

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041866.D
 Acq On : 1 Aug 2019 16:52
 Operator : HP/JU
 Sample : K4048-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: Aug 02 01:32:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83623	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	300915	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	199191	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	473930	20.00	ng	0.00
76) Chrysene-d12	21.73	240	627817	20.00	ng	0.00
87) Perylene-d12	25.01	264	734517	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	254981	59.33	ng	0.00
7) Phenol-d6	7.19	99	215579	37.20	ng	0.00
23) Nitrobenzene-d5	9.21	82	455576	104.19	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	341466	150.92	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1100102	97.41	ng	0.00
79) Terphenyl-d14	20.06	244	2114900	77.08	ng	0.00

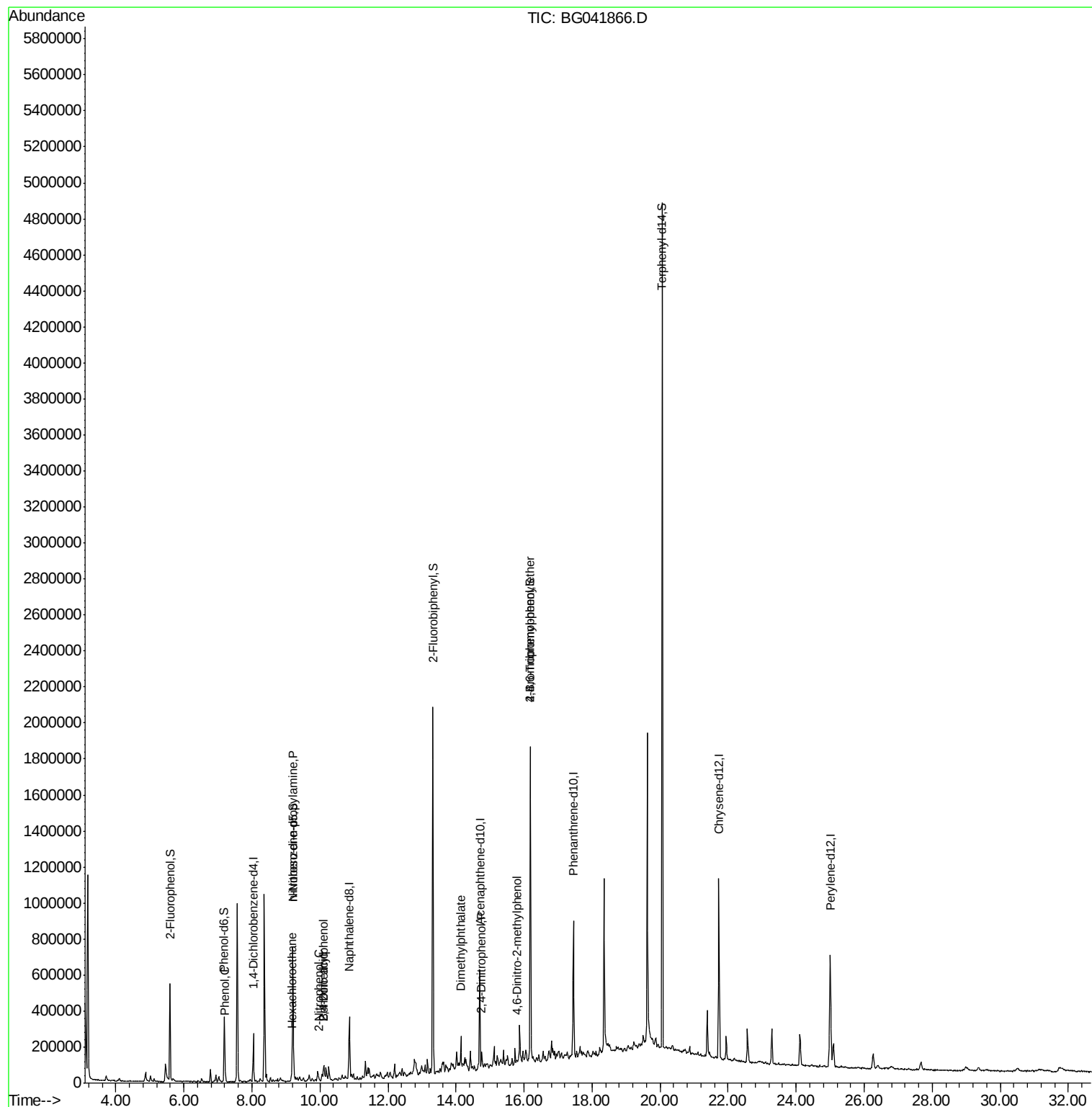
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.21	94	32242	5.349	ng	96
18) Hexachloroethane	9.17	117	5526	2.511	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	61685	14.663	ng	# 67
26) 2-Nitrophenol	9.96	139	4947	2.314	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	43104	11.423	ng	# 3
32) Benzoic acid	10.12	122	43104	21.811	ng	93
50) Dimethylphthalate	14.14	163	125319	9.212	ng	99
54) 2,4-Dinitrophenol	14.74	184	53	3.293	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.80	198	358	6.985	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	26215	4.490	ng	# 1

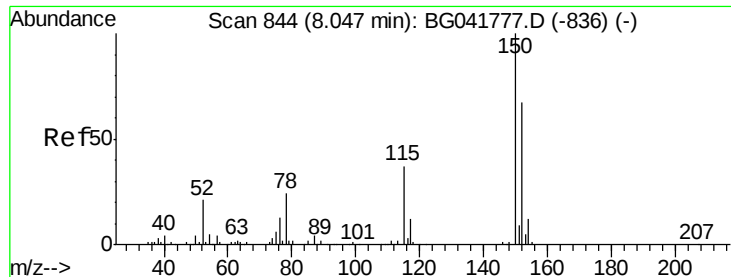
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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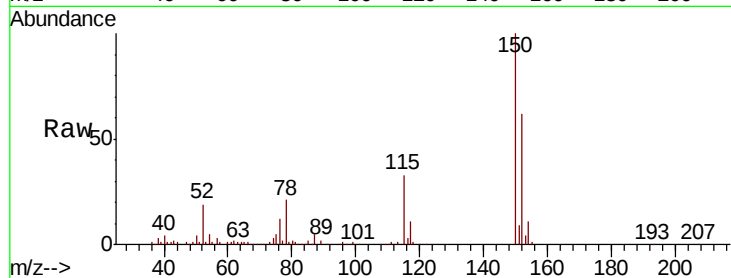


#1

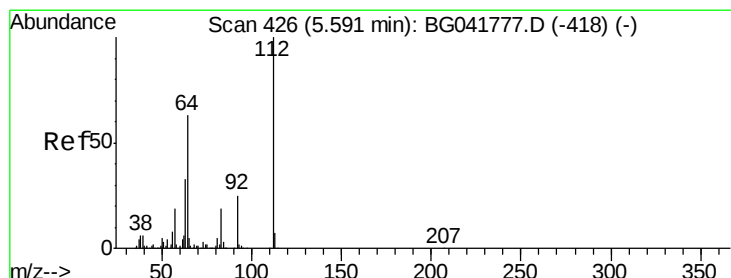
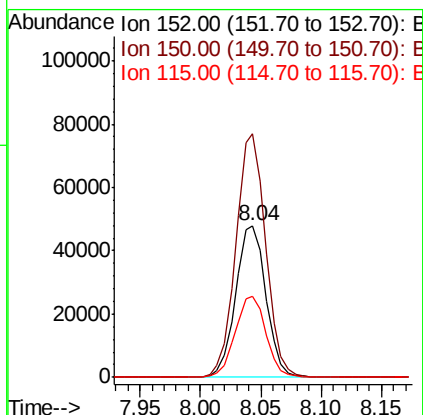
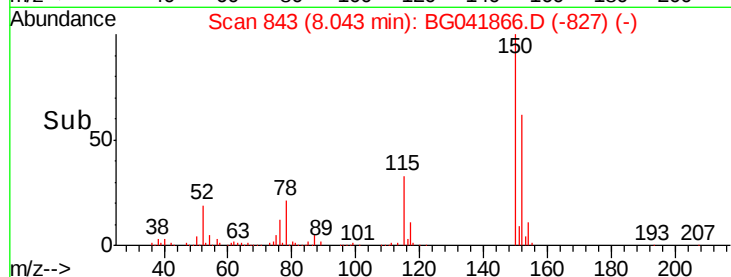
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:152 Resp: 83623
Ion Ratio Lower Upper
152 100
150 160.2 126.9 190.3
115 52.9 45.0 67.6



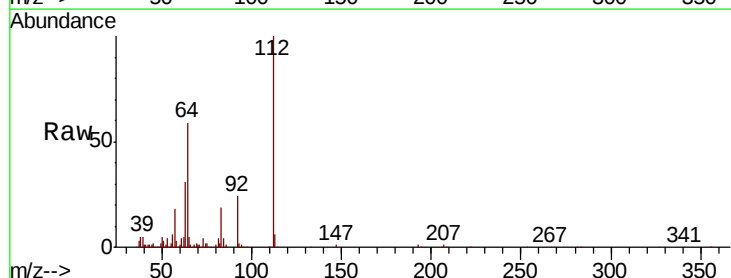
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



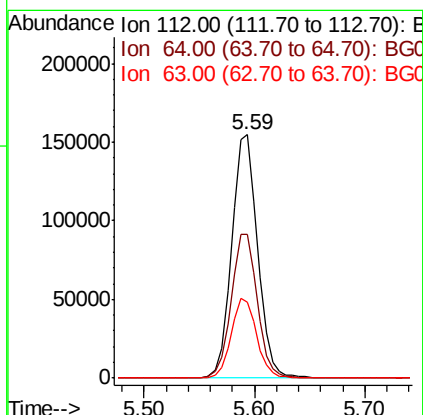
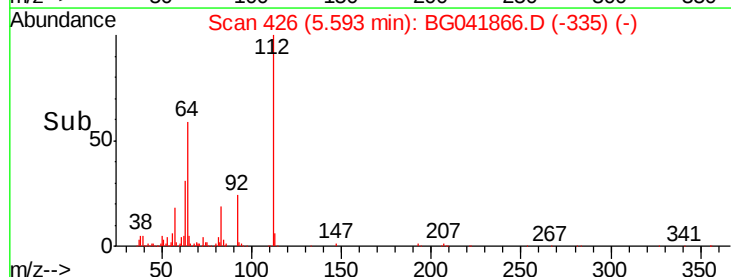
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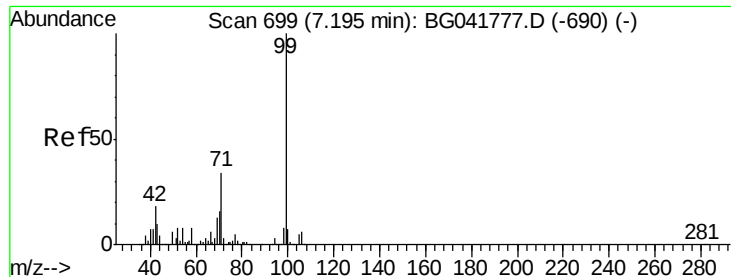
2-Fluorophenol
Concen: 59.325 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:112 Resp: 254981
Ion Ratio Lower Upper
112 100
64 59.2 55.4 83.2
63 31.0 29.1 43.7



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: 37.205 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

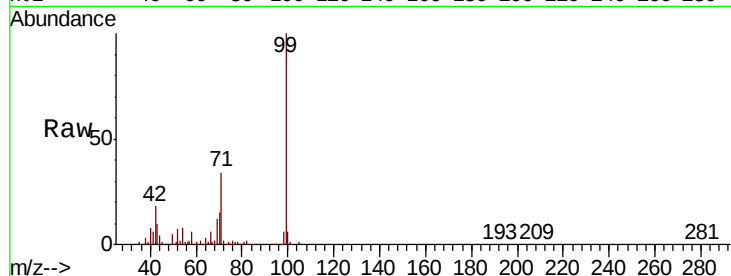
Tgt Ion: 99 Resp: 215579

Ion Ratio Lower Upper

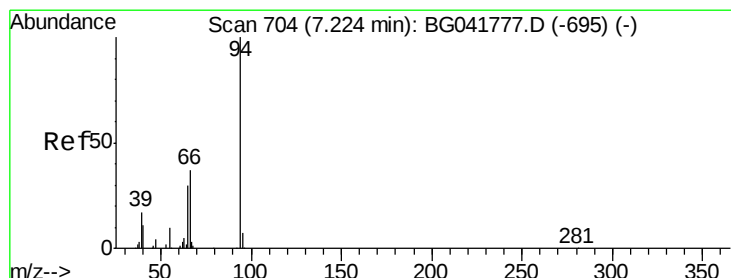
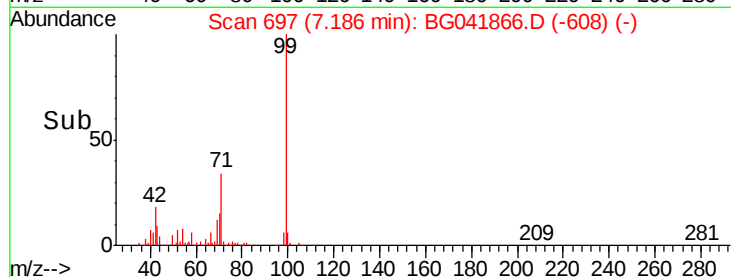
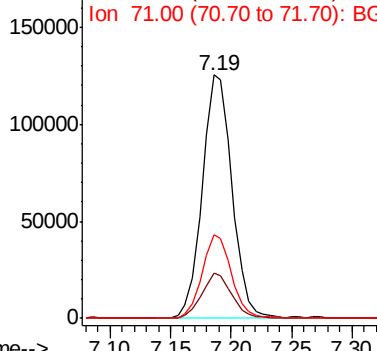
99 100

42 18.3 17.6 26.4

71 34.4 27.8 41.6



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: 5.349 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

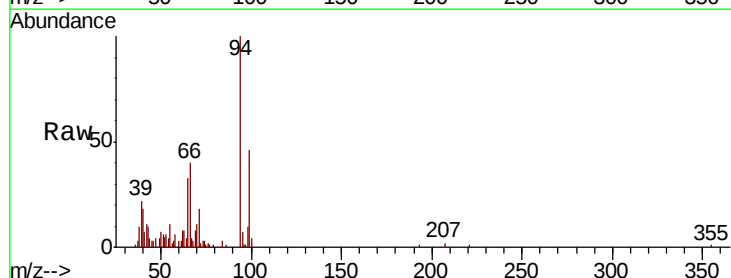
Tgt Ion: 94 Resp: 32242

Ion Ratio Lower Upper

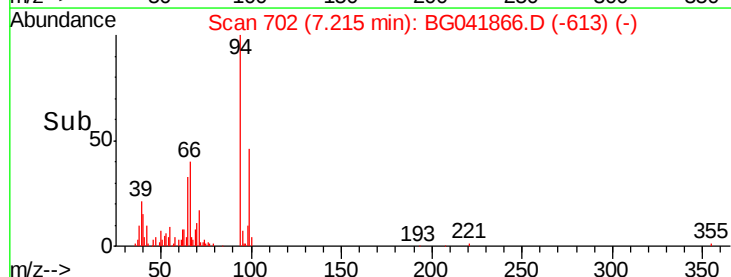
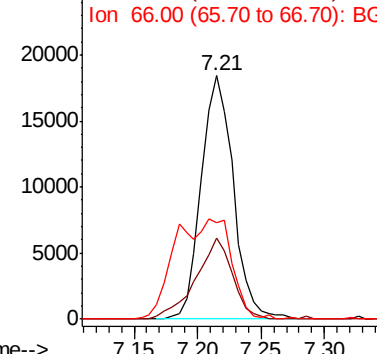
94 100

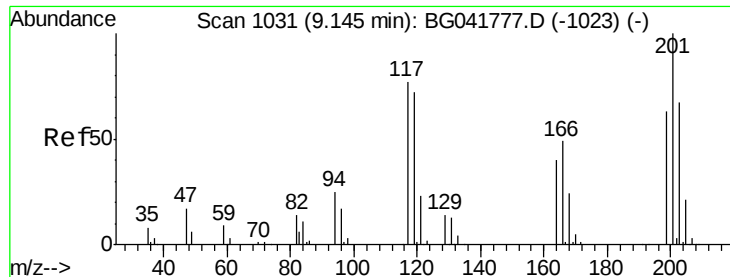
65 33.4 10.6 50.6

66 39.6 18.2 58.2



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

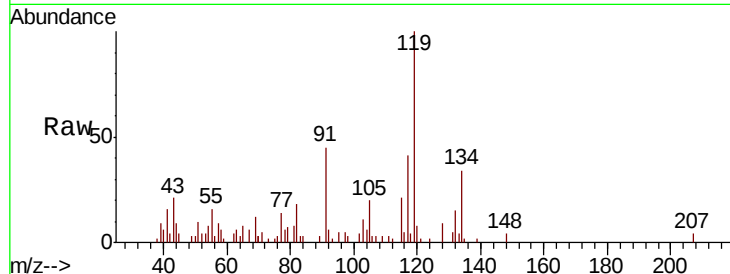




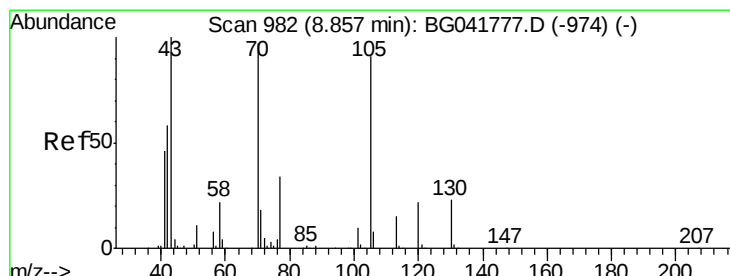
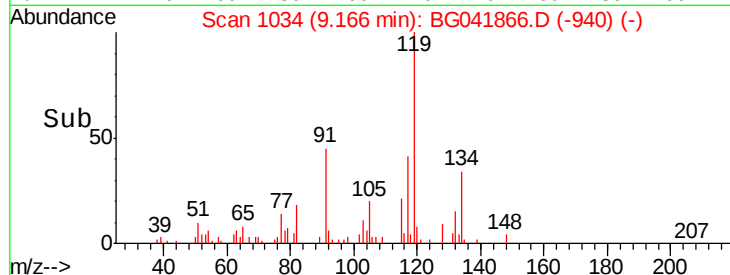
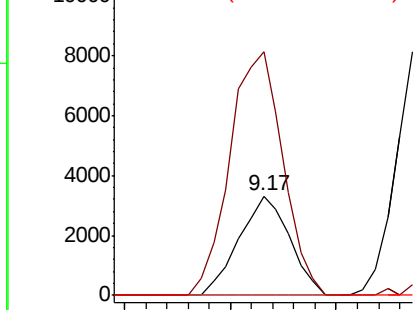
#18
Hexachloroethane
Concen: 2.511 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion: 117 Resp: 5526
Ion Ratio Lower Upper
117 100
119 245.4 76.2 114.2#
201 0.0 94.1 141.1#

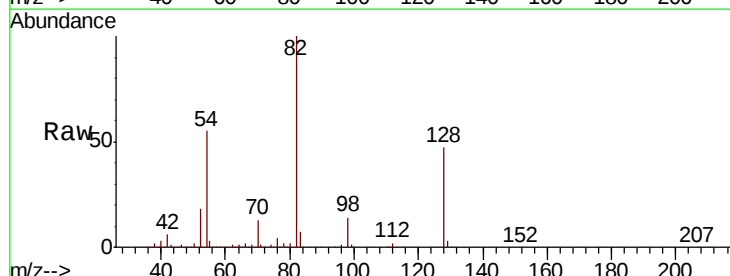


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

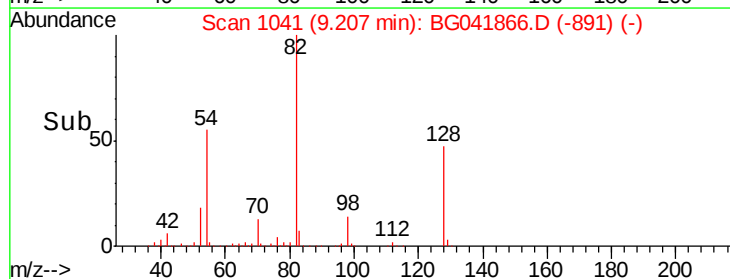
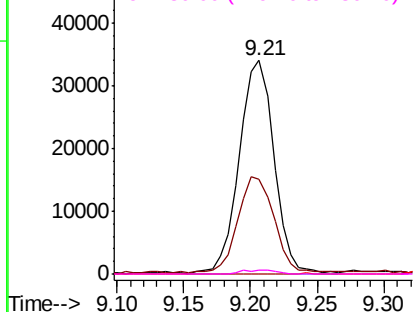


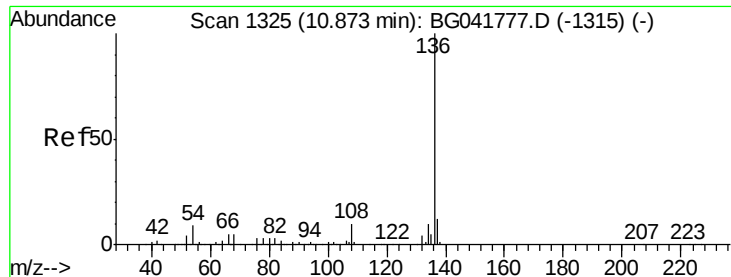
#19
n-Nitroso-di-n-propylamine
Concen: 14.663 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion: 70 Resp: 61685
Ion Ratio Lower Upper
70 100
42 44.5 55.8 83.6#
101 0.0 8.1 12.1#
130 1.7 17.3 25.9#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

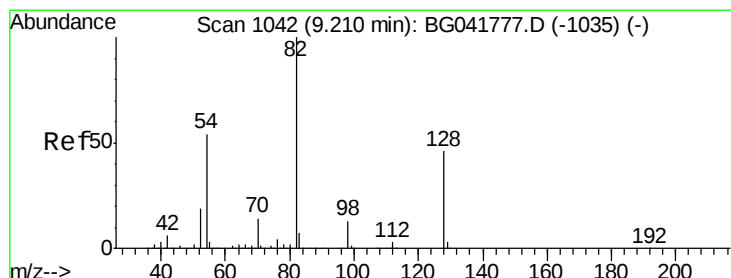
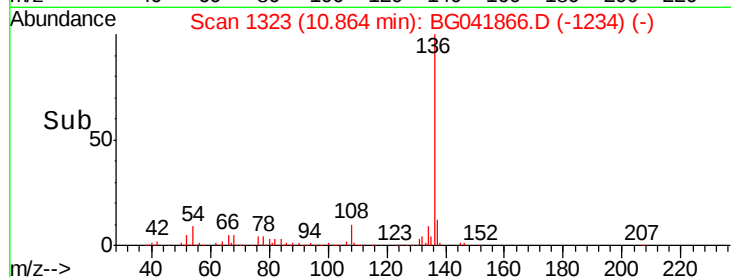
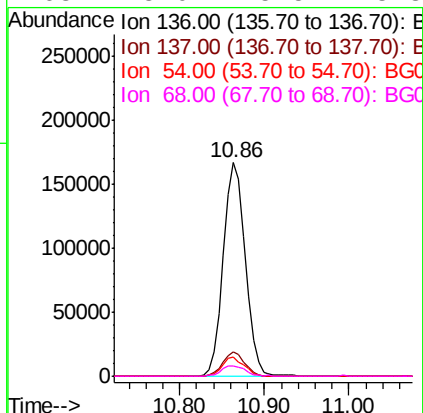
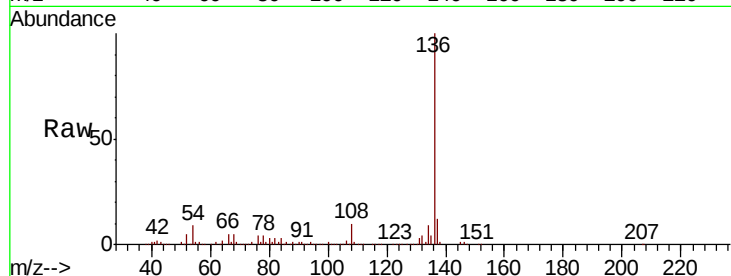




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

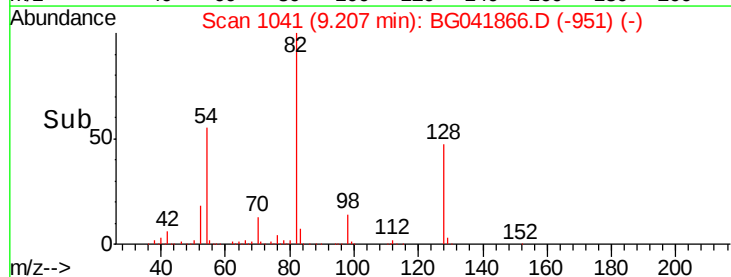
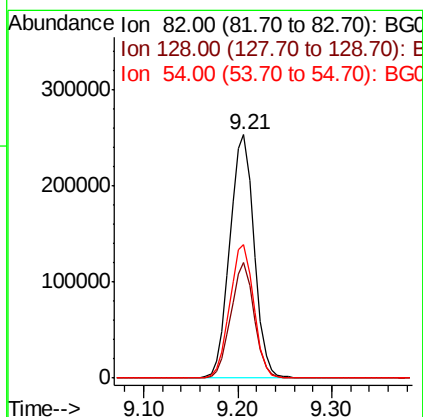
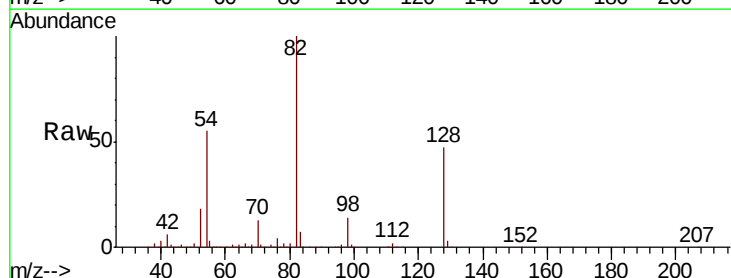
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OWL-C6-GW

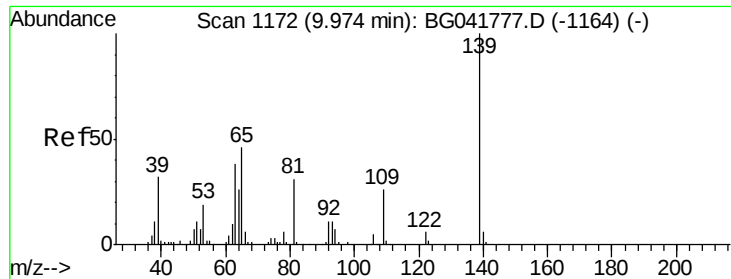
Tgt Ion:	136	Resp:	300915
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.2	8.7	13.1
68	5.0	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 104.186 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:	82	Resp:	455576
Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.1	52.7
54	55.0	48.7	73.1

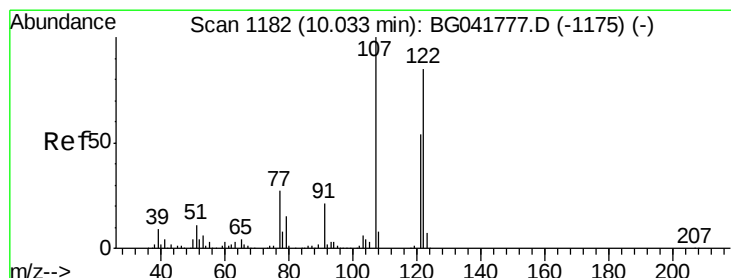
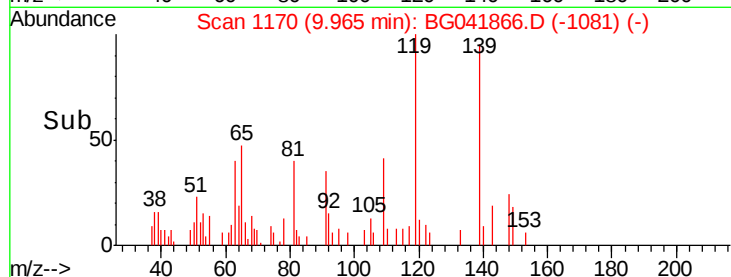
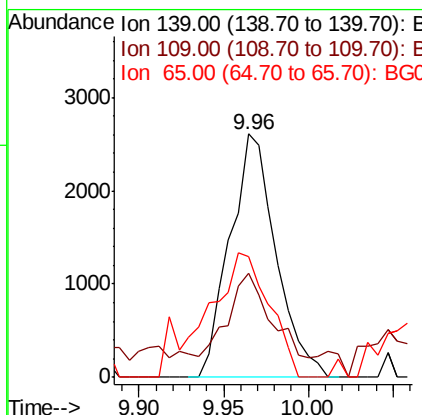
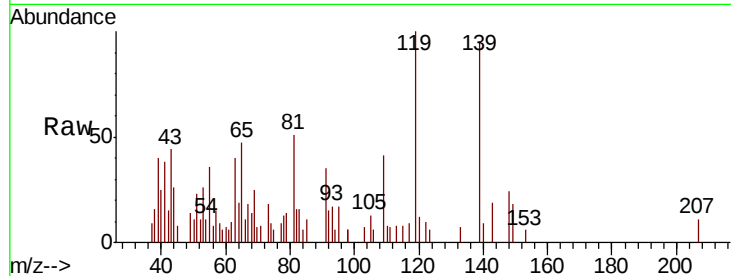




#26
2-Nitrophenol
Concen: 2.314 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

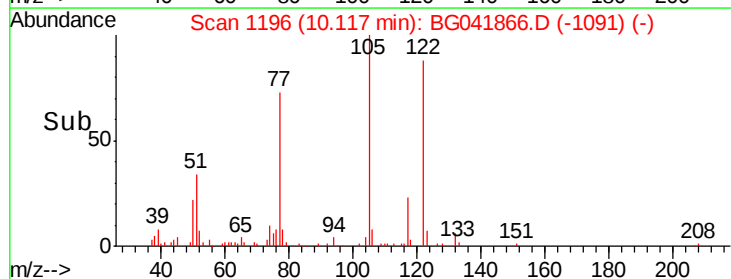
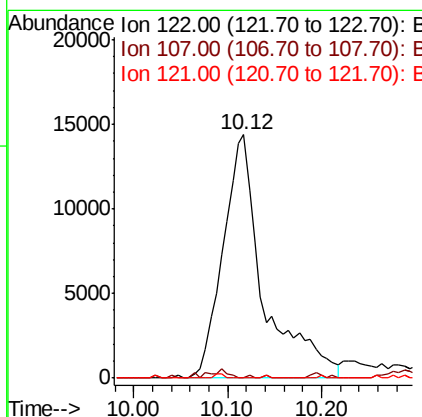
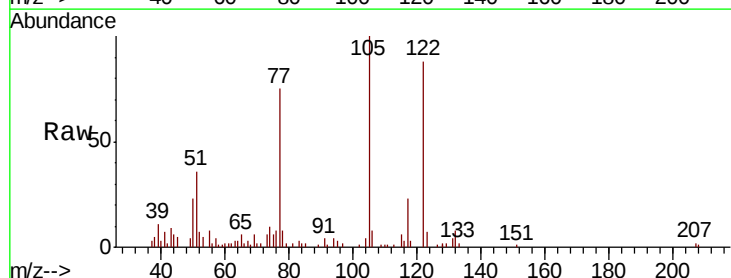
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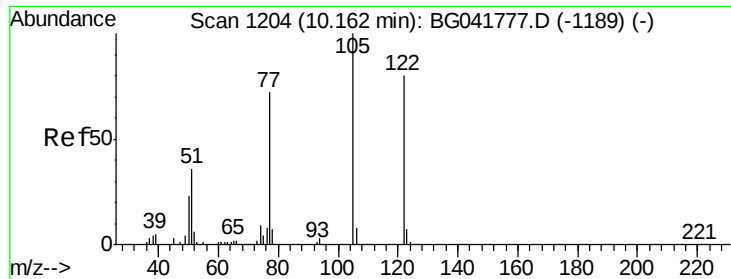
Tgt Ion:139 Resp: 4947
Ion Ratio Lower Upper
139 100
109 42.8 22.7 34.1#
65 49.8 41.1 61.7



#27
2,4-Dimethylphenol
Concen: 11.423 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.08 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:122 Resp: 43104
Ion Ratio Lower Upper
122 100
107 0.0 91.3 136.9#
121 0.0 49.2 73.8#

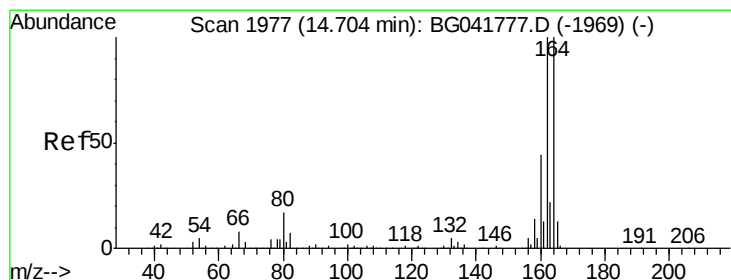
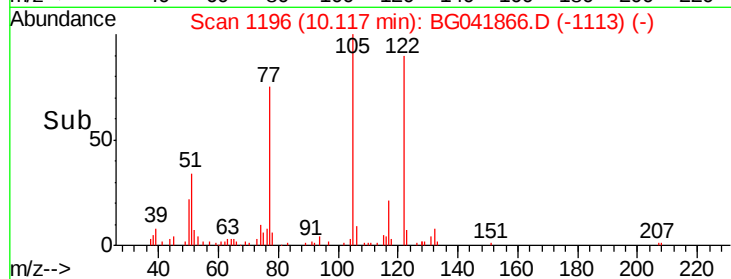
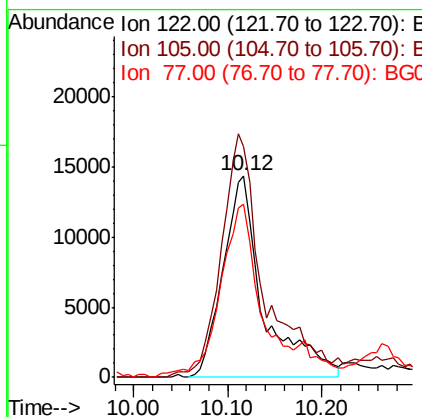
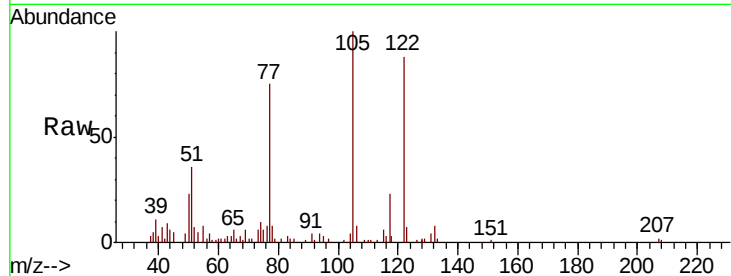




#32
Benzoic acid
Concen: 21.811 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

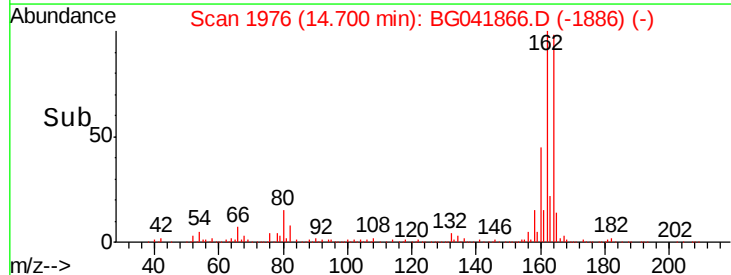
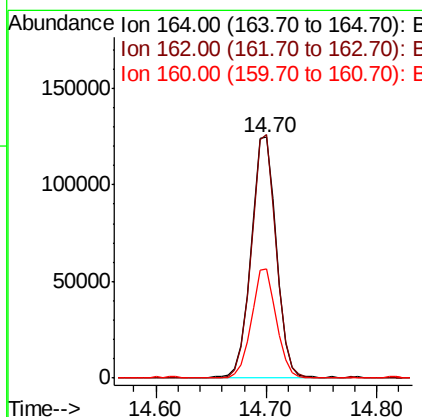
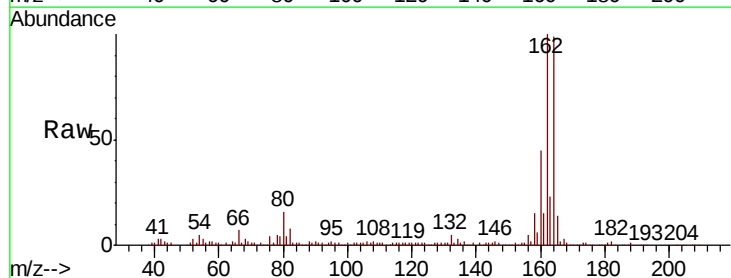
Instrument :
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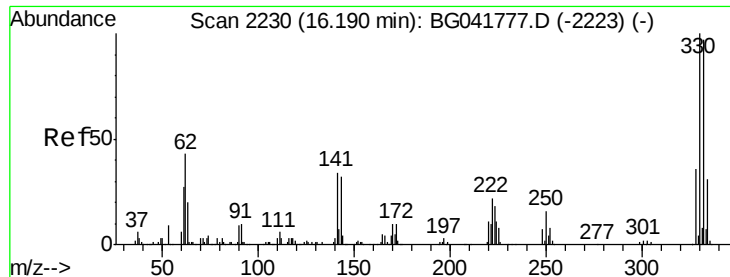
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	101.5	141.5
77	85.7	73.0	113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.6	119.4
160	45.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 150.922 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

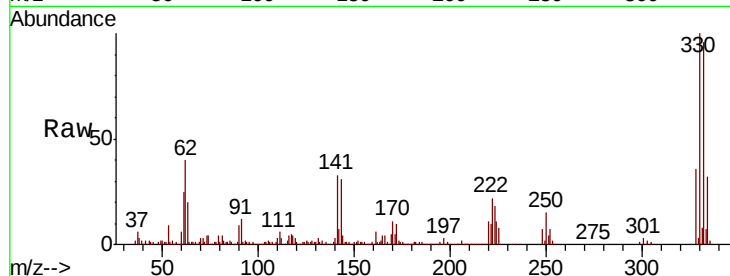
Tgt Ion:330 Resp: 341466

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

141 32.8 31.9 47.9

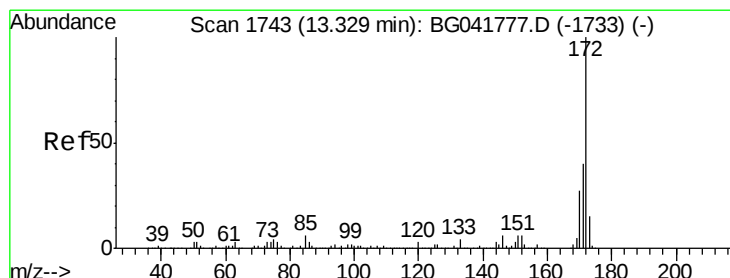
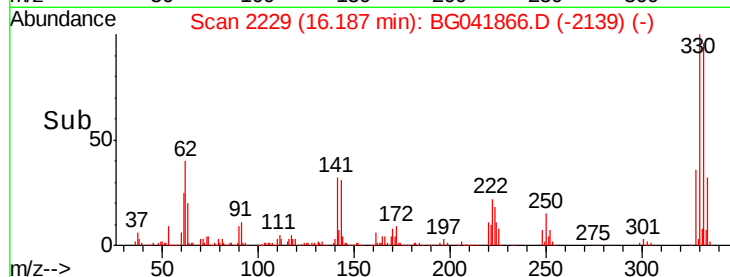
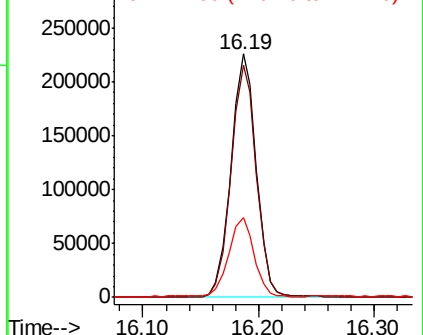


Abundance

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: 97.408 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

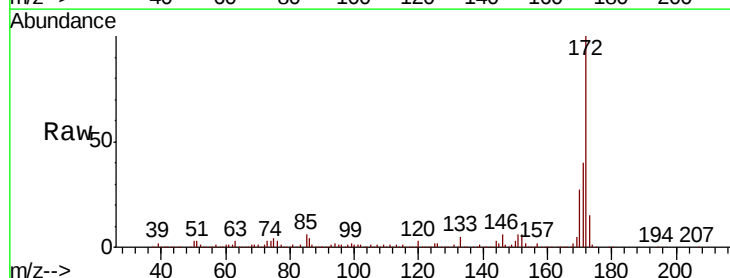
Tgt Ion:172 Resp: 1100102

Ion Ratio Lower Upper

172 100

171 39.9 35.0 52.4

170 26.6 23.5 35.3

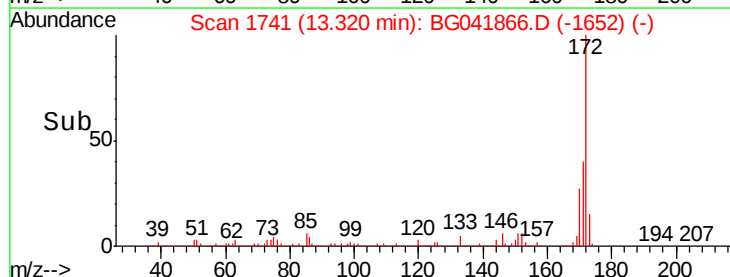
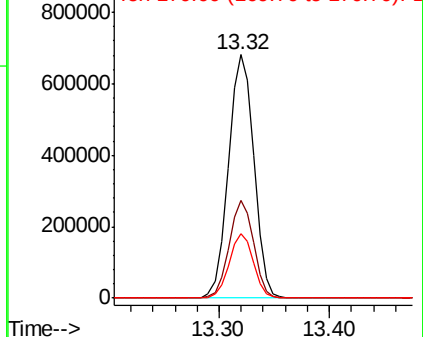


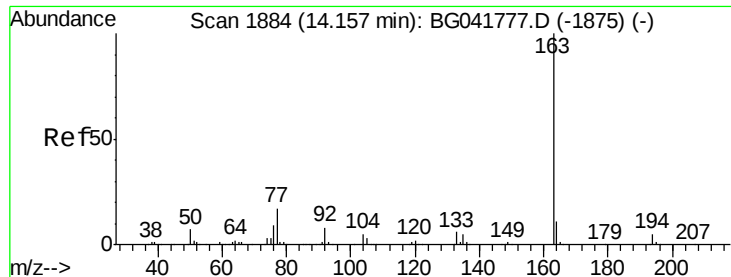
Abundance

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: 9.212 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

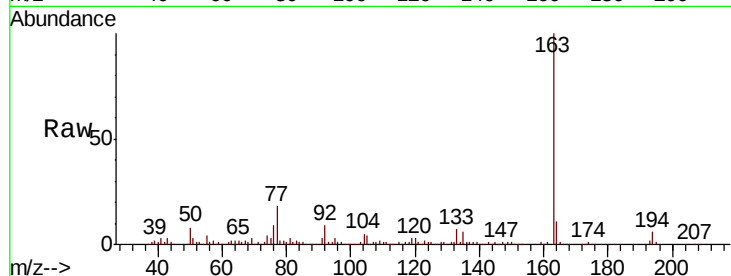
Tgt Ion:163 Resp: 125319

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

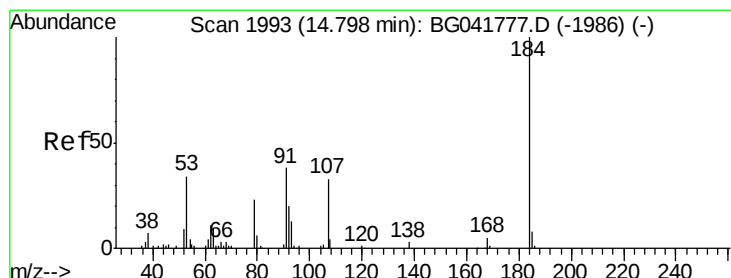
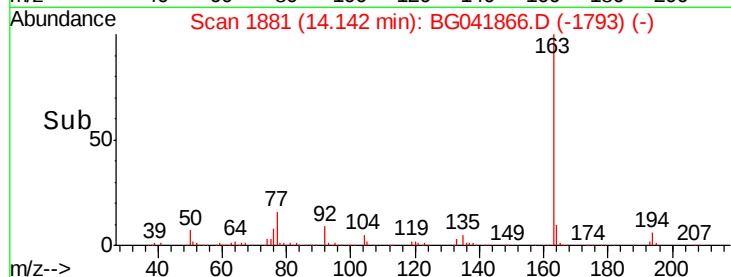
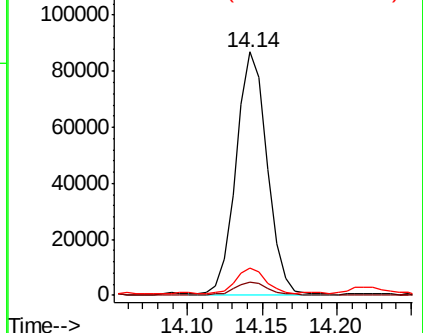
164 11.3 9.4 14.2



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



#54

2,4-Dinitrophenol

Concen: 3.293 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.06 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

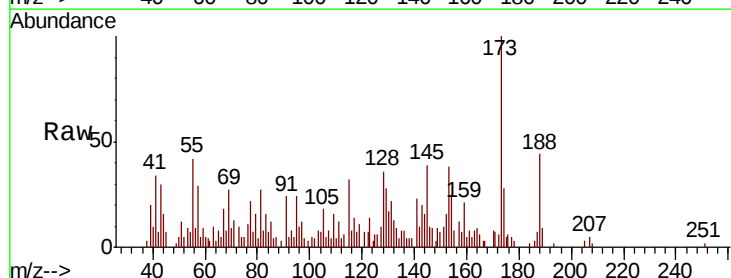
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 465.3 43.2 64.8#

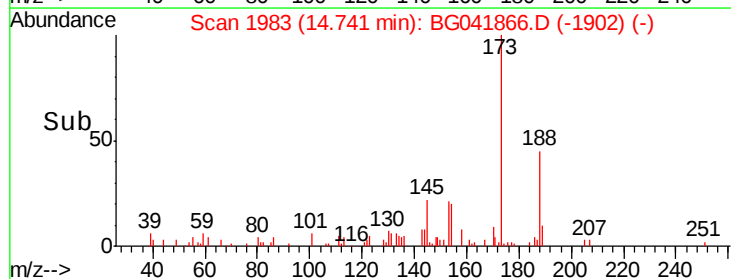
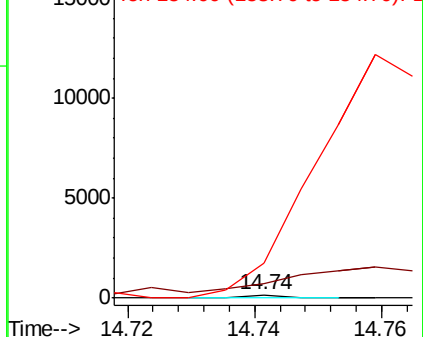
154 1154.7 51.4 77.2#

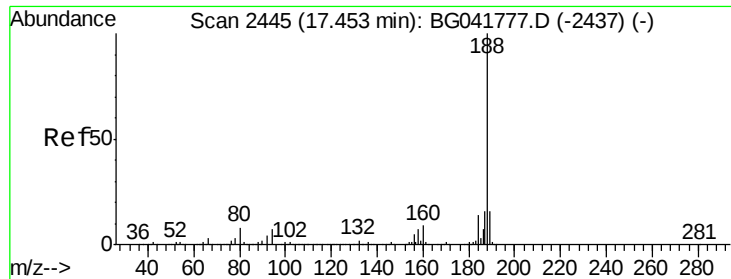


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

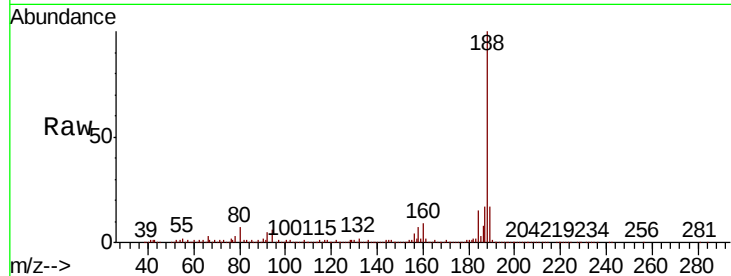
Tgt Ion:188 Resp: 473930

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

80 7.4 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

400000

300000

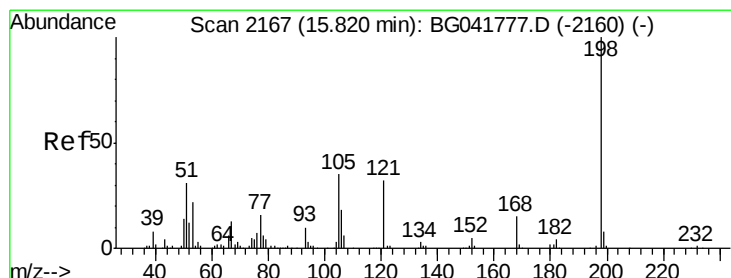
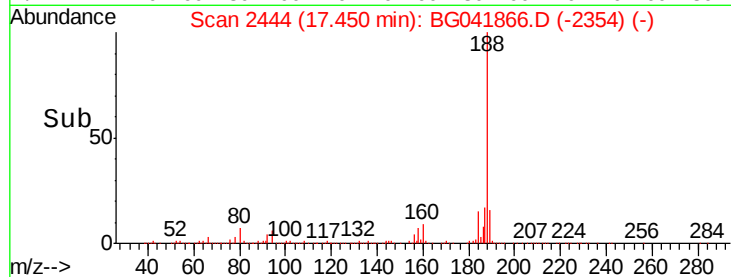
200000

100000

0

17.40 17.50

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.985 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

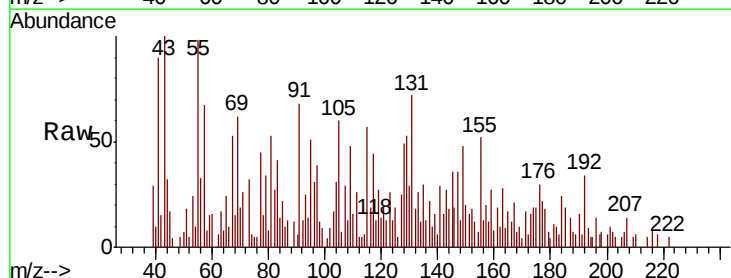
Tgt Ion:198 Resp: 358

Ion Ratio Lower Upper

198 100

51 251.7 22.3 62.3#

105 836.4 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

3000

2500

2000

1500

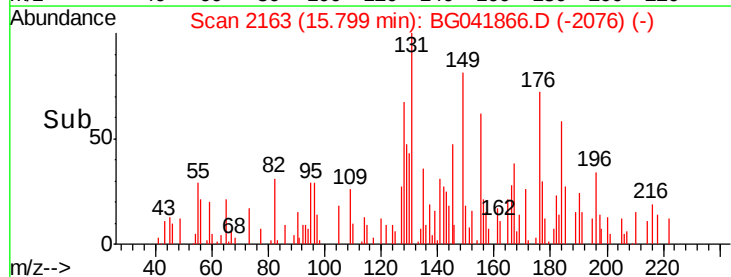
1000

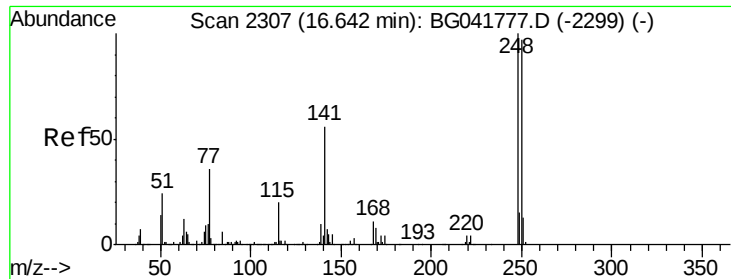
500

0

15.80

Time-->

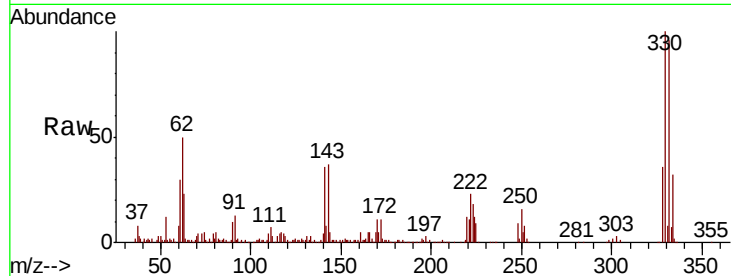




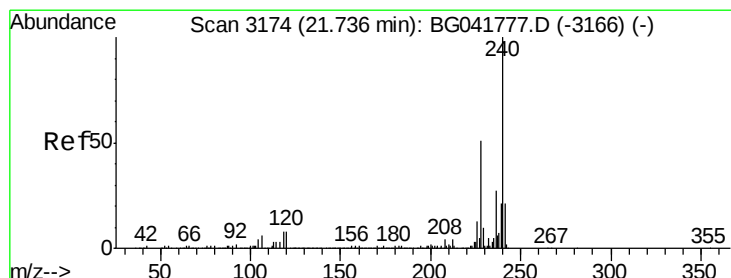
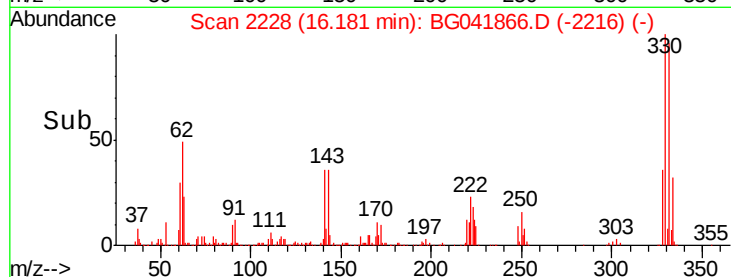
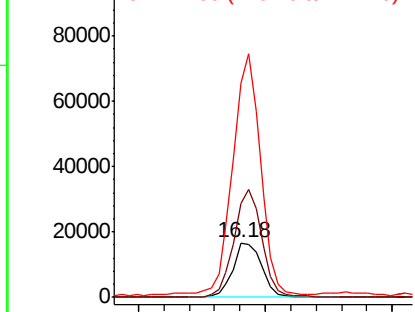
#67
 4-Bromophenyl-phenylether
 Concen: 4.490 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.46 min
 Lab File: BG041866.D
 Acq: 1 Aug 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tgt Ion:248 Resp: 26215
 Ion Ratio Lower Upper
 248 100
 250 172.7 78.1 117.1#
 141 395.5 49.6 74.4#

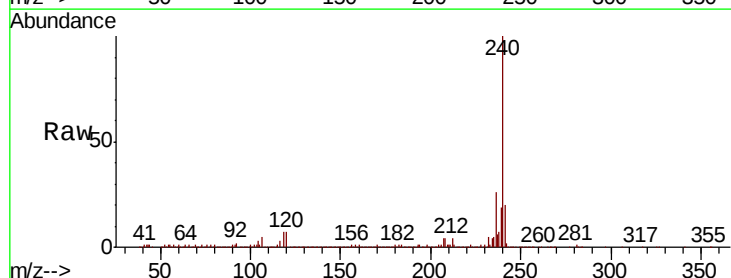


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

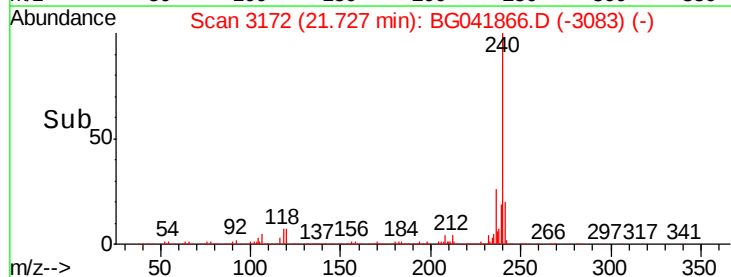
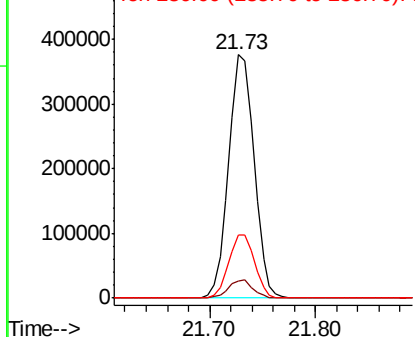


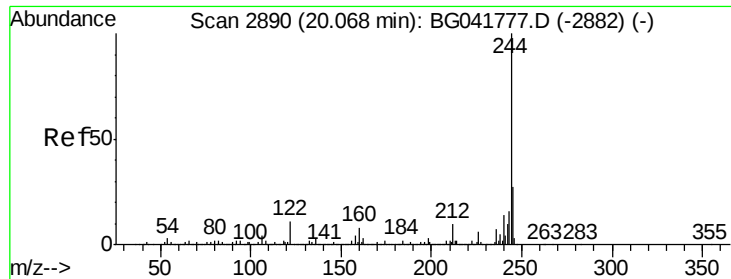
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG041866.D
 Acq: 1 Aug 2019 16:52

Tgt Ion:240 Resp: 627817
 Ion Ratio Lower Upper
 240 100
 120 7.2 8.0 12.0#
 236 26.0 22.6 33.8



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: 77.084 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

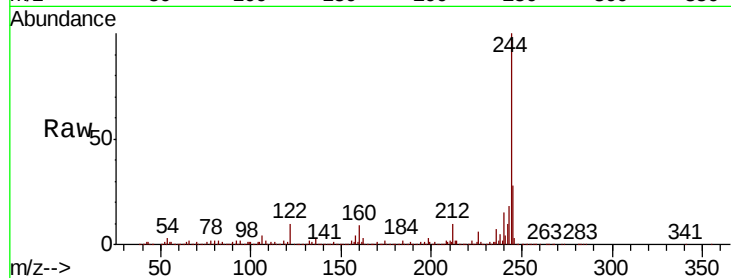
Tgt Ion:244 Resp: 2114900

Ion Ratio Lower Upper

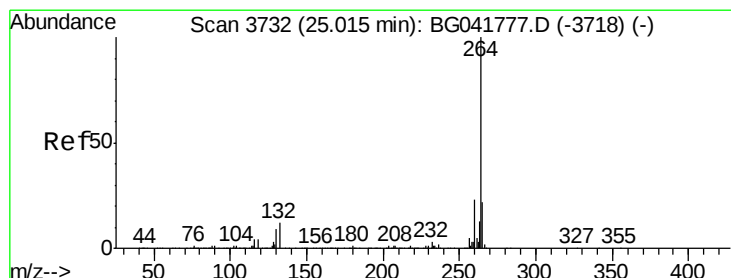
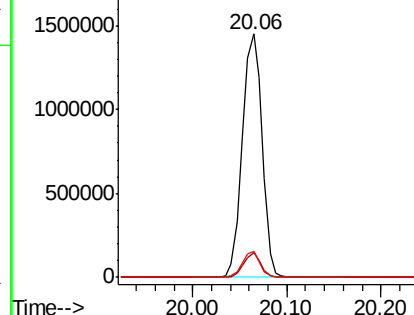
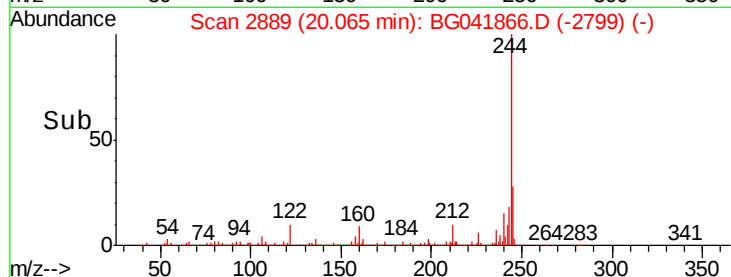
244 100

212 10.1 9.7 14.5

122 10.5 12.5 18.7#



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: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041866.D

Acq: 1 Aug 2019 16:52

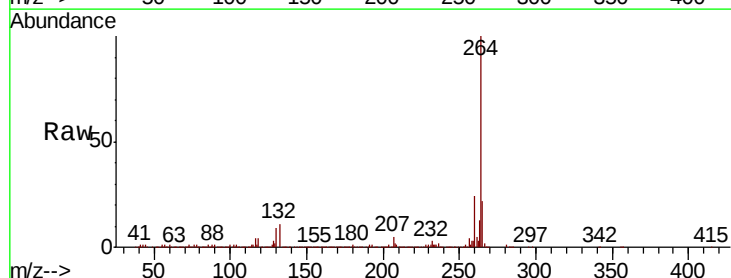
Tgt Ion:264 Resp: 734517

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 18.0 27.0



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

