

Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Time: Jan 22 06:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

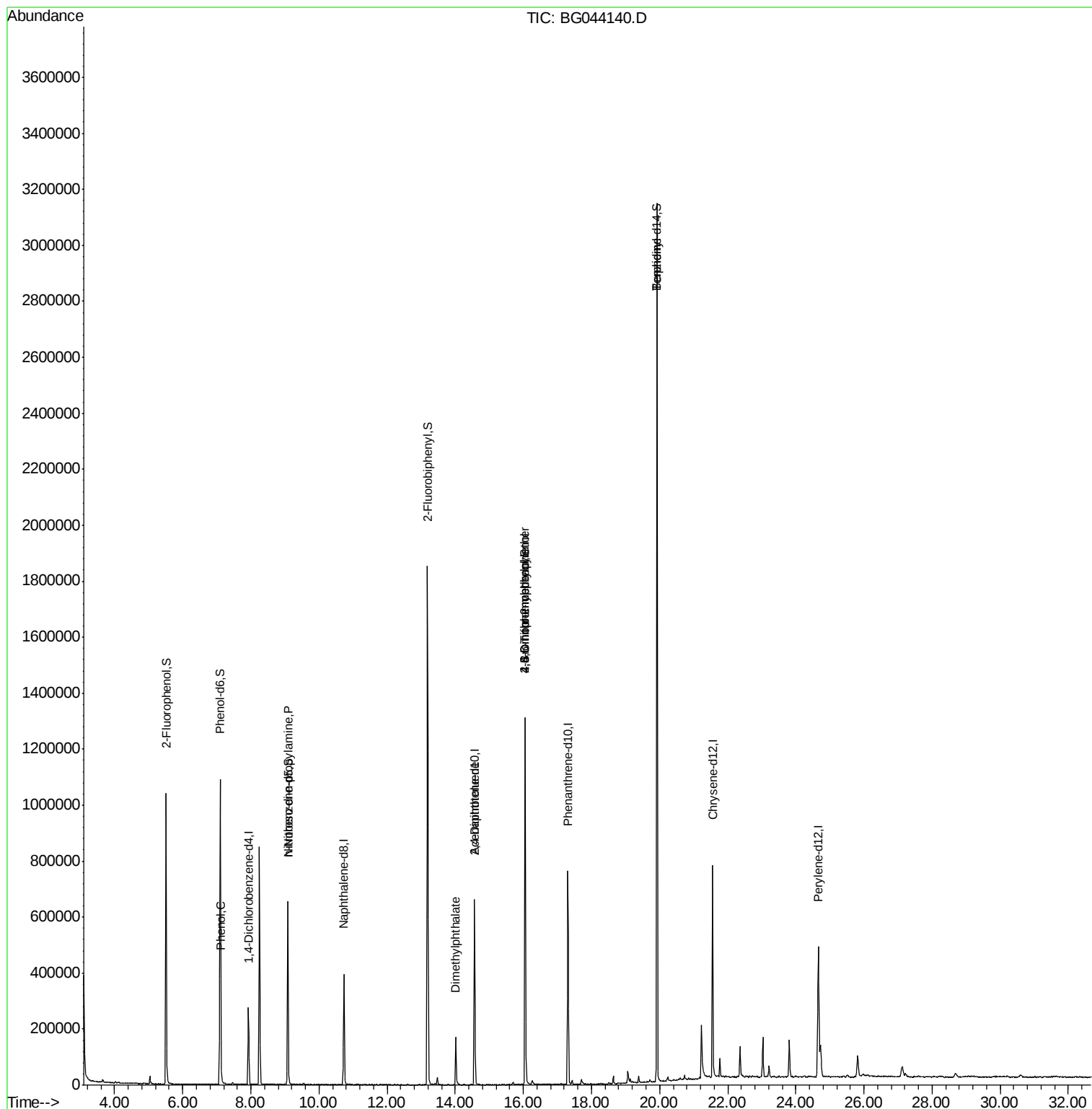
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83049	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	365530	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	251257	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	512860	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	430718	20.00	ng	-0.04
87) Perylene-d12	24.66	264	479930	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	509482	112.64	ng	-0.03
7) Phenol-d6	7.10	99	702308	111.08	ng	-0.02
23) Nitrobenzene-d5	9.09	82	431036	63.08	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	261401	99.42	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1038924	74.91	ng	-0.04
79) Terphenyl-d14	19.92	244	1494432	83.18	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	17376	2.667	ng	85
19) n-Nitroso-di-n-propylamine	9.09	70	55110	11.705	ng	# 78
50) Dimethylphthalate	14.02	163	134390	7.533	ng	96
57) 2,4-Dinitrotoluene	14.56	165	33381	6.084	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	814	4.670	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	18560	3.218	ng	# 1
77) Benizidine	19.92	184	24837	2.294	ng	# 89

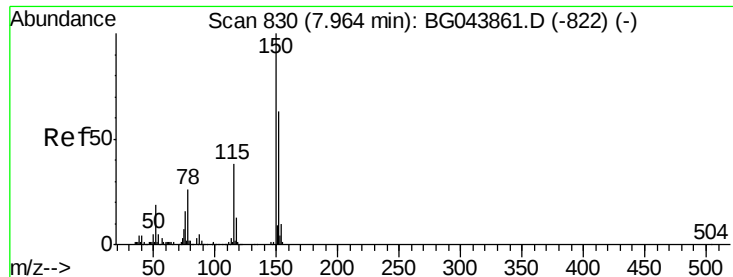
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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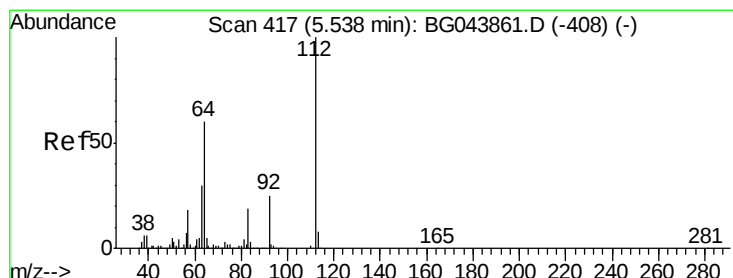
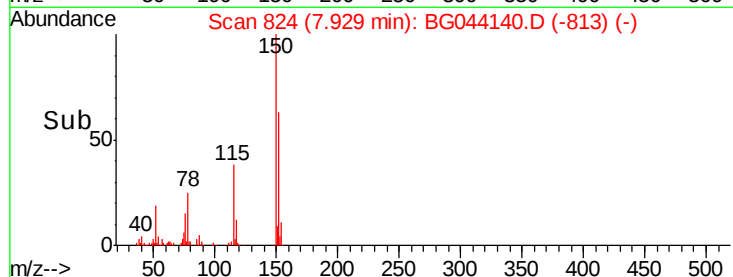
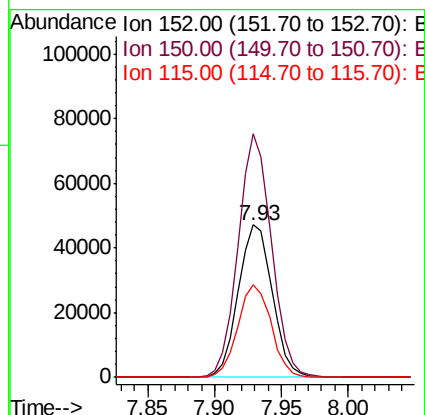
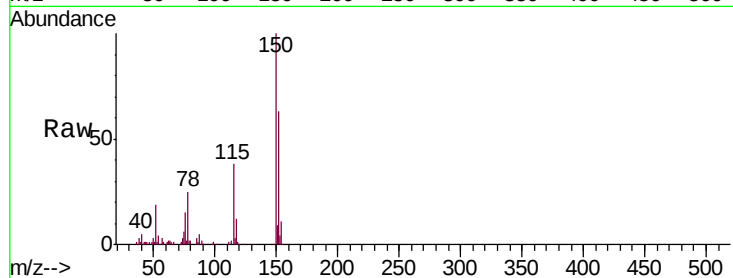


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Instrument :
BNA_G
ClientSampleId :
EP-3

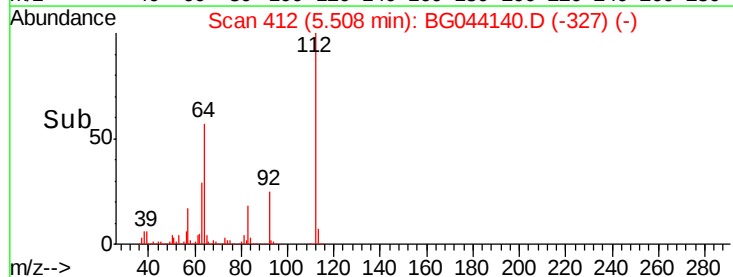
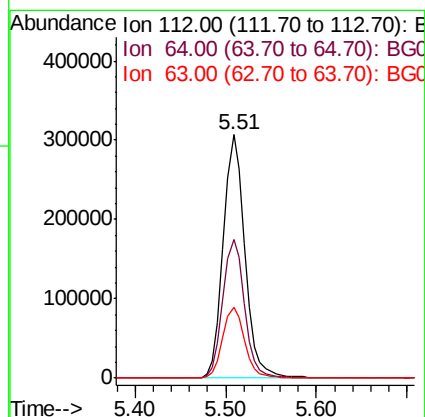
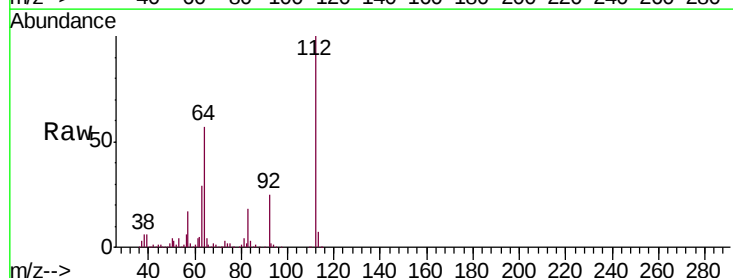
Tgt Ion:152 Resp: 83049
Ion Ratio Lower Upper
152 100
150 159.8 127.0 190.4
115 61.1 47.8 71.8



#5

2-Fluorophenol
Concen: 112.641 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt Ion:112 Resp: 509482
Ion Ratio Lower Upper
112 100
64 56.9 47.8 71.6
63 28.9 24.3 36.5





#7

Phenol-d6

Concen: 111.082 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

EP-3

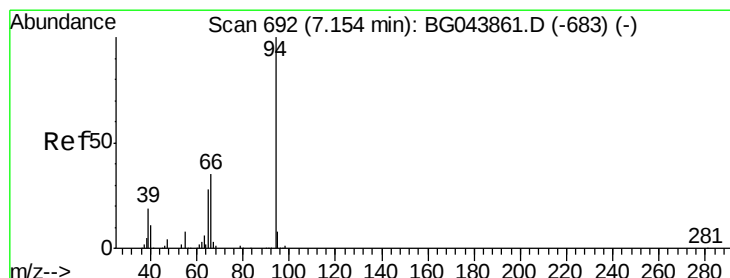
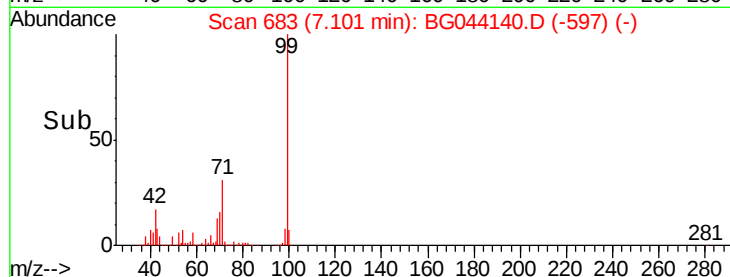
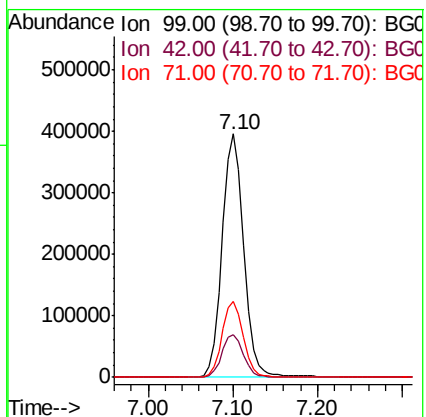
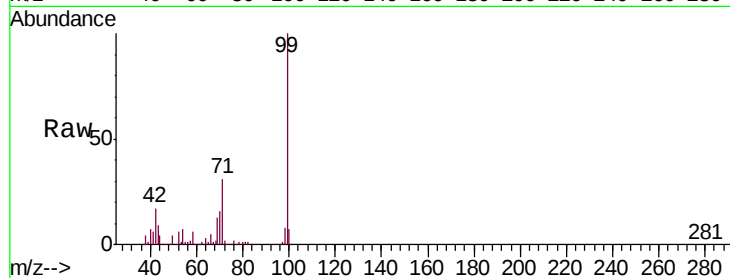
Tgt Ion: 99 Resp: 702308

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 31.0 26.4 39.6



#10

Phenol

Concen: 2.667 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

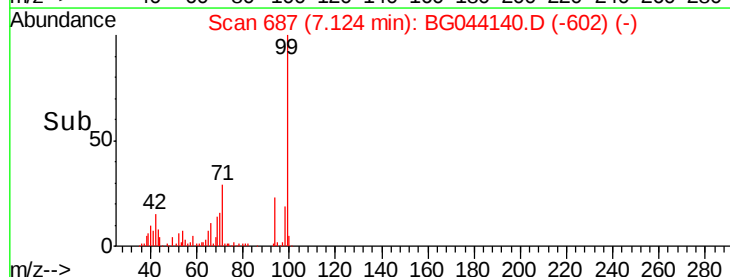
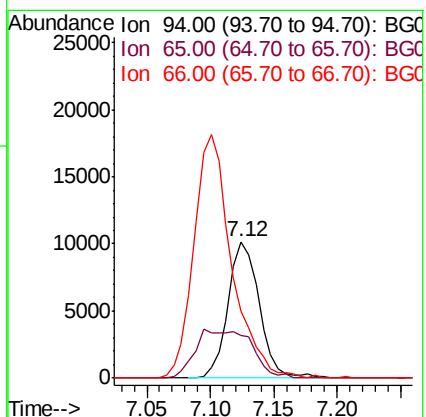
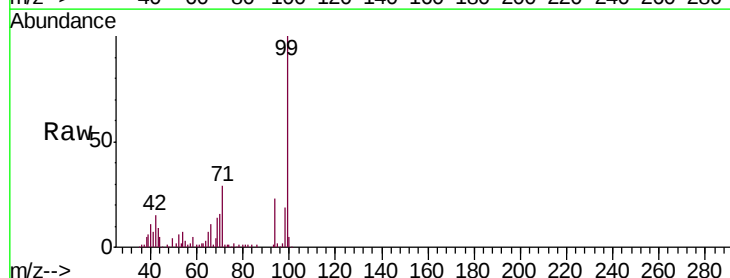
Tgt Ion: 94 Resp: 17376

Ion Ratio Lower Upper

94 100

65 30.8 8.1 48.1

66 49.3 15.6 55.6

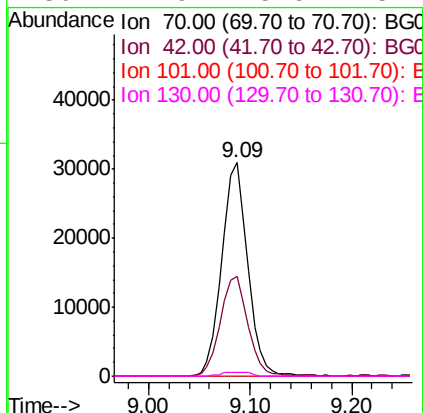
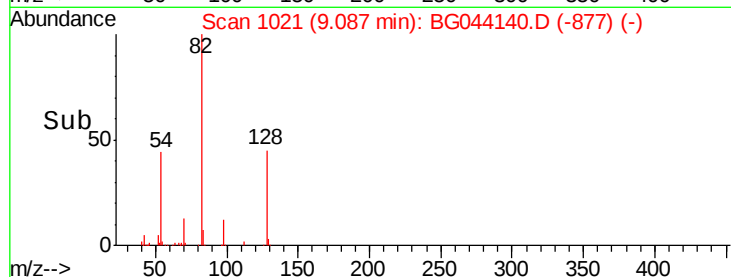
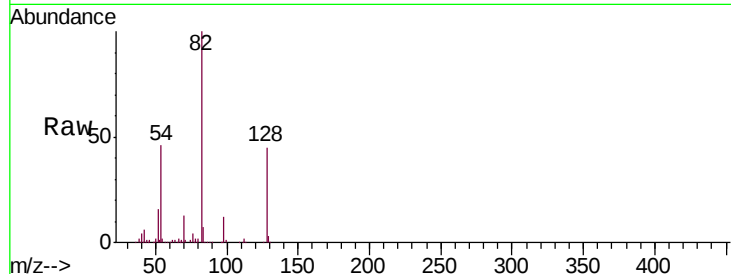




#19
n-Nitroso-di-n-propylamine
Concen: 11.705 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

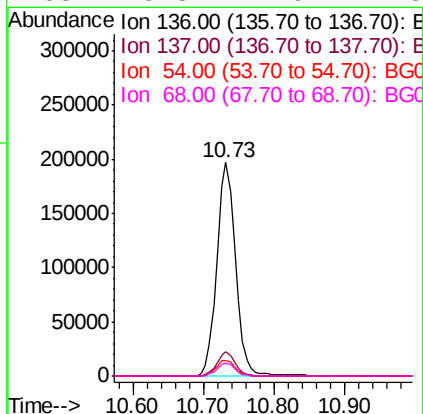
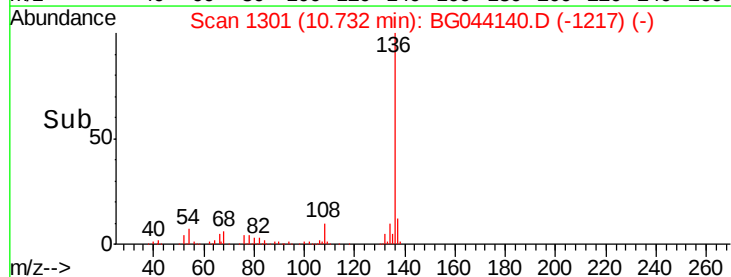
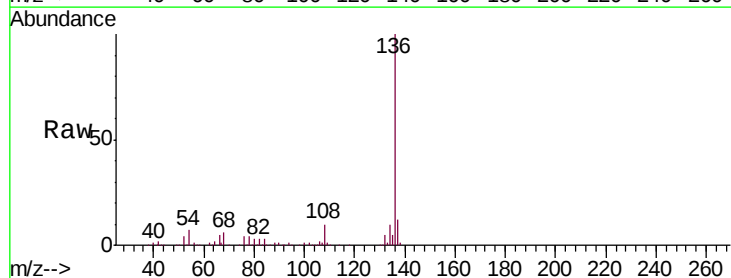
Instrument :
BNA_G
ClientSampled :
EP-3

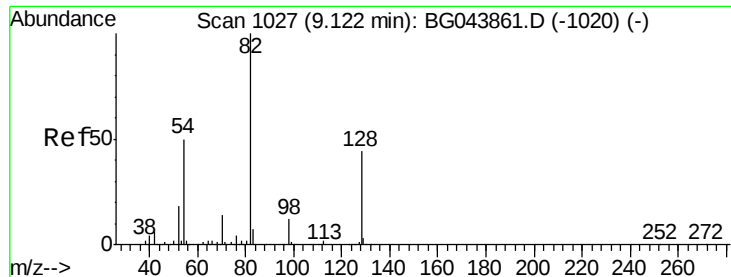
Tgt Ion: 70 Resp: 55110
Ion Ratio Lower Upper
70 100
42 46.5 47.0 70.4#
101 0.0 7.2 10.8#
130 1.9 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt Ion: 136 Resp: 365530
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.1 7.0 10.4
68 5.8 4.9 7.3

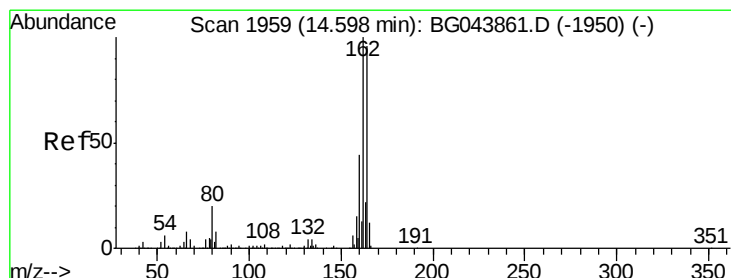
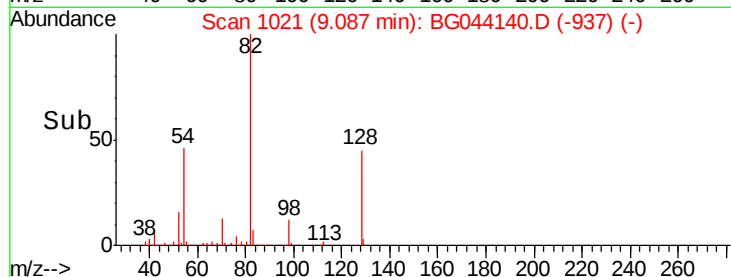
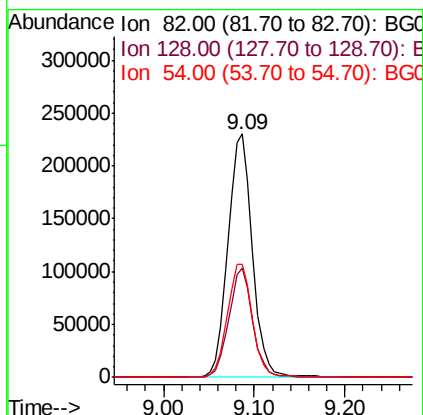
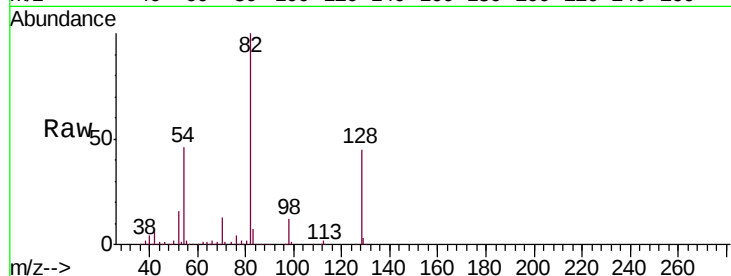




#23
 Nitrobenzene-d5
 Concen: 63.083 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

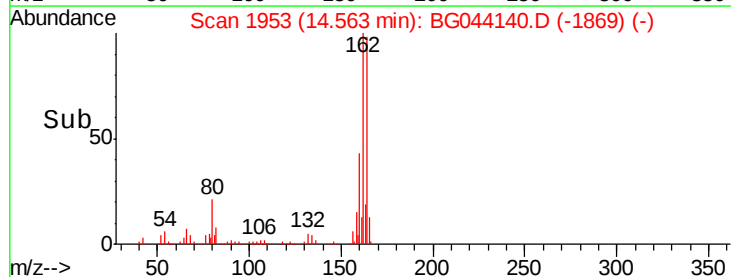
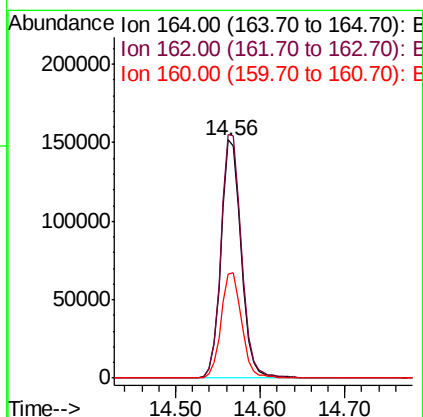
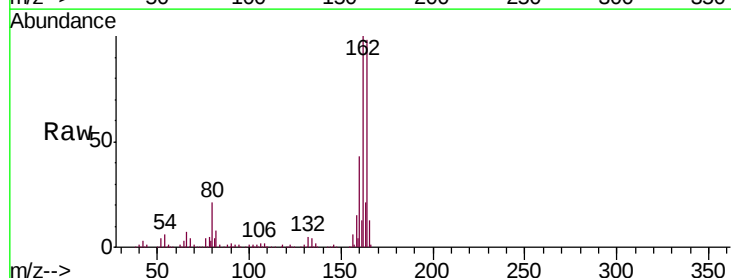
Instrument :
 BNA_G
 ClientSampleId :
 EP-3

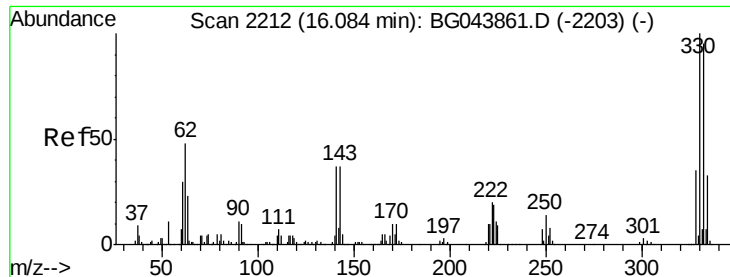
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	46.4	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	44.0	36.1	54.1

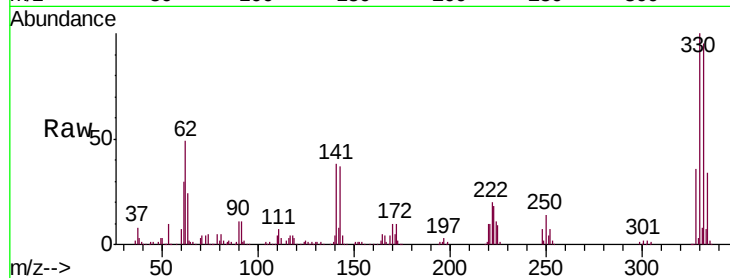




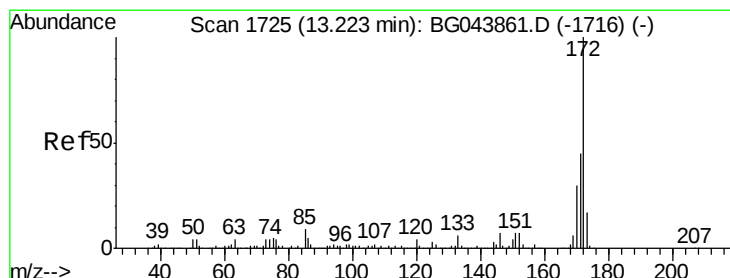
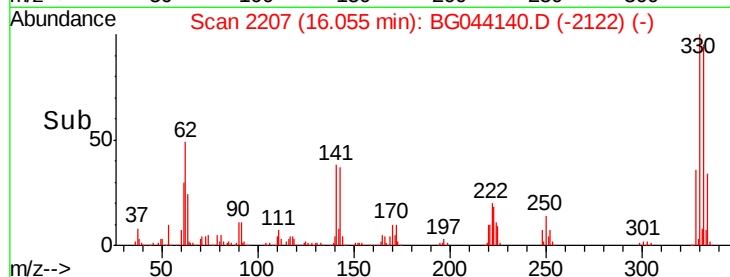
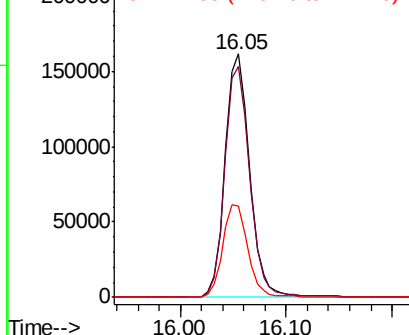
#42
 2,4,6-Tribromophenol
 Concen: 99.416 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 EP-3

Tgt Ion:330 Resp: 261401
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 39.4 33.1 49.7

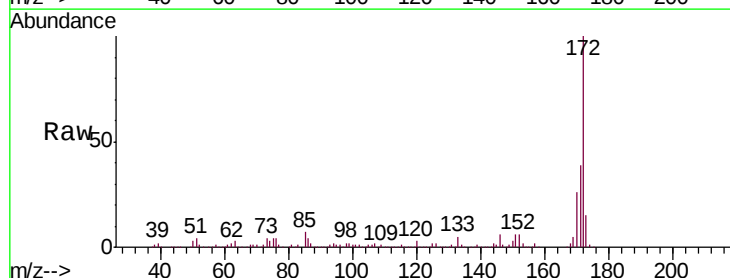


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

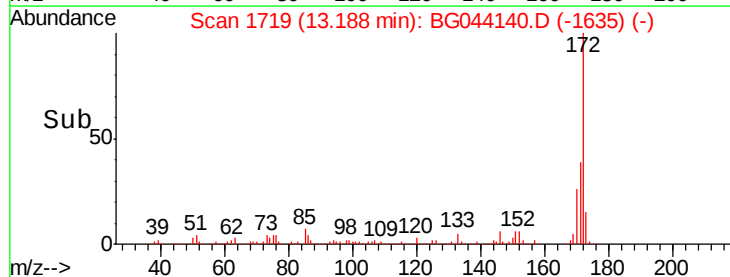
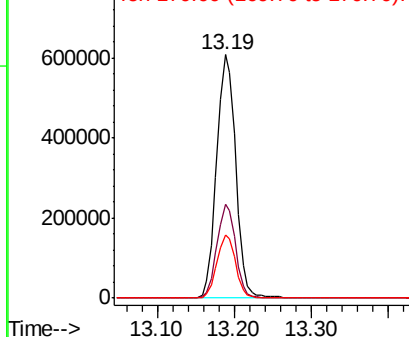


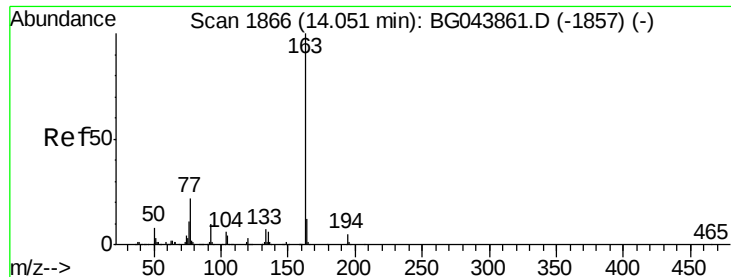
#45
 2-Fluorobiphenyl
 Concen: 74.915 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

Tgt Ion:172 Resp: 1038924
 Ion Ratio Lower Upper
 172 100
 171 38.8 35.8 53.8
 170 26.1 24.2 36.4



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: 7.533 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.04 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

EP-3

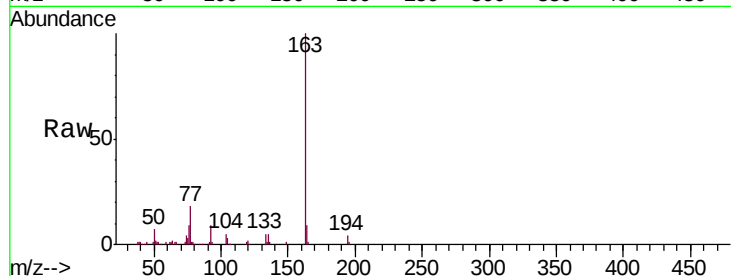
Tgt Ion:163 Resp: 134390

Ion Ratio Lower Upper

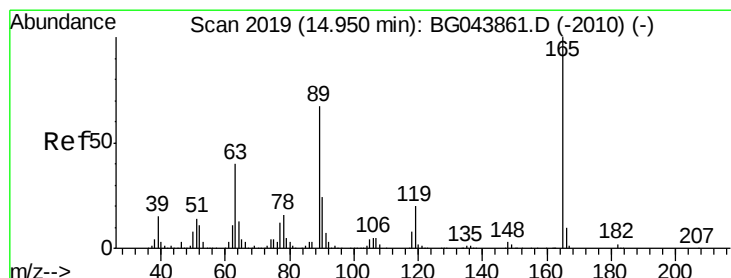
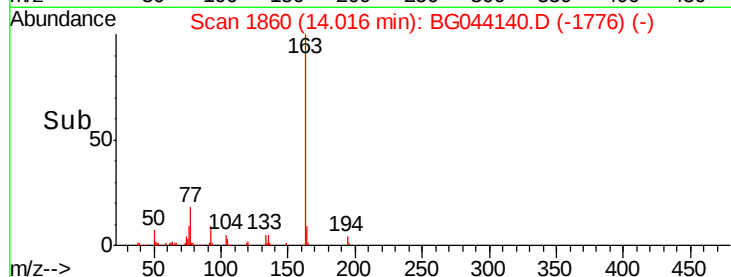
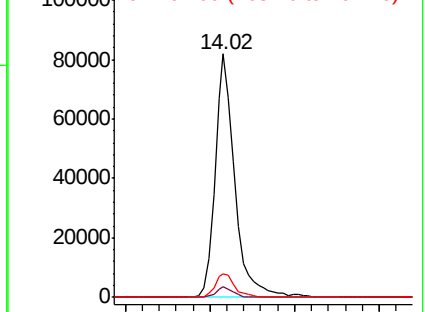
163 100

194 4.3 3.7 5.5

164 9.5 9.3 13.9



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



#57

2,4-Dinitrotoluene

Concen: 6.084 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Tgt Ion:165 Resp: 33381

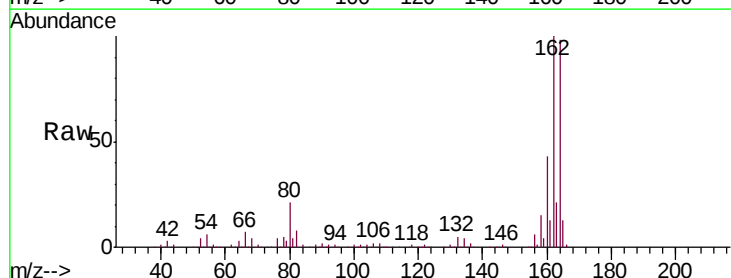
Ion Ratio Lower Upper

165 100

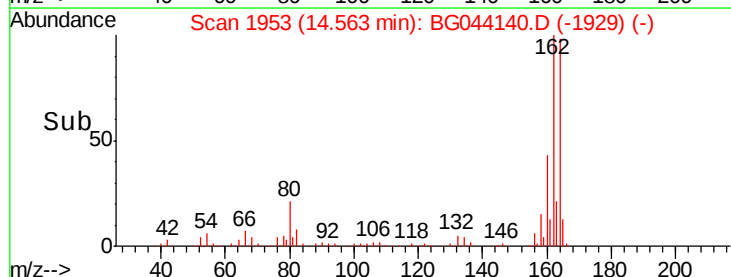
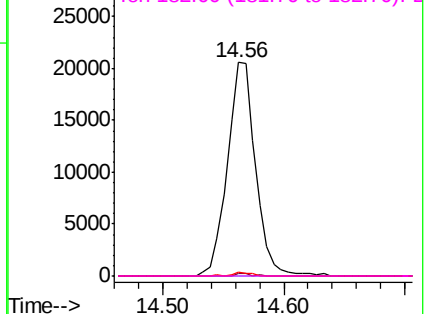
63 1.3 31.9 47.9#

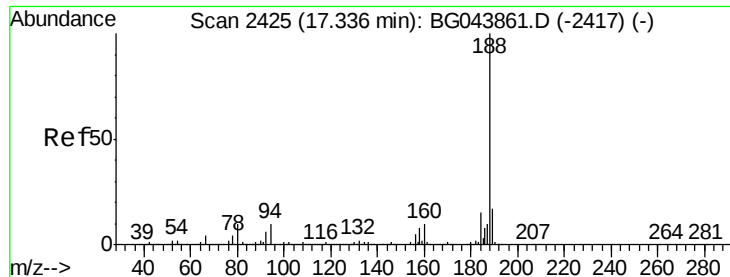
89 1.9 53.8 80.6#

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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

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ClientSampleId :

EP-3

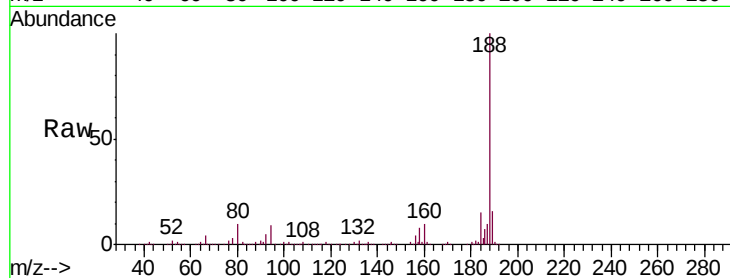
Tgt Ion:188 Resp: 512860

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.9 8.2 12.4

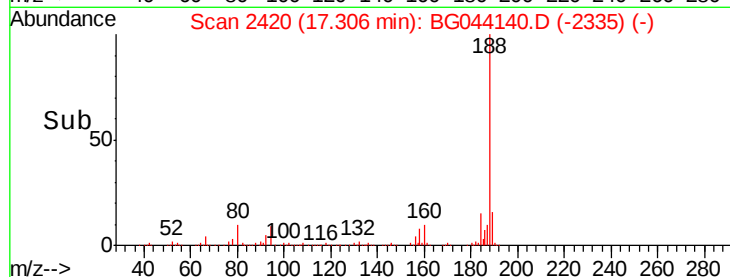


Abundance Ion 188.00 (187.70 to 188.70): E

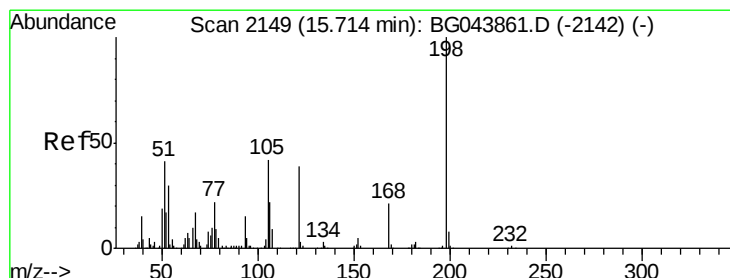
Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

Time--> 17.20 17.30 17.40



Time--> 17.20 17.30 17.40



#65

4,6-Dinitro-2-methylphenol

Concen: 4.670 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.34 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

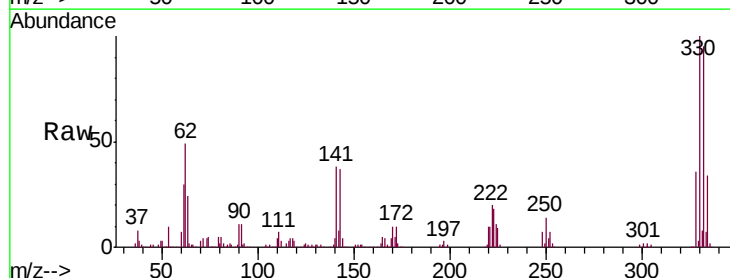
Tgt Ion:198 Resp: 814

Ion Ratio Lower Upper

198 100

51 117.4 22.5 62.5#

105 143.4 22.3 62.3#

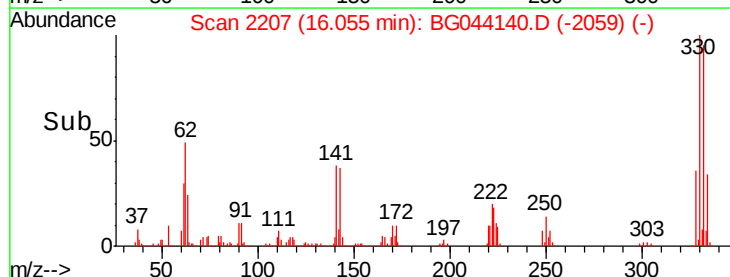


Abundance Ion 198.00 (197.70 to 198.70): E

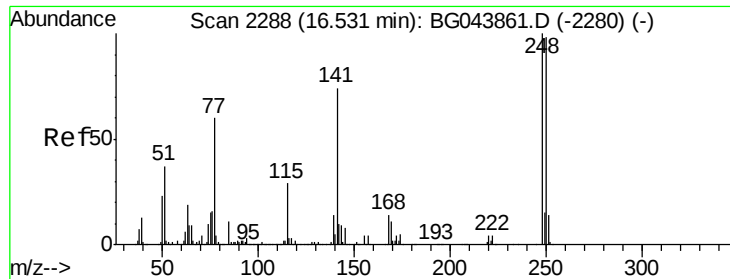
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time--> 16.00 16.05 16.10



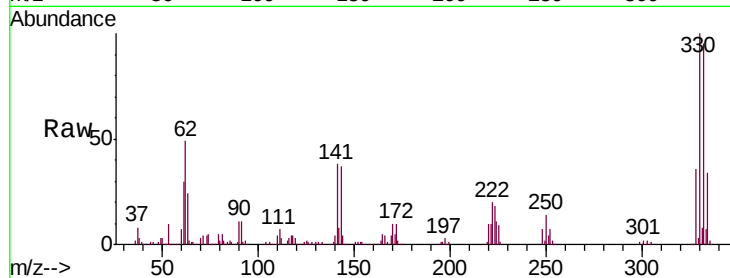
Time--> 16.00 16.05 16.10



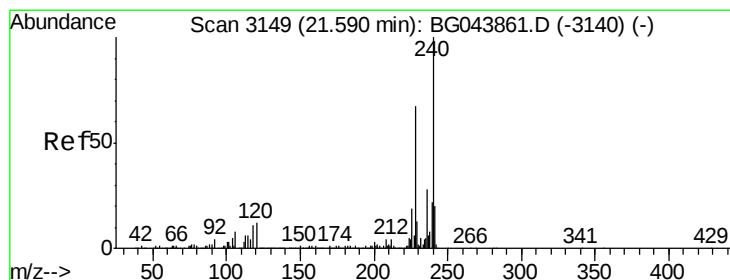
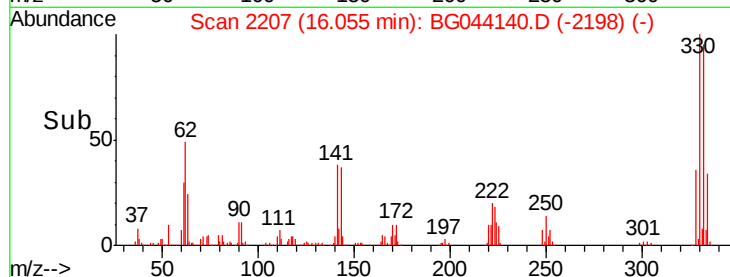
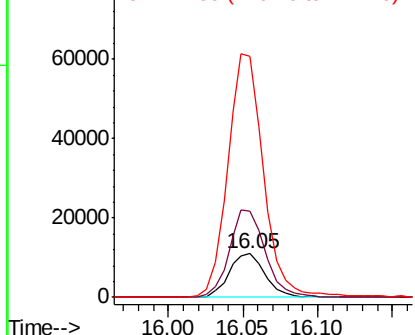
#67
 4-Bromophenyl-phenylether
 Concen: 3.218 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

Instrument :
 BNA_G
 ClientSampled :
 EP-3

Tgt Ion:248 Resp: 18560
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.2 117.2#
 141 552.0 59.3 88.9#

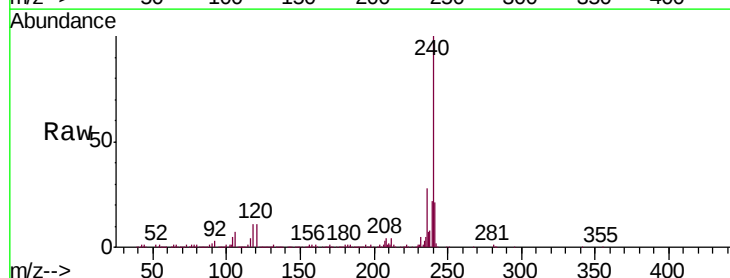


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

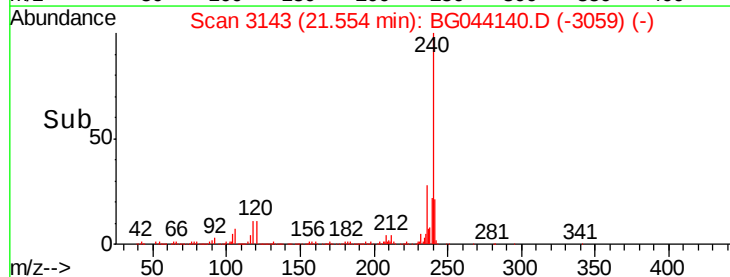
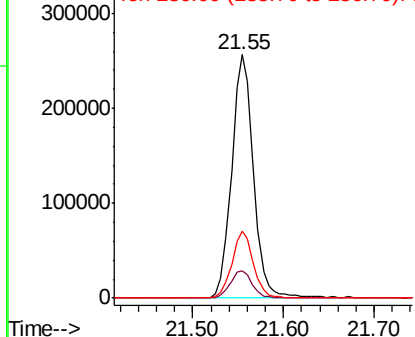


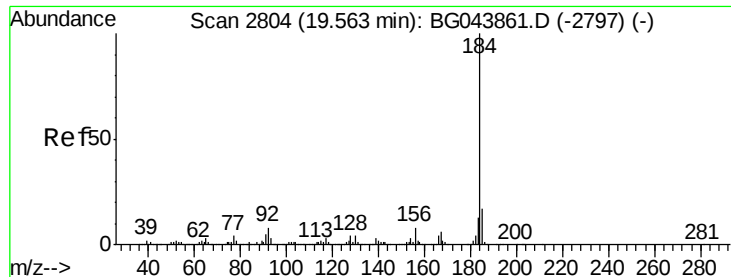
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.04 min
 Lab File: BG044140.D
 Acq: 21 Jan 2020 19:18

Tgt Ion:240 Resp: 430718
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.6 14.4
 236 27.7 22.2 33.2



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





#77

Benzidine

Concen: 2.294 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampled :

EP-3

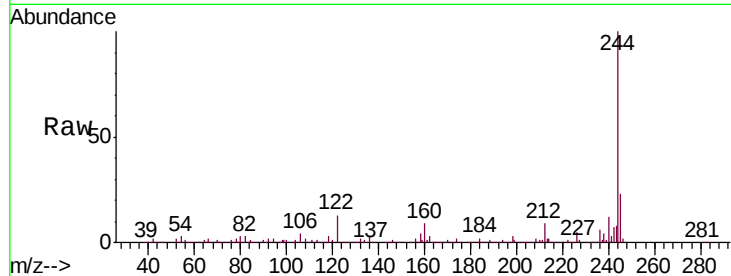
Tgt Ion:184 Resp: 24837

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

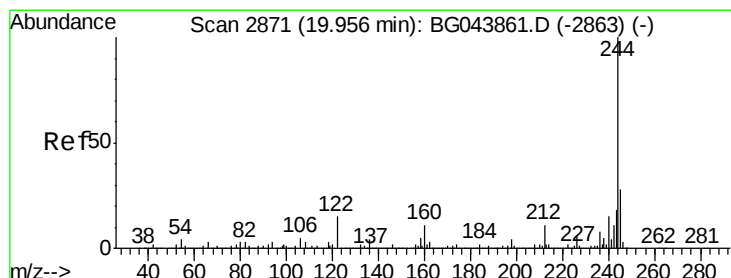
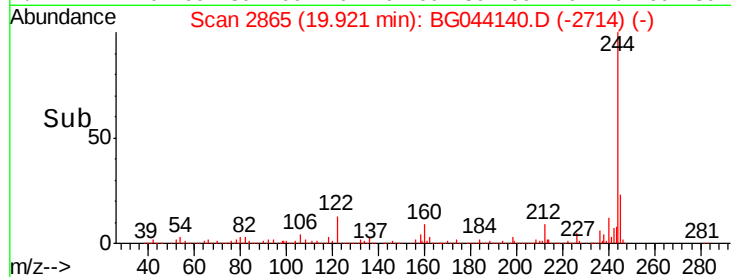
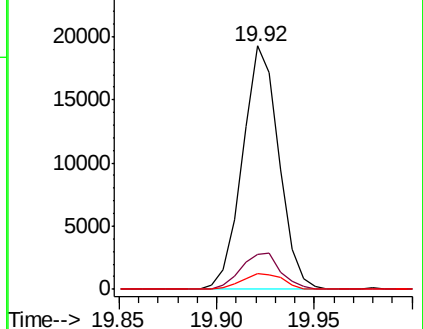
183 6.4 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.180 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

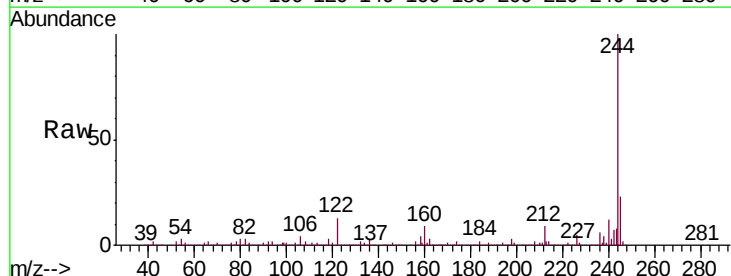
Tgt Ion:244 Resp: 1494432

Ion Ratio Lower Upper

244 100

212 8.5 8.6 13.0#

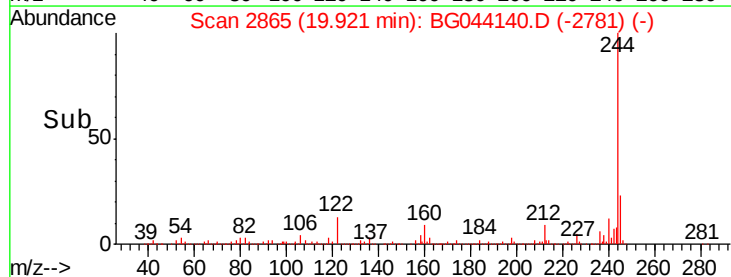
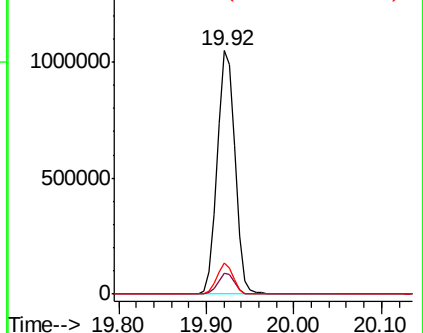
122 12.8 11.9 17.9

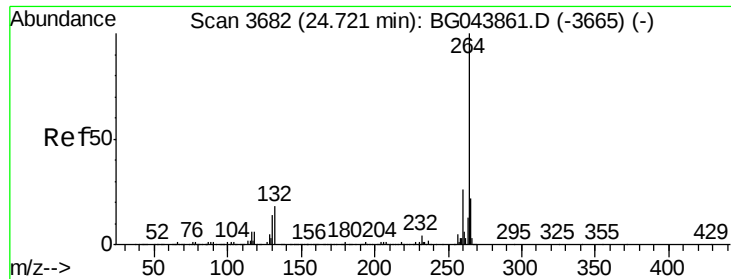


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Instrument :
BNA_G
ClientSampleId :
EP-3

Tgt Ion:	264	Resp:	479930
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	22.1	17.4	26.2

