

Data File : BG044655.D
Acq On : 3 Mar 2020 7:00
Operator : CG/JU
Sample : L1743-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-9

Quant Time: Mar 03 08:18:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	64160	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	304540	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	204295	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	435362	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	395029	20.00	ng	-0.07
87) Perylene-d12	24.45	264	442565	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	419262	104.85	ng	-0.07
7) Phenol-d6	6.98	99	562670	102.80	ng	-0.07
23) Nitrobenzene-d5	8.96	82	344594	58.29	ng	-0.07
42) 2,4,6-Tribromophenol	15.94	330	228803	78.99	ng	-0.07
45) 2-Fluorobiphenyl	13.08	172	837736	58.72	ng	-0.06
79) Terphenyl-d14	19.82	244	1245340	59.68	ng	-0.06

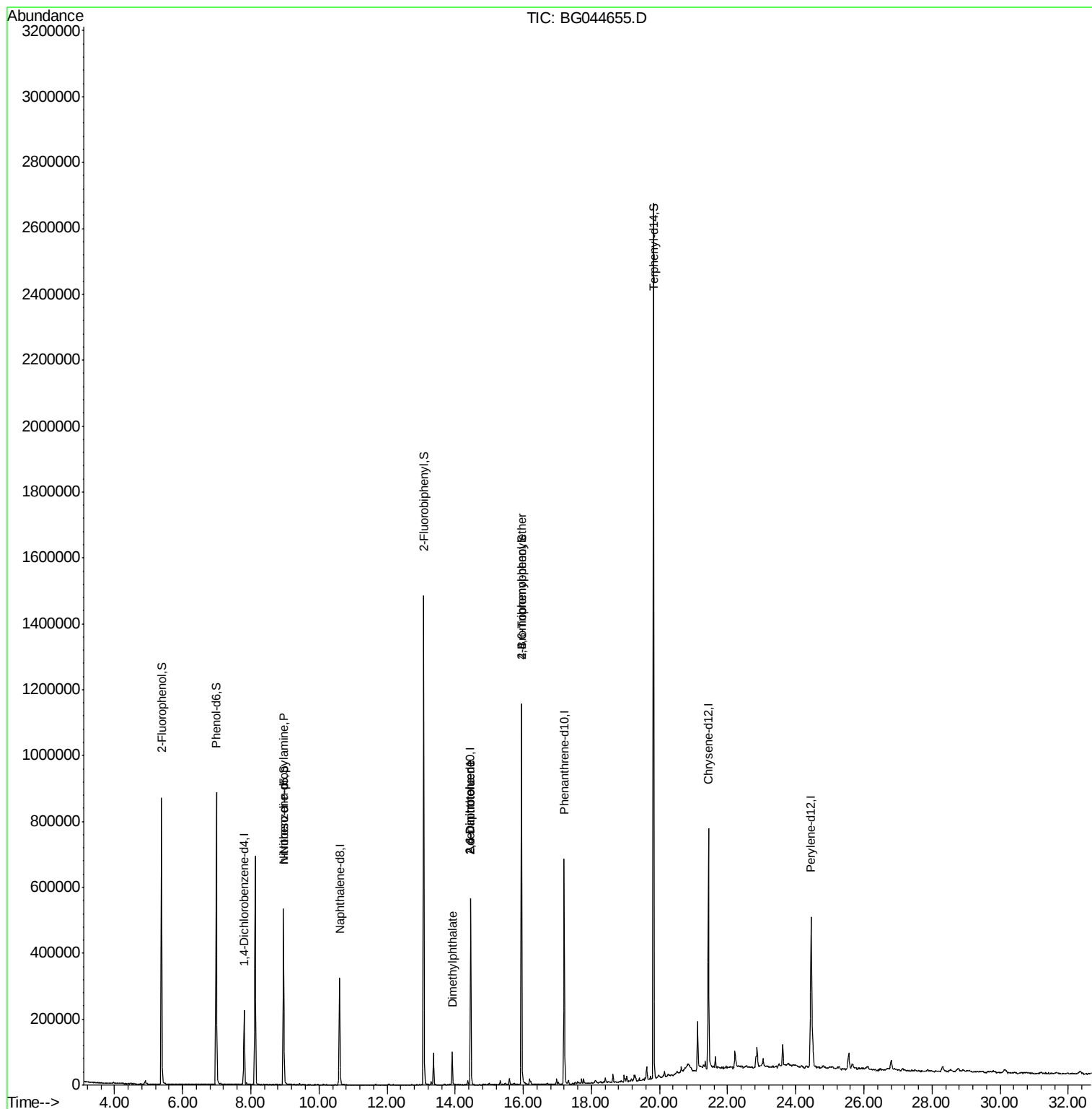
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	43664	12.410	ng	# 77
50) Dimethylphthalate	13.91	163	75447	4.576	ng	# 98
51) 2,6-Dinitrotoluene	14.45	165	27543	7.574	ng	# 32
57) 2,4-Dinitrotoluene	14.45	165	27543	5.387	ng	# 31
67) 4-Bromophenyl-phenylether	15.94	248	15685	2.902	ng	# 1

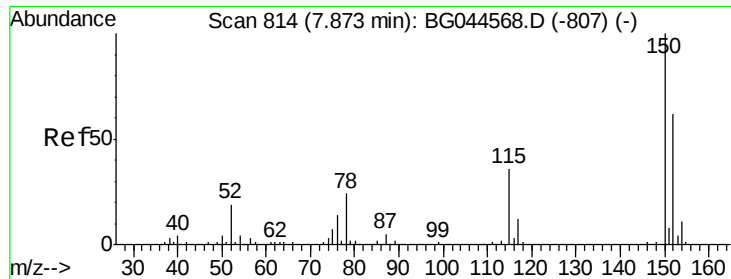
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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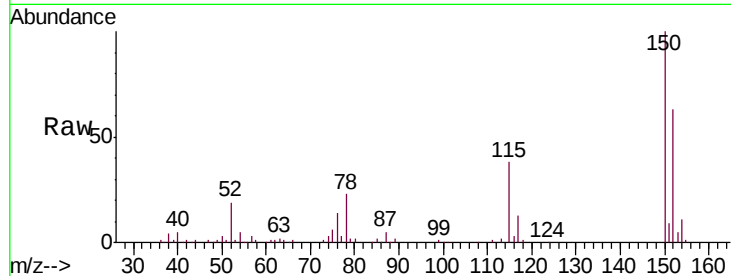


#1

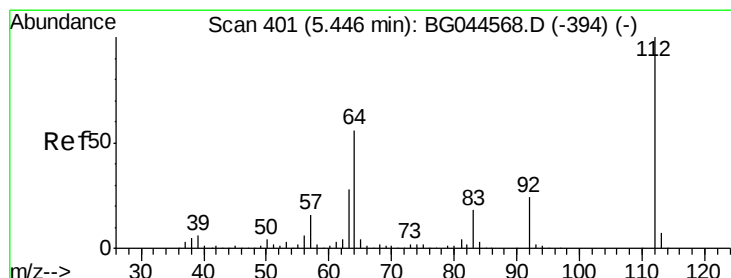
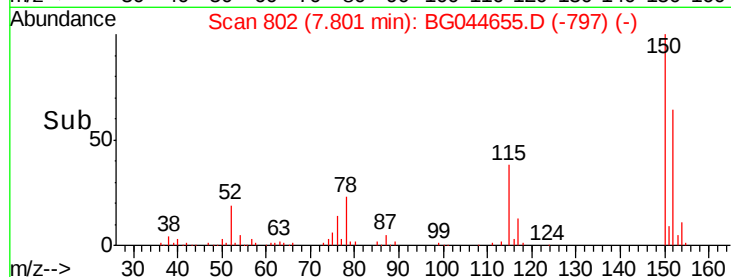
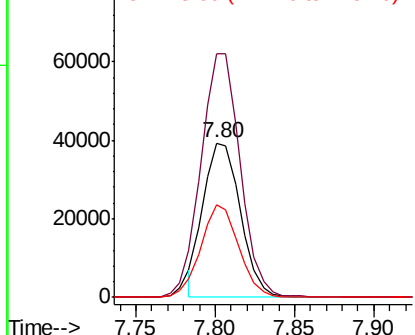
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

Instrument :
 BNA_G
 ClientSampled :
 C-9

Tgt Ion:152 Resp: 64160
 Ion Ratio Lower Upper
 152 100
 150 157.8 128.9 193.3
 115 60.4 47.0 70.4



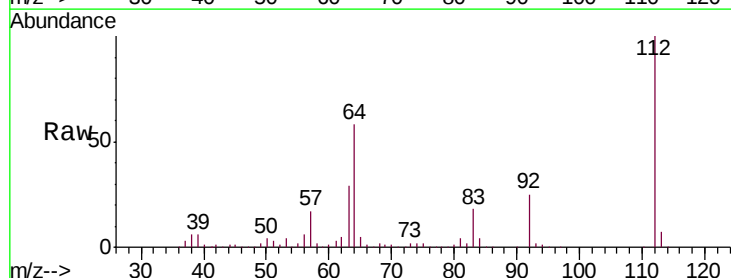
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



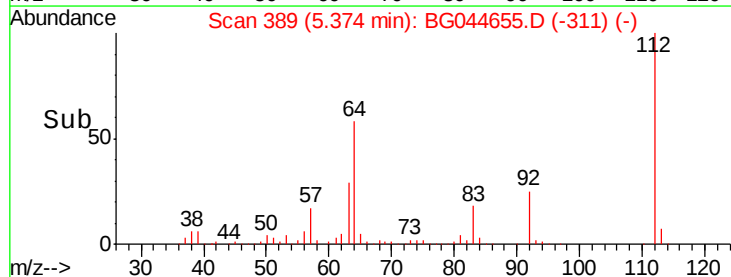
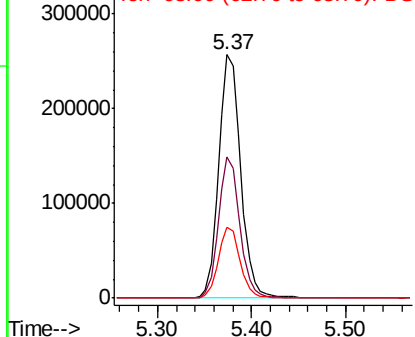
#5

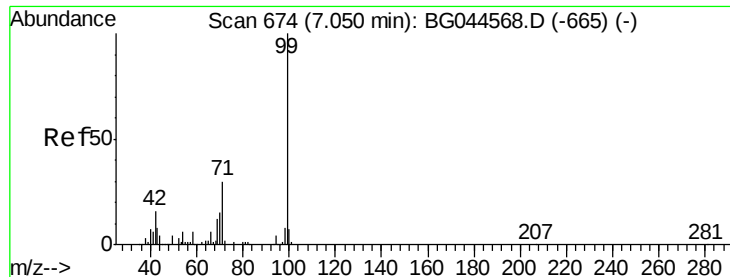
2-Fluorophenol
 Concen: 104.846 ng
 RT: 5.37 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

Tgt Ion:112 Resp: 419262
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.8 67.2
 63 29.1 22.3 33.5



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: 102.796 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044655.D

Acq: 3 Mar 2020 7:00

Instrument :

BNA_G

ClientSampleId :

C-9

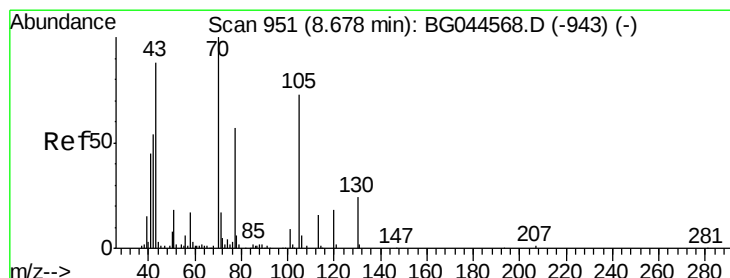
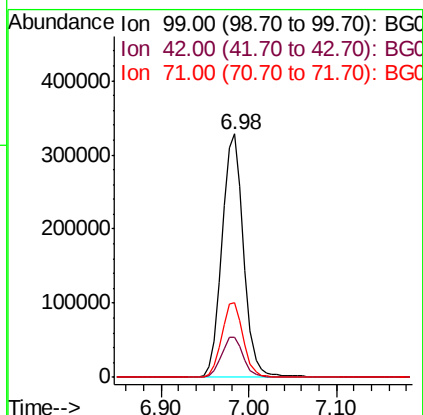
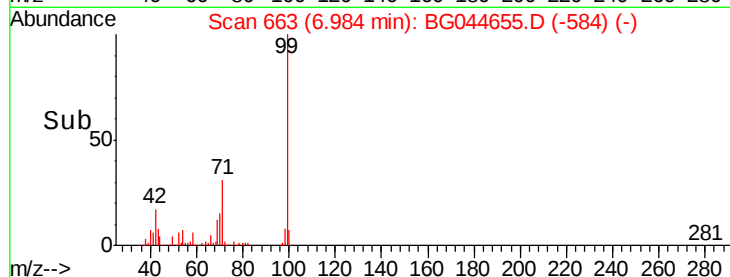
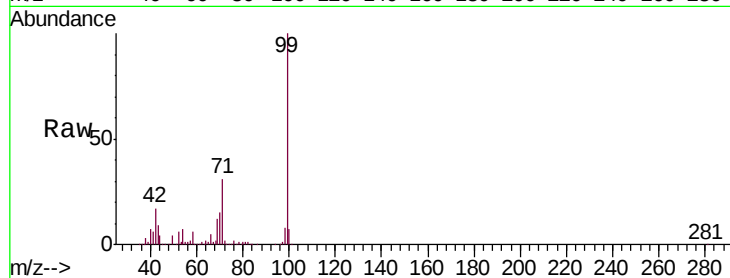
Tgt Ion: 99 Resp: 562670

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

71 30.8 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.410 ng

RT: 8.96 min Scan# 1000

Delta R.T. 0.29 min

Lab File: BG044655.D

Acq: 3 Mar 2020 7:00

Tgt Ion: 70 Resp: 43664

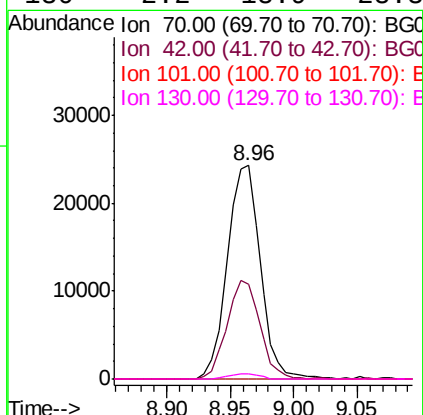
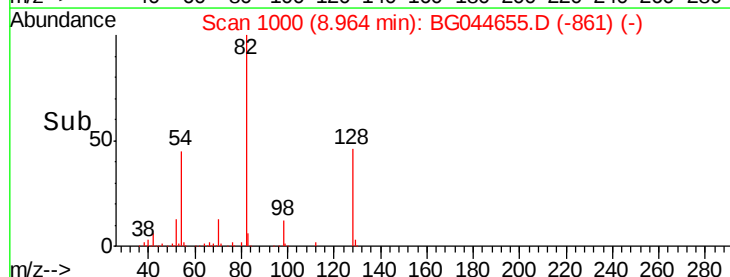
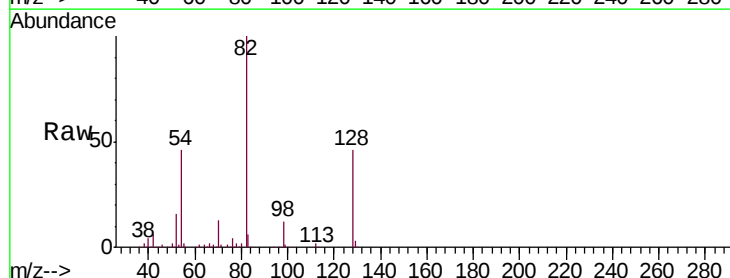
Ion Ratio Lower Upper

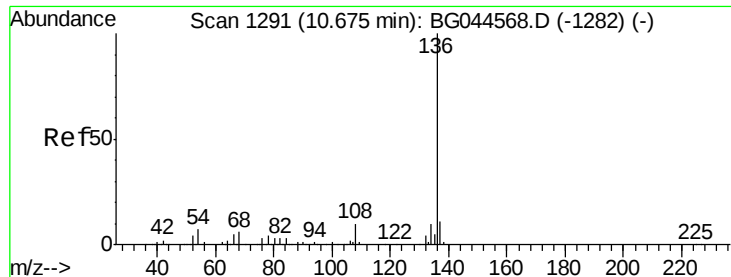
70 100

42 44.1 43.4 65.0

101 0.0 7.5 11.3#

130 2.2 18.9 28.3#

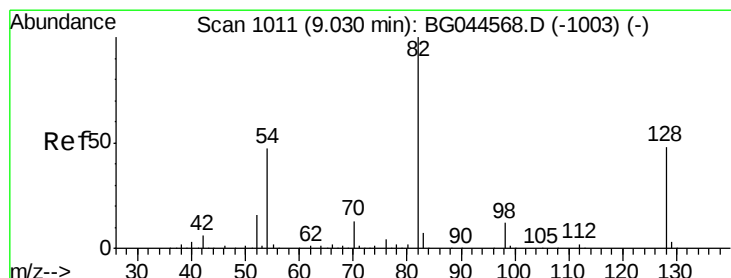
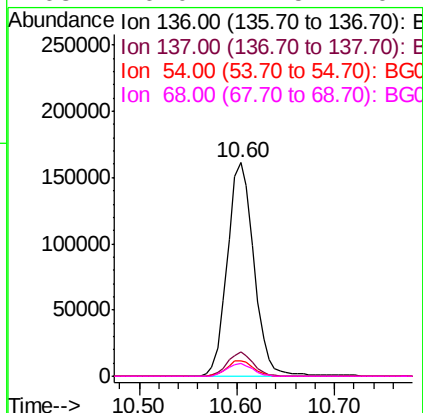
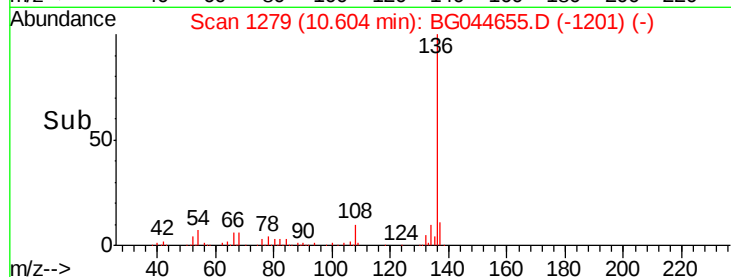
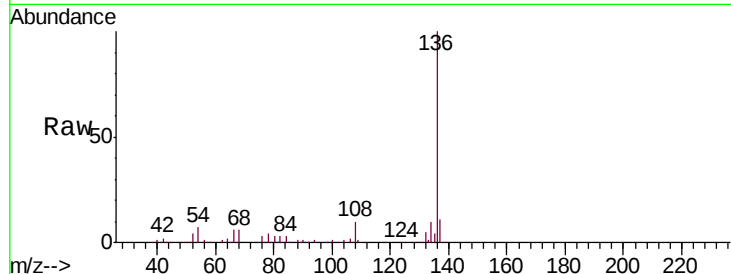




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

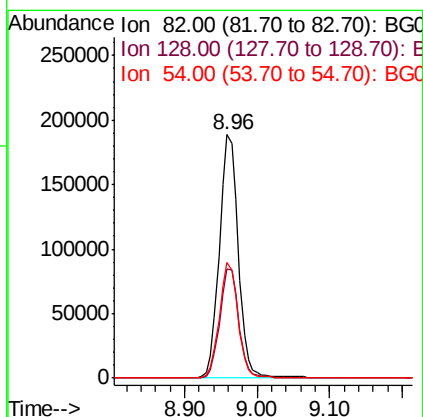
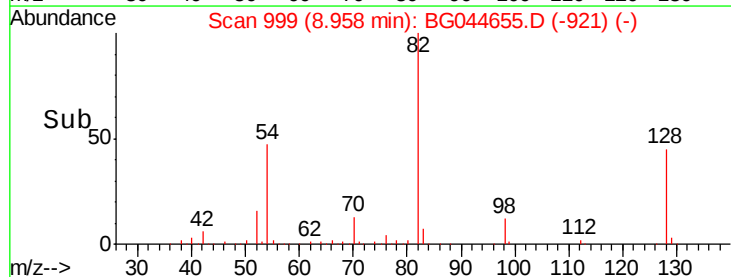
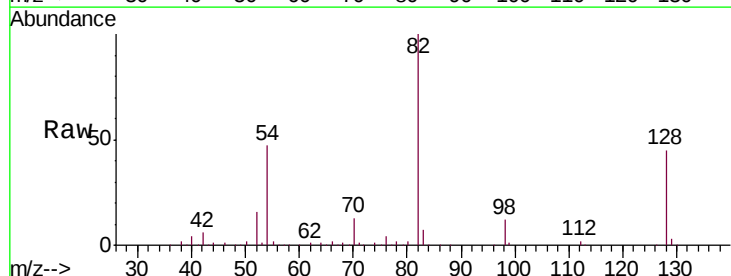
Instrument :
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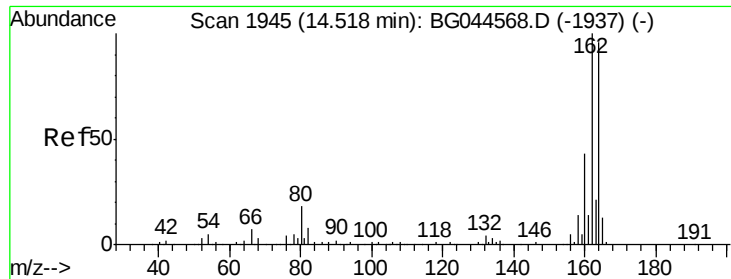
Tgt Ion:	136	Resp:	304540
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	5.7	8.5
68	6.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 58.294 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

Tgt Ion:	82	Resp:	344594
Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.1	57.1
54	47.4	37.5	56.3

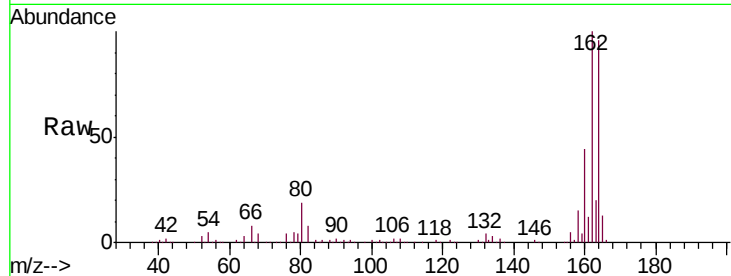




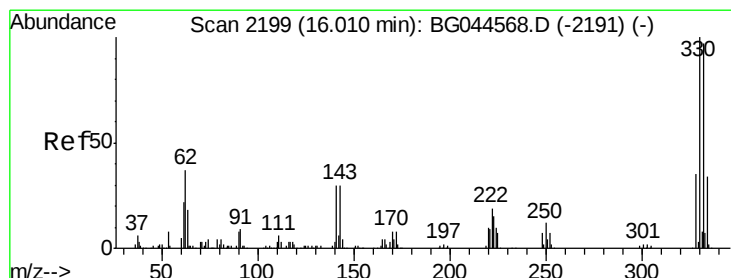
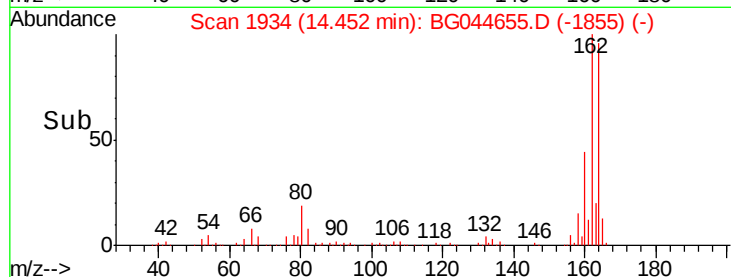
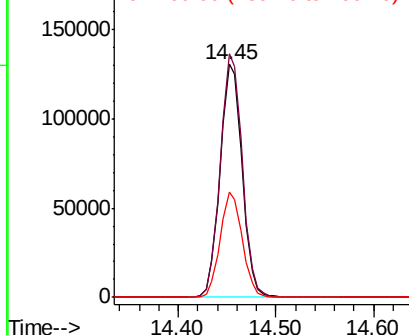
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.07 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:164 Resp: 204295
Ion Ratio Lower Upper
164 100
162 104.6 83.6 125.4
160 45.5 36.2 54.4

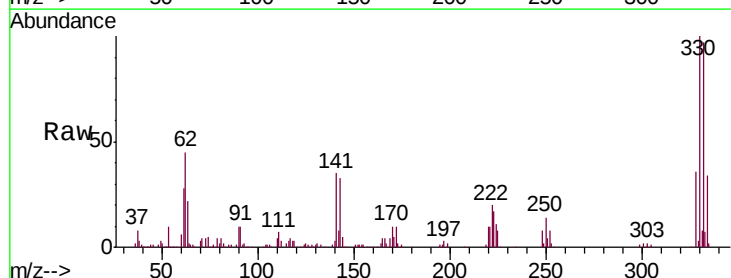


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

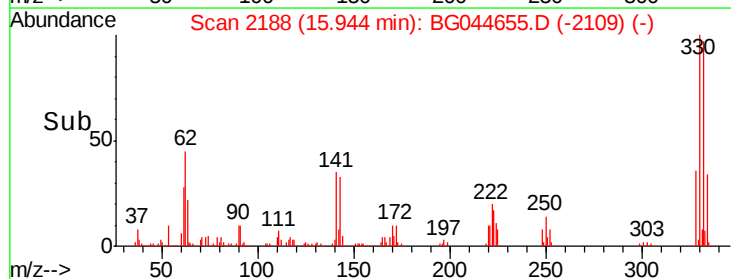
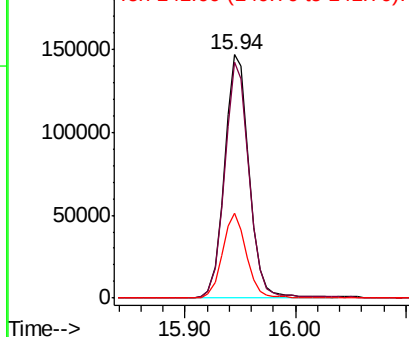


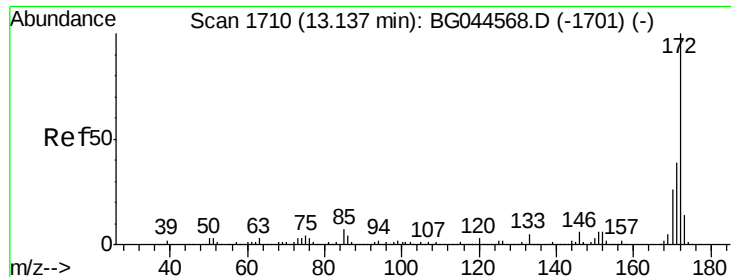
#42
2,4,6-Tribromophenol
Concen: 78.986 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.07 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

Tgt Ion:330 Resp: 228803
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 34.1 26.1 39.1



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

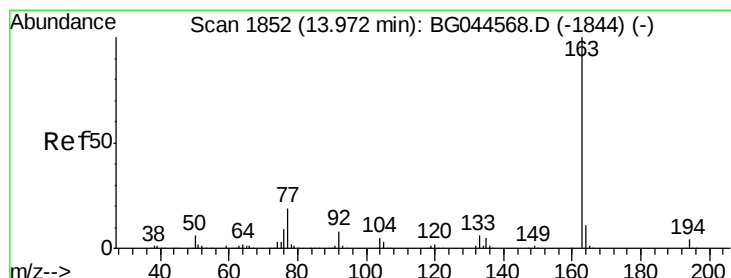
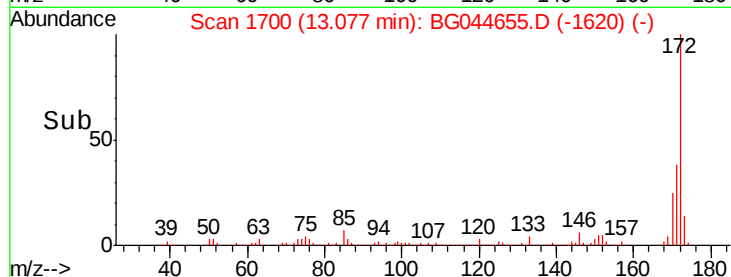
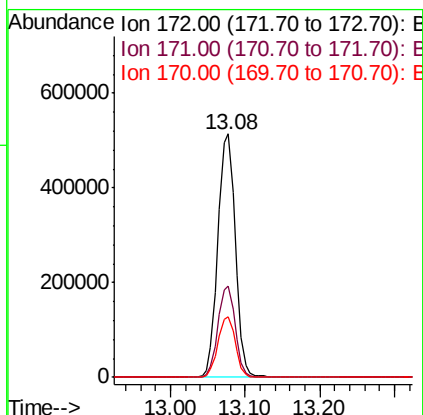
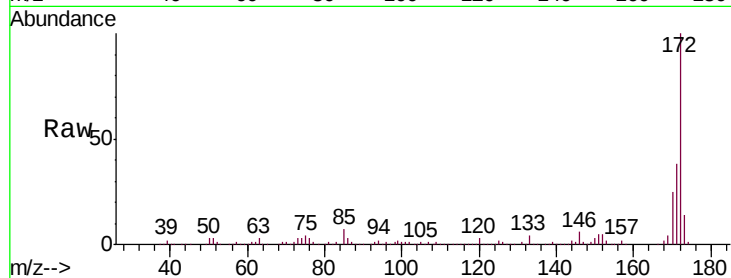




#45
 2-Fluorobiphenyl
 Concen: 58.720 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

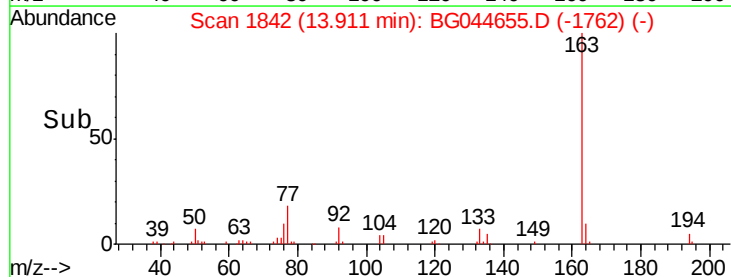
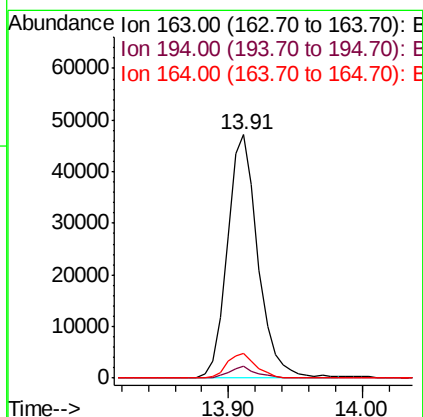
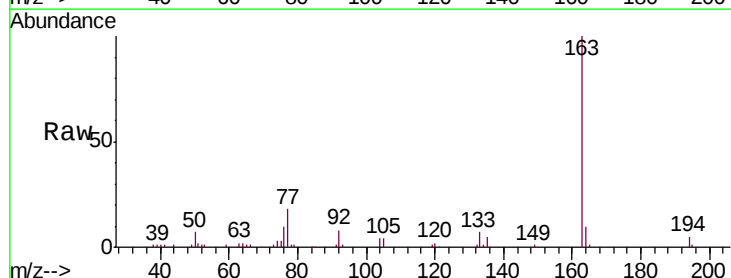
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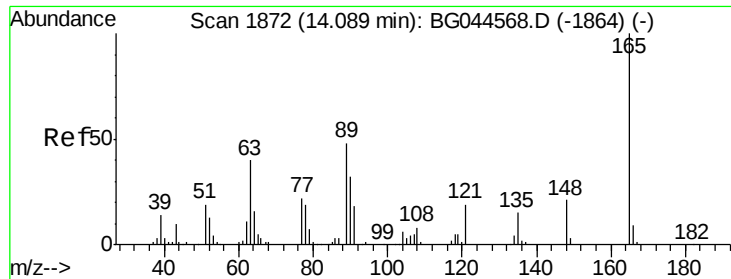
Tgt Ion:172 Resp: 837736
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 24.9 21.0 31.4



#50
 Dimethylphthalate
 Concen: 4.576 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

Tgt Ion:163 Resp: 75447
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.4 5.0
 164 9.9 8.7 13.1

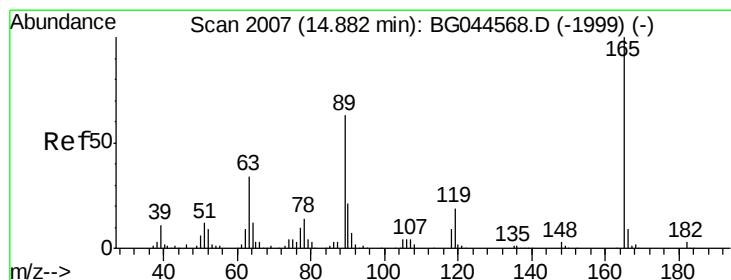
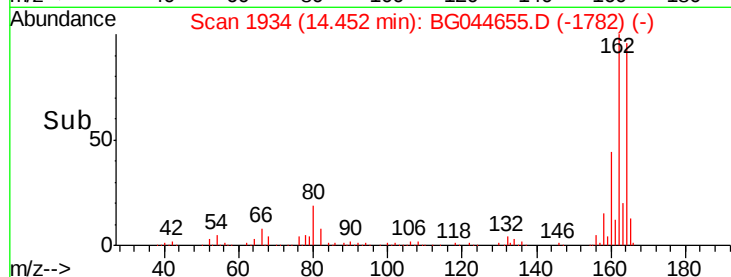
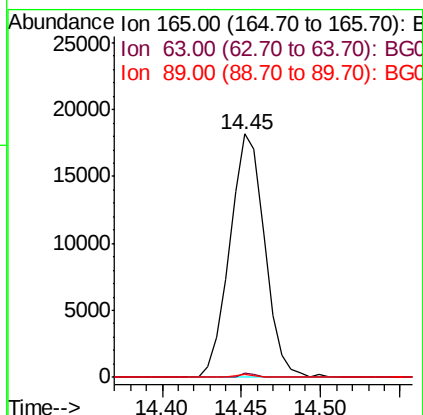
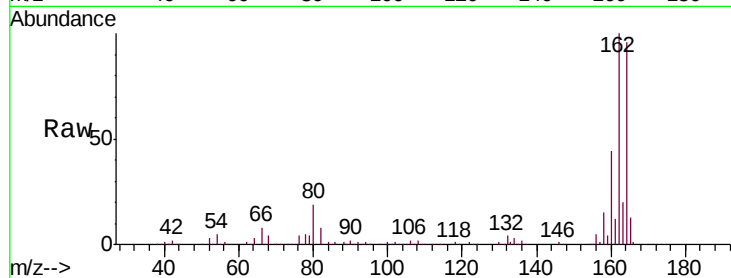




#51
 2,6-Dinitrotoluene
 Concen: 7.574 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

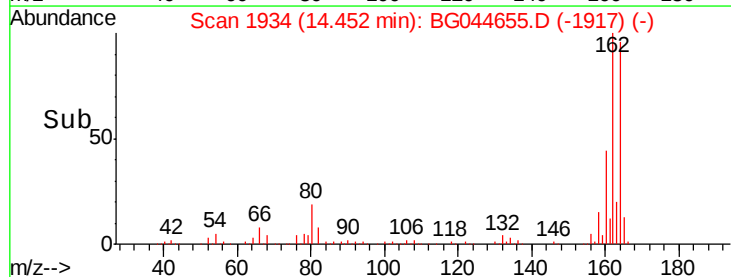
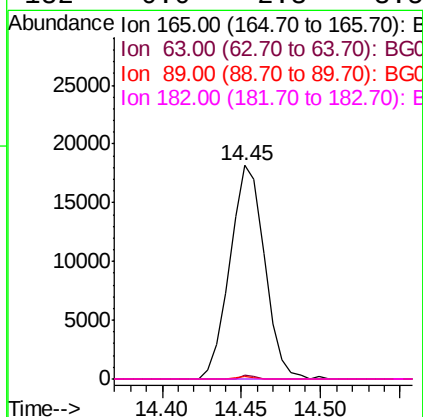
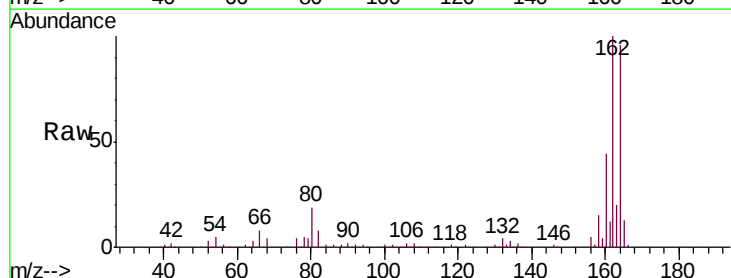
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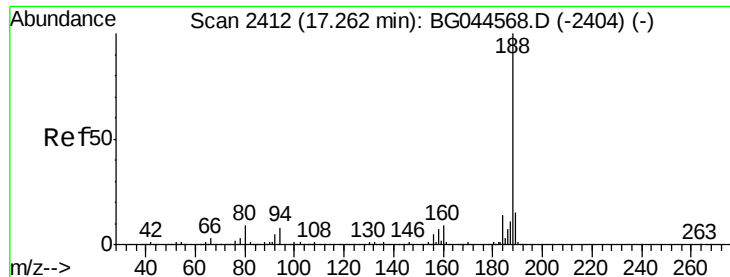
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.8	53.6#
89	1.4	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.387 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044655.D
 Acq: 3 Mar 2020 7:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.5	41.3#
89	1.4	50.0	75.0#
182	0.0	2.3	3.5#

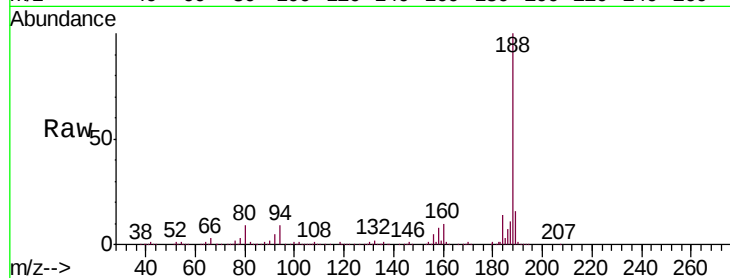




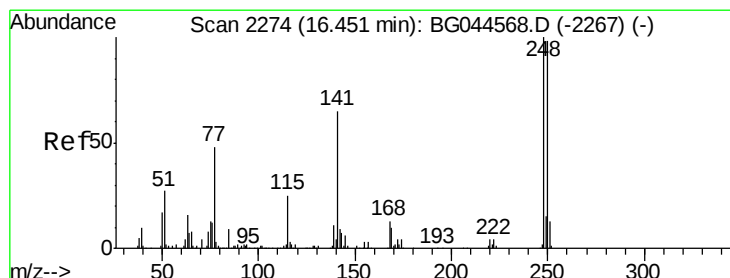
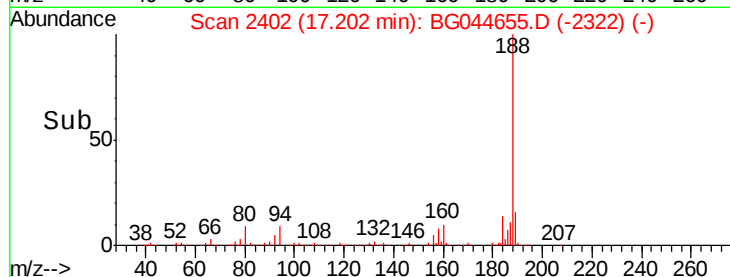
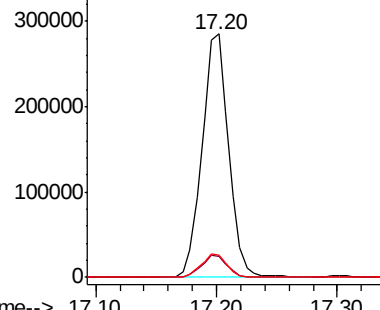
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

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Tgt Ion:188 Resp: 435362
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.9 7.6 11.4

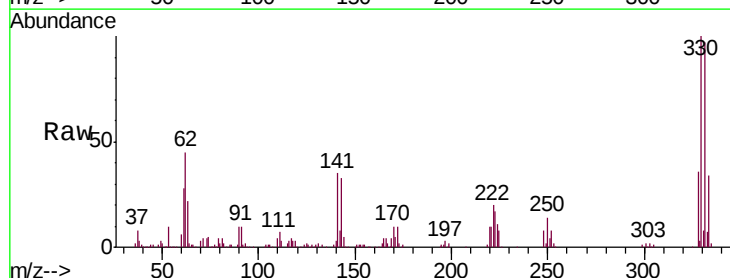


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

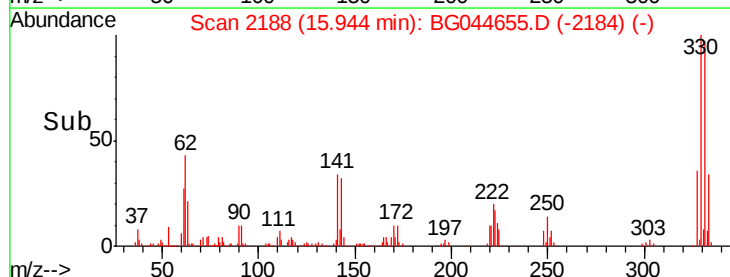
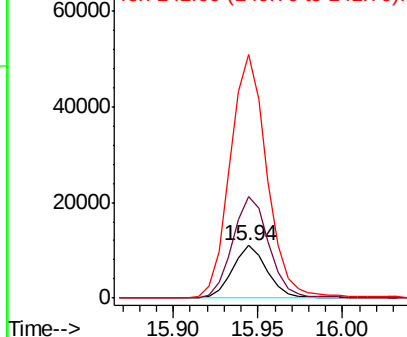


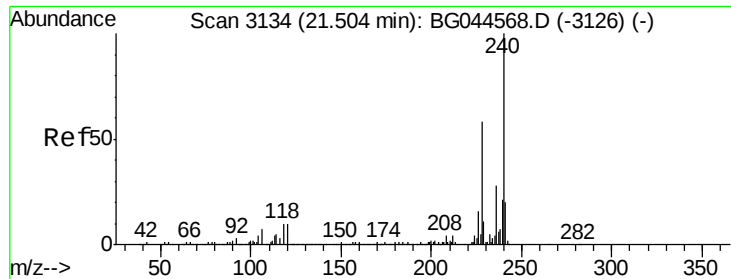
#67
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.51 min
Lab File: BG044655.D
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Tgt Ion:248 Resp: 15685
Ion Ratio Lower Upper
248 100
250 191.7 78.7 118.1#
141 460.7 52.3 78.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

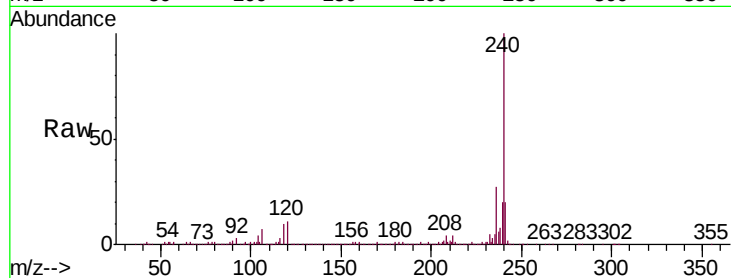




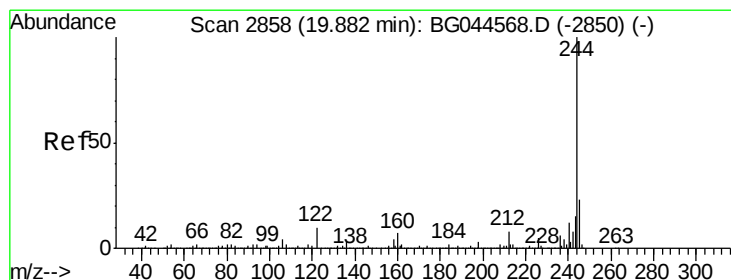
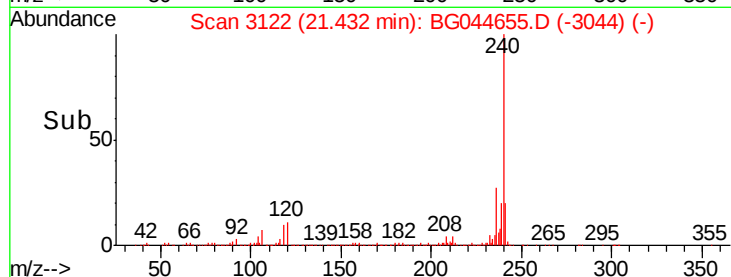
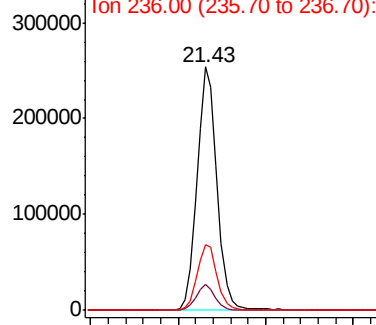
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

Instrument :
BNA_G
ClientSampleId :
C-9

Tgt Ion:240 Resp: 395029
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 27.0 22.3 33.5

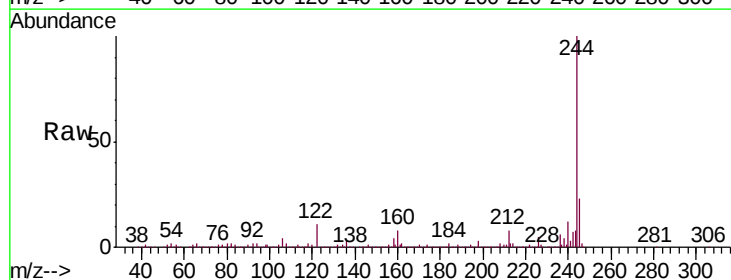


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

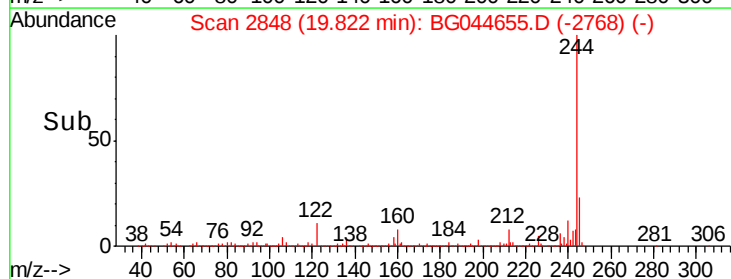
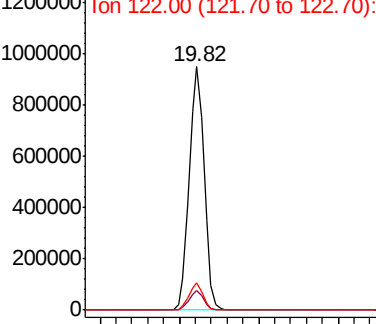


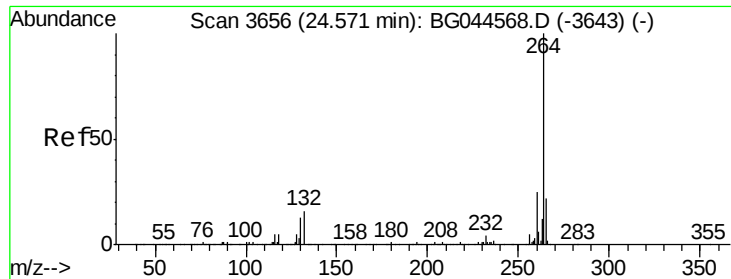
#79
Terphenyl-d14
Concen: 59.679 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044655.D
Acq: 3 Mar 2020 7:00

Tgt Ion:244 Resp: 1245340
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.0 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.45 min Scan# 3635

Delta R.T. -0.12 min

Lab File: BG044655.D

Acq: 3 Mar 2020 7:00

Instrument :

BNA_G

ClientSampleId :

C-9

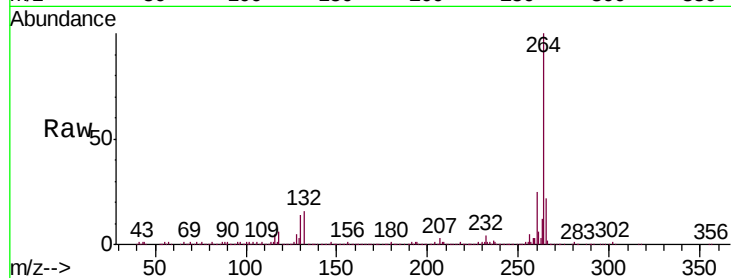
Tgt Ion: 264 Resp: 442565

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 22.3 17.8 26.8



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

