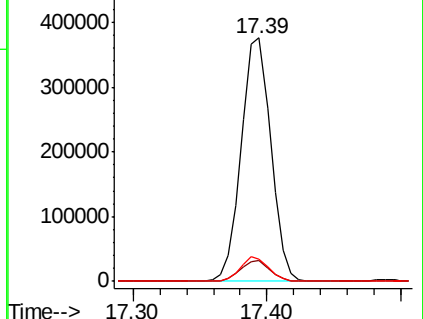
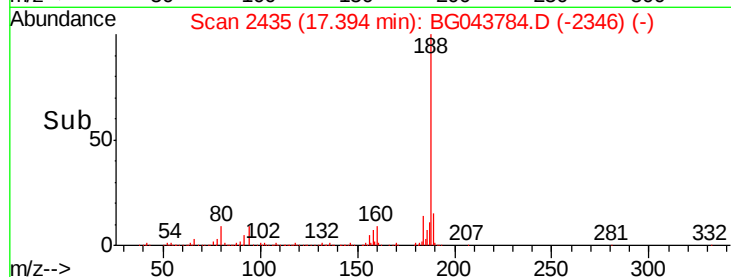
80 9.0 7.5 11.3



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: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

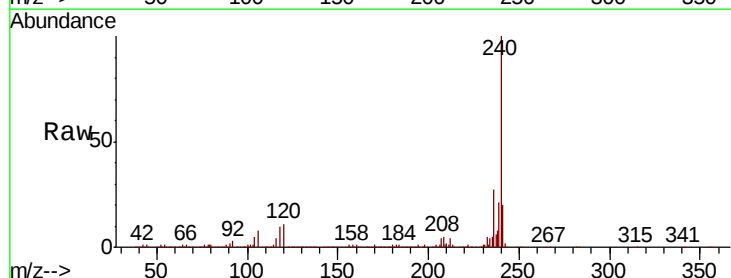
Tgt Ion:240 Resp: 829041

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

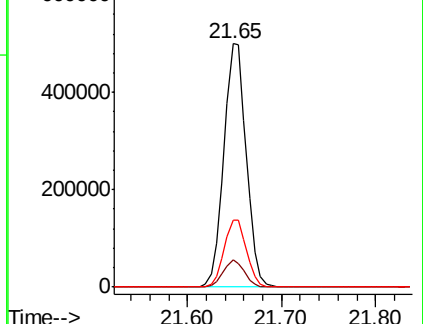
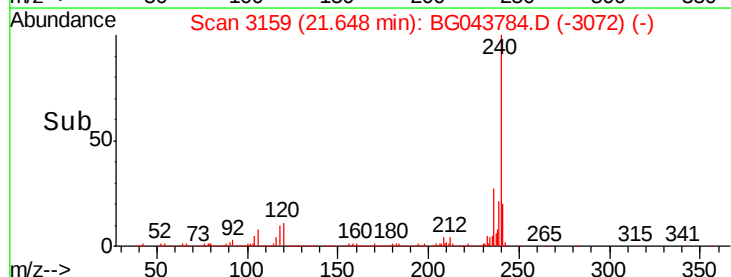
236 27.5 22.6 34.0

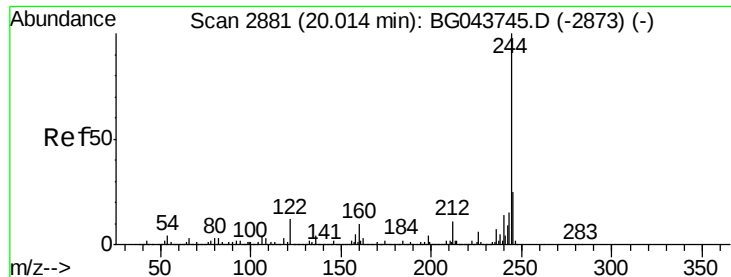


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.858 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

Instrument :

BNA_G

ClientSampleId :

NB-07-112519

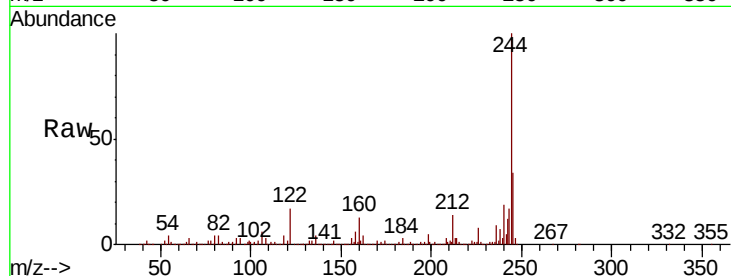
Tot Ion:244 Resp: 2966602

Ion Ratio Lower Upper

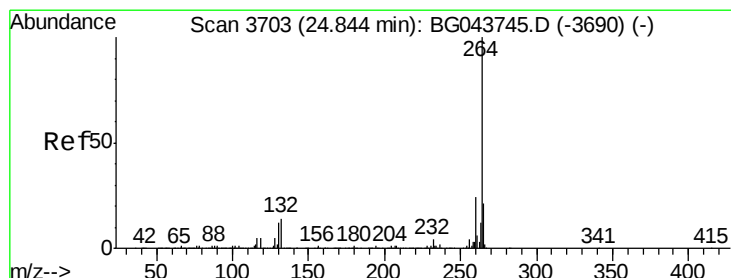
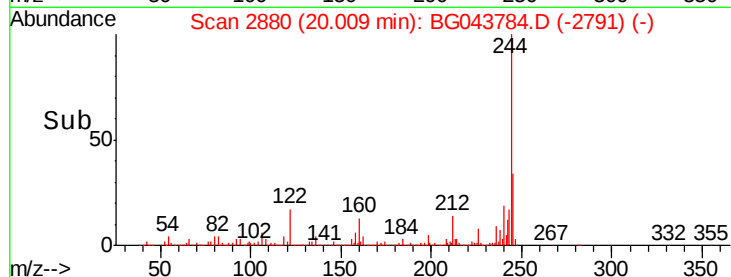
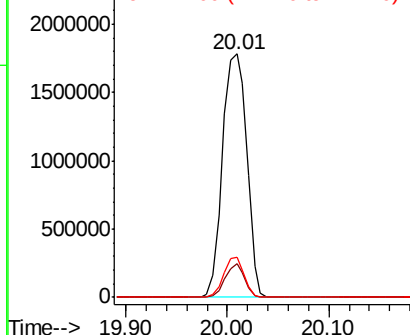
244 100

212 14.0 8.5 12.7#

122 16.7 9.5 14.3#



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: 24.83 min Scan# 3700

Delta R.T. -0.02 min

Lab File: BG043784.D

Acq: 27 Nov 2019 00:32

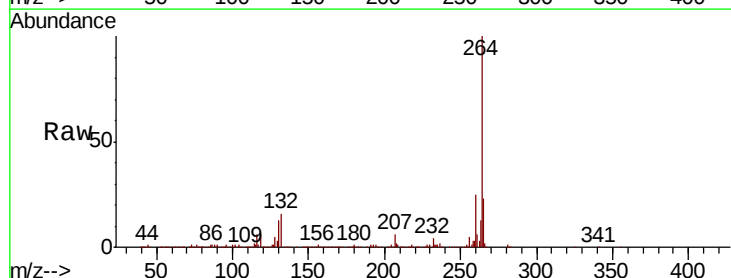
Tgt Ion:264 Resp: 800538

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 23.0 17.0 25.6



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

