

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043645.D
 Acq On : 14 Nov 2019 22:24
 Operator : JU
 Sample : K5668-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Quant Time: Nov 15 01:01:34 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

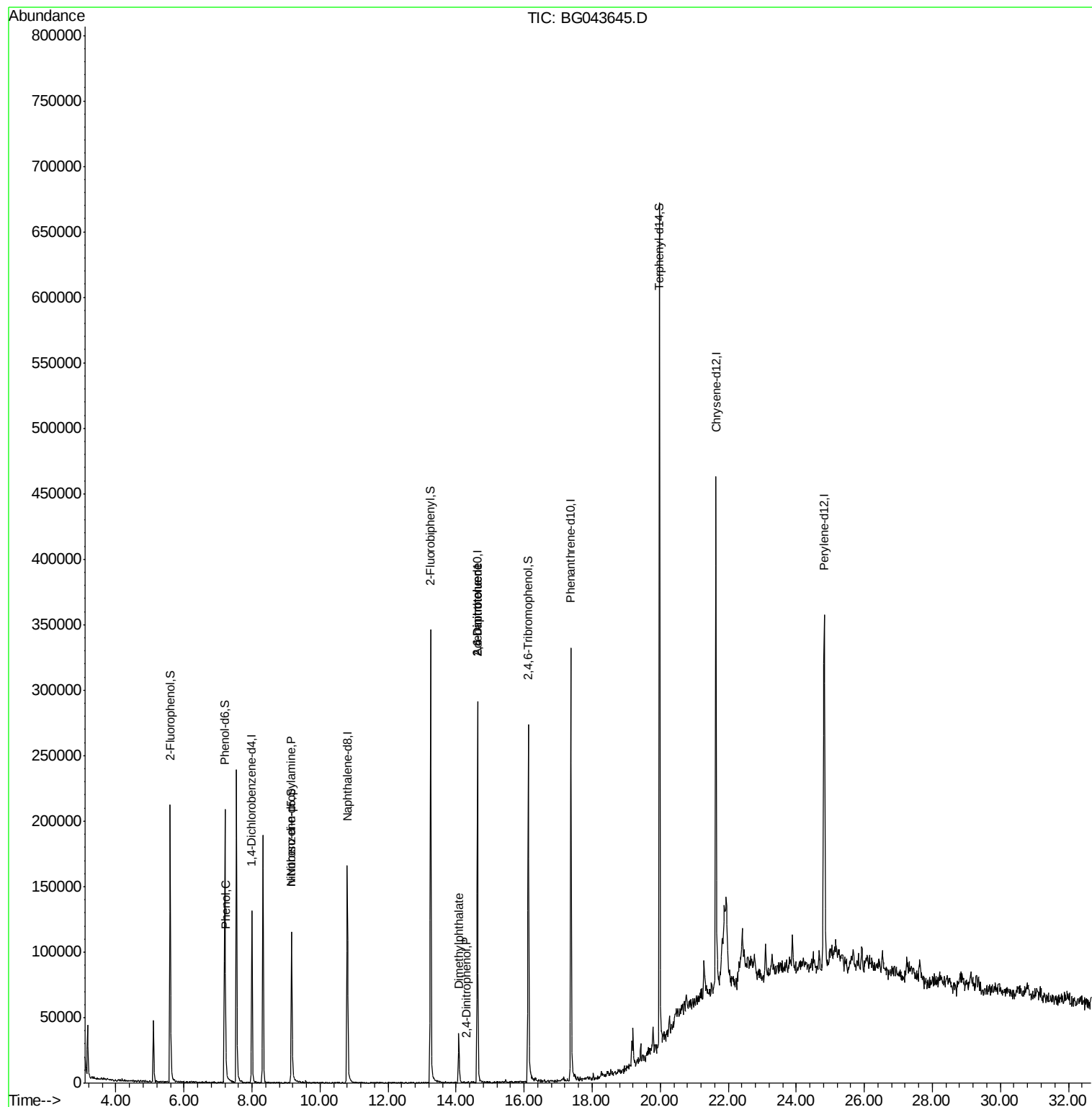
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40841	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	162685	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	109170	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	242557	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	259423	20.00	ng	-0.02
87) Perylene-d12	24.82	264	308601	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	101864	45.70	ng	0.00
7) Phenol-d6	7.20	99	142704	44.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	84623	26.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	71541	34.44	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	212141	26.85	ng	-0.01
79) Terphenyl-d14	19.98	244	364842	26.38	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	8537	2.913	ng	91
19) n-Nitroso-di-n-propylamine	9.16	70	11999	5.791	ng	# 78
50) Dimethylphthalate	14.08	163	30281	3.581	ng	97
51) 2,6-Dinitrotoluene	14.63	165	14758	8.034	ng	# 25
54) 2,4-Dinitrophenol	14.29	184	74	7.341	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	14758	5.621	ng	# 28

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

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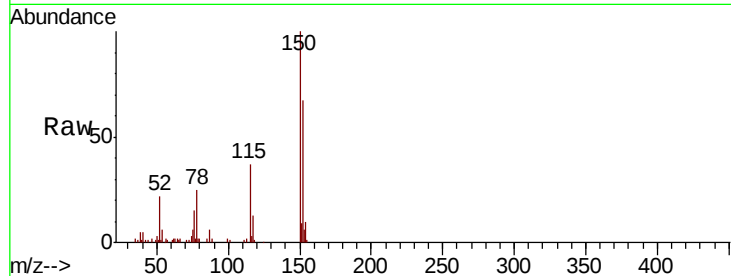


#1

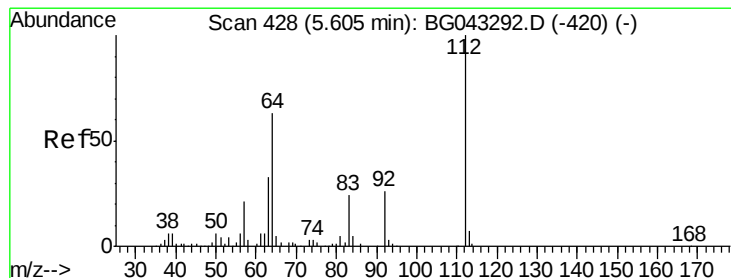
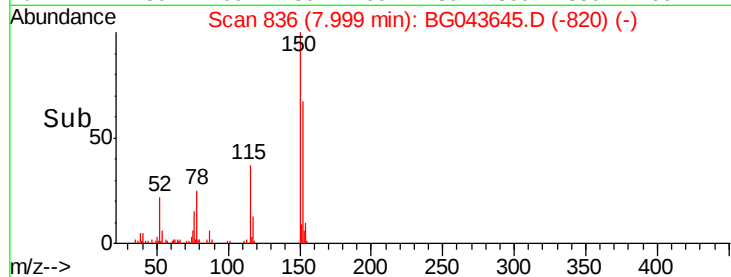
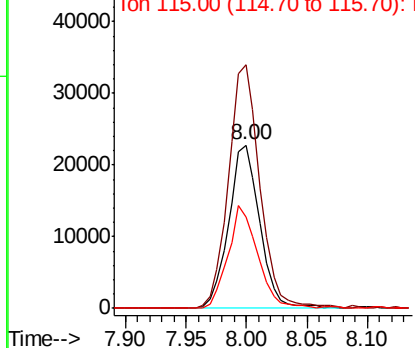
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tot Ion:152 Resp: 40841
Ion Ratio Lower Upper
152 100
150 149.3 129.4 194.0
115 55.8 48.8 73.2



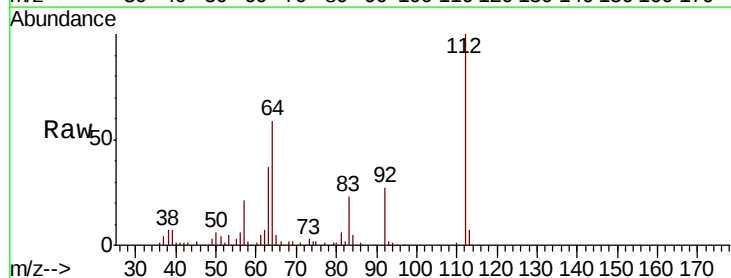
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



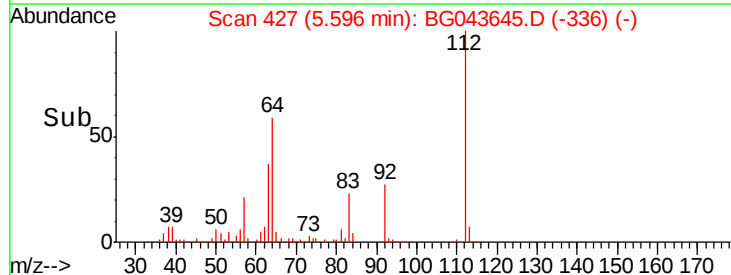
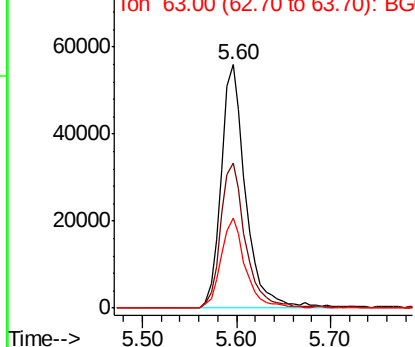
#5

2-Fluorophenol
Concen: 45.704 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Tgt Ion:112 Resp: 101864
Ion Ratio Lower Upper
112 100
64 59.5 50.0 75.0
63 36.8 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: 44.502 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

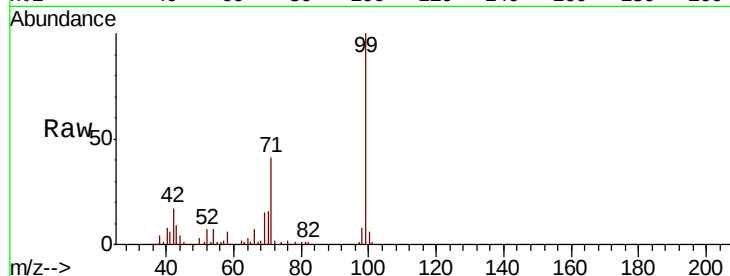
Tot Ion: 99 Resp: 142704

Ion Ratio Lower Upper

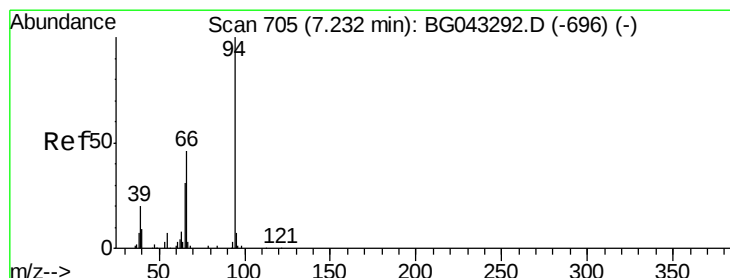
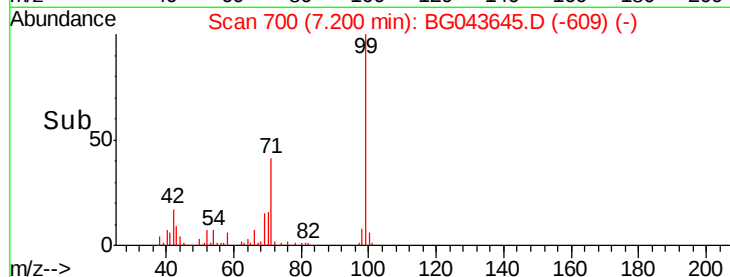
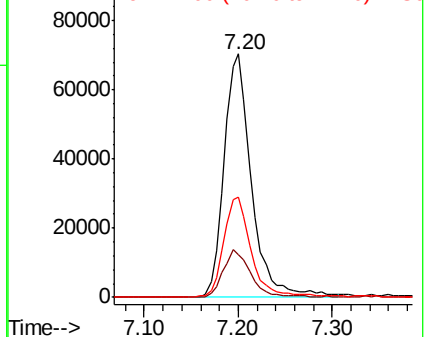
99 100

42 17.4 14.6 21.8

71 41.2 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



#10

Phenol

Concen: 2.913 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

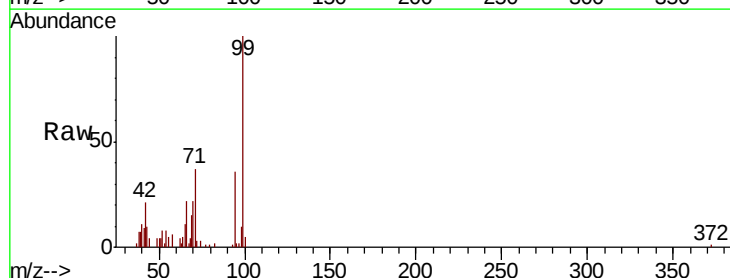
Tgt Ion: 94 Resp: 8537

Ion Ratio Lower Upper

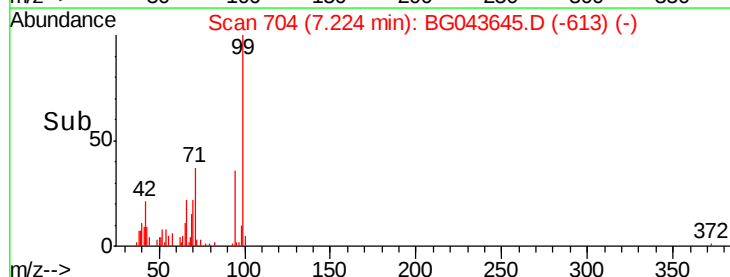
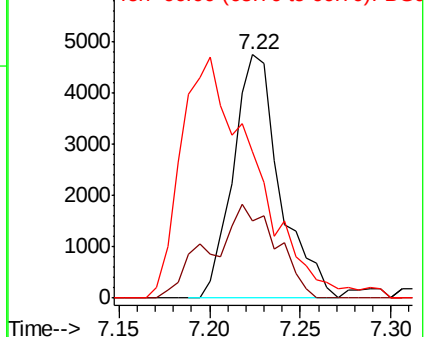
94 100

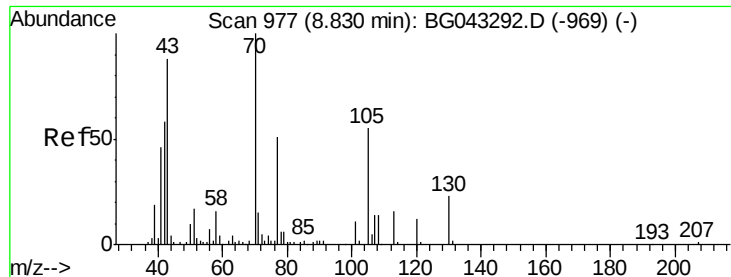
65 31.5 12.6 52.6

66 60.1 30.7 70.7



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

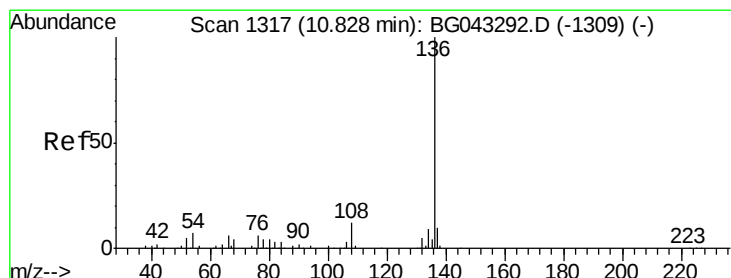
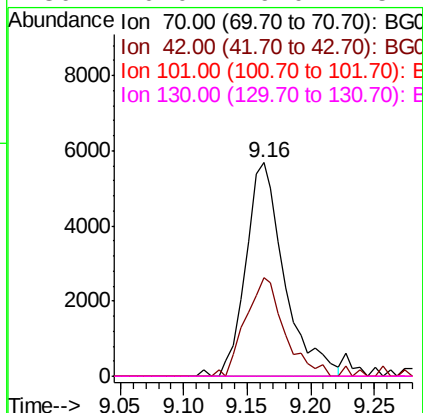
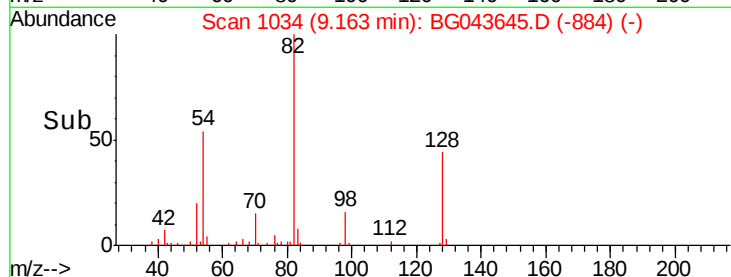
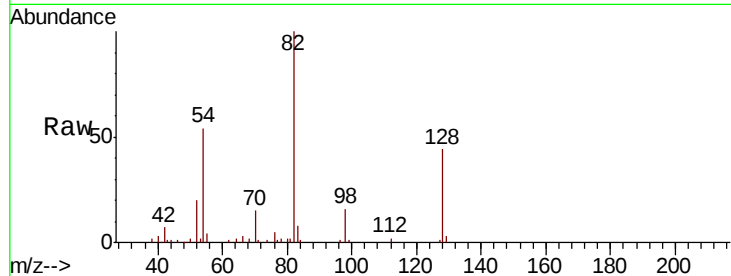




#19
n-Nitroso-di-n-propylamine
Concen: 5.791 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

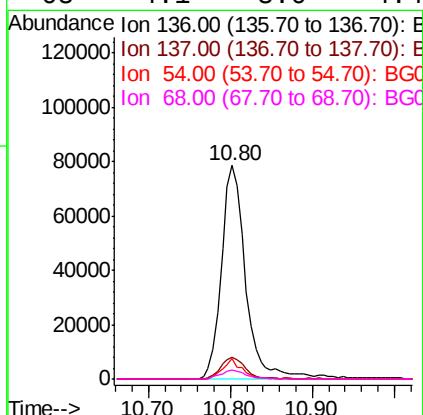
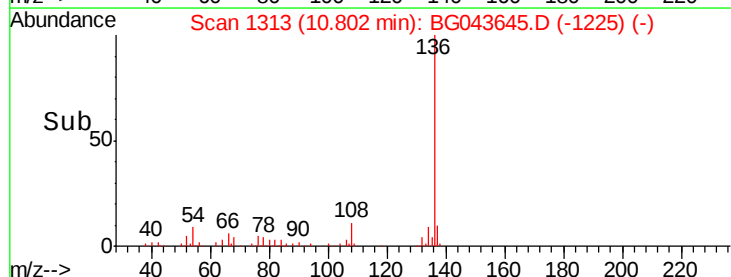
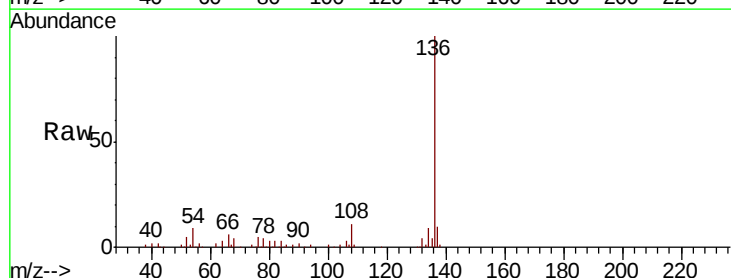
Instrument :
BNA_G
ClientSampleId :
HD-02-111319

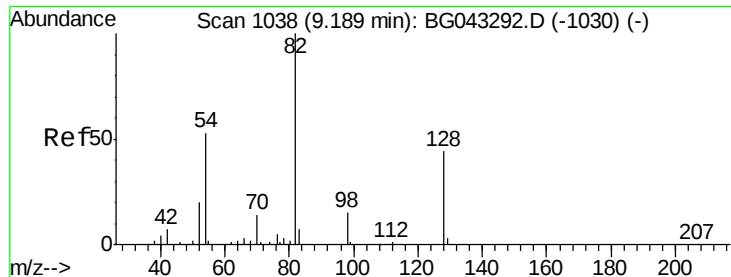
Tot Ion: 70 Resp: 11999
Ion Ratio Lower Upper
70 100
42 45.9 41.4 62.2
101 0.0 7.9 11.9#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Tgt Ion: 136 Resp: 162685
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 9.3 5.4 8.2#
68 4.1 3.0 4.4

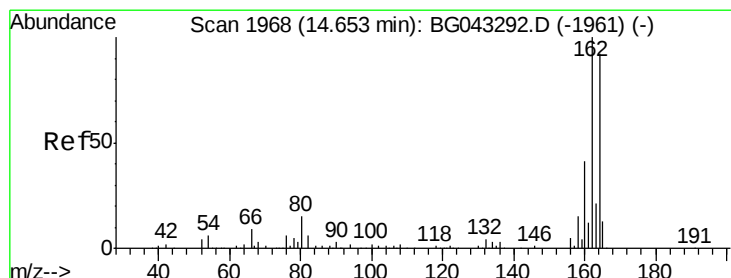
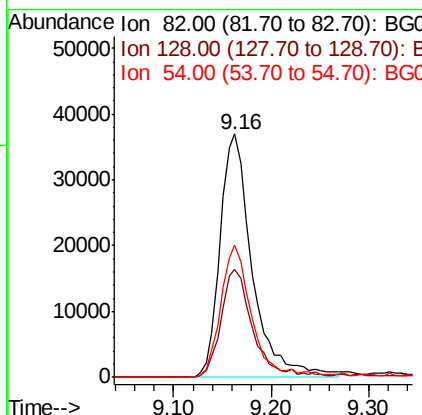
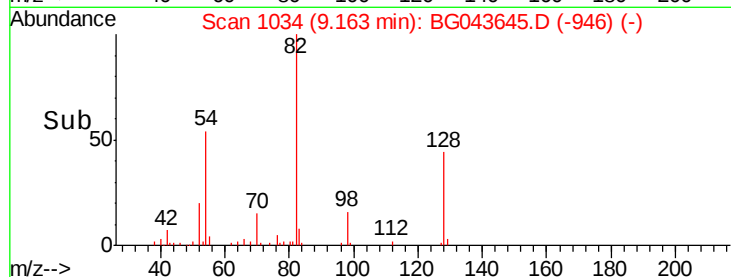
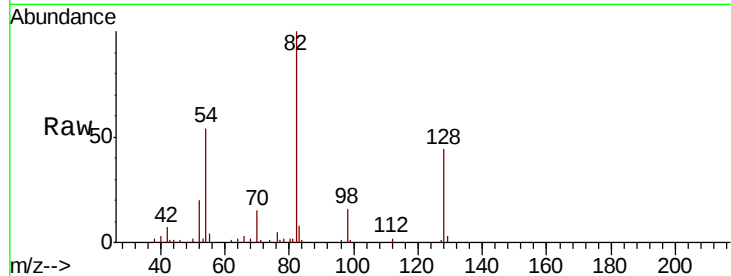




#23
Nitrobenzene-d5
Concen: 26.817 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

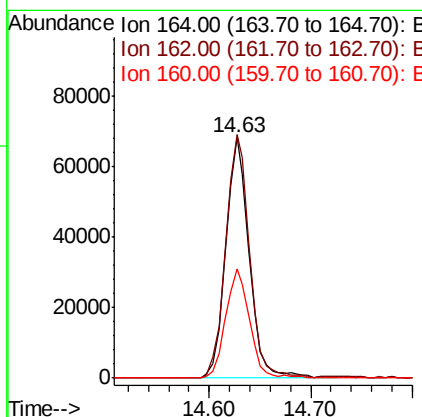
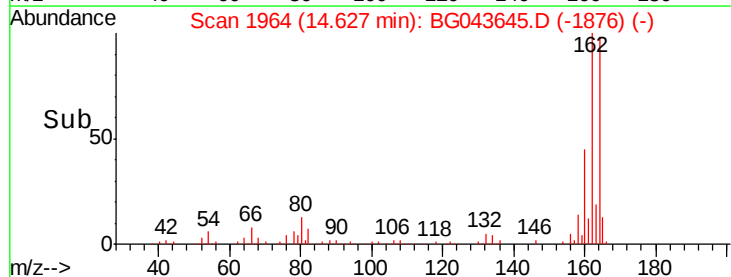
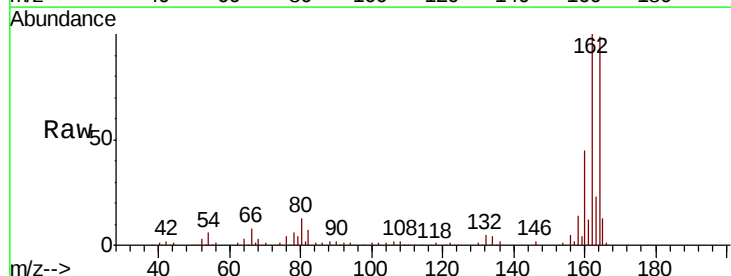
Instrument :
BNA_G
ClientSampleId :
HD-02-111319

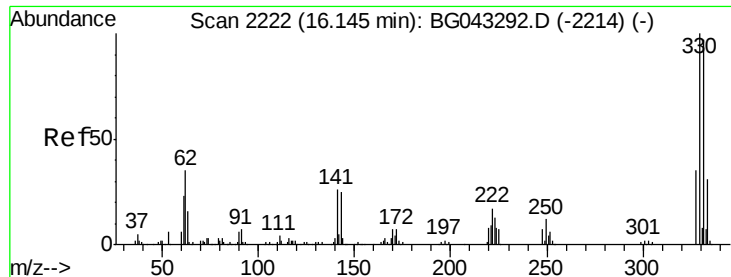
Tot Ion	82	Resp	84623
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.0	52.6
54	54.4	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Tgt Ion	164	Resp	109170
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.5	125.3
160	45.3	36.5	54.7

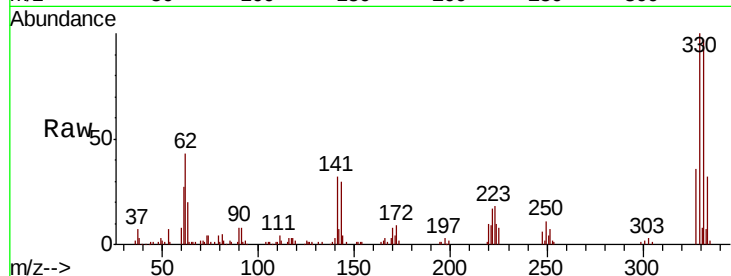




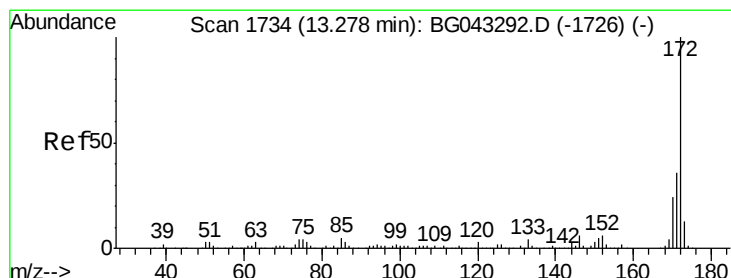
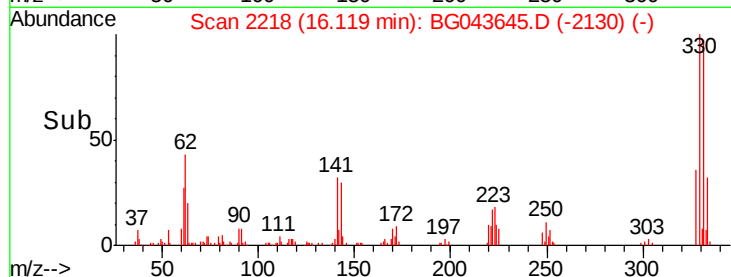
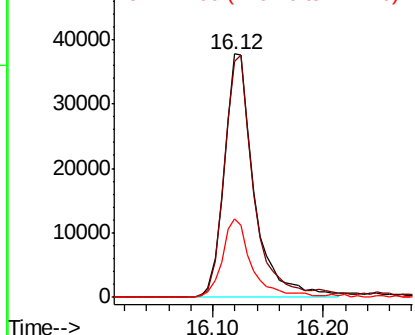
#42
 2,4,6-Tribromophenol
 Concen: 34.436 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043645.D
 Acq: 14 Nov 2019 22:24

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Tot Ion:330 Resp: 71541
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 31.4 22.8 34.2

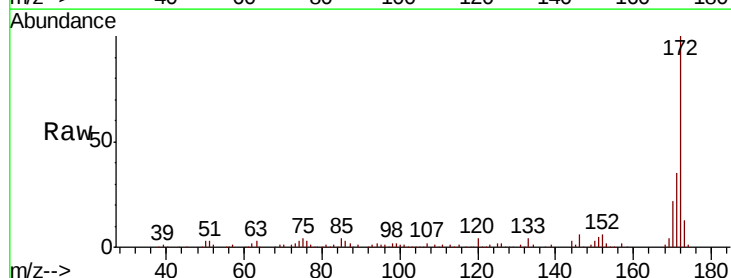


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

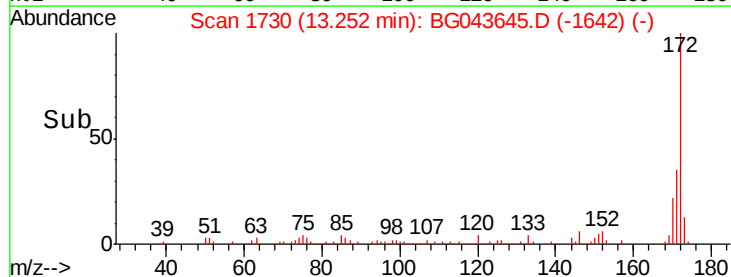
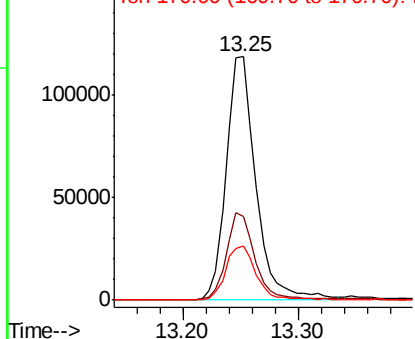


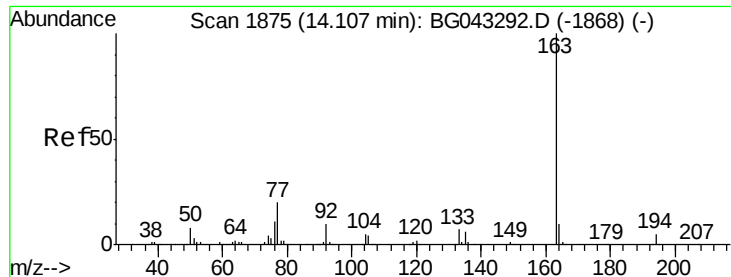
#45
 2-Fluorobiphenyl
 Concen: 26.851 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043645.D
 Acq: 14 Nov 2019 22:24

Tgt Ion:172 Resp: 212141
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 22.4 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





#50

Dimethylphthalate

Concen: 3.581 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

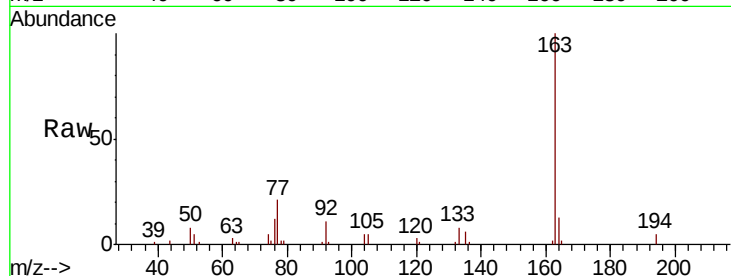
Tot Ion:163 Resp: 30281

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

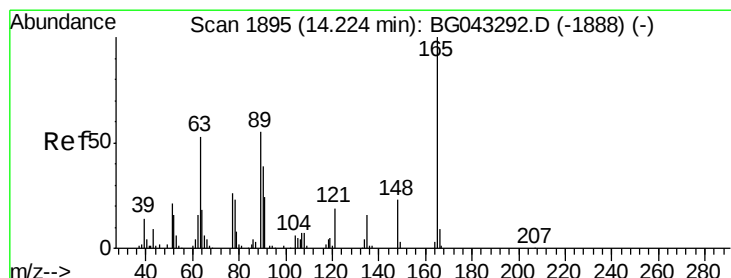
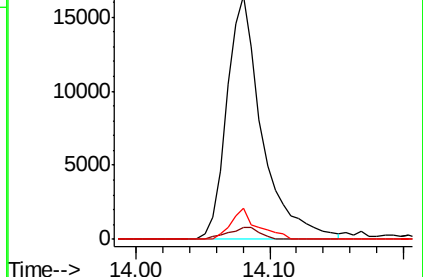
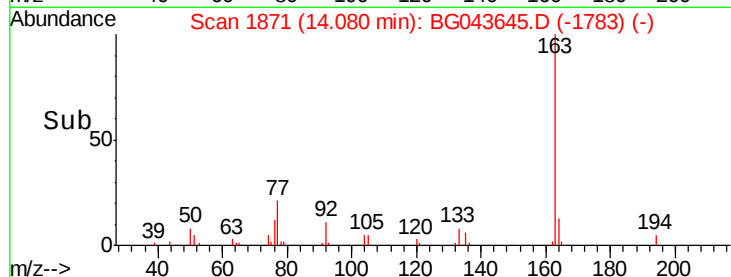
164 12.6 8.9 13.3



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



#51

2,6-Dinitrotoluene

Concen: 8.034 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.42 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

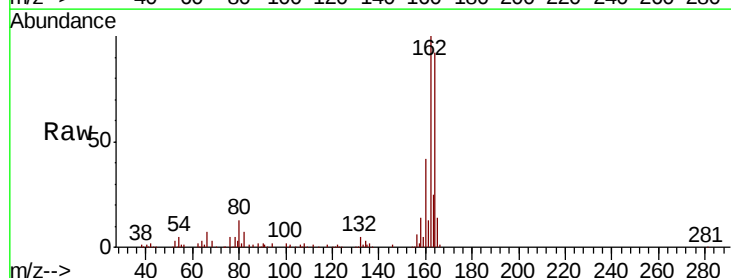
Tgt Ion:165 Resp: 14758

Ion Ratio Lower Upper

165 100

63 1.8 46.6 69.8#

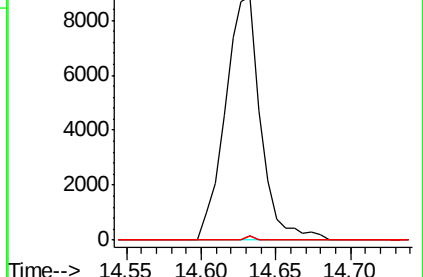
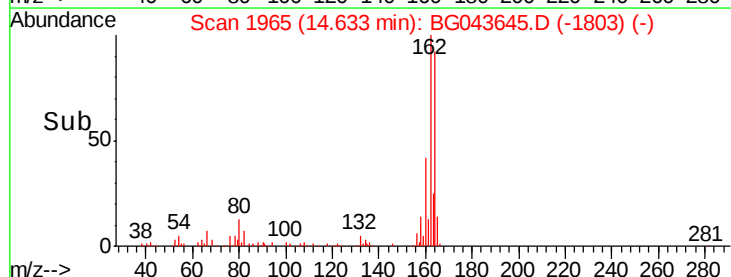
89 1.8 45.1 67.7#

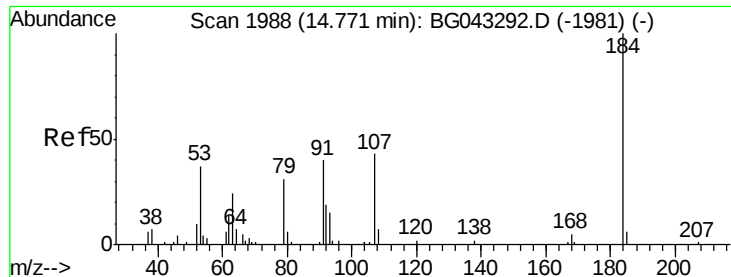


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

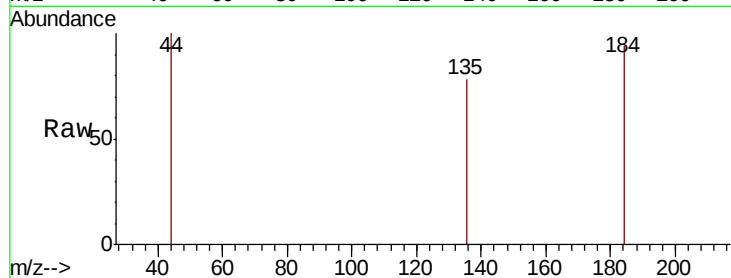




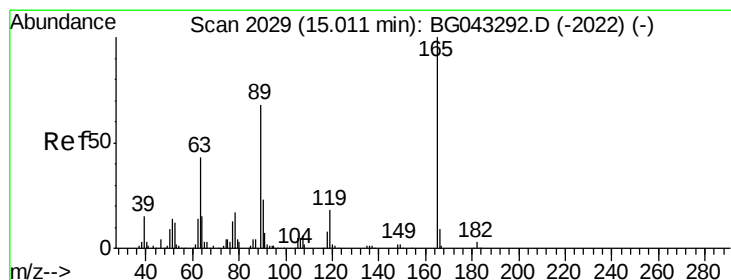
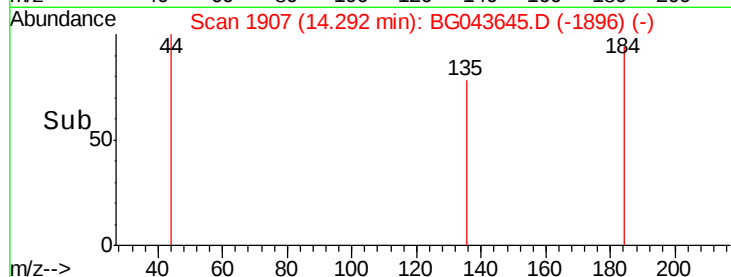
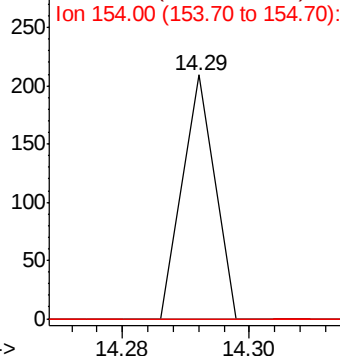
#54
2,4-Dinitrophenol
Concen: 7.341 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.47 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tot Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 0.0 51.3 76.9#
154 0.0 55.4 83.0#

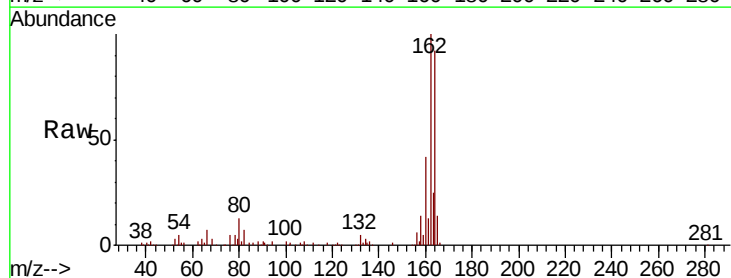


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

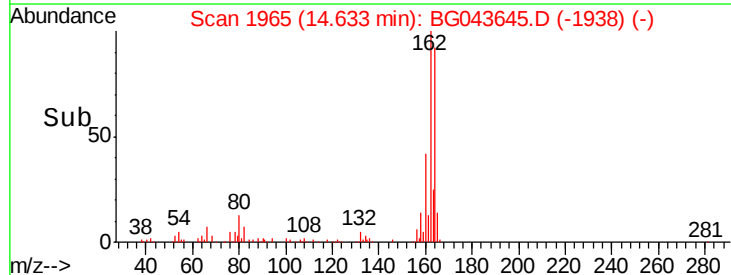
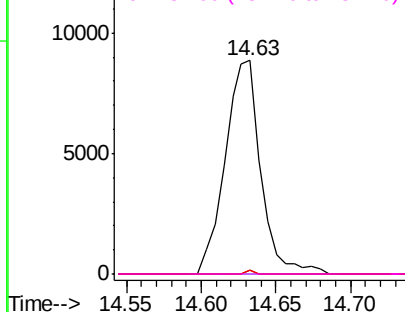


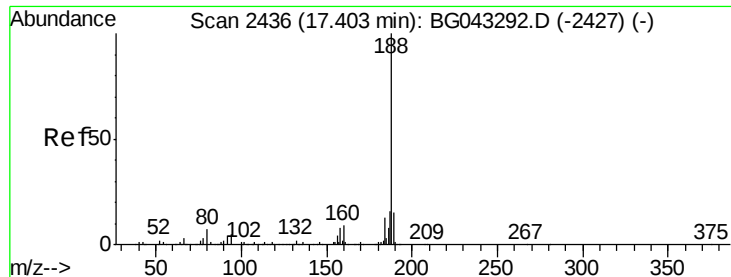
#57
2,4-Dinitrotoluene
Concen: 5.621 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043645.D
Acq: 14 Nov 2019 22:24

Tgt Ion:165 Resp: 14758
Ion Ratio Lower Upper
165 100
63 1.8 33.2 49.8#
89 1.8 52.2 78.4#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

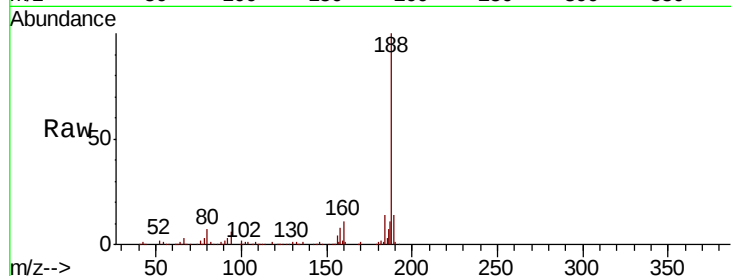
Tot Ion:188 Resp: 242557

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

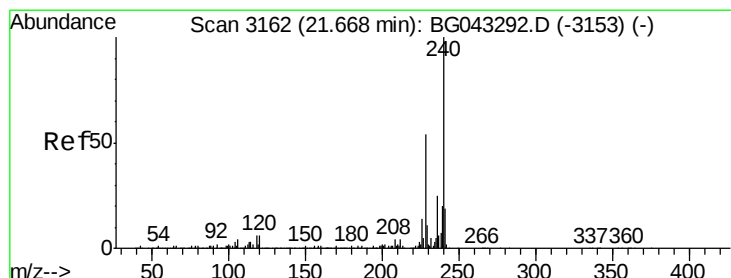
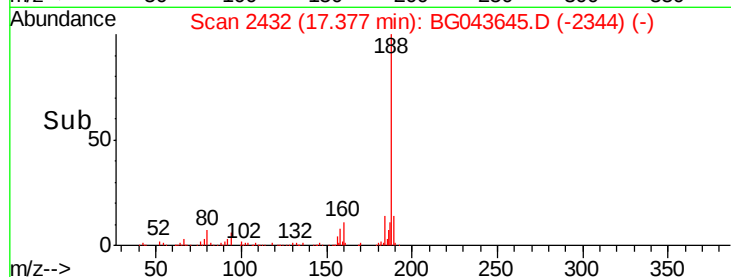
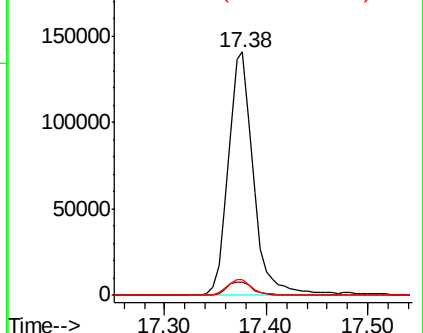
80 6.6 4.5 6.7



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: BG043645.D

Acq: 14 Nov 2019 22:24

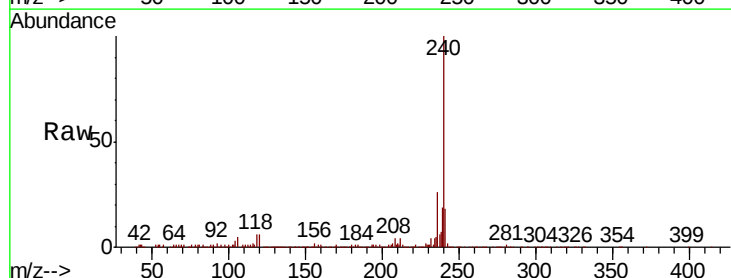
Tgt Ion:240 Resp: 259423

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

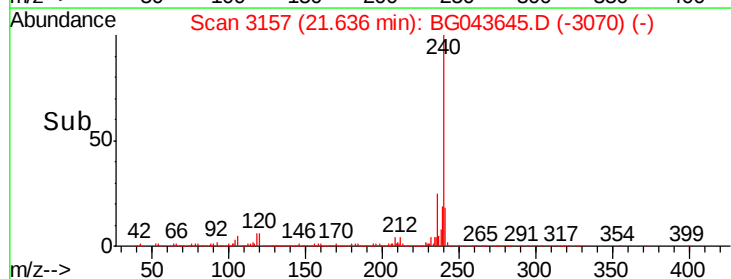
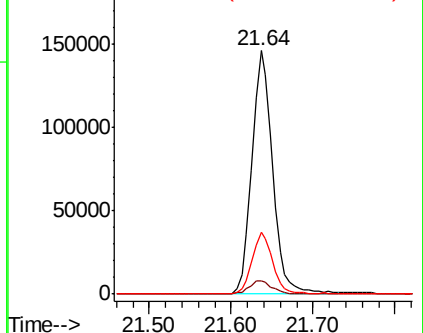
236 25.6 19.8 29.8

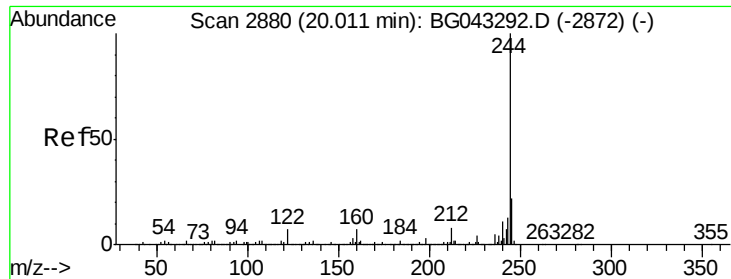


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 26.384 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

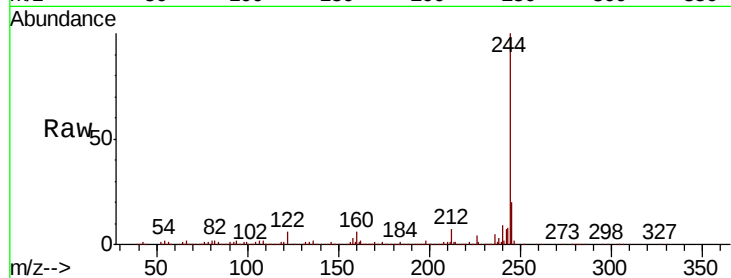
Tot Ion:244 Resp: 364842

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

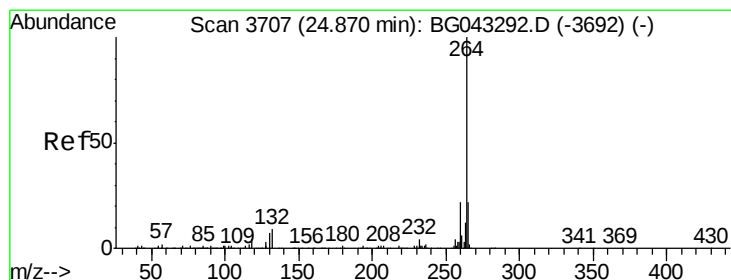
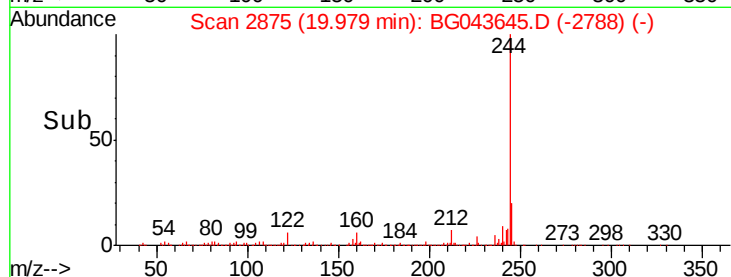
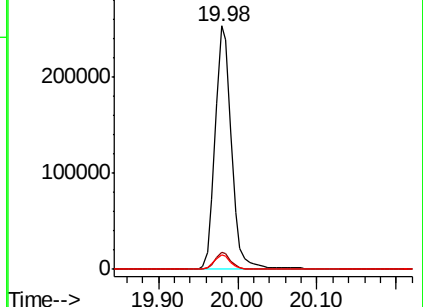
122 6.0 5.4 8.2



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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043645.D

Acq: 14 Nov 2019 22:24

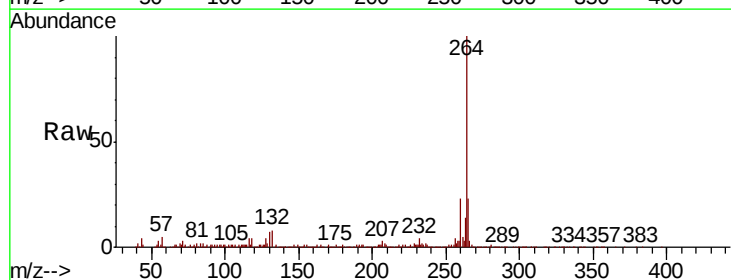
Tgt Ion:264 Resp: 308601

Ion Ratio Lower Upper

264 100

260 23.1 17.5 26.3

265 23.1 17.4 26.0



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

