

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111775.D
 Acq On : 27 Dec 2018 21:01
 Operator : JU/SJ
 Sample : J6188-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

Quant Time: Dec 28 00:17:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

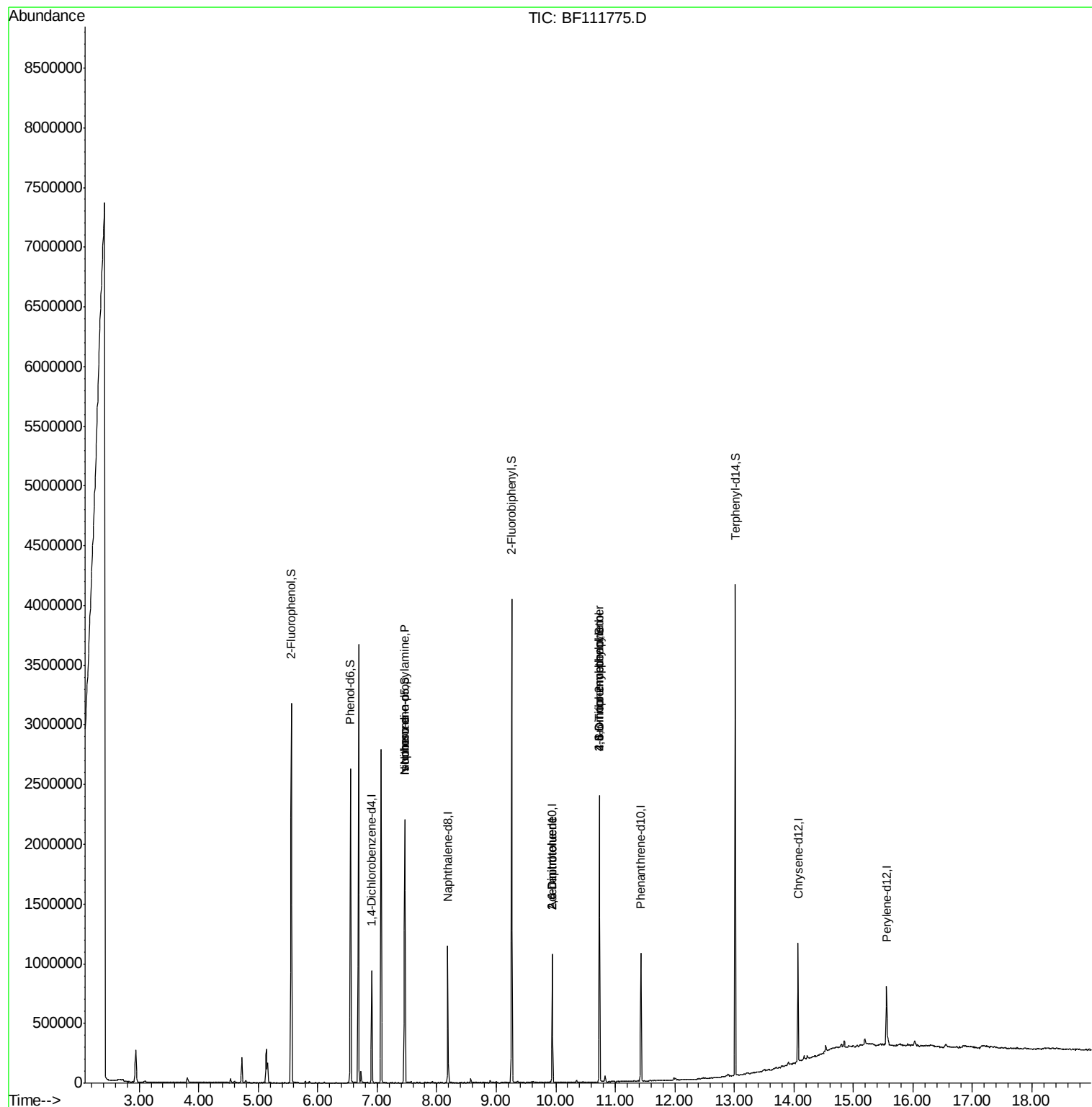
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	139622	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	473177	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	212301	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	385155	20.00	ng	0.01
76) Chrysene-d12	14.07	240	318838	20.00	ng	0.02
87) Perylene-d12	15.56	264	237192	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	780995	95.35	ng	0.04
7) Phenol-d6	6.55	99	853514	81.88	ng	0.03
23) Nitrobenzene-d5	7.46	82	674879	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	270898	107.99	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1203085	82.60	ng	0.00
79) Terphenyl-d14	13.02	244	1321374	78.59	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	91888	13.273	ng	# 77
25) Isophorone	7.46	82	674870	46.764	ng	# 64
51) 2,6-Dinitrotoluene	9.95	165	27184	8.781	ng	# 30
57) 2,4-Dinitrotoluene	9.95	165	27184	7.306	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.73	198	649	7.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	16729	3.502	ng	# 1

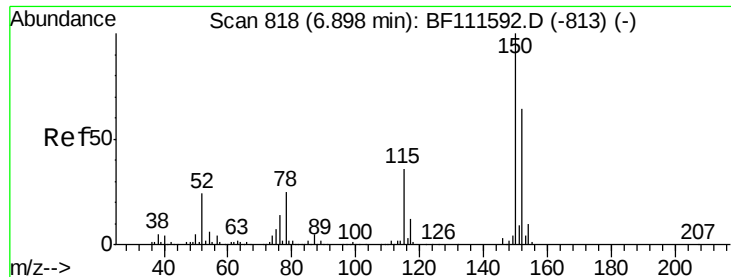
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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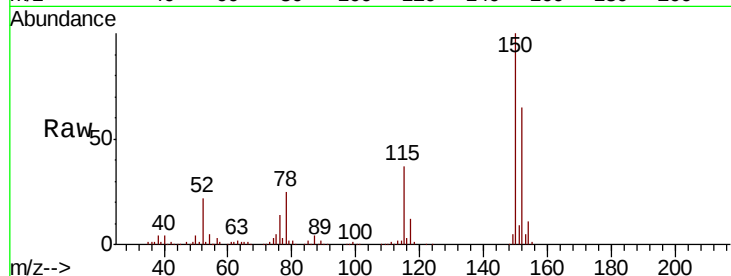


#1

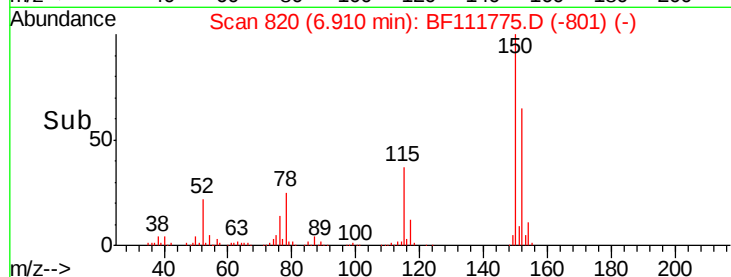
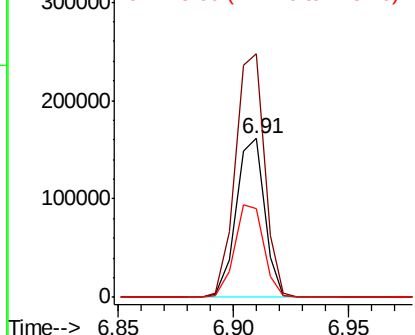
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tgt Ion:152 Resp: 139622
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 56.0 50.7 76.1



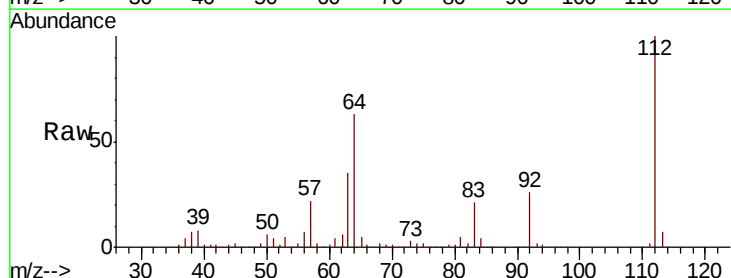
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



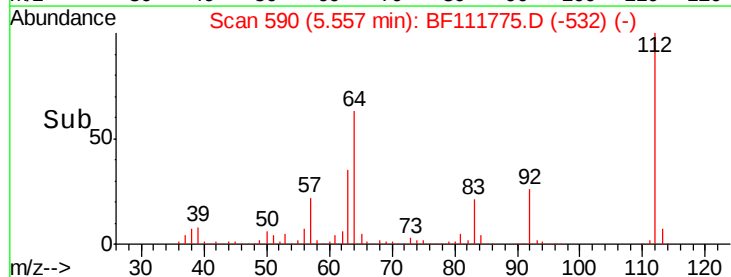
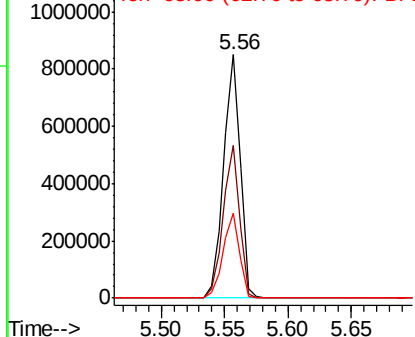
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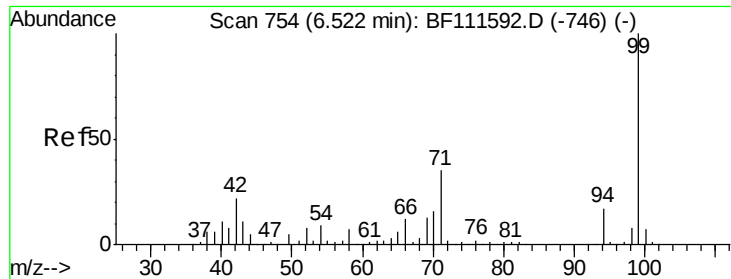
2-Fluorophenol
Concen: 95.345 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.04 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Tgt Ion:112 Resp: 780995
Ion Ratio Lower Upper
112 100
64 62.9 51.8 77.6
63 34.9 26.8 40.2



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: 81.875 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

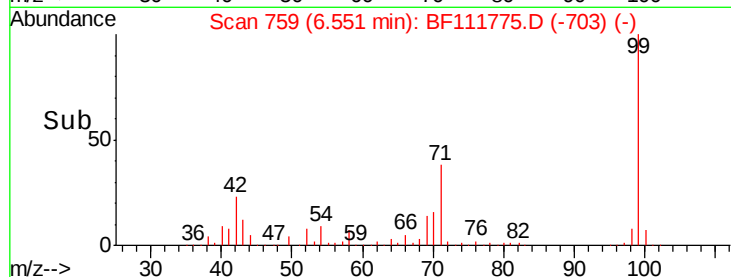
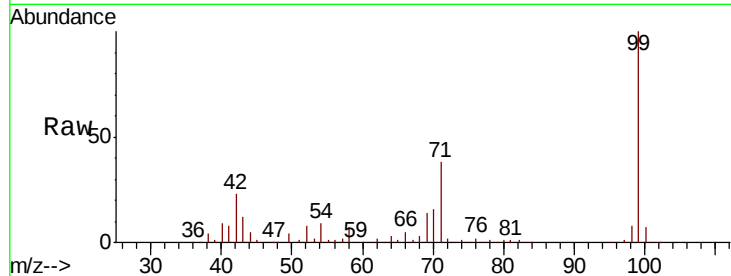
Tgt Ion: 99 Resp: 853514

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

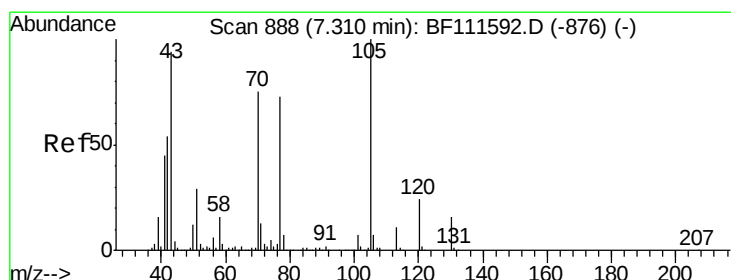
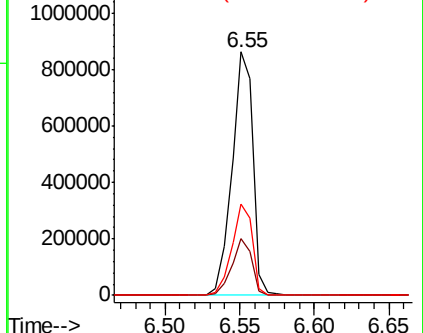
71 37.6 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.273 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Tgt Ion: 70 Resp: 91888

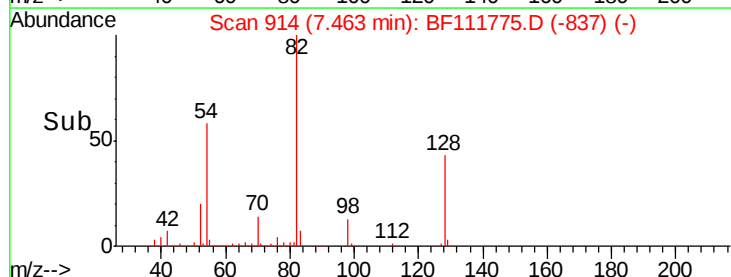
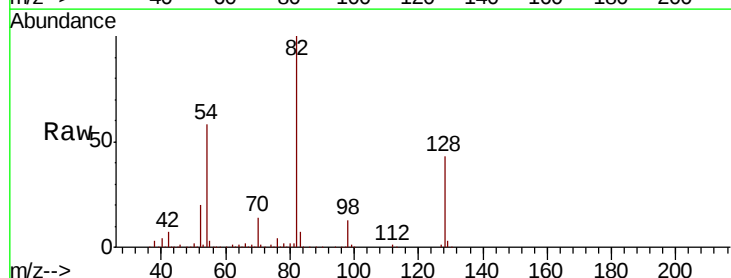
Ion Ratio Lower Upper

70 100

42 53.8 53.2 79.8

101 0.0 8.2 12.4#

130 1.8 18.1 27.1#

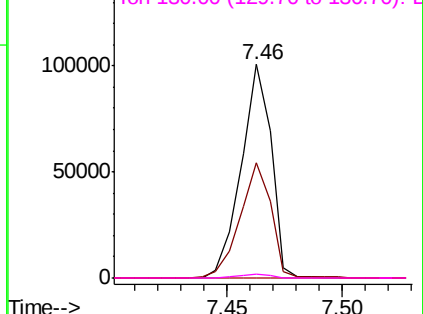


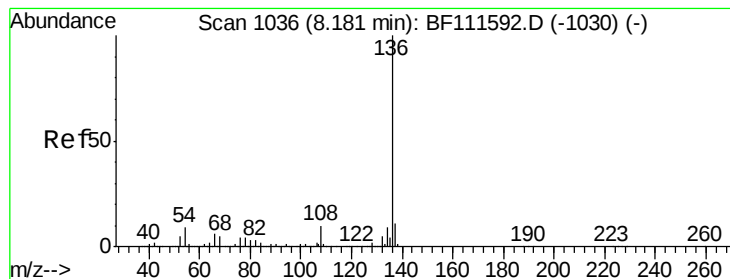
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

Tgt Ion: 136 Resp: 473177

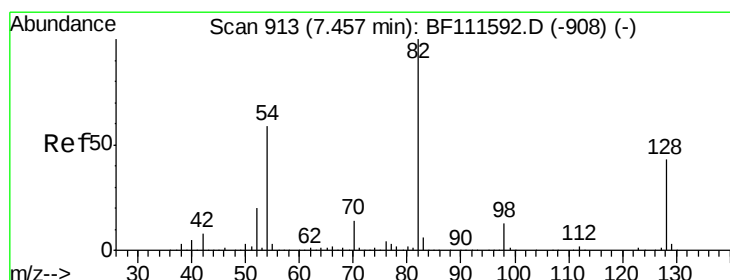
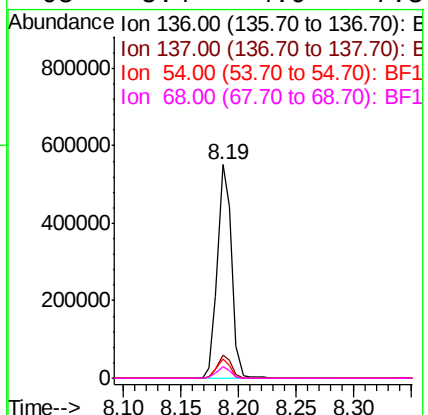
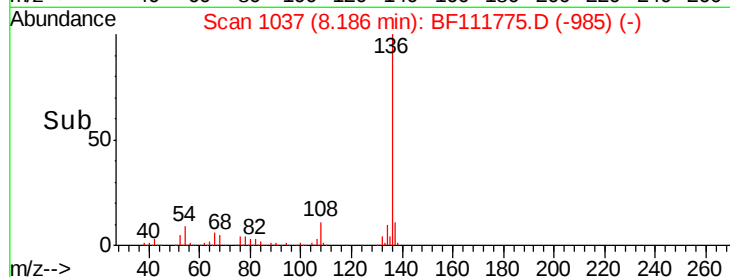
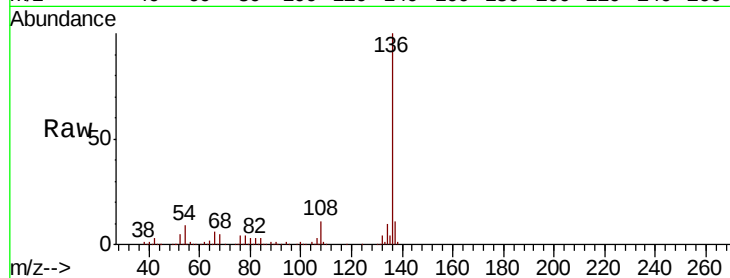
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.3 7.7 11.5

68 5.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 83.020 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

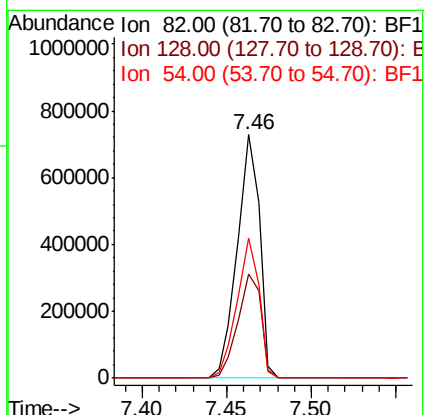
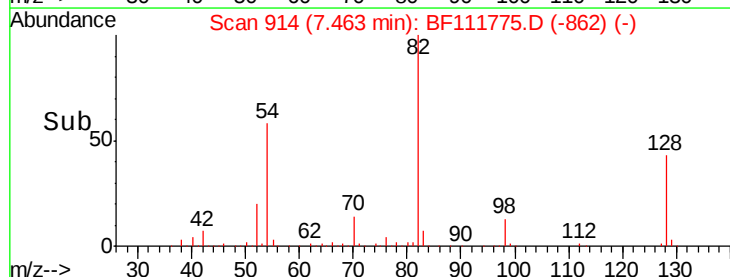
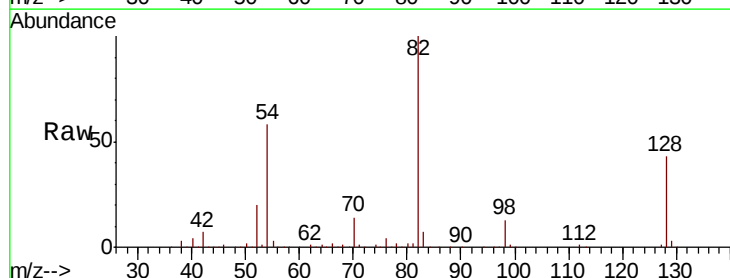
Tgt Ion: 82 Resp: 674879

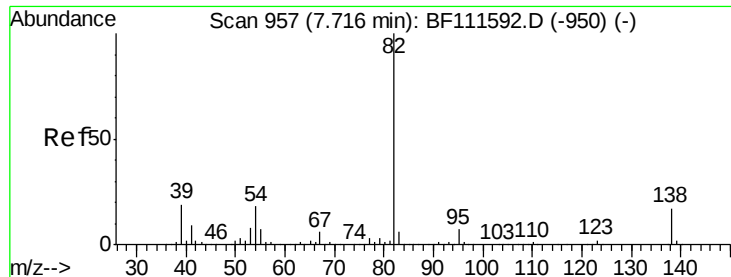
Ion Ratio Lower Upper

82 100

128 42.7 37.4 56.2

54 57.6 47.6 71.4

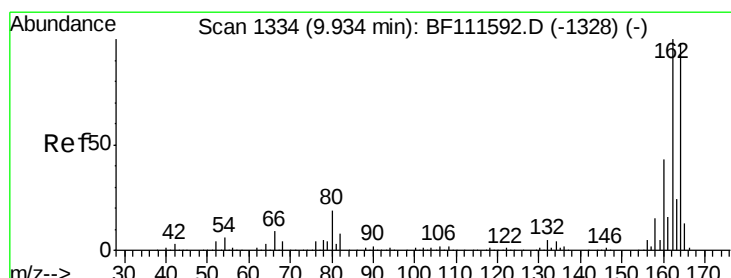
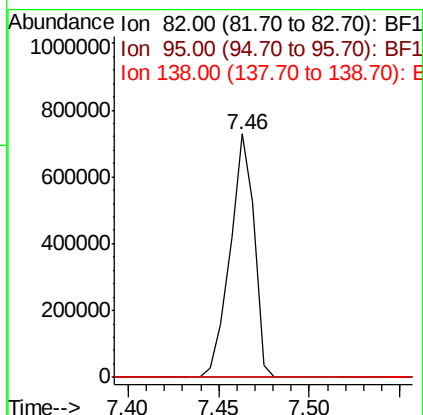
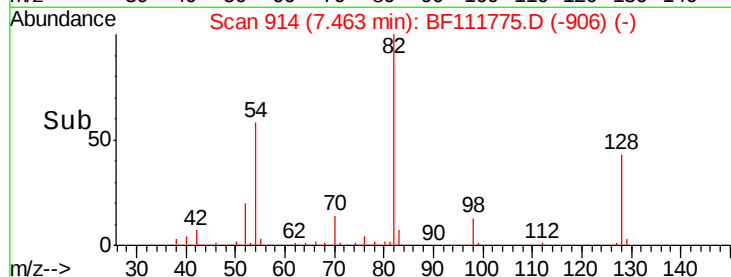
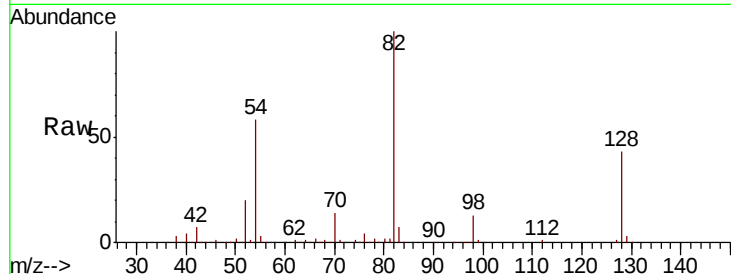




#25
Isophorone
Concen: 46.764 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

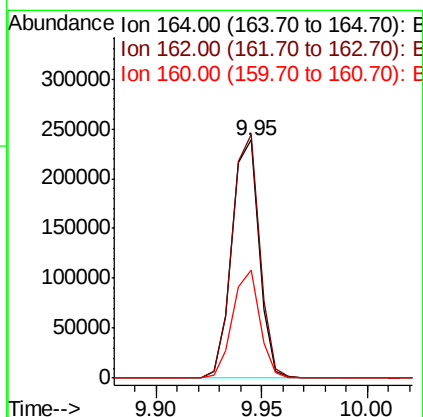
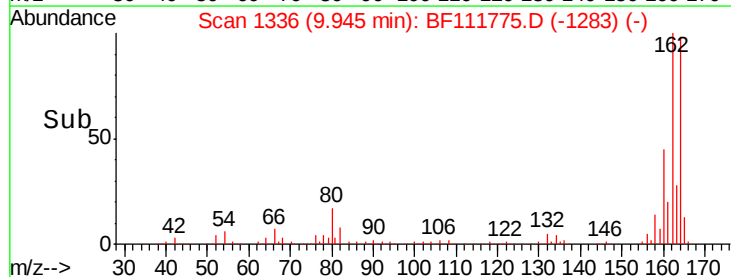
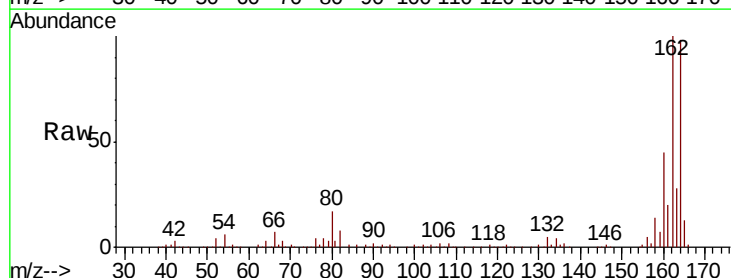
Instrument :
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BU-03-122118

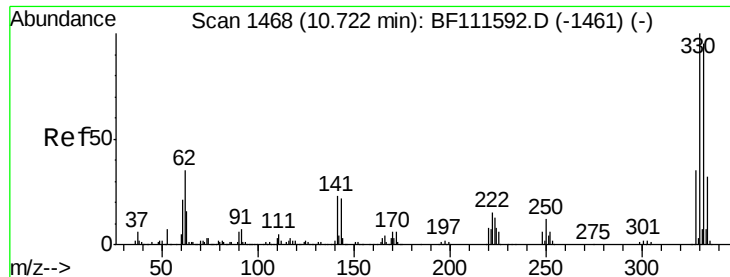
Tgt Ion: 82 Resp: 674870
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Tgt Ion: 164 Resp: 212301
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.4 35.7 53.5

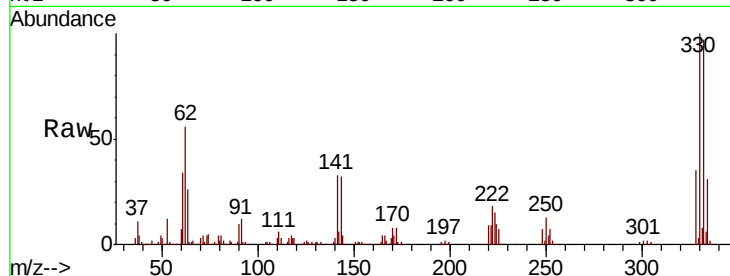




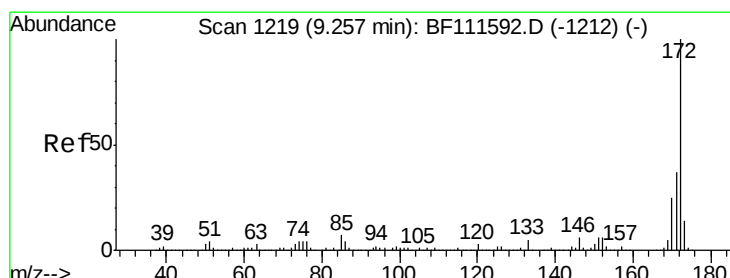
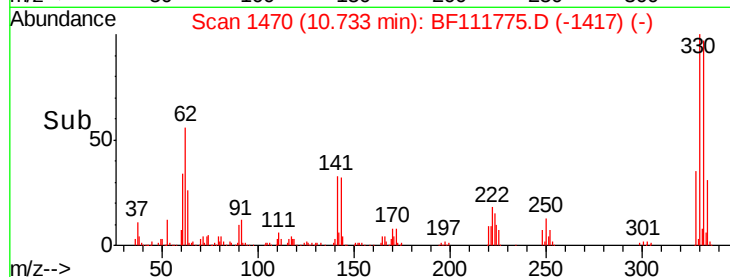
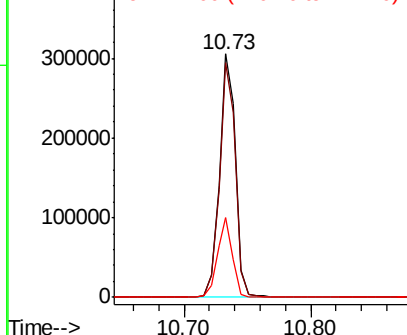
#42
 2,4,6-Tribromophenol
 Concen: 107.992 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

Tgt Ion:330 Resp: 270898
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 30.9 31.0 46.6#

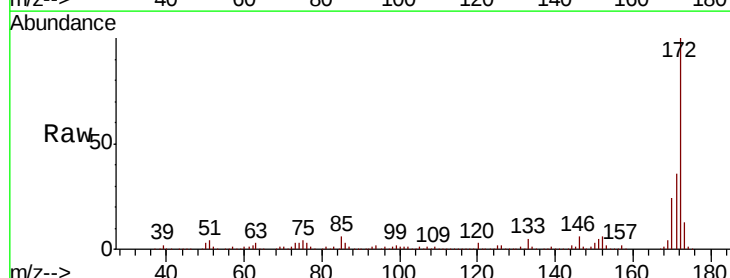


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

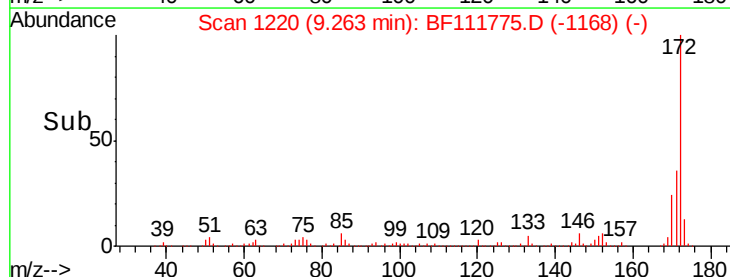
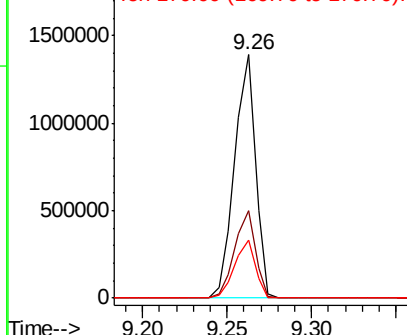


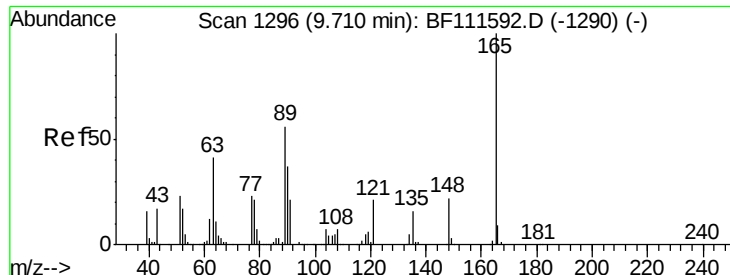
#45
 2-Fluorobiphenyl
 Concen: 82.599 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Tgt Ion:172 Resp: 1203085
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 24.1 22.3 33.5



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: 8.781 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.24 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

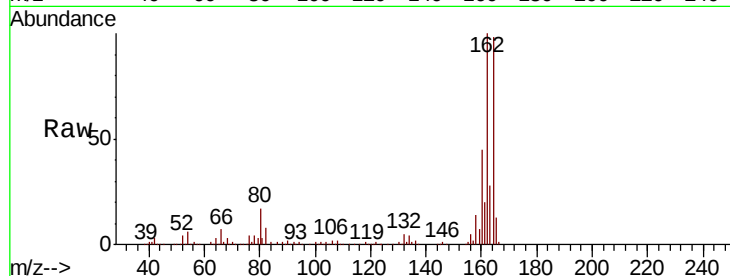
Tgt Ion:165 Resp: 27184

Ion Ratio Lower Upper

165 100

63 1.5 40.5 60.7#

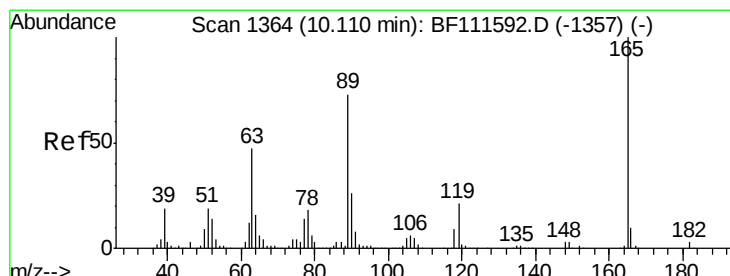
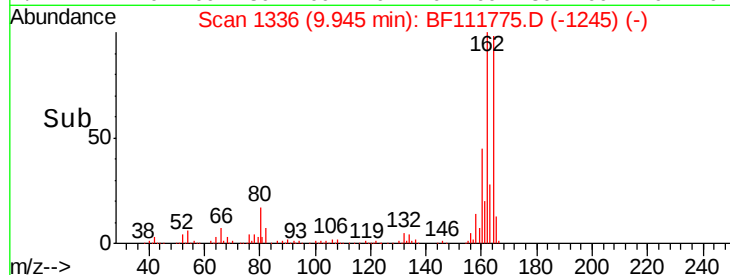
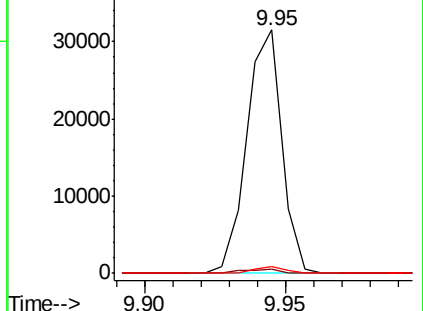
89 3.0 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 7.306 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.16 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Tgt Ion:165 Resp: 27184

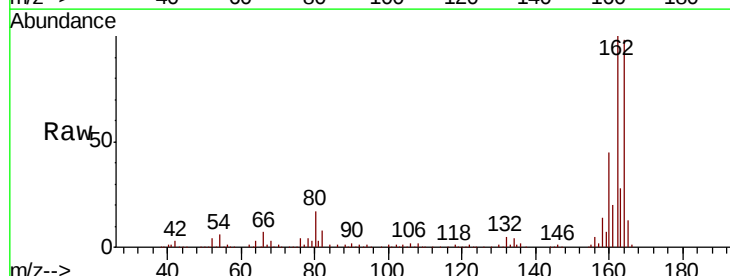
Ion Ratio Lower Upper

165 100

63 1.5 34.6 52.0#

89 3.0 56.2 84.4#

182 0.0 1.8 2.6#

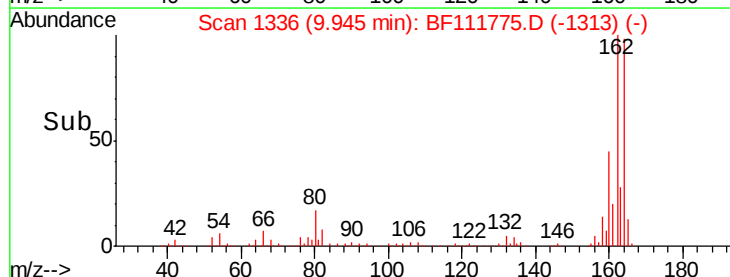
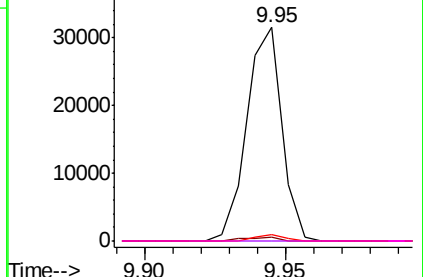


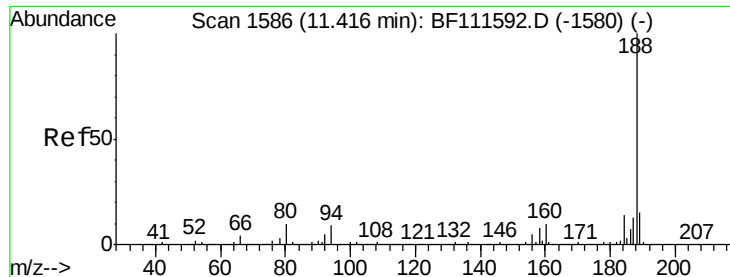
Abundance Ion 165.00 (164.70 to 165.70): E

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

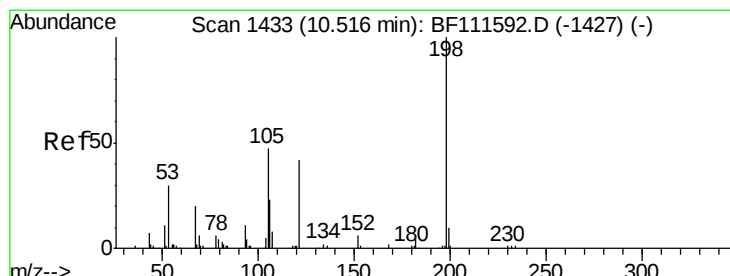
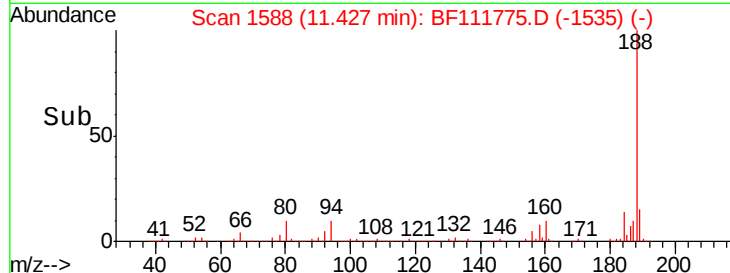
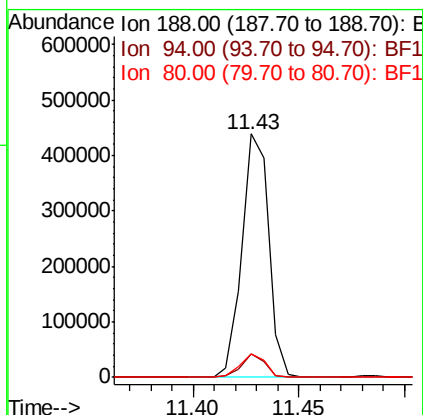
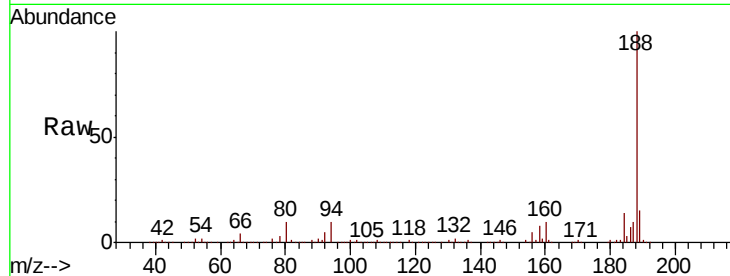




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

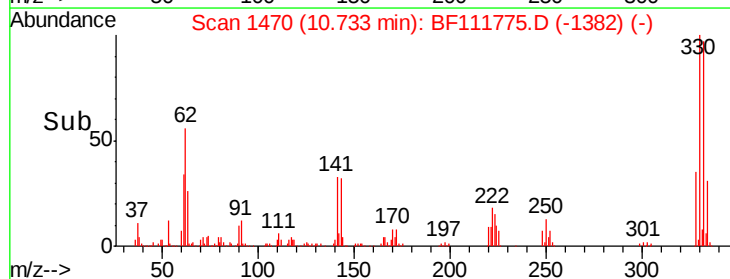
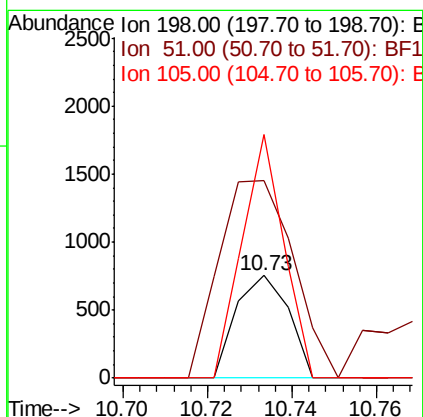
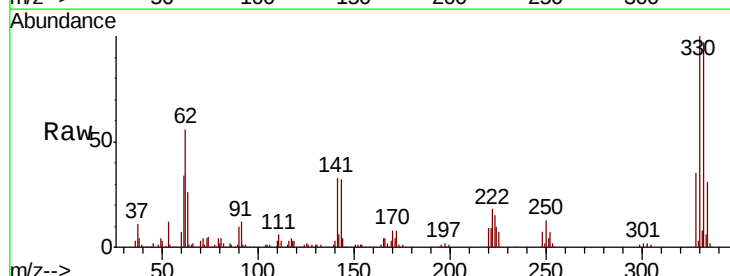
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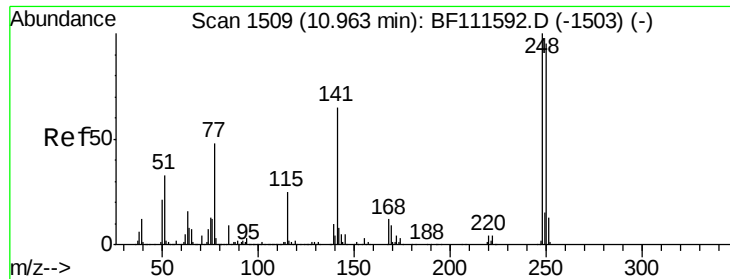
Tgt Ion:	188	Resp:	385155
Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	9.8	9.8	14.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.044 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.22 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Tgt Ion:	198	Resp:	649
Ion	Ratio	Lower	Upper
198	100		
51	192.7	48.0	88.0#
105	238.0	34.0	74.0#

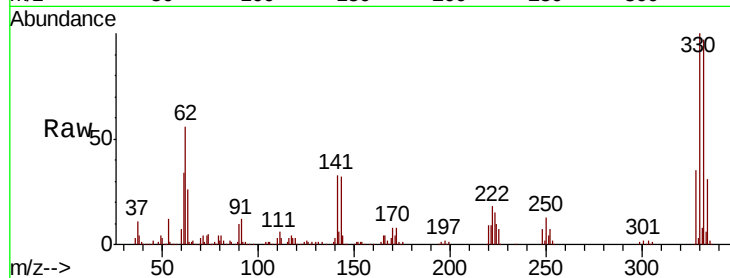




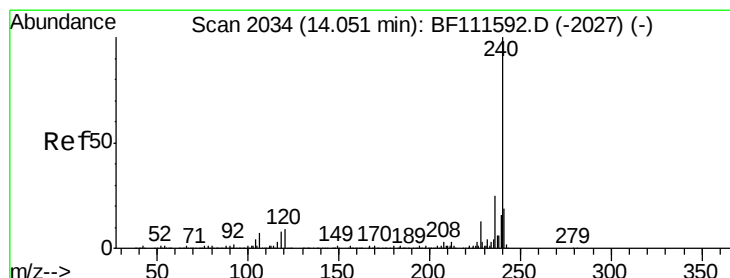
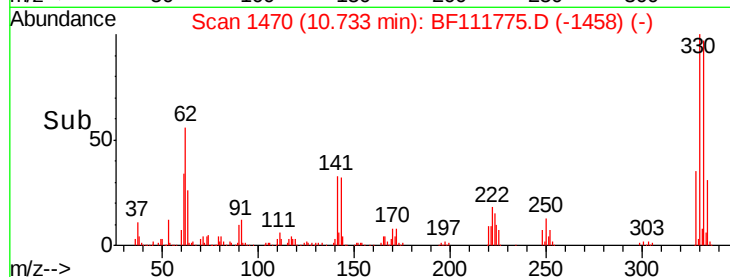
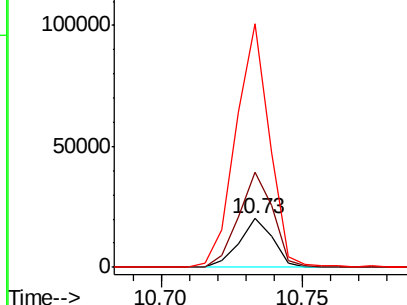
#67
4-Bromophenyl-phenylether
Concen: 3.502 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.23 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tgt Ion:248 Resp: 16729
Ion Ratio Lower Upper
248 100
250 196.4 77.0 115.4#
141 500.5 63.0 94.6#

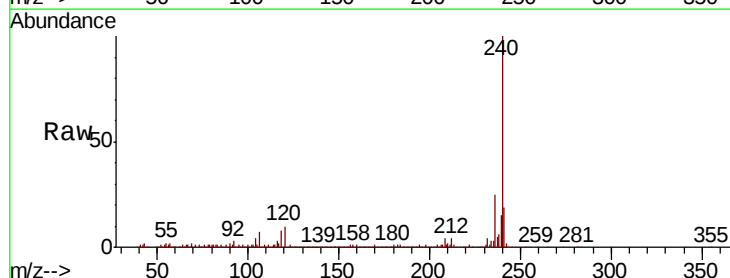


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

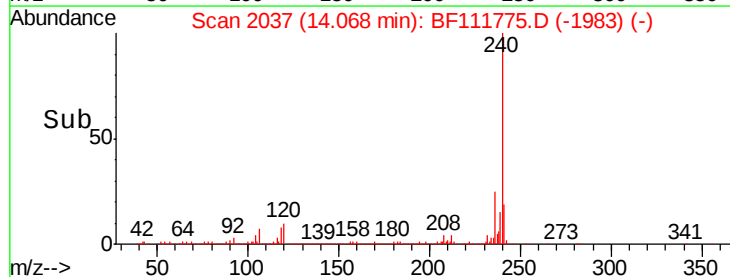
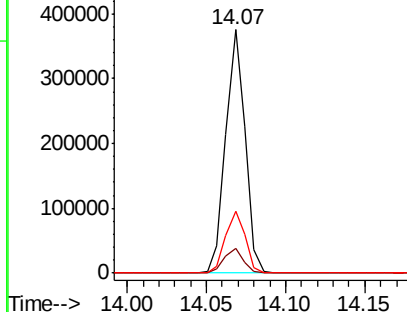


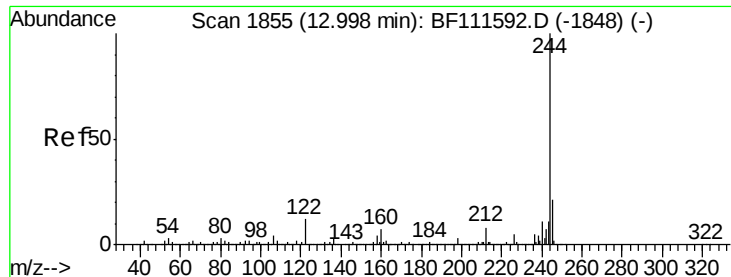
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Tgt Ion:240 Resp: 318838
Ion Ratio Lower Upper
240 100
120 10.0 12.2 18.2#
236 25.5 20.2 30.2



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: 78.594 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

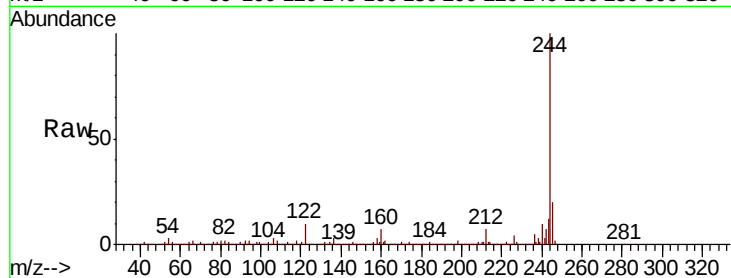
Tgt Ion:244 Resp: 1321374

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.4 13.1 19.7#

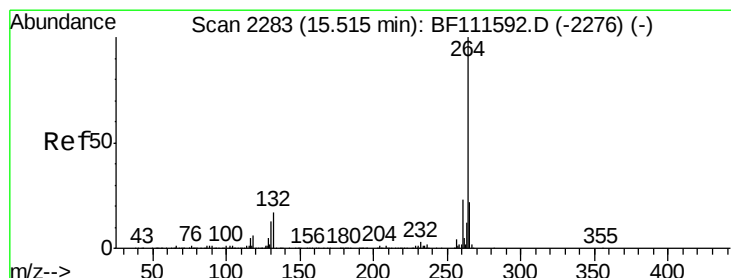
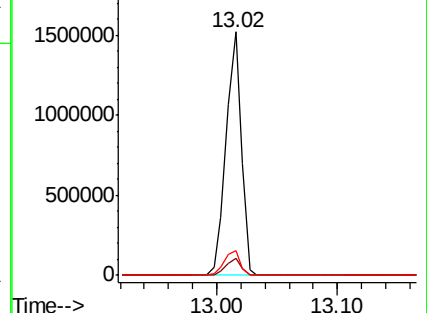
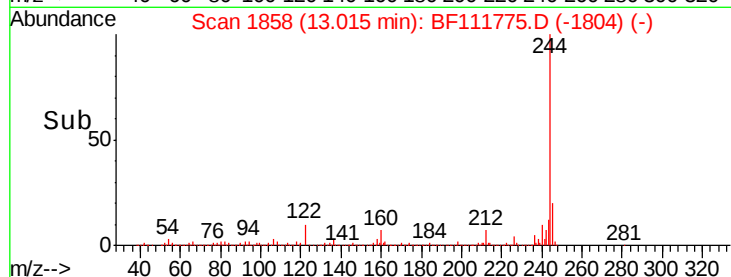


Abundance

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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

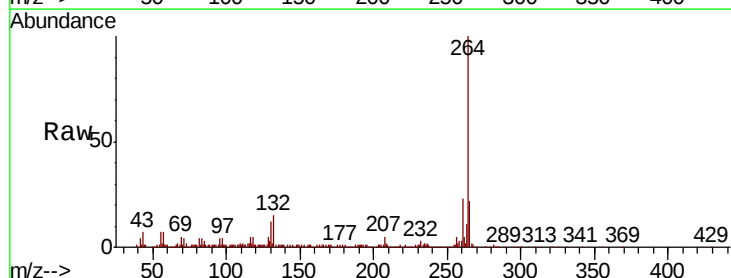
Tgt Ion:264 Resp: 237192

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.6 17.7 26.5



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

