

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070219\
 Data File : BG041566.D
 Acq On : 2 Jul 2019 10:03
 Operator : HP/JU
 Sample : K3519-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

Quant Time: Jul 12 07:23:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28093	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	93339	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	64429	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	174895	20.00	ng	0.00
76) Chrysene-d12	21.70	240	223213	20.00	ng	0.00
87) Perylene-d12	24.99	264	243469	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	99454	63.12	ng	0.00
7) Phenol-d6	7.19	99	79472	35.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	208910	93.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	183506	166.81	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	476613	94.93	ng	0.00
79) Terphenyl-d14	20.03	244	1041505	99.16	ng	0.00

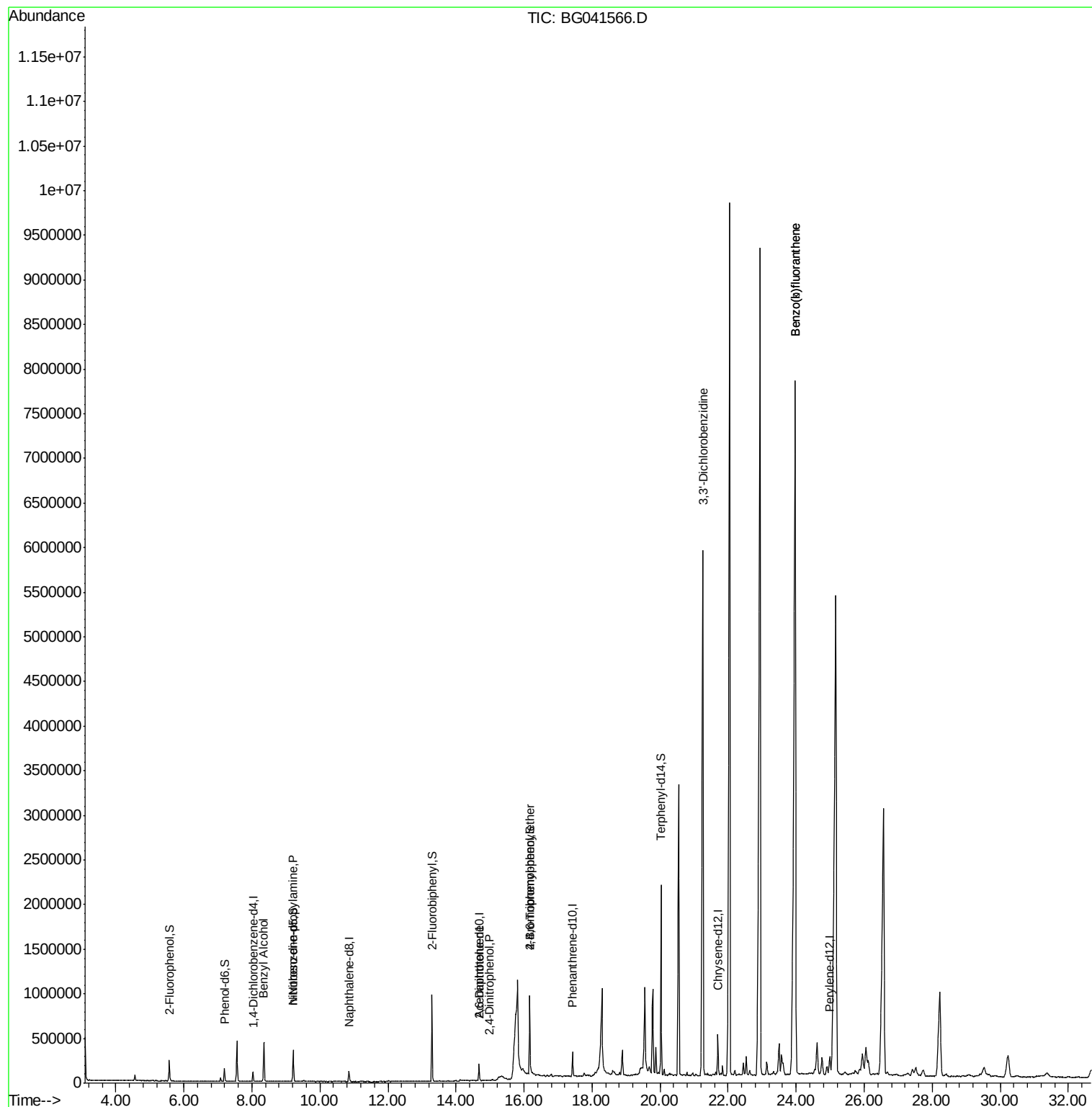
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	4019	2.275	ng	# 55
19) n-Nitroso-di-n-propylamine	9.21	70	30351	18.344	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	9002	7.235	ng	# 18
54) 2,4-Dinitrophenol	14.97	184	60	8.019	ng	# 15
67) 4-Bromophenyl-phenylether	16.17	248	13695	5.730	ng	# 1
82) 3,3'-Dichlorobenzidine	21.26	252	12977	2.415	ng	# 1
88) Benzo(b)fluoranthene	23.98	252	31990	2.060	ng	# 1
89) Benzo(k)fluoranthene	23.98	252	31990	2.098	ng	# 1

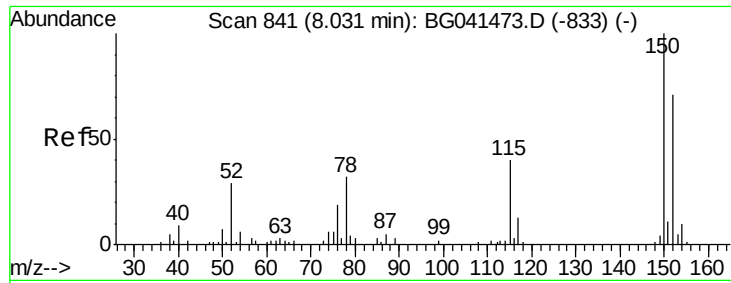
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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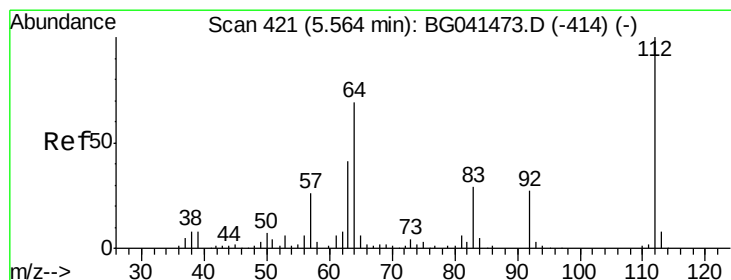
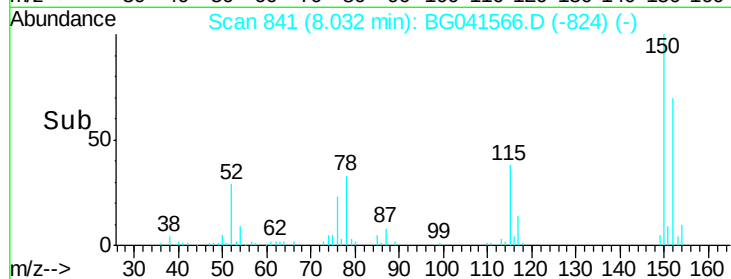
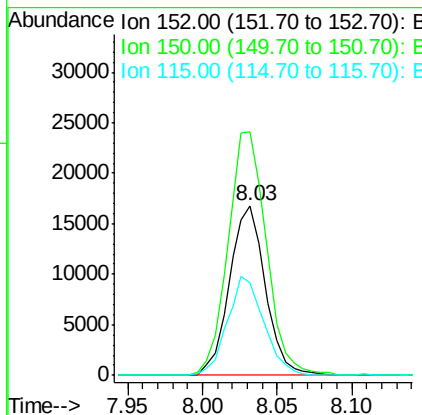
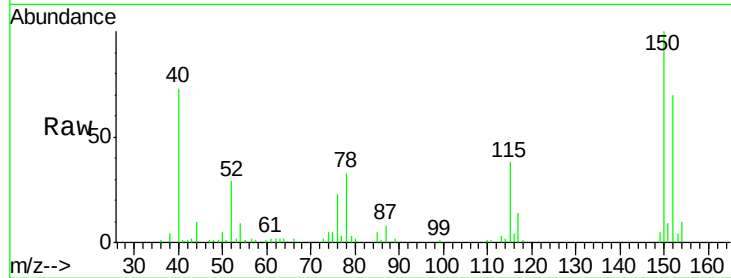


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

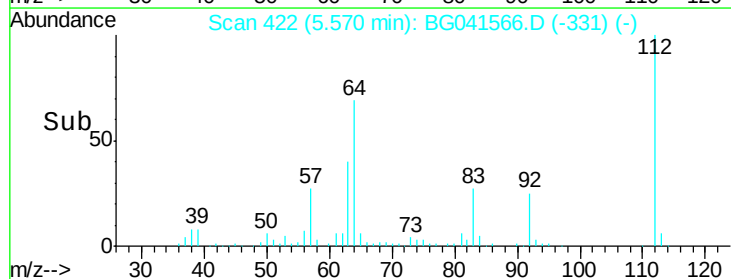
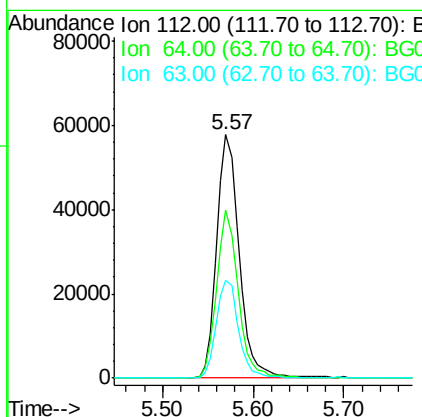
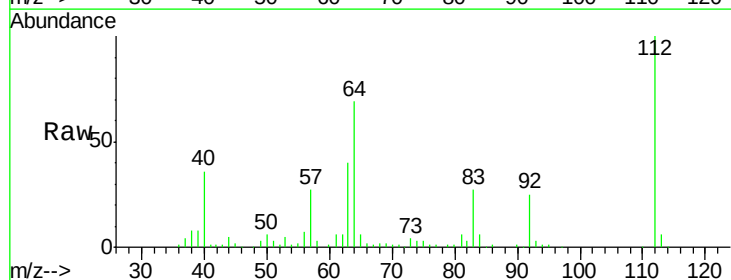
Tgt Ion:152 Resp: 28093
Ion Ratio Lower Upper
152 100
150 143.4 112.4 168.6
115 54.5 44.6 66.8

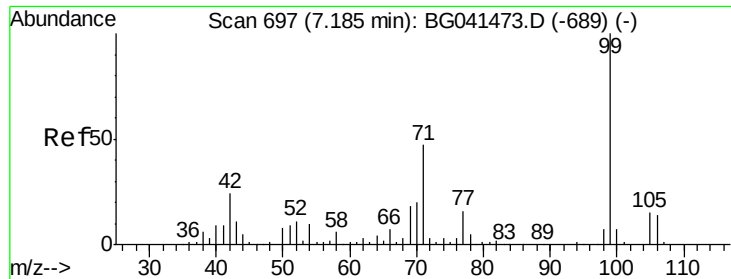


#5

2-Fluorophenol
Concen: 63.116 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:112 Resp: 99454
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 40.2 32.4 48.6





#7

Phenol-d6

Concen: 35.827 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW2

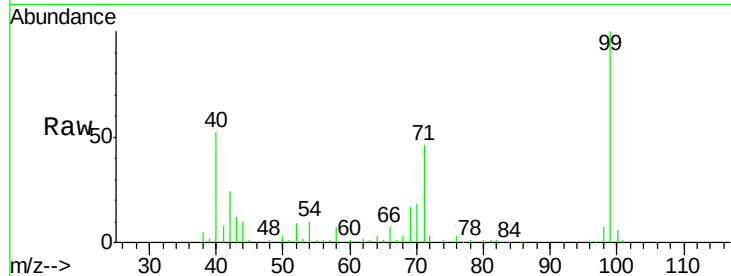
Tgt Ion: 99 Resp: 79472

Ion Ratio Lower Upper

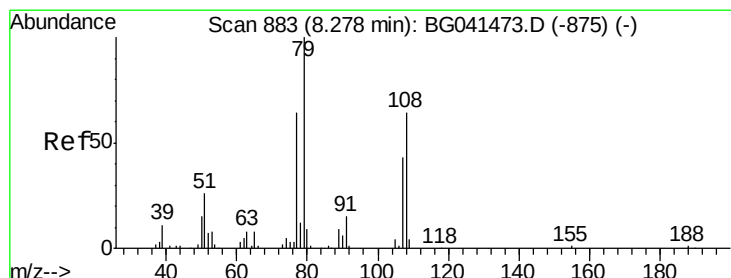
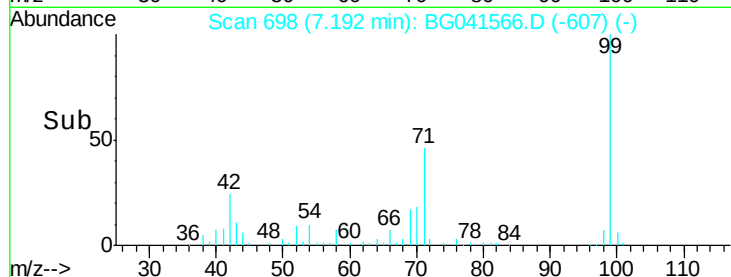
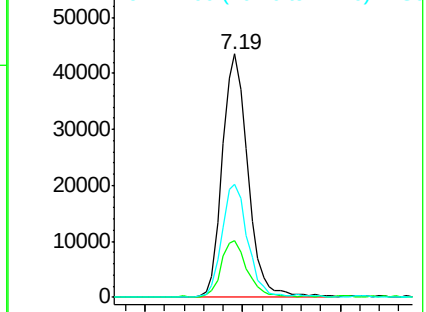
99 100

42 23.5 19.0 28.6

71 46.3 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.275 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

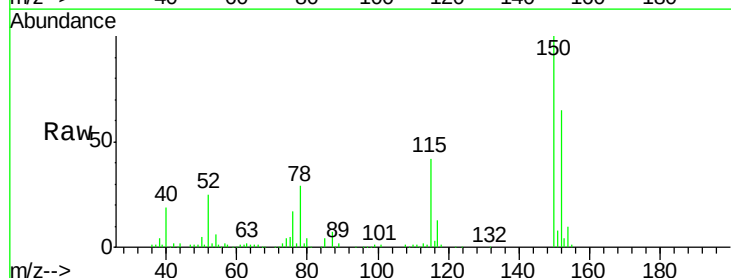
Tgt Ion: 79 Resp: 4019

Ion Ratio Lower Upper

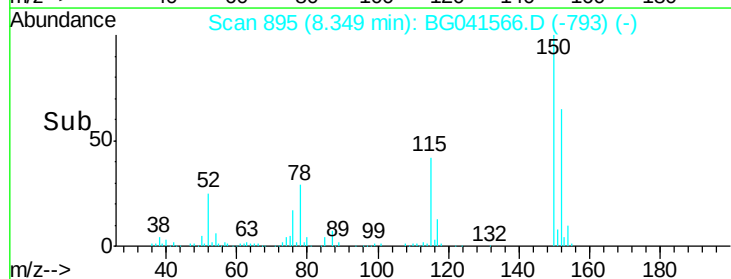
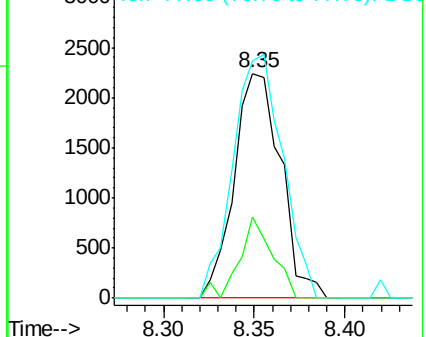
79 100

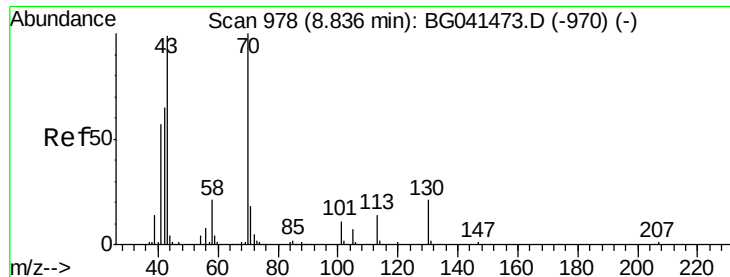
108 35.9 51.4 77.0#

77 105.2 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

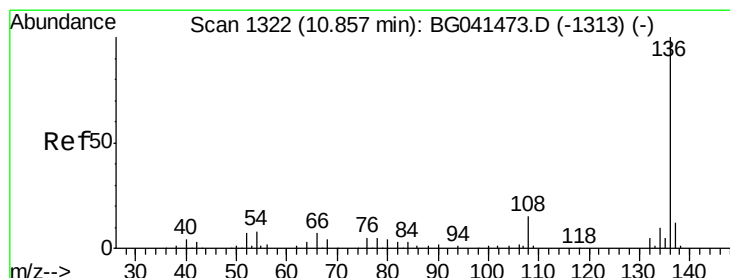
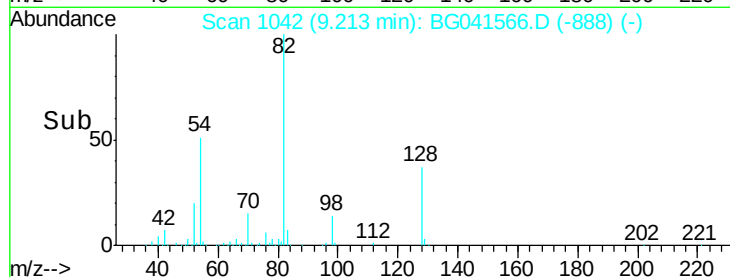
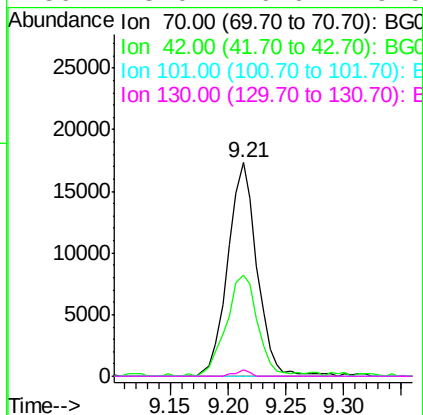
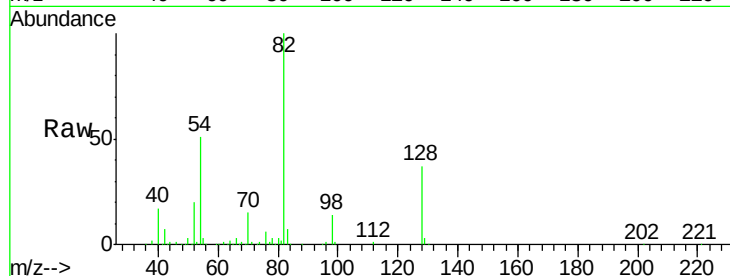




#19
n-Nitroso-di-n-propylamine
Concen: 18.344 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.38 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

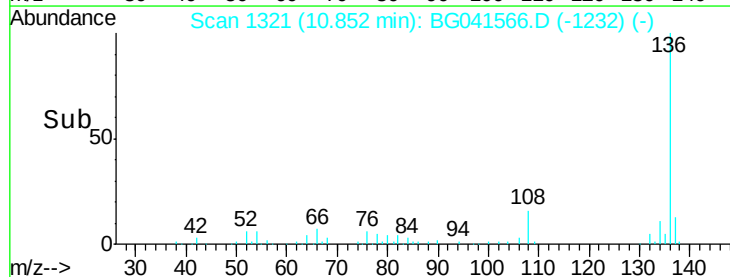
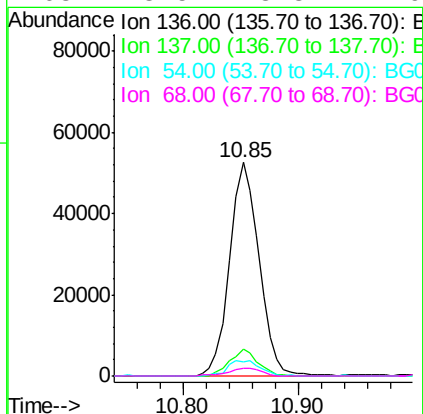
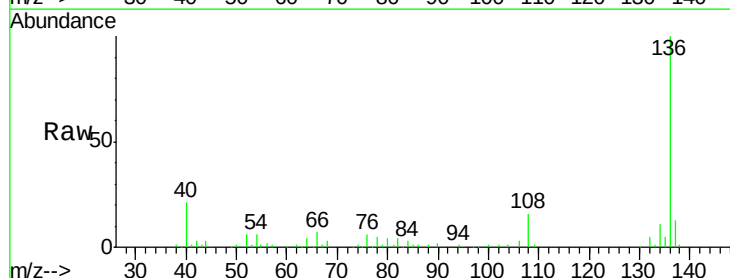
Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

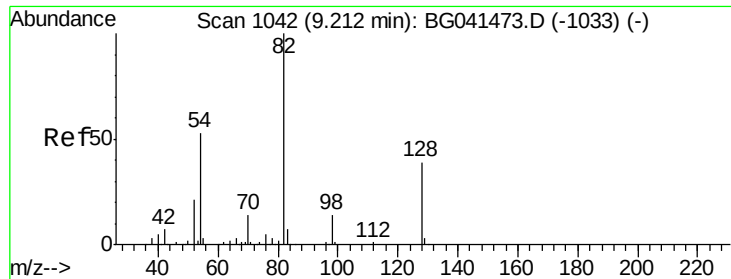
Tgt Ion: 70 Resp: 30351
Ion Ratio Lower Upper
70 100
42 47.6 52.6 78.8#
101 0.0 8.6 13.0#
130 3.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion: 136 Resp: 93339
Ion Ratio Lower Upper
136 100
137 12.8 9.3 13.9
54 6.3 7.1 10.7#
68 3.5 3.3 4.9

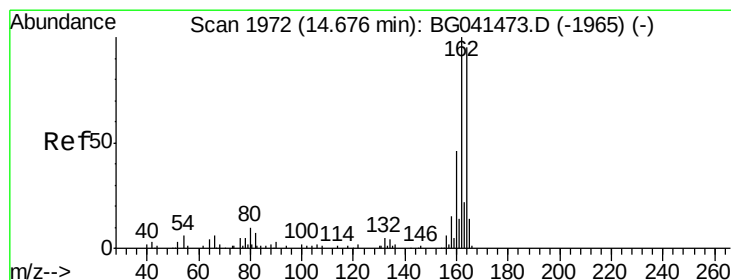
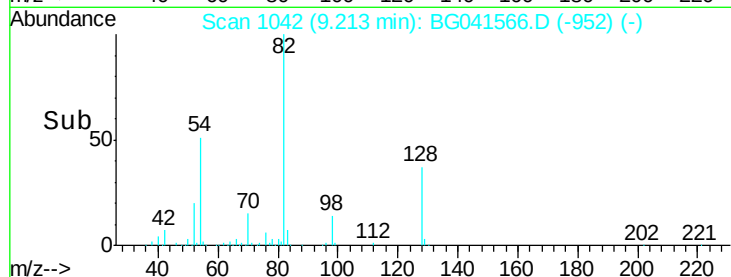
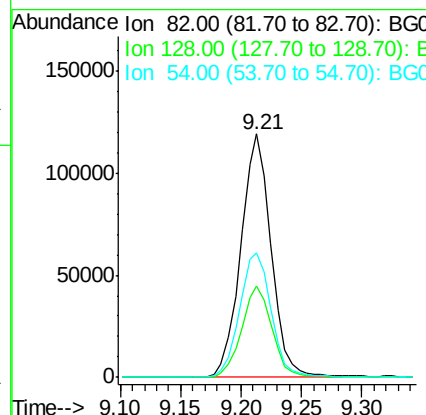
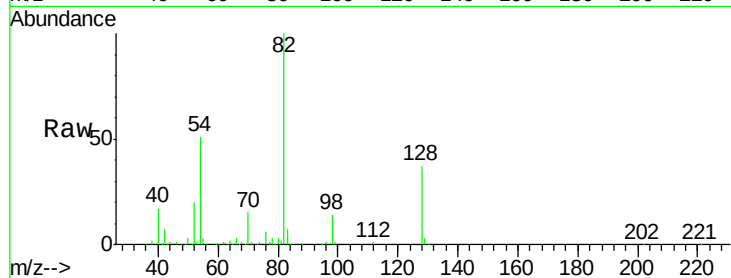




#23
 Nitrobenzene-d5
 Concen: 93.348 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

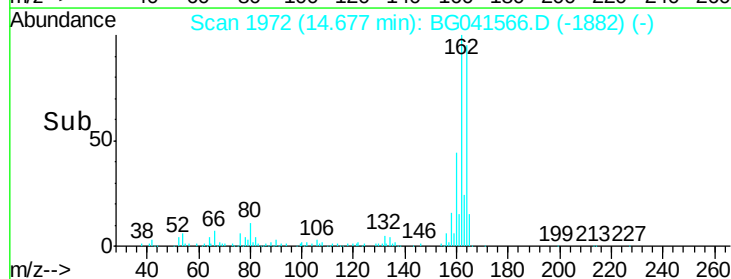
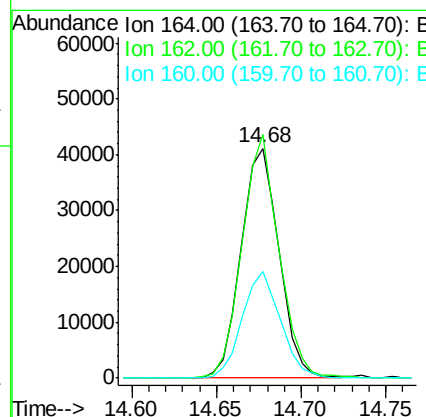
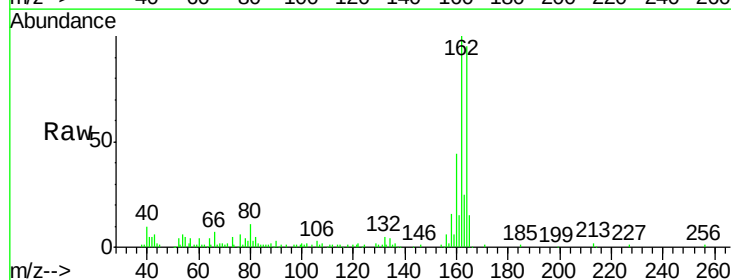
Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

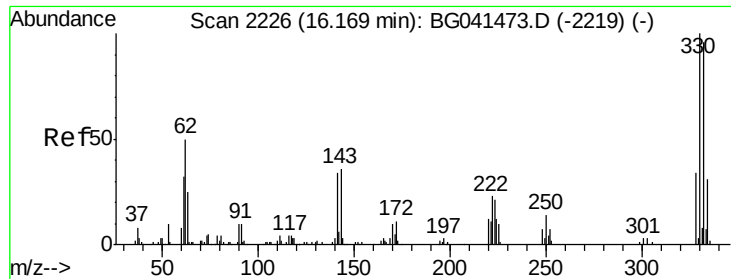
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	51.2	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.4	126.6
160	46.5	38.8	58.2

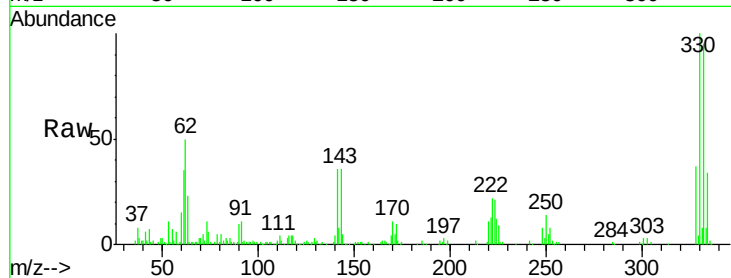




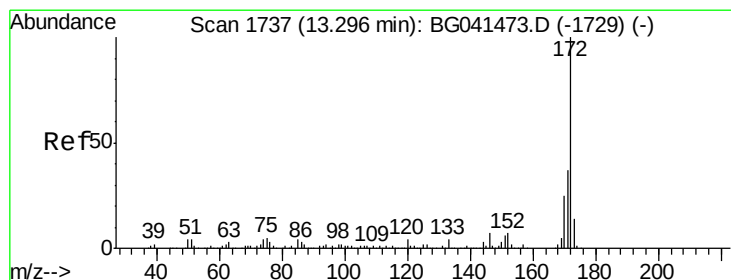
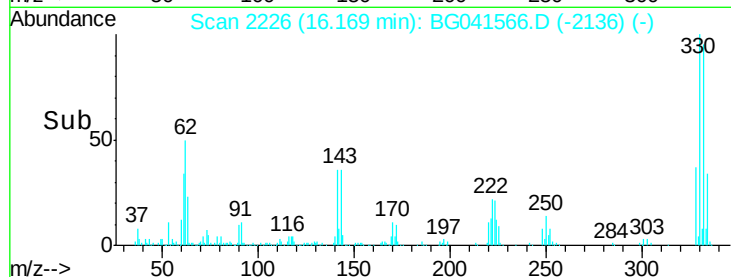
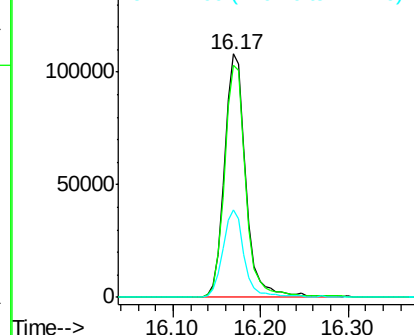
#42
 2,4,6-Tribromophenol
 Concen: 166.811 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

Tgt Ion:330 Resp: 183506
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.5 113.3
 141 36.2 27.8 41.6

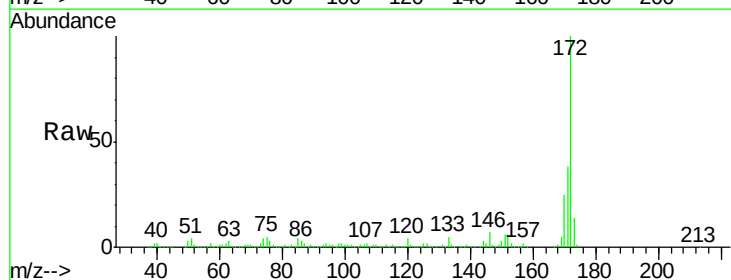


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

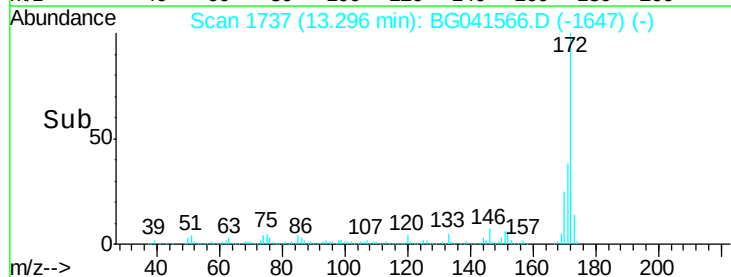
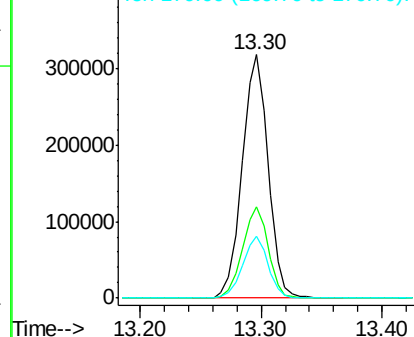


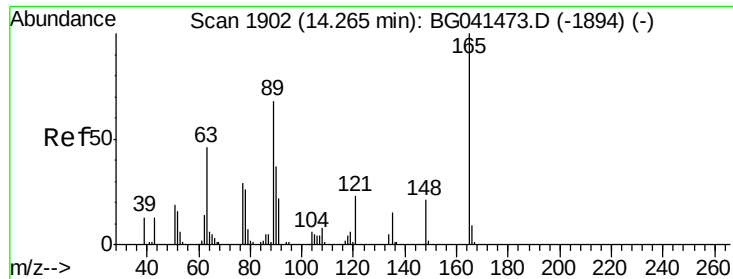
#45
 2-Fluorobiphenyl
 Concen: 94.929 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Tgt Ion:172 Resp: 476613
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 25.2 20.0 30.0



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

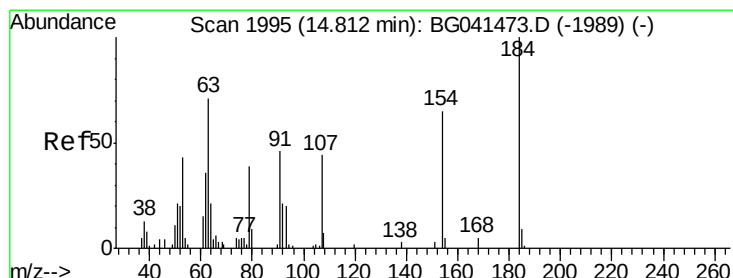
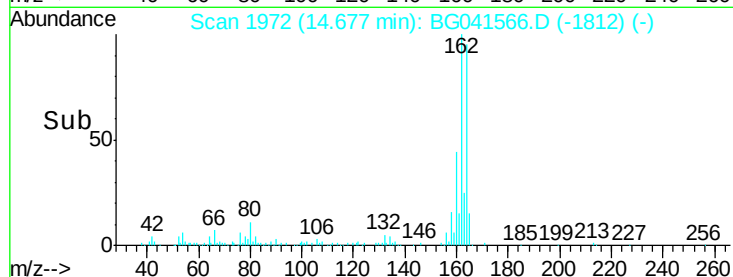
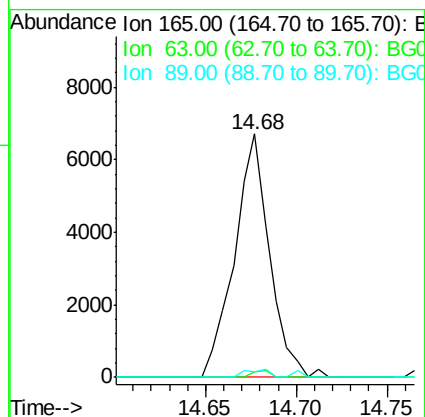
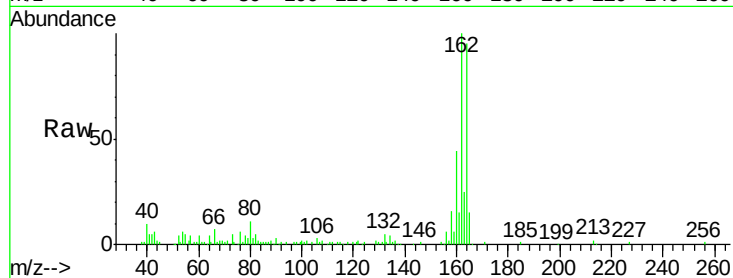




#51
2,6-Dinitrotoluene
Concen: 7.235 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

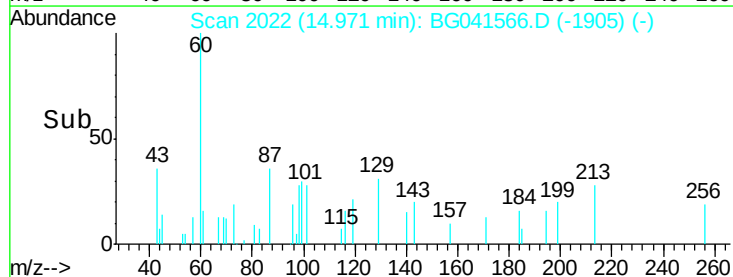
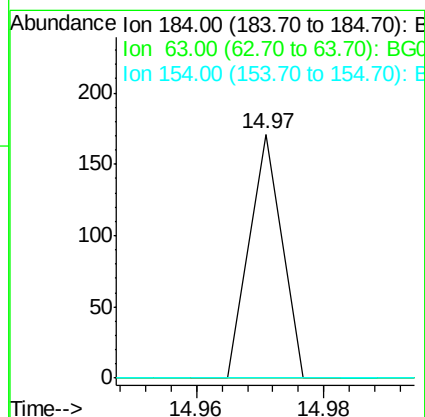
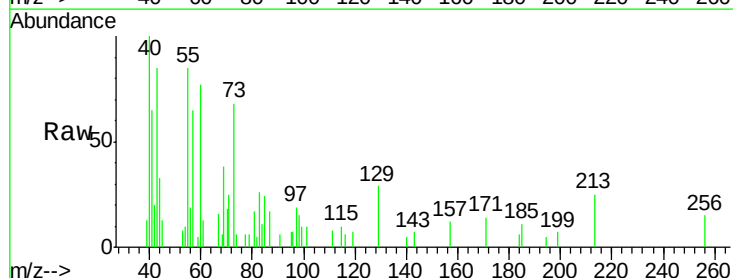
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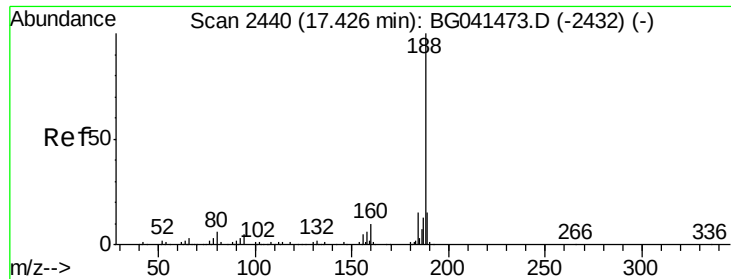
Tgt Ion:165 Resp: 9002
Ion Ratio Lower Upper
165 100
63 2.5 56.4 84.6#
89 2.3 54.6 81.8#



#54
2,4-Dinitrophenol
Concen: 8.019 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.16 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 56.5 84.7#
154 0.0 54.2 81.4#

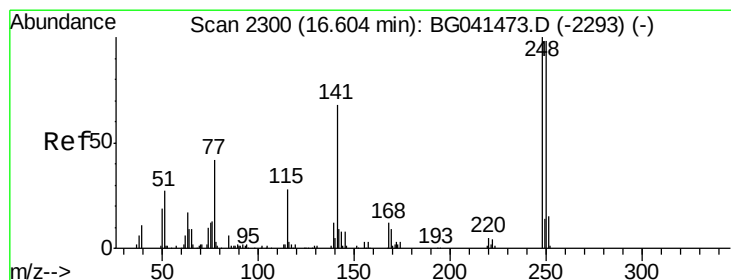
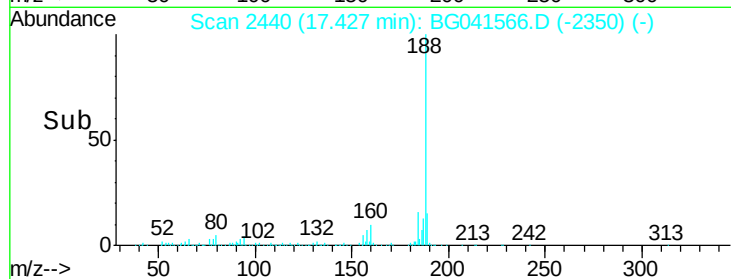
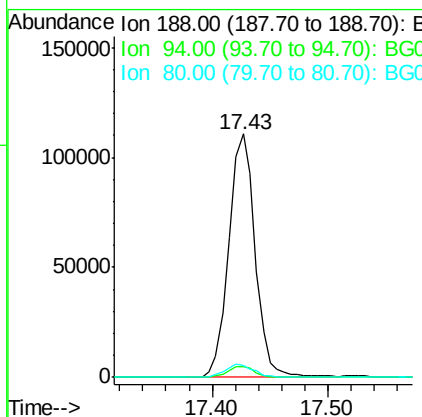
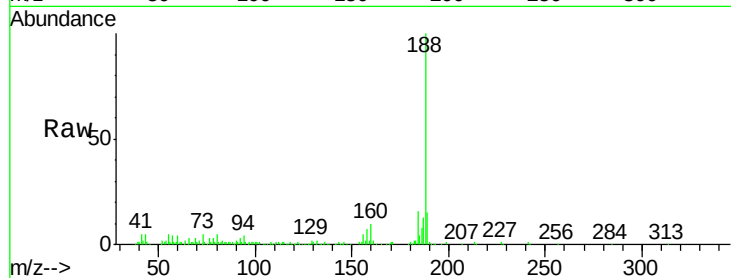




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

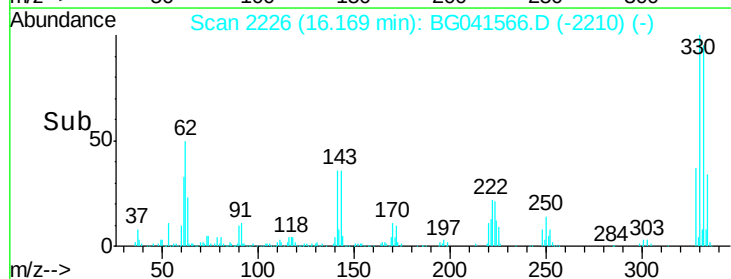
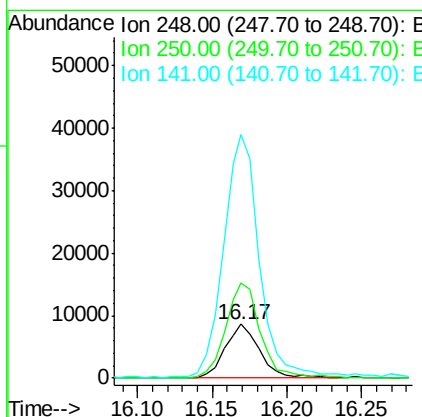
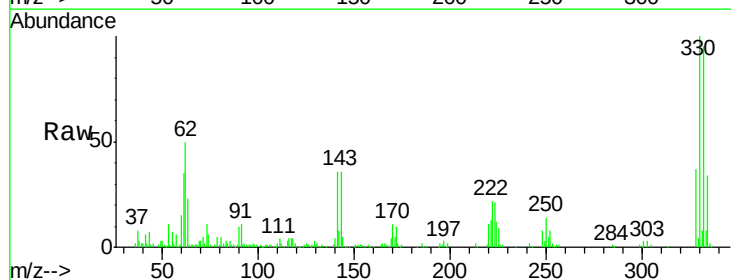
Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

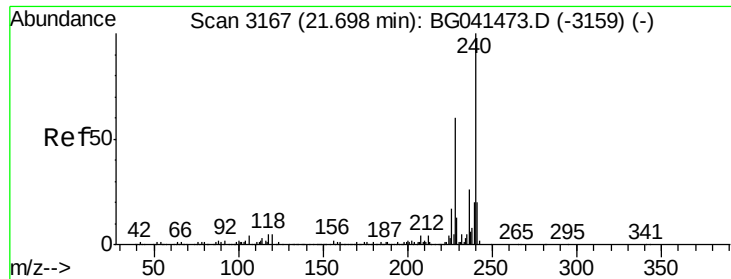
Tgt Ion:188 Resp: 174895
Ion Ratio Lower Upper
188 100
94 4.2 3.8 5.8
80 5.1 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 5.730 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.43 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:248 Resp: 13695
Ion Ratio Lower Upper
248 100
250 176.5 78.1 117.1#
141 450.5 54.1 81.1#

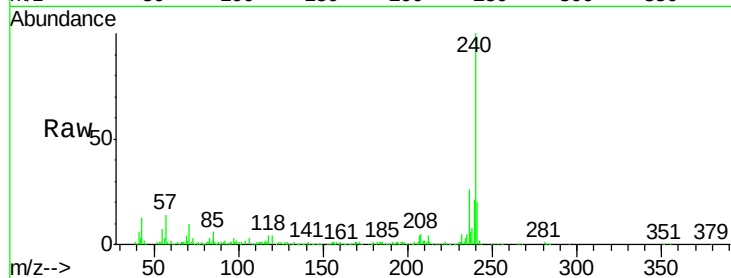




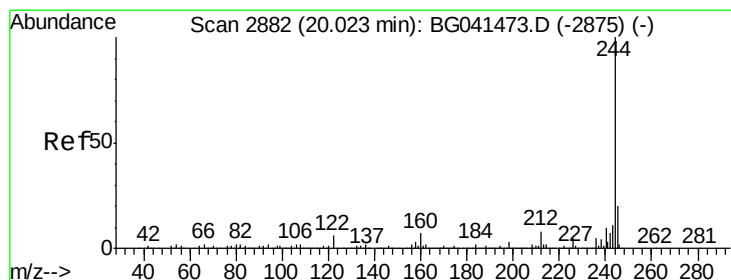
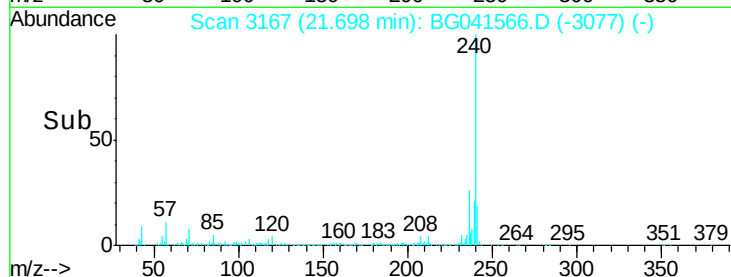
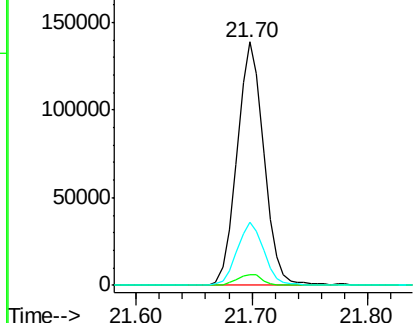
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

Tgt Ion:240 Resp: 223213
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 26.1 20.8 31.2

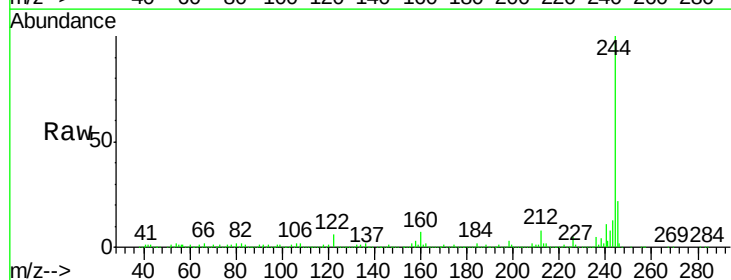


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

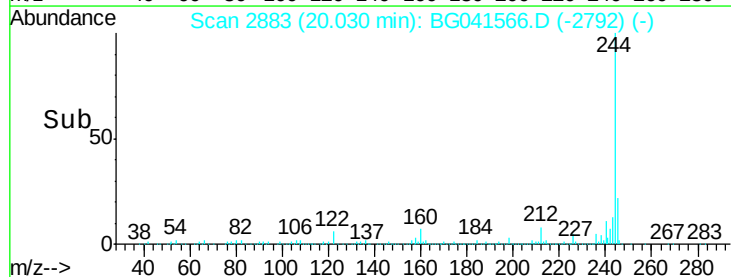
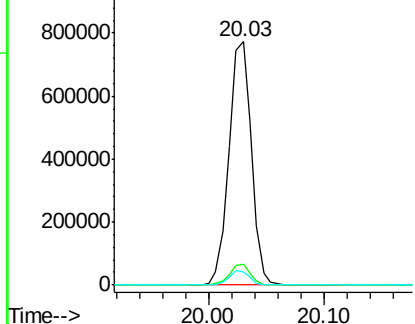


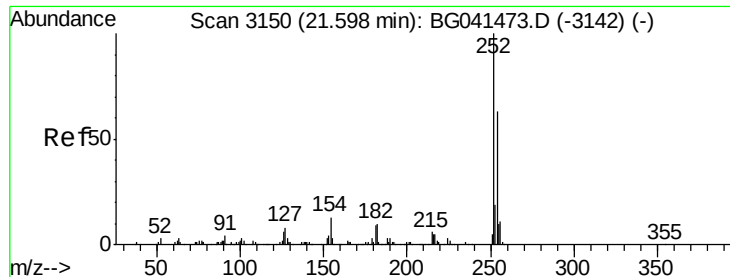
#79
Terphenyl-d14
Concen: 99.156 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:244 Resp: 1041505
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 5.6 4.8 7.2



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





#82

3,3'-Dichlorobenzidine

Concen: 2.415 ng

RT: 21.26 min Scan# 3092

Delta R.T. -0.34 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW2

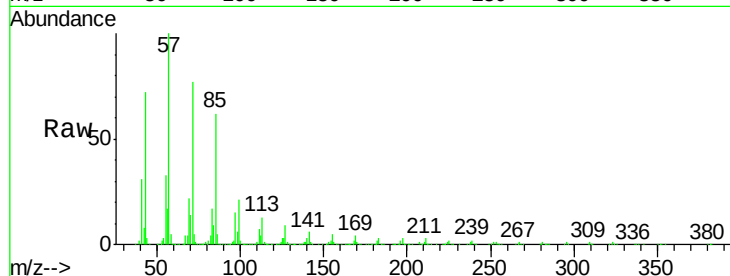
Tgt Ion:252 Resp: 12977

Ion Ratio Lower Upper

252 100

254 32.7 50.4 75.6#

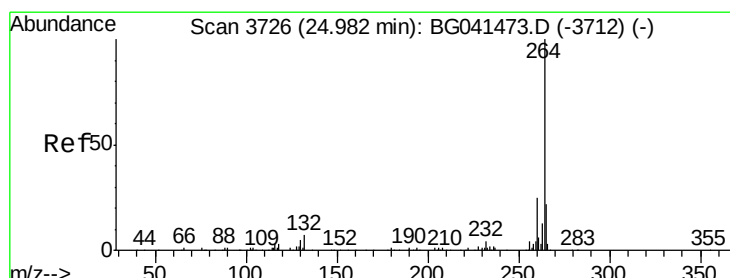
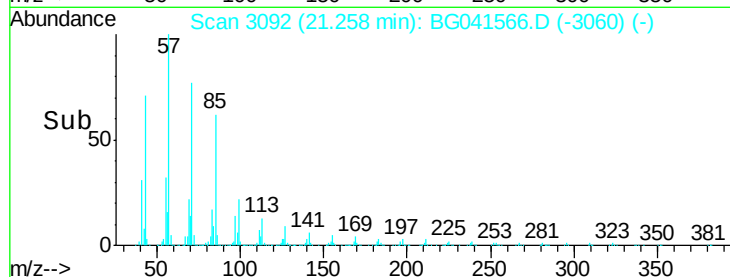
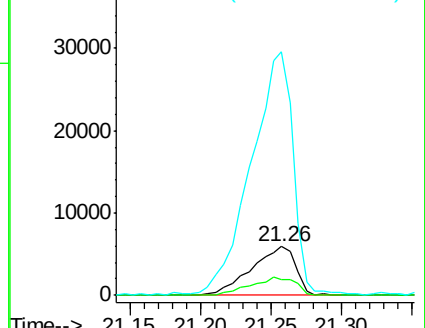
126 498.2 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

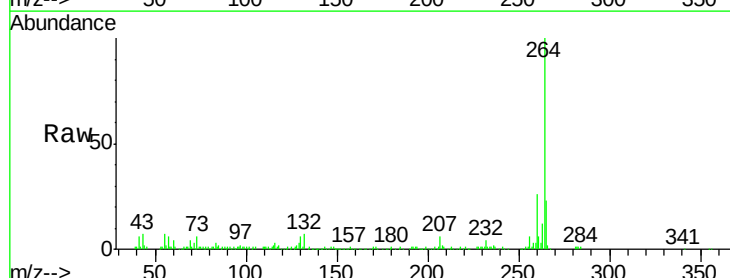
Tgt Ion:264 Resp: 243469

Ion Ratio Lower Upper

264 100

260 26.0 19.7 29.5

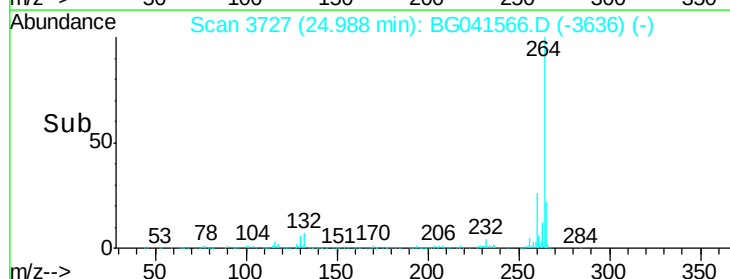
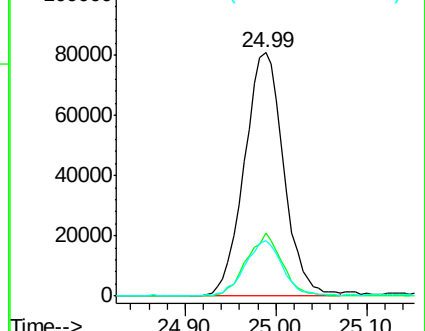
265 22.6 17.4 26.2

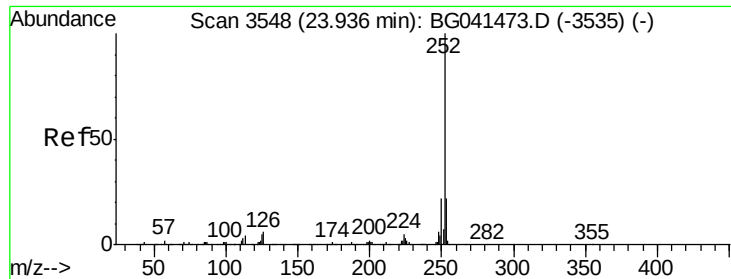


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.060 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.05 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW2

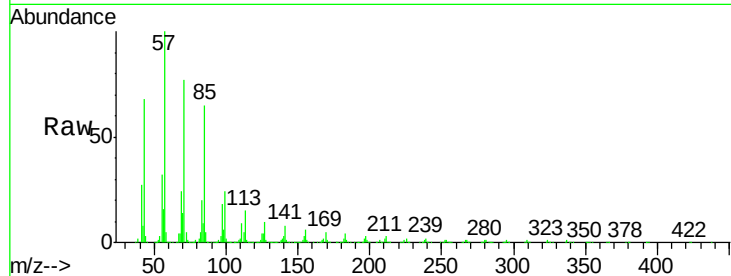
Tgt Ion:252 Resp: 31990

Ion Ratio Lower Upper

252 100

253 175.9 18.0 27.0#

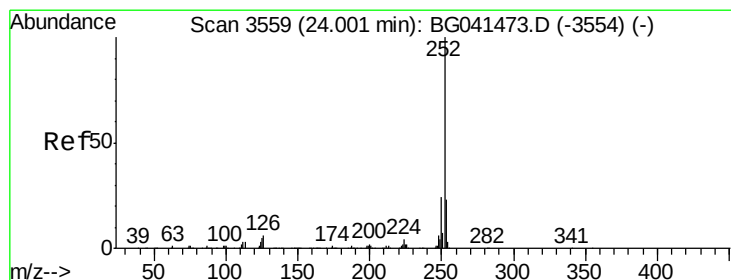
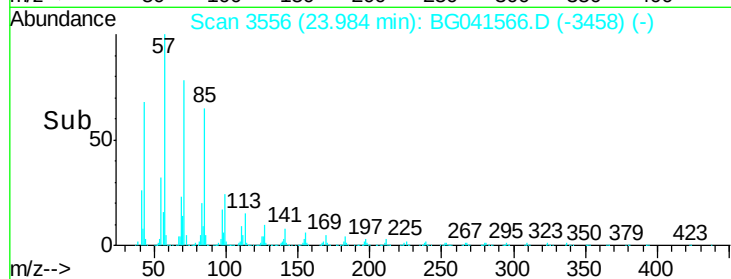
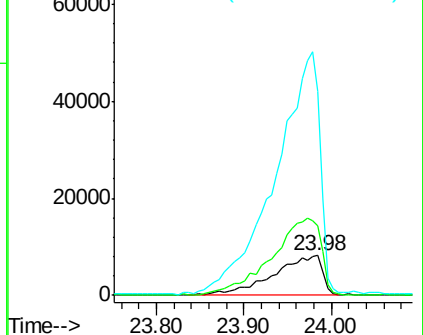
125 510.4 3.8 5.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.098 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

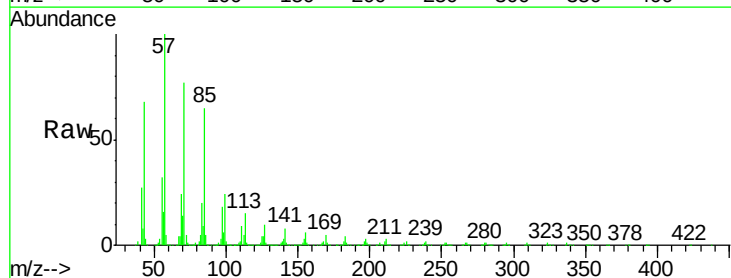
Tgt Ion:252 Resp: 31990

Ion Ratio Lower Upper

252 100

253 175.9 18.3 27.5#

125 510.4 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

