

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105007.D
 Acq On : 2 May 2018 3:19
 Operator : JU/SJ
 Sample : J2571-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042418-SIDI-E-U-B

Quant Time: May 02 06:59:39 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

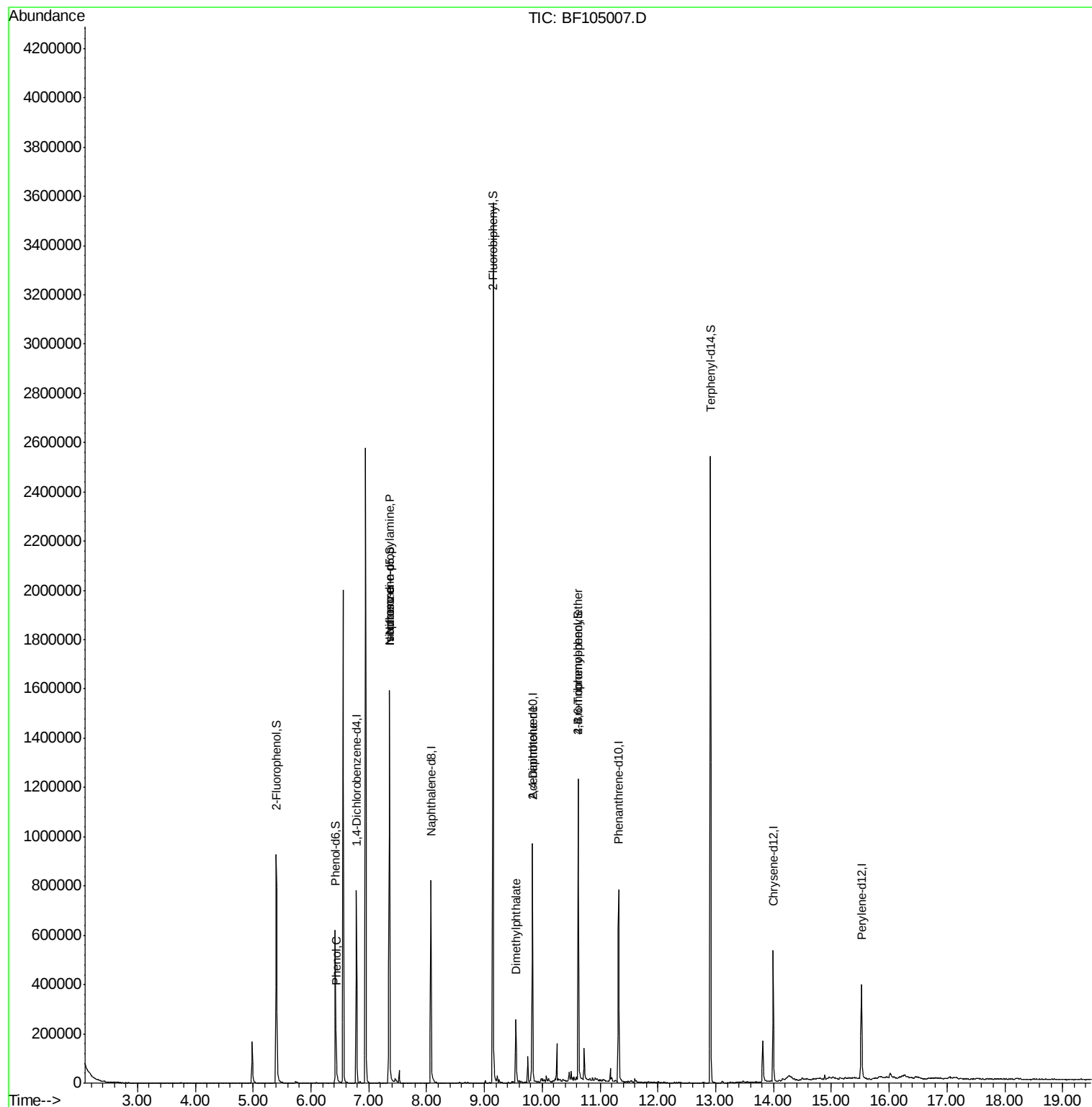
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106849	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	439396	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	190560	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297666	20.00	ng	0.00
75) Chrysene-d12	13.99	240	209122	20.00	ng	0.02
86) Perylene-d12	15.52	264	186961	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	309356	44.27	ng	0.00
7) Phenol-d6	6.42	99	244102	28.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	653311	97.09	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	161092	81.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1165925	96.66	ng	0.00
78) Terphenyl-d14	12.91	244	864231	94.22	ng	0.00
Target Compounds						
10) Phenol	6.44	94	20665	2.268	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	84827	15.119	ng	# 71
25) Isophorone	7.36	82	653305	45.912	ng	# 64
49) Dimethylphthalate	9.55	163	115139	7.662	ng	100
56) 2,4-Dinitrotoluene	9.83	165	24541	6.728	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	10071	3.181	ng	# 1
76) Benzidine	12.91	184	10888	Below Cal		# 94

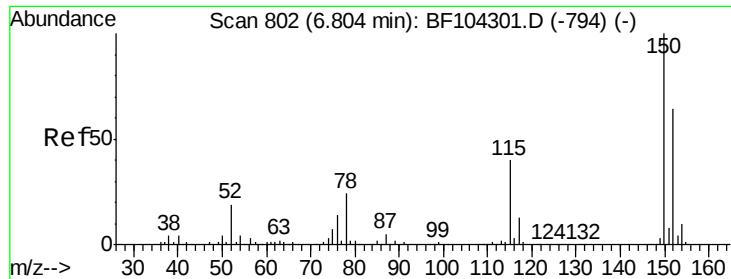
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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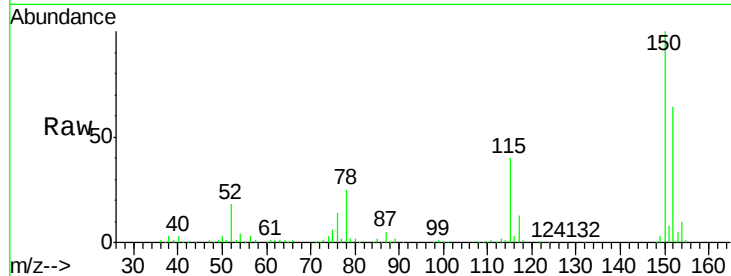




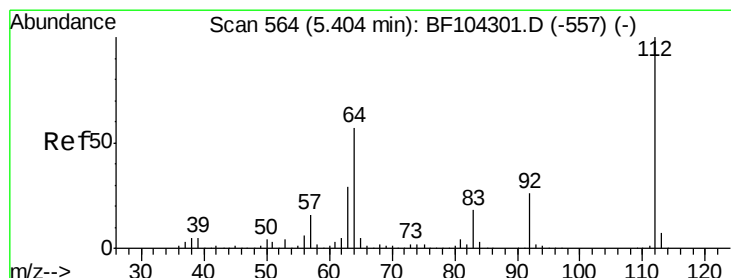
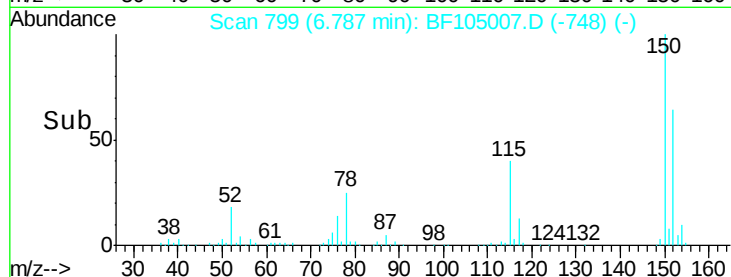
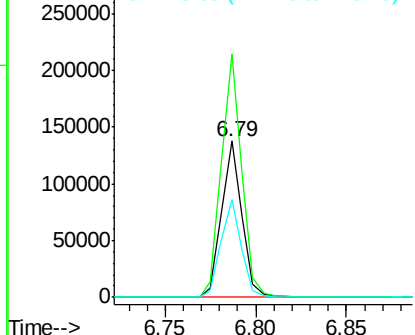
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 042418-SIDI-E-U-B

Tgt Ion:152 Resp: 106849
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 62.1 50.1 75.1

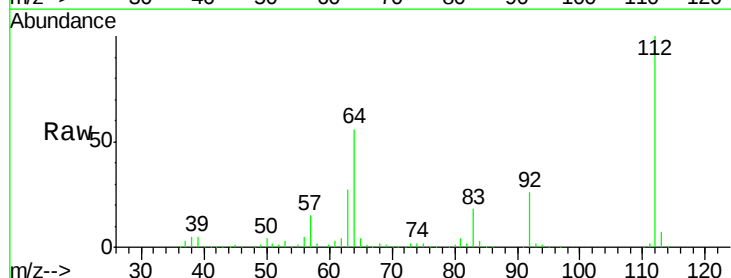


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

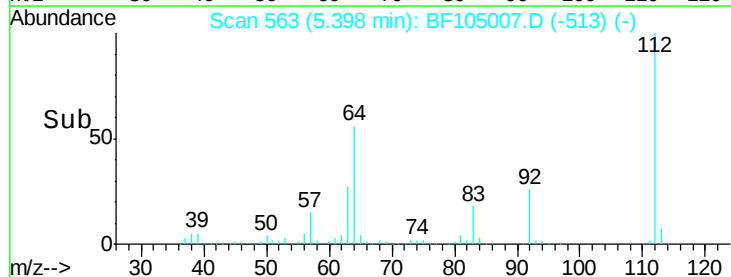
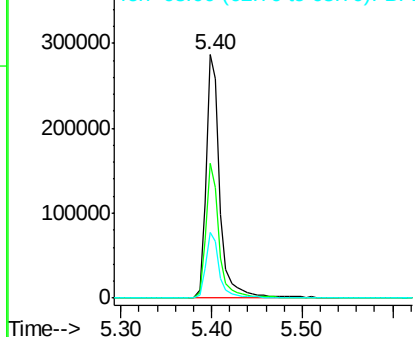


#5
 2-Fluorophenol
 Concen: 44.270 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Tgt Ion:112 Resp: 309356
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.431 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

Instrument :

BNA_F

ClientSampleId :

042418-SIDI-E-U-B

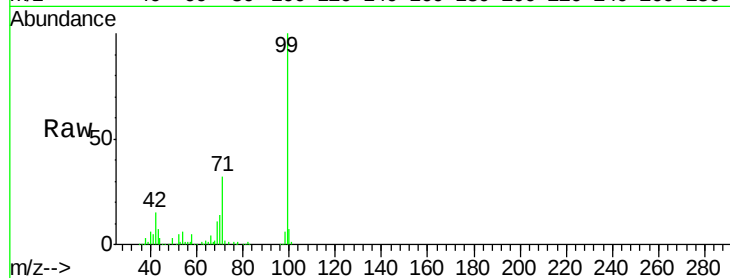
Tgt Ion: 99 Resp: 244102

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

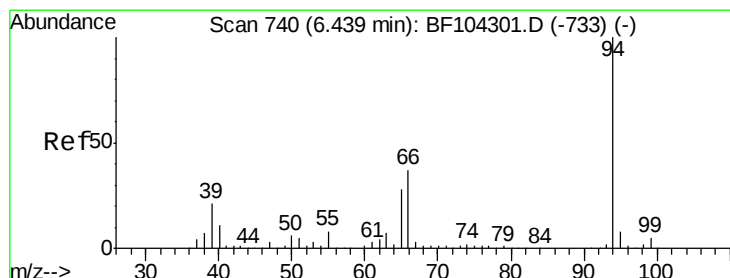
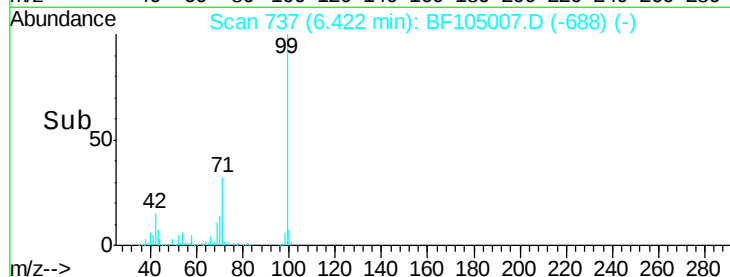
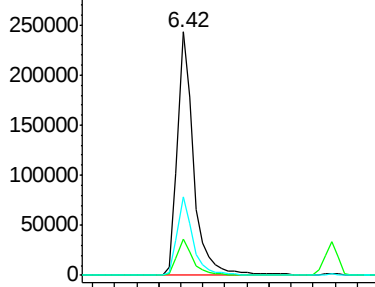
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.268 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

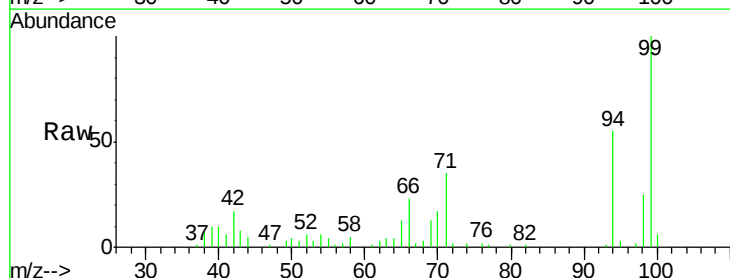
Tgt Ion: 94 Resp: 20665

Ion Ratio Lower Upper

94 100

65 24.1 7.9 47.9

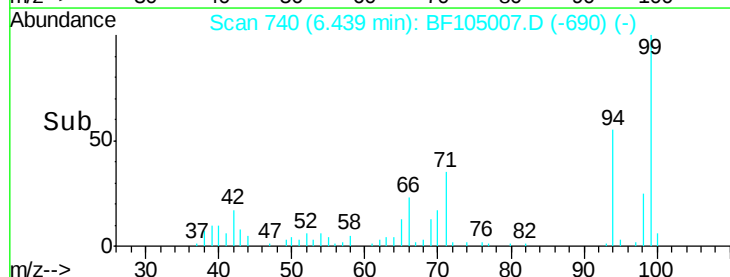
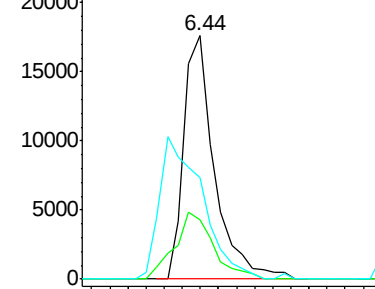
66 41.7 16.2 56.2

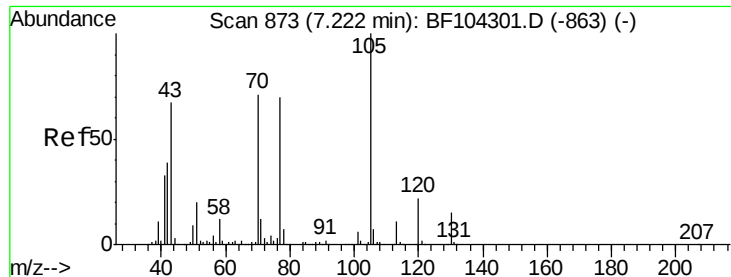


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

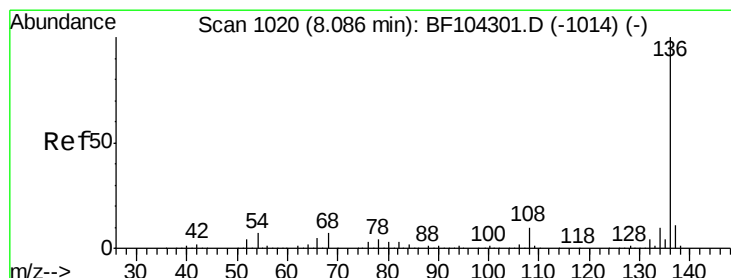
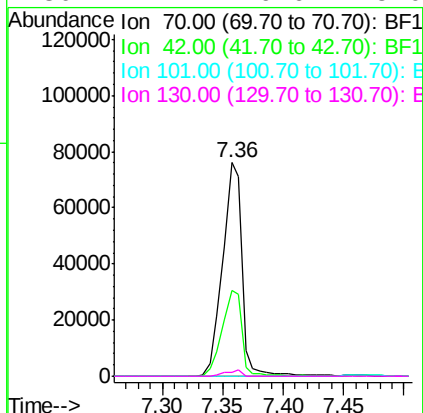
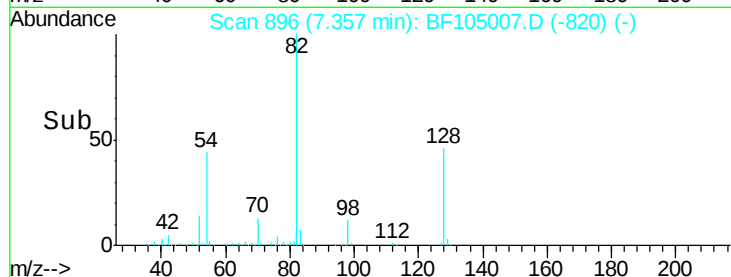
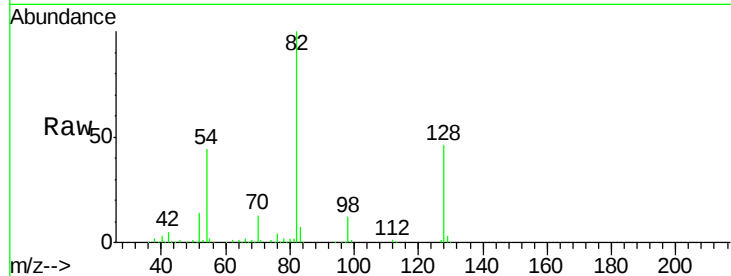




#19
n-Nitroso-di-n-propylamine
Concen: 15.119 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105007.D
Acq: 2 May 2018 3:19

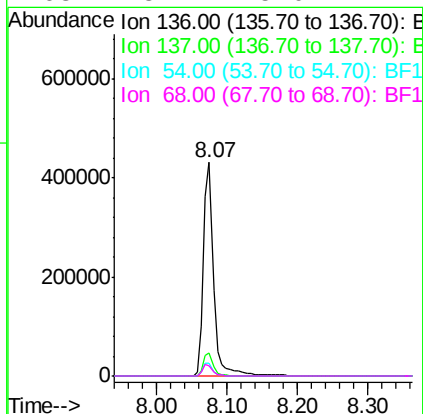
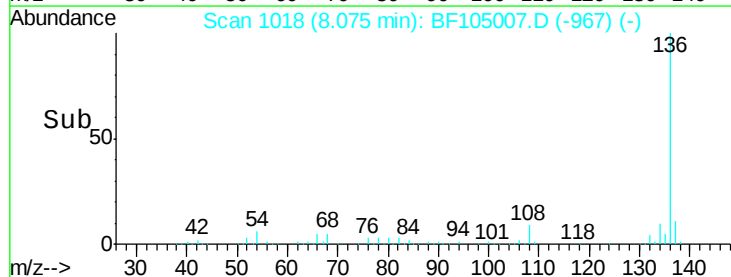
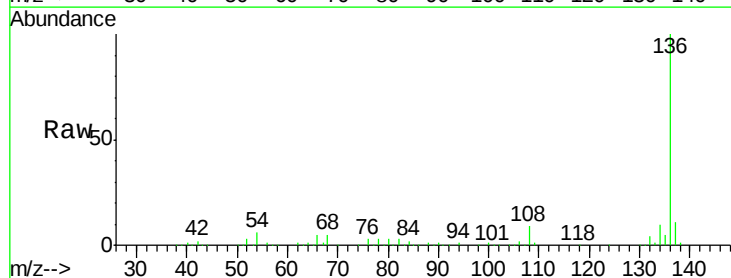
Instrument :
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ClientSampleId :
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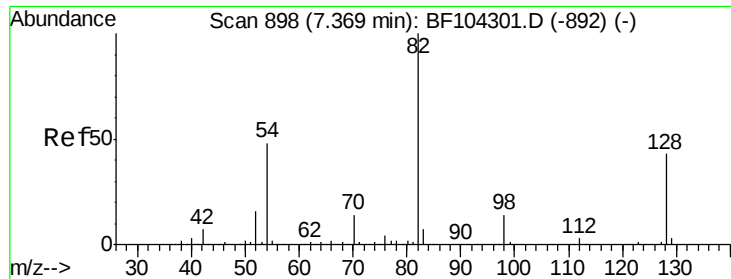
Tgt Ion: 70 Resp: 84827
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105007.D
Acq: 2 May 2018 3:19

Tgt Ion: 136 Resp: 439396
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.8 6.6 9.8#
68 5.1 5.0 7.4

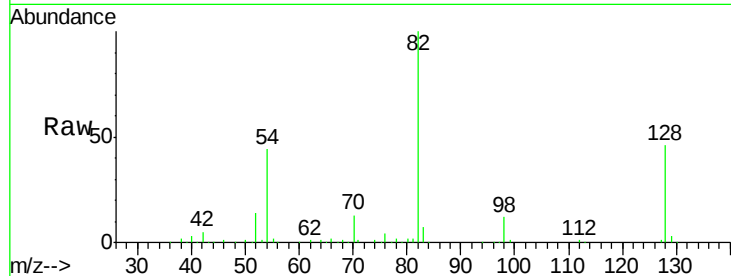




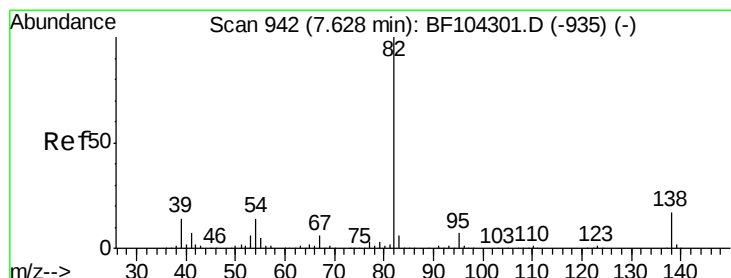
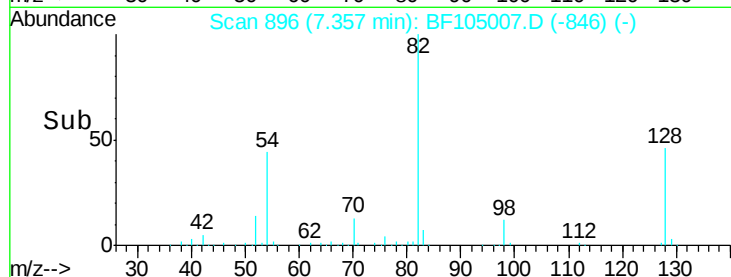
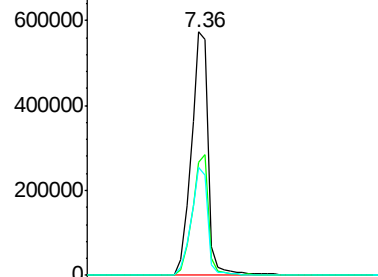
#23
Nitrobenzene-d5
Concen: 97.088 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105007.D
Acq: 2 May 2018 3:19

Instrument :
BNA_F
ClientSampleId :
042418-SIDI-E-U-B

Tgt Ion: 82 Resp: 653311
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 44.3 41.4 62.2

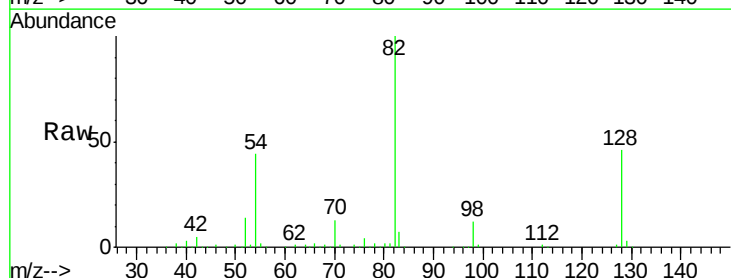


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

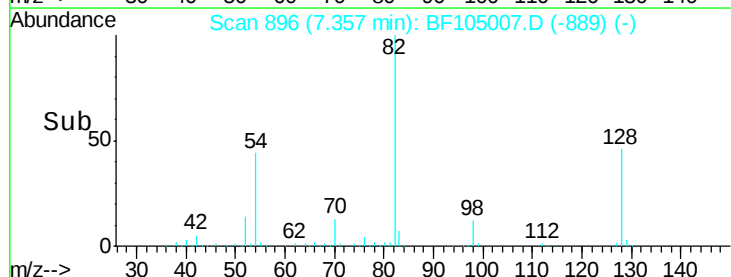
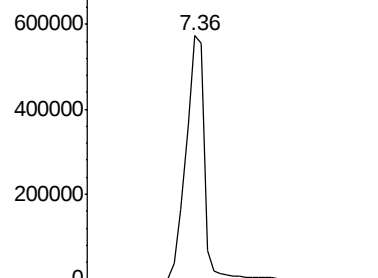


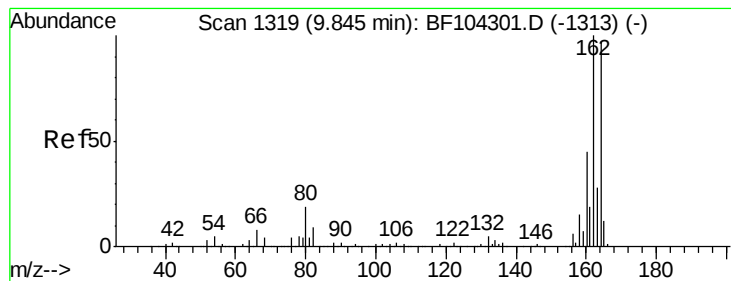
#25
Isophorone
Concen: 45.912 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105007.D
Acq: 2 May 2018 3:19

Tgt Ion: 82 Resp: 653305
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

Instrument :

BNA_F

ClientSampleId :

042418-SIDI-E-U-B

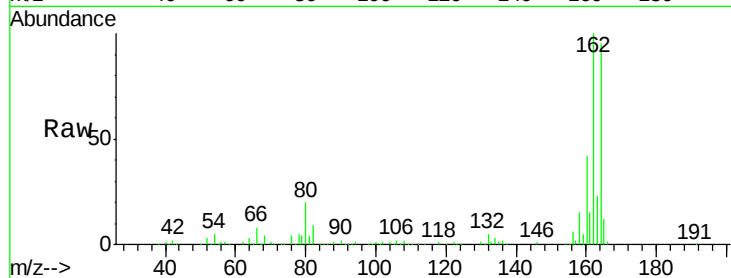
Tgt Ion:164 Resp: 190560

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

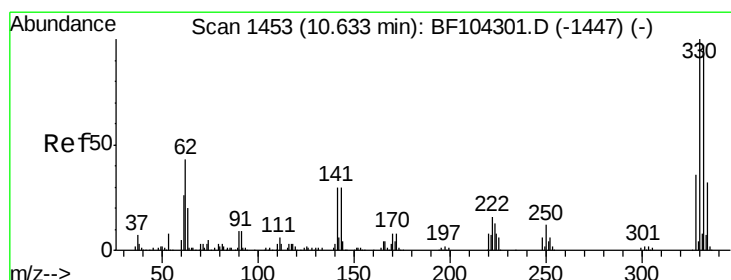
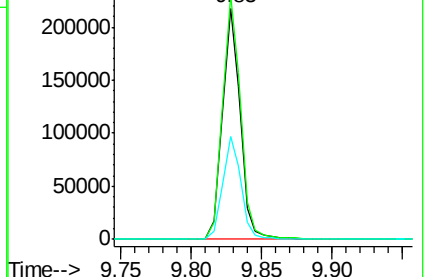
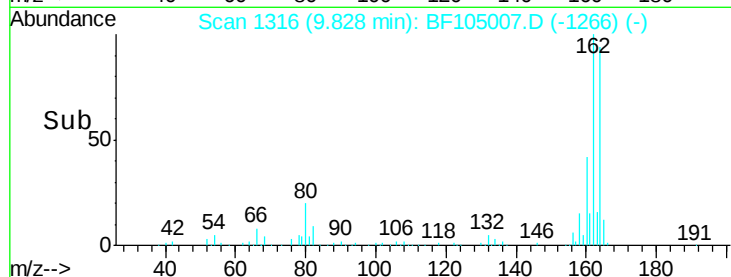
160 44.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 81.494 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

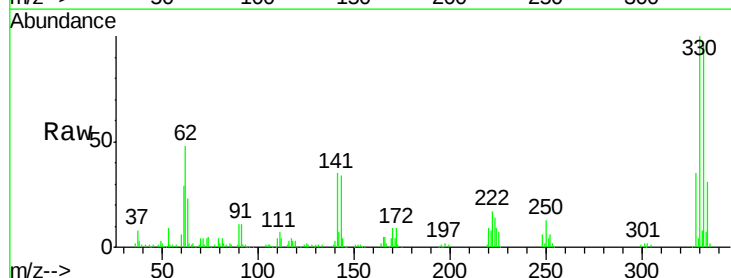
Tgt Ion:330 Resp: 161092

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

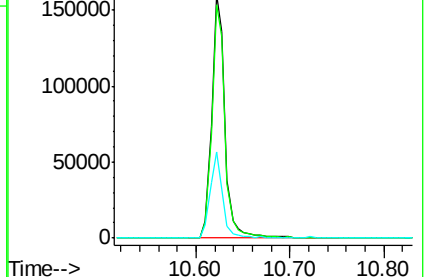
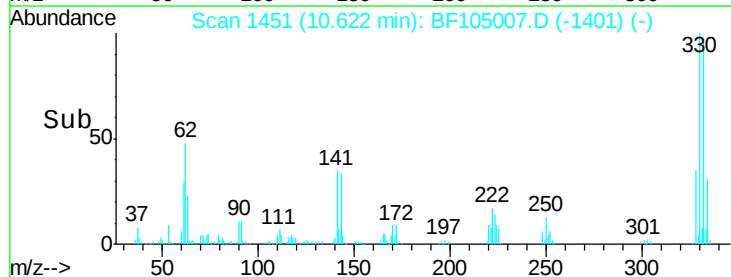
141 33.2 29.9 44.9

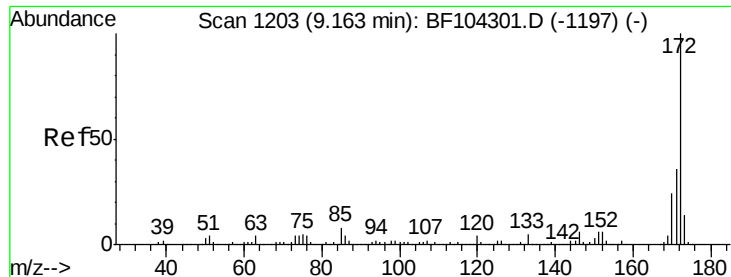


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

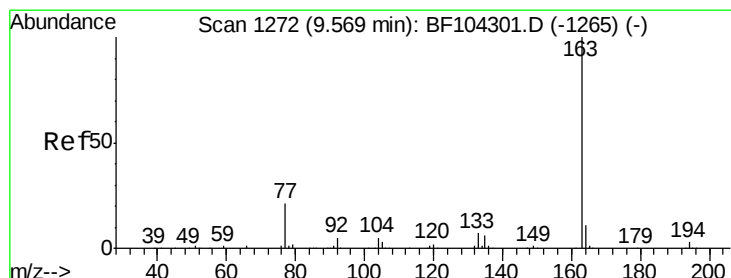
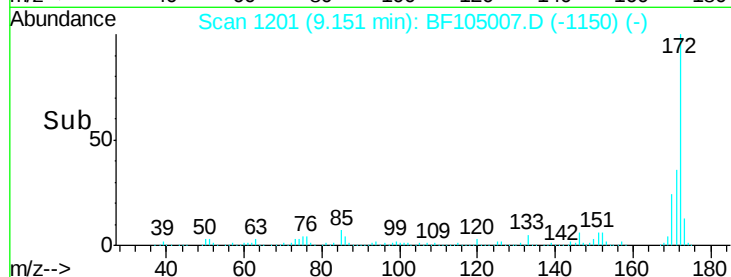
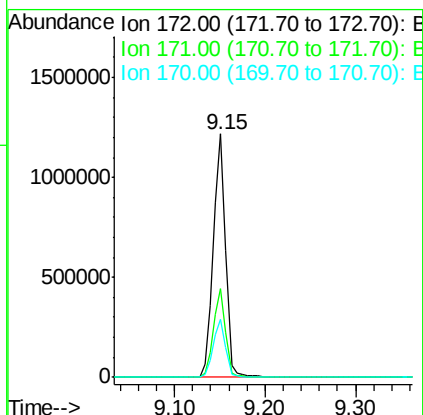
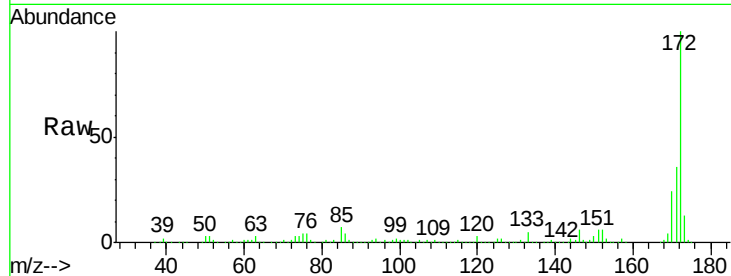




#44
 2-Fluorobiphenyl
 Concen: 96.656 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

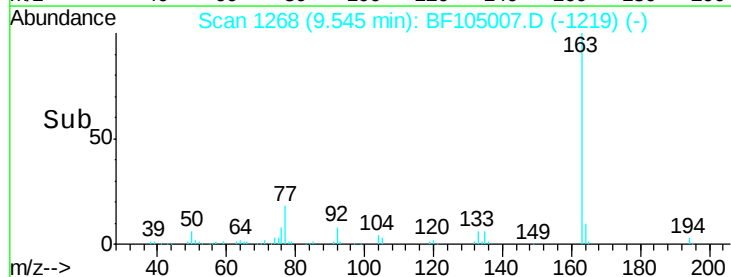
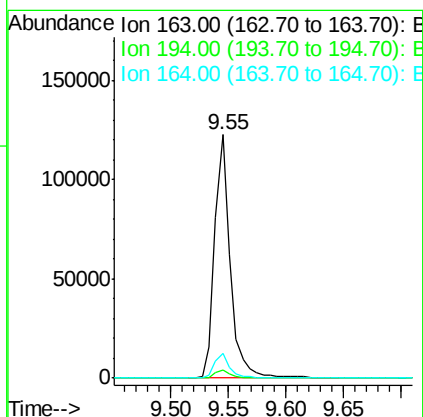
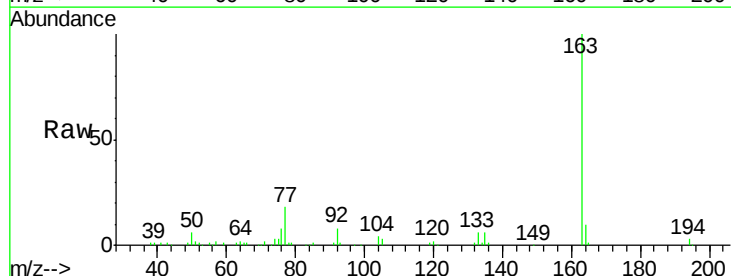
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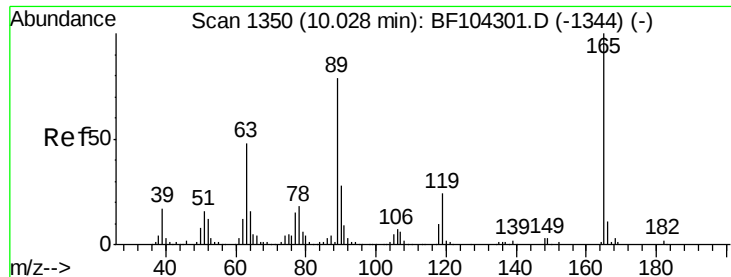
Tgt Ion:172 Resp: 1165925
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.662 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Tgt Ion:163 Resp: 115139
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.3 8.2 12.2

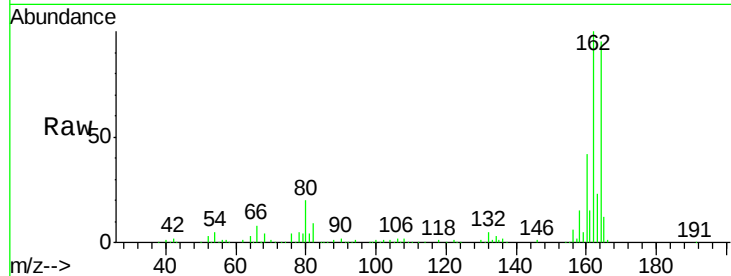




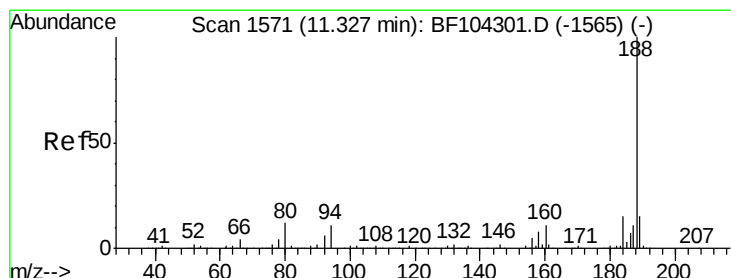
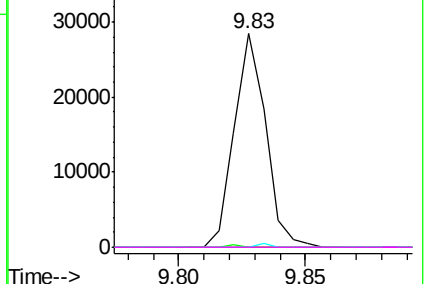
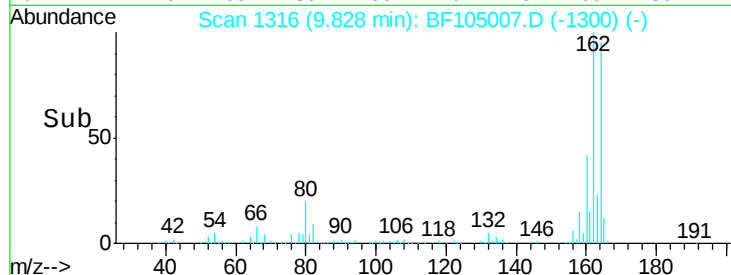
#56
 2,4-Dinitrotoluene
 Concen: 6.728 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 042418-SIDI-E-U-B

Tgt Ion:165 Resp: 24541
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

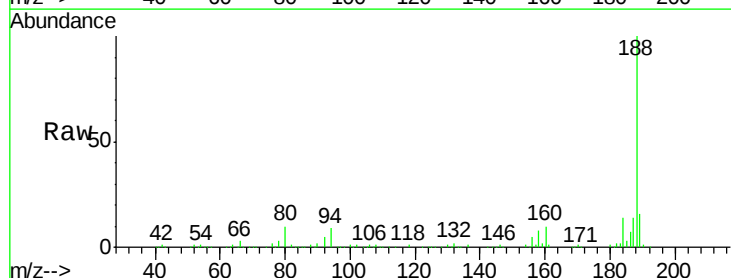


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

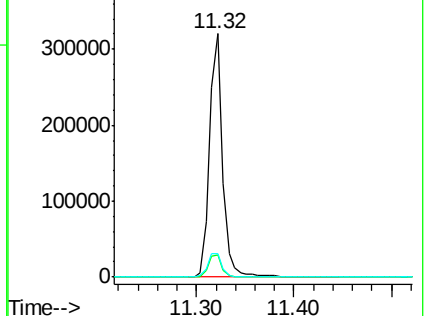
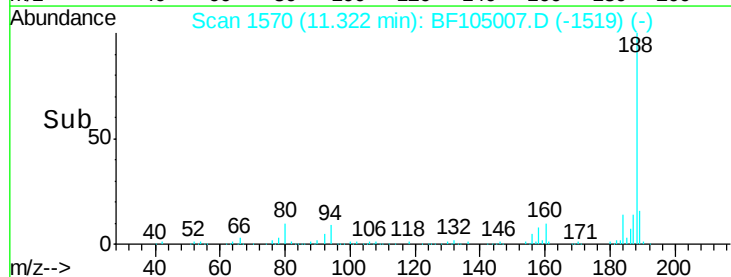


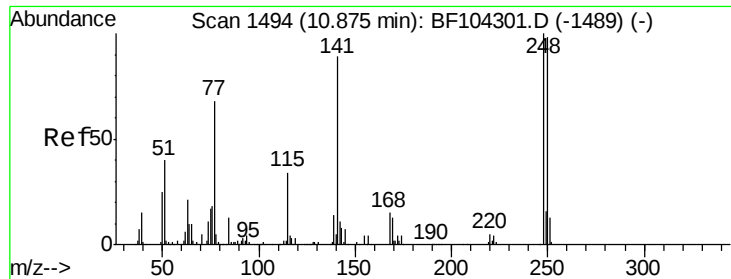
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Tgt Ion:188 Resp: 297666
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

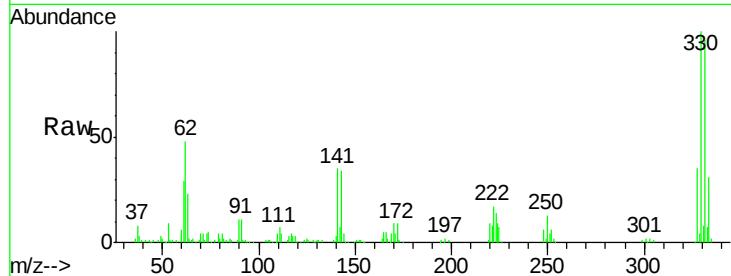




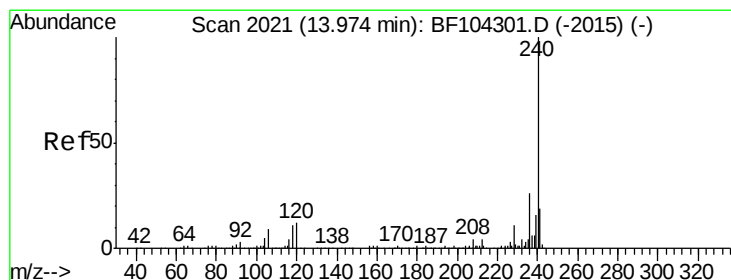
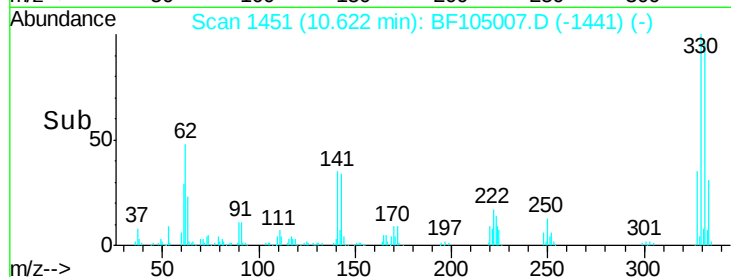
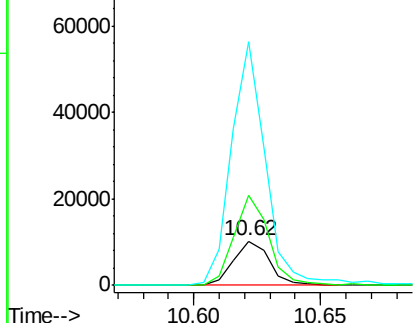
#66
 4-Bromophenyl-phenylether
 Concen: 3.181 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 042418-SIDI-E-U-B

Tgt Ion: 248 Resp: 10071
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 549.0 74.4 111.6#

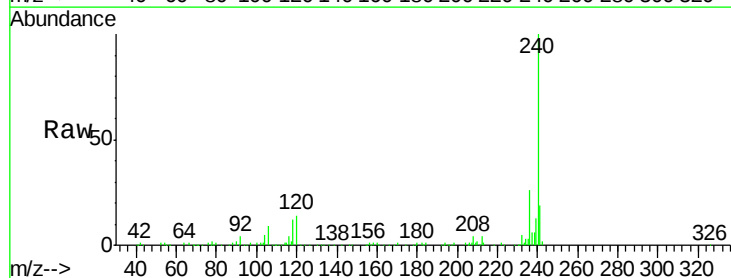


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

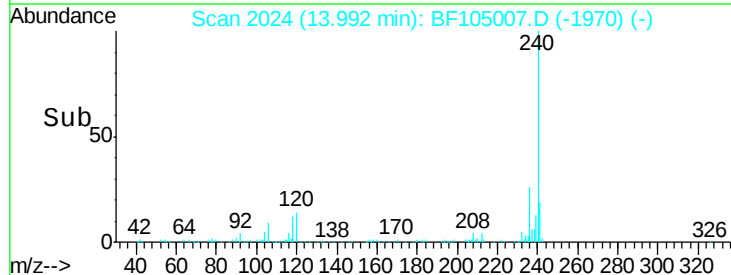
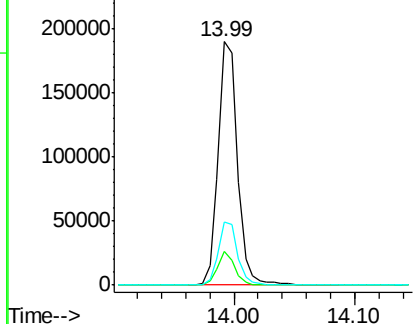


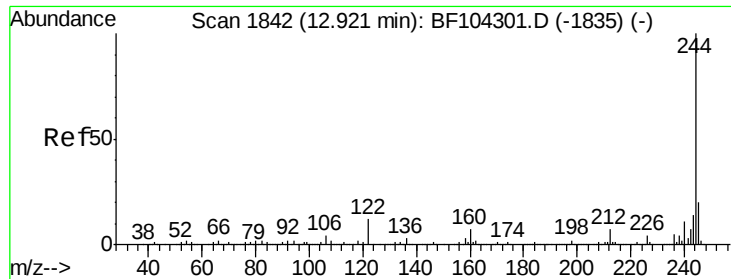
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF105007.D
 Acq: 2 May 2018 3:19

Tgt Ion: 240 Resp: 209122
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.9 20.7 31.1



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





#78

Terphenyl-d14

Concen: 94.218 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

Instrument :

BNA_F

ClientSampleId :

042418-SIDI-E-U-B

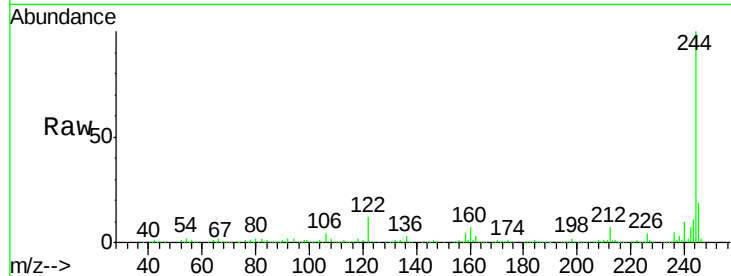
Tgt Ion:244 Resp: 864231

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

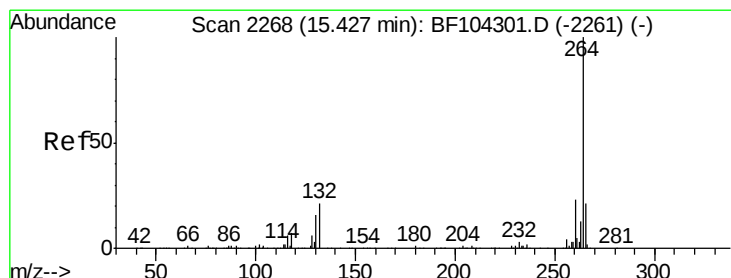
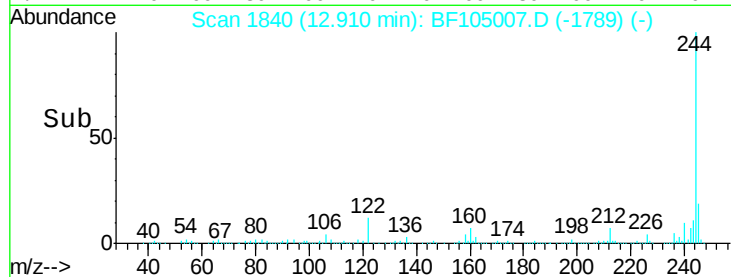
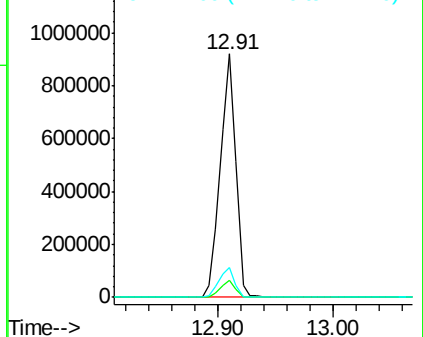
122 12.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.09 min

Lab File: BF105007.D

Acq: 2 May 2018 3:19

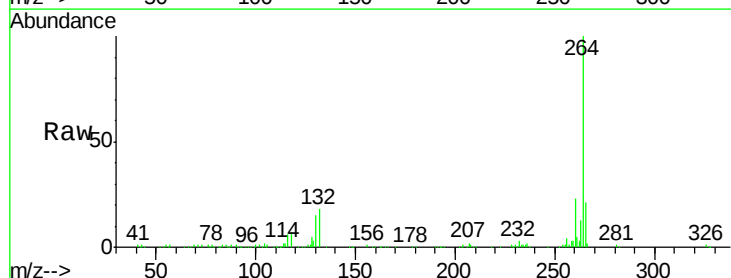
Tgt Ion:264 Resp: 186961

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.0 17.5 26.3



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

