

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111272.D
 Acq On : 11 Dec 2018 12:14
 Operator : JU/SJ
 Sample : J6224-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 13:28:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

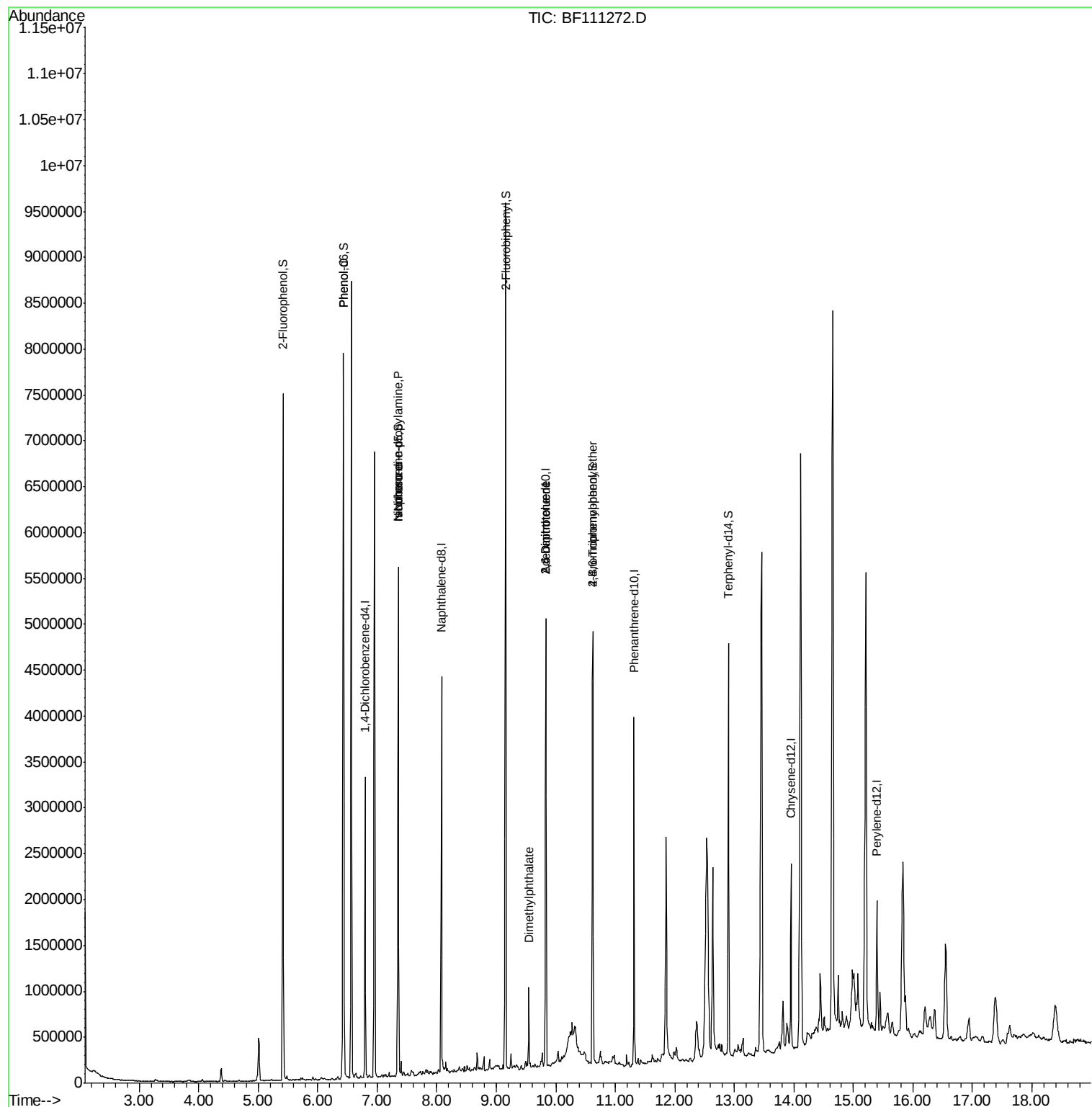
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	489697	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1974572	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	927071	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1230978	20.00	ng	0.00
76) Chrysene-d12	13.95	240	619633	20.00	ng	0.00
87) Perylene-d12	15.40	264	631672	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2286006	73.71	ng	0.01
7) Phenol-d6	6.43	99	2940145	76.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	1876667	53.31	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	528739	64.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2876403	46.56	ng	0.00
79) Terphenyl-d14	12.90	244	1422718	55.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	6085	Below Cal	Qvalue	# 1
10) Phenol	6.44	94	213655	4.741 ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	254351	9.852 ng	#	77
25) Isophorone	7.36	82	1836073	30.621 ng	#	64
46) 1,1'-Biphenyl	9.26	154	10725	Below Cal		91
50) Dimethylphthalate	9.55	163	305682	4.469 ng		98
51) 2,6-Dinitrotoluene	9.83	165	120983	8.009 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	120983	6.496 ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	35923	2.664 ng	#	1

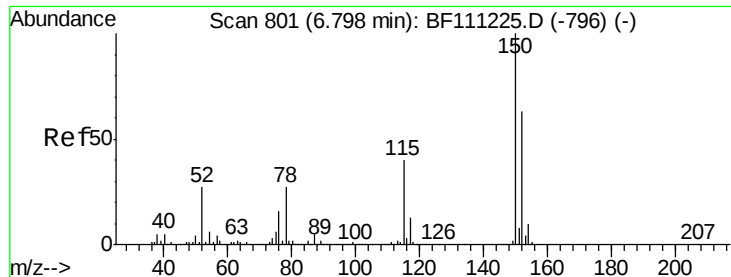
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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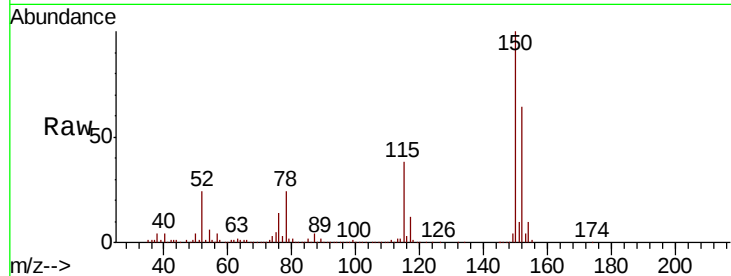


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	59.3	50.7	76.1

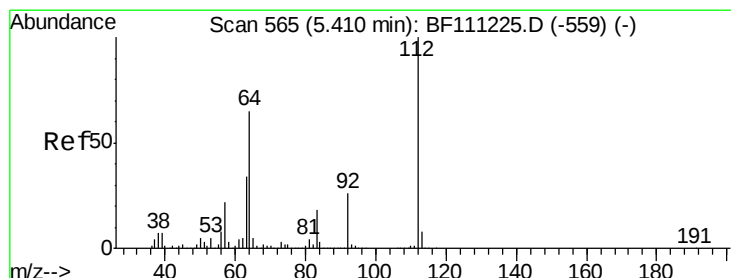
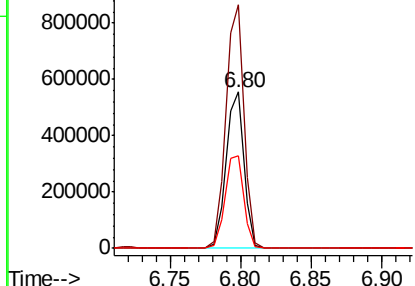
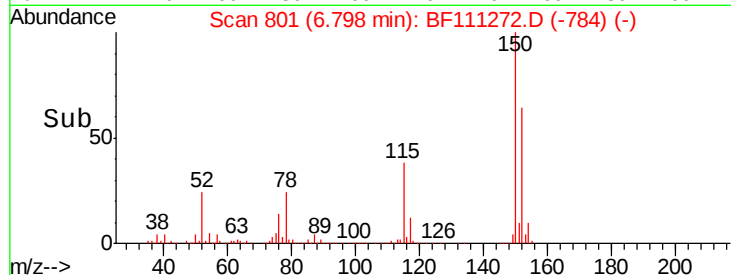


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

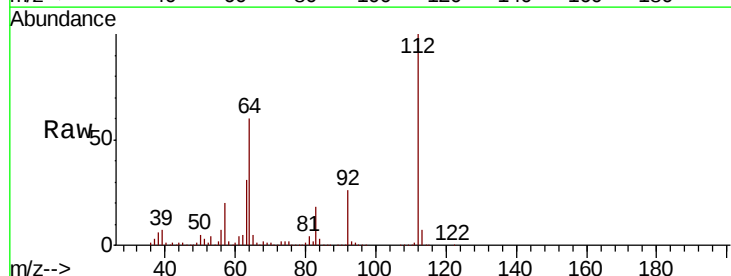
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.714 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	51.8	77.6
63	31.1	26.8	40.2

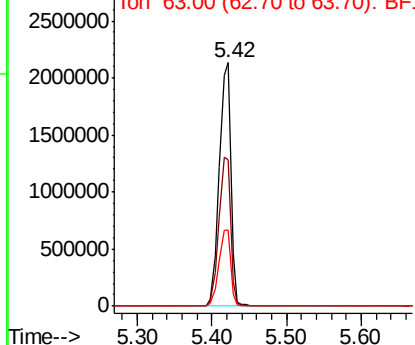
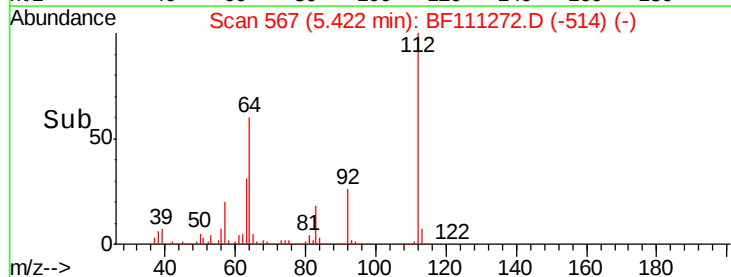


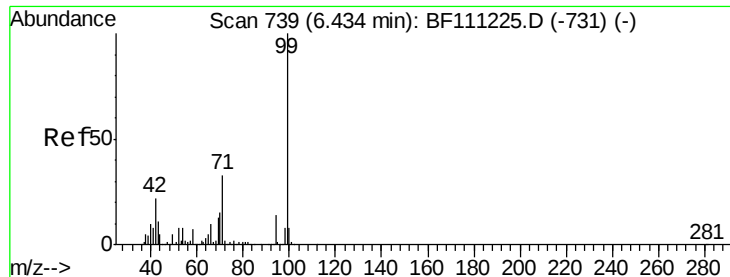
Abundance

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: 76.288 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

Instrument :

BNA_F

ClientSampleId :

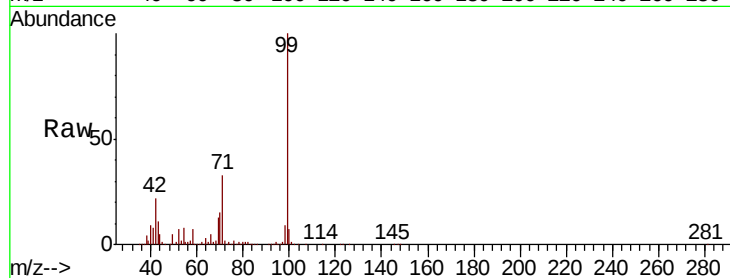
Tot Ion: 99 Resp: 2940145

Ion Ratio Lower Upper

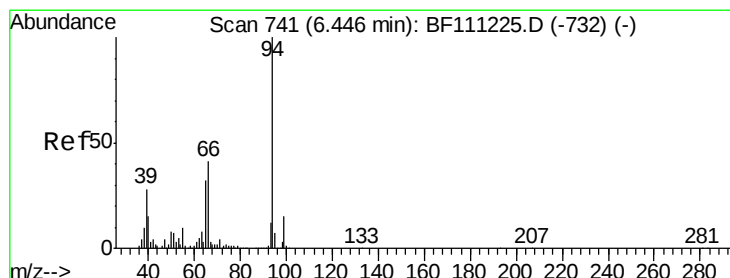
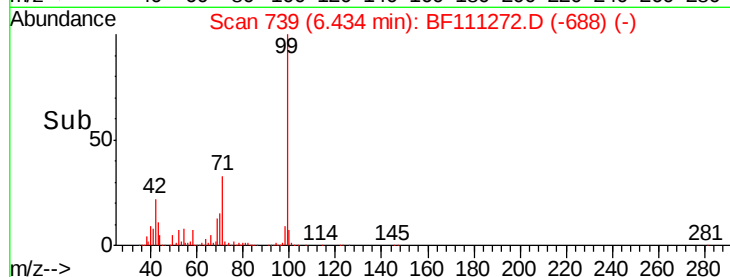
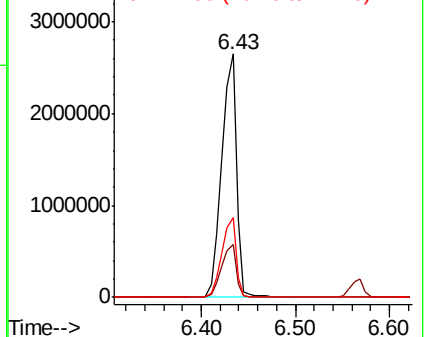
99 100

42 21.9 17.4 26.0

71 32.7 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



#10

Phenol

Concen: 4.741 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

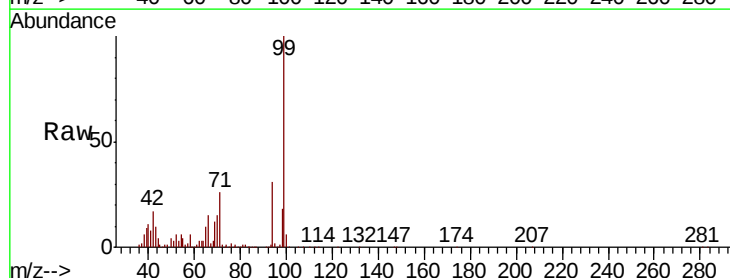
Tgt Ion: 94 Resp: 213655

Ion Ratio Lower Upper

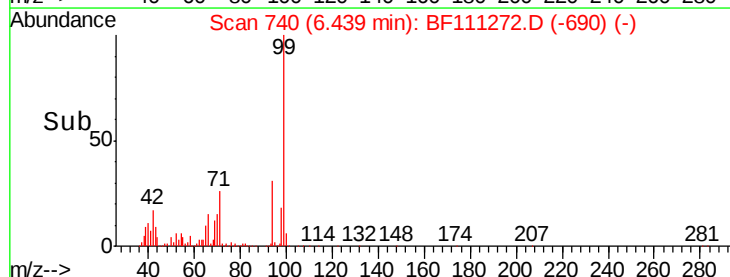
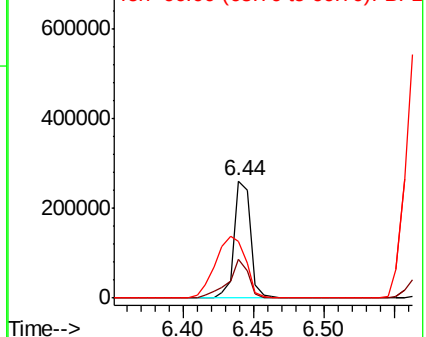
94 100

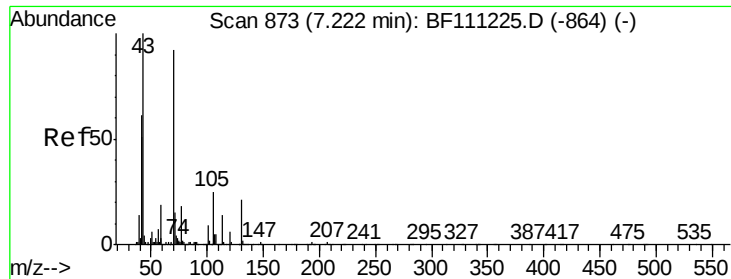
65 33.0 11.7 51.7

66 48.6 21.0 61.0



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

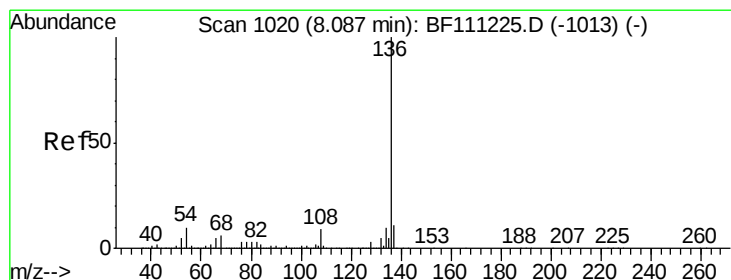
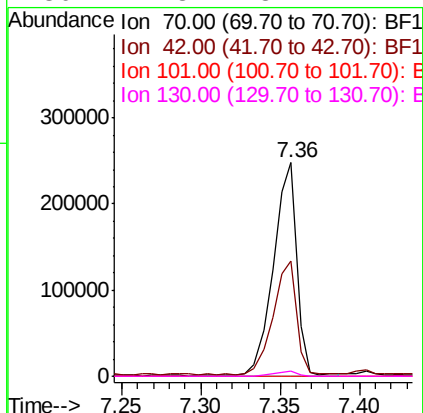
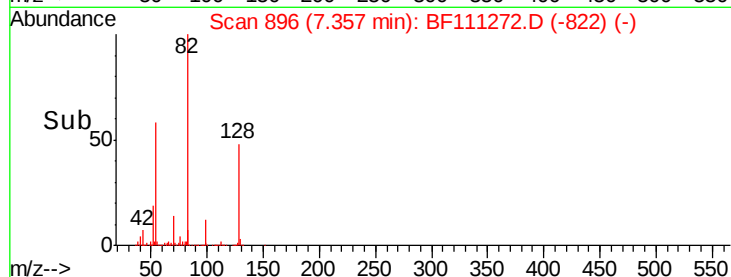
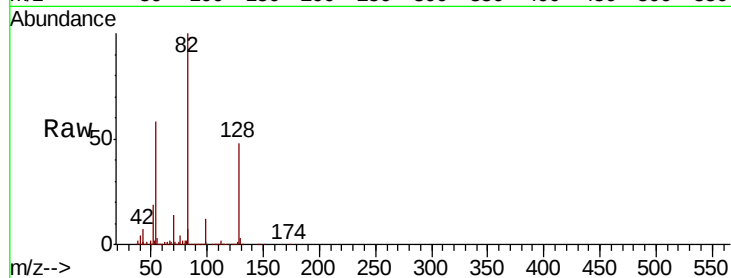




#19
n-Nitroso-di-n-propylamine
Concen: 9.852 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

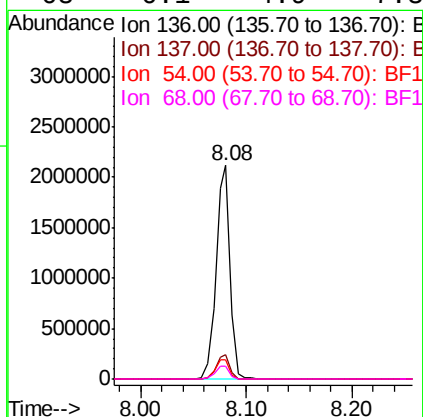
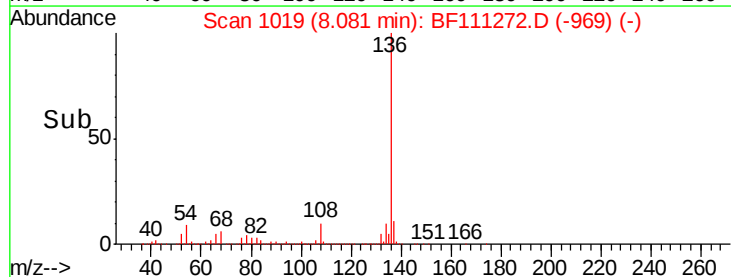
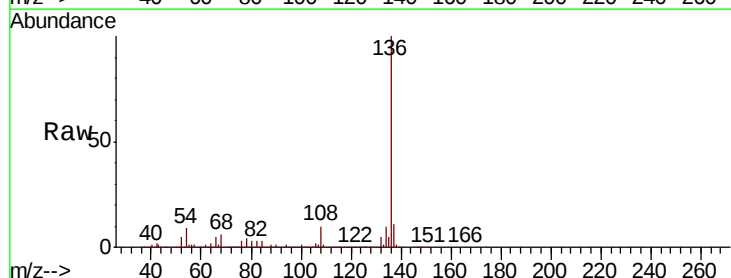
Instrument :
BNA_F
ClientSampleId :

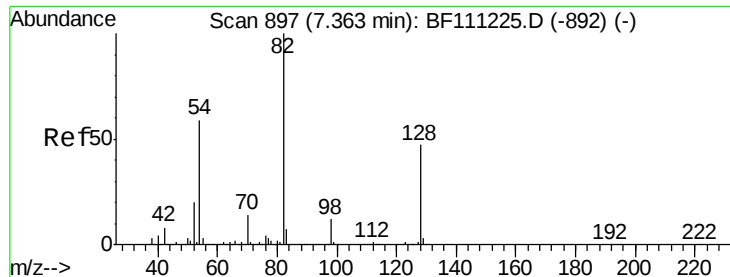
Tot Ion: 70 Resp: 254351
Ion Ratio Lower Upper
70 100
42 53.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Tgt Ion:136 Resp: 1974572
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.1 7.7 11.5
68 6.1 4.9 7.3

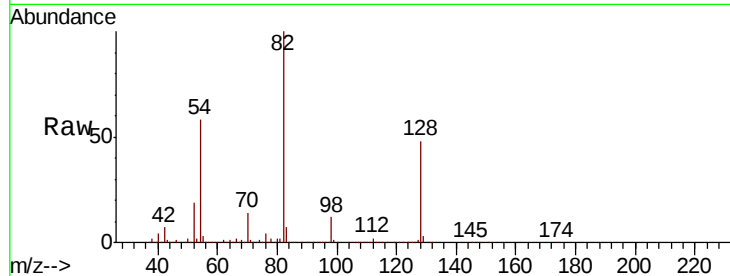




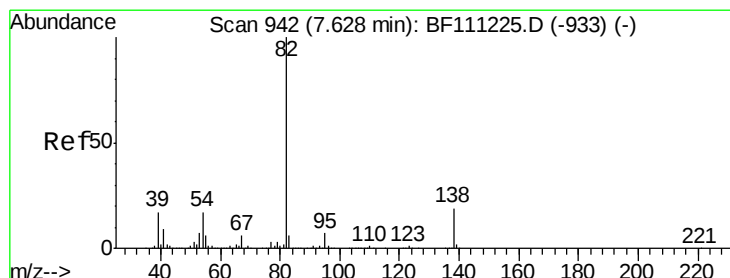
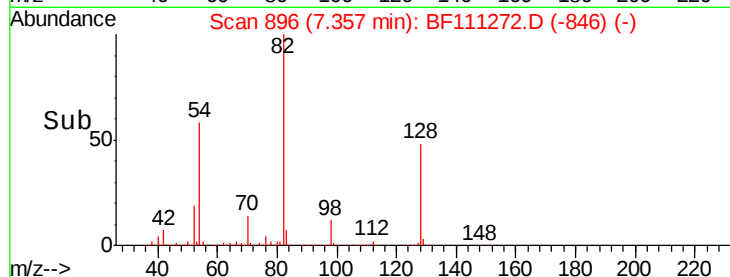
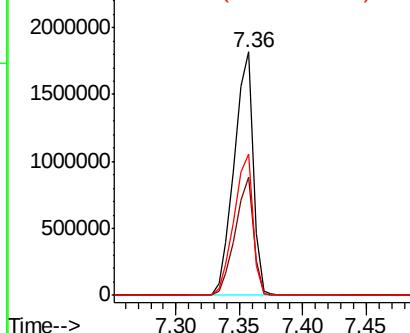
#23
Nitrobenzene-d5
Concen: 53.308 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1876667
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.2
54 58.1 47.6 71.4

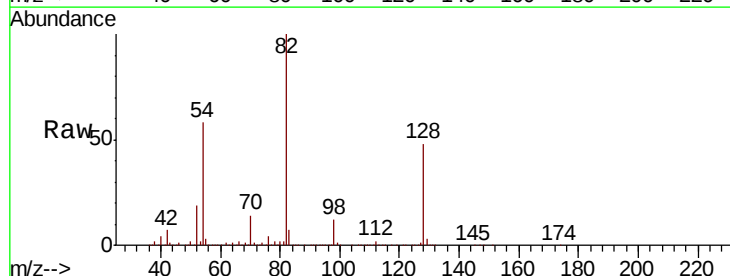


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

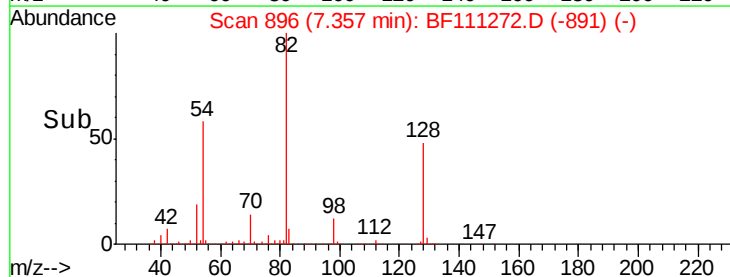
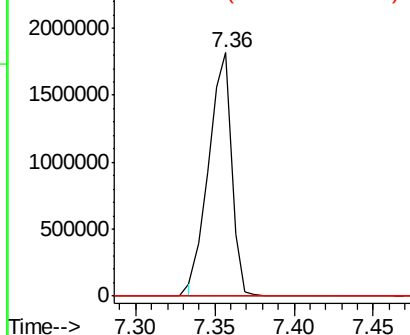


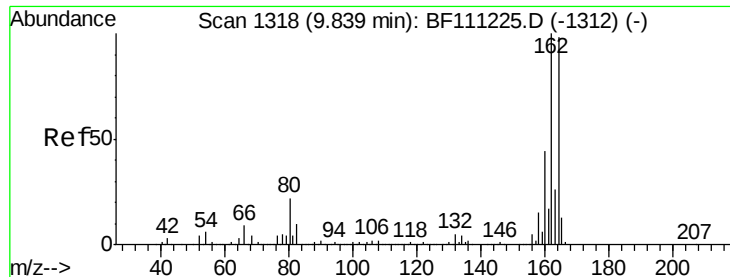
#25
Isophorone
Concen: 30.621 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Tgt Ion: 82 Resp: 1836073
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



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

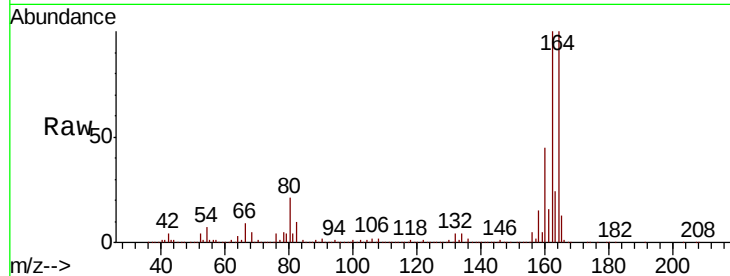




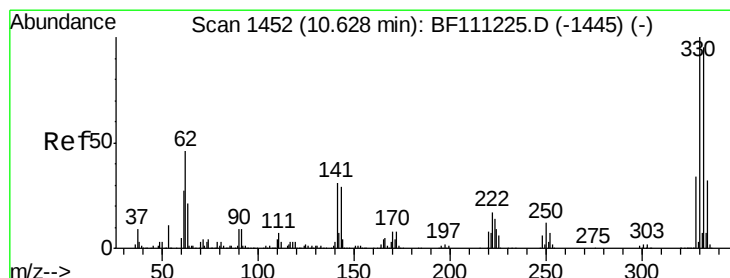
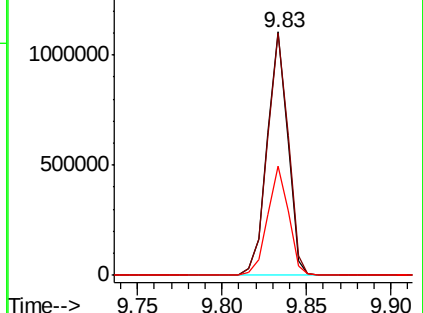
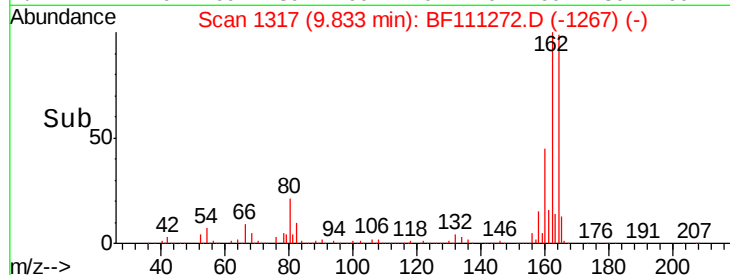
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111272.D
 Acq: 11 Dec 2018 12:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 927071
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.4 122.0
 160 44.7 35.7 53.5

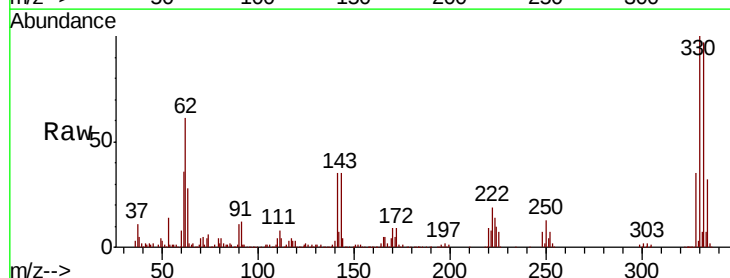


Abundance Ion 164.00 (163.70 to 164.70): E
 1500000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

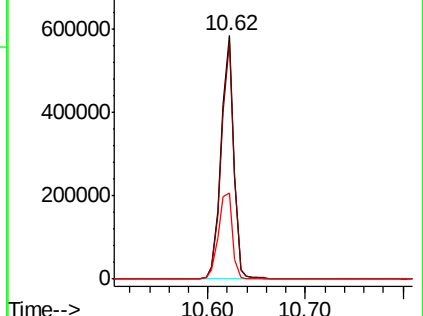
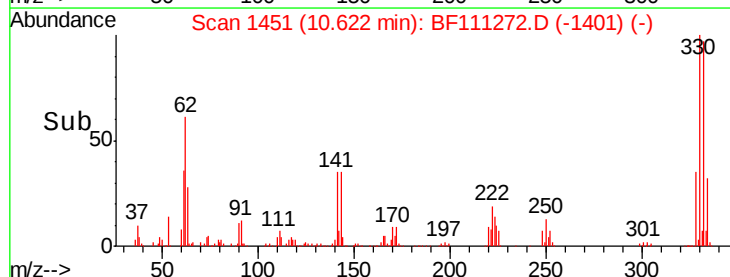


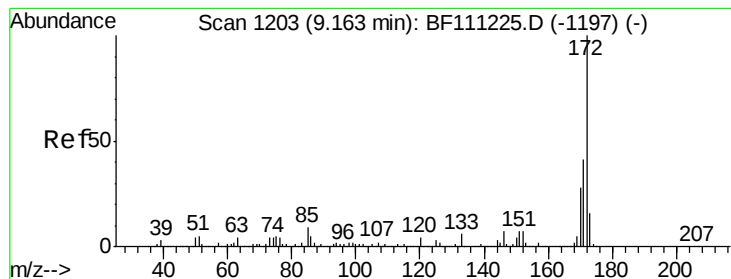
#42
 2,4,6-Tribromophenol
 Concen: 64.385 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111272.D
 Acq: 11 Dec 2018 12:14

Tgt Ion:330 Resp: 528739
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 39.3 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 46.559 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

Instrument :

BNA_F

ClientSampleId :

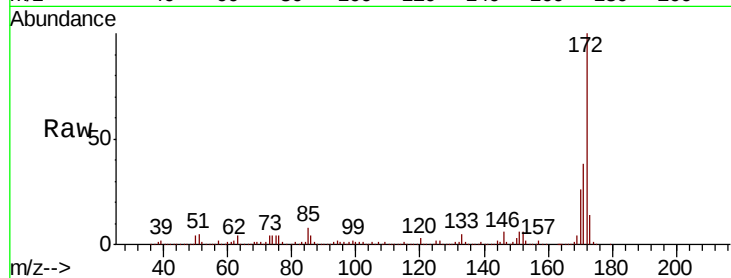
Tot Ion:172 Resp: 2876403

Ion Ratio Lower Upper

172 100

171 38.1 33.0 49.4

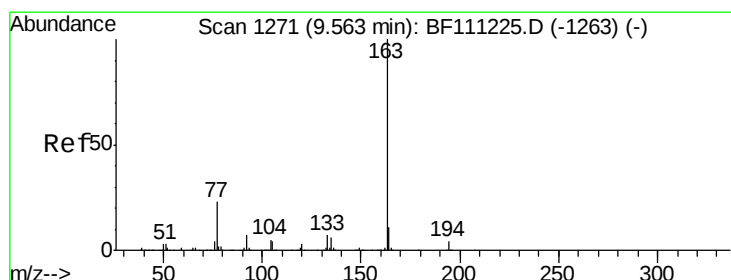
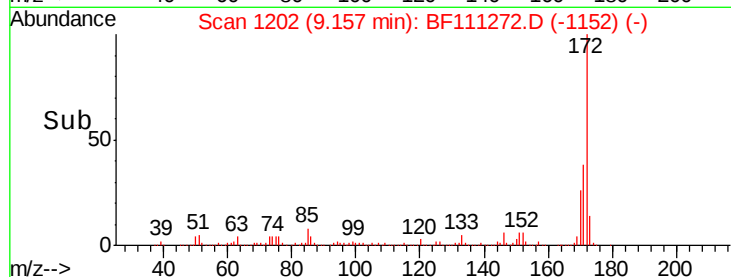
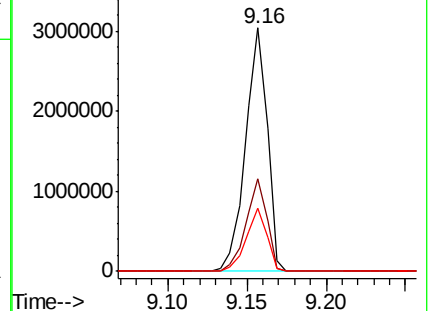
170 26.0 22.3 33.5



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



#50

Dimethylphthalate

Concen: 4.469 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

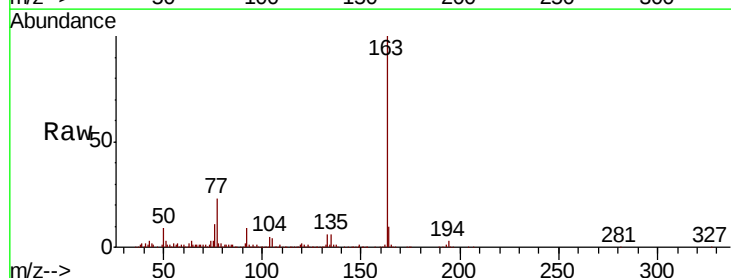
Tgt Ion:163 Resp: 305682

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

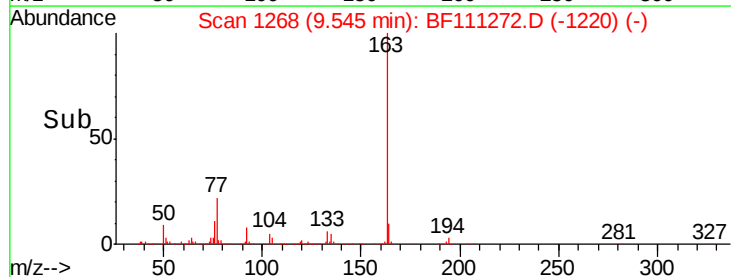
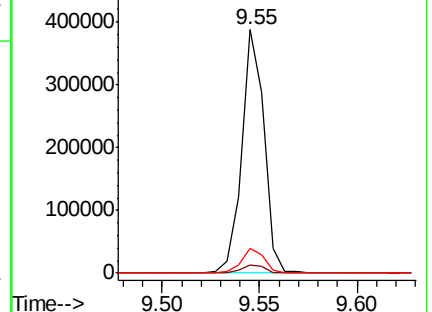
164 10.4 8.9 13.3

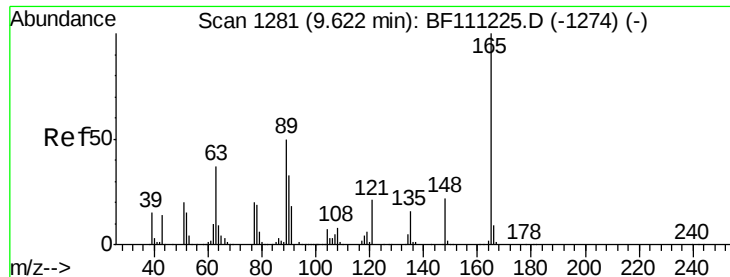


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.009 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

Instrument :

BNA_F

ClientSampleId :

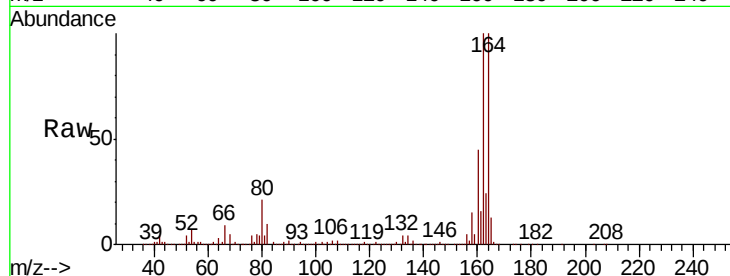
Tot Ion:165 Resp: 120983

Ion Ratio Lower Upper

165 100

63 1.6 40.5 60.7#

89 1.9 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

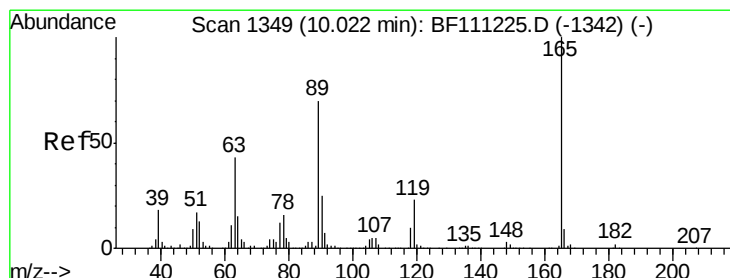
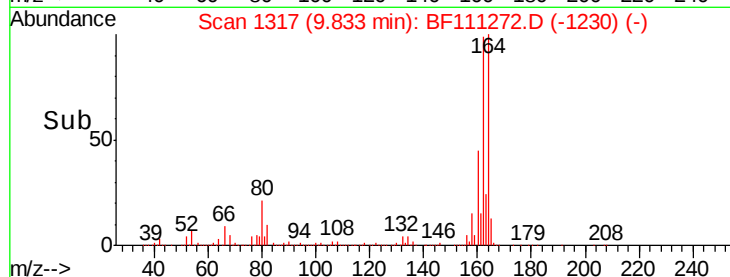
150000 9.83

100000

50000

0

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.496 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

Tgt Ion:165 Resp: 120983

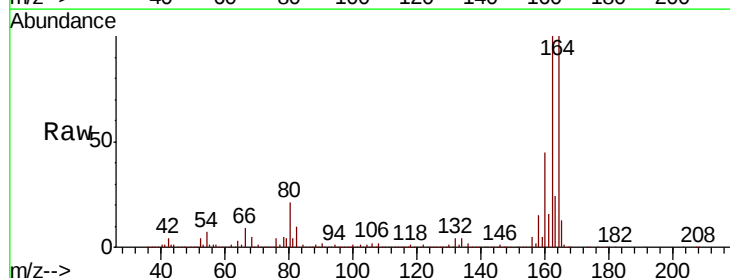
Ion Ratio Lower Upper

165 100

63 1.6 34.6 52.0#

89 1.9 56.2 84.4#

182 0.3 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

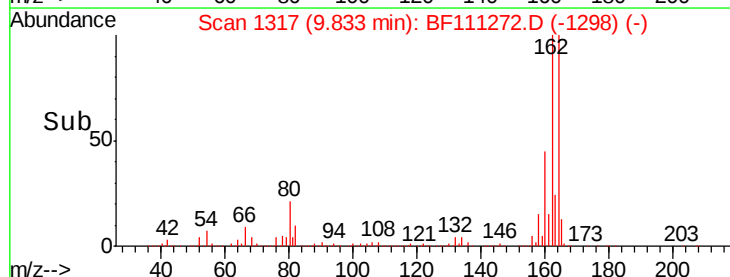
150000 9.83

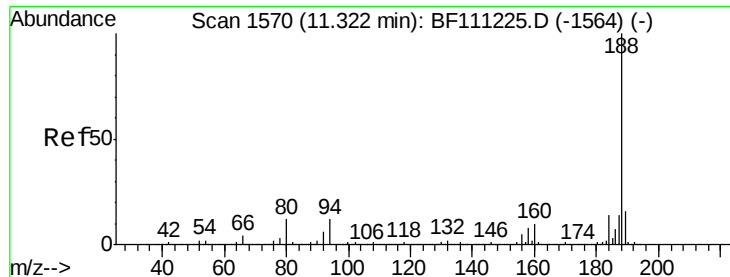
100000

50000

0

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

Instrument :

BNA_F

ClientSampleId :

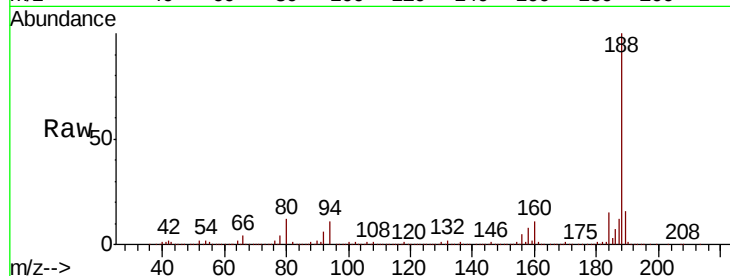
Tot Ion:188 Resp: 1230978

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	11.7	9.8	14.6

188 100

94 11.0 9.6 14.4

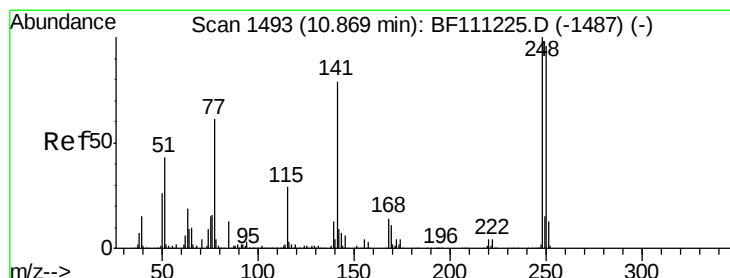
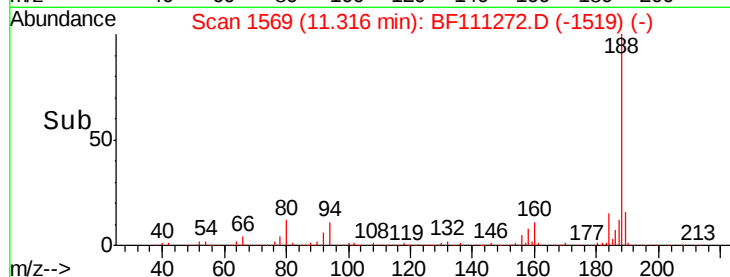
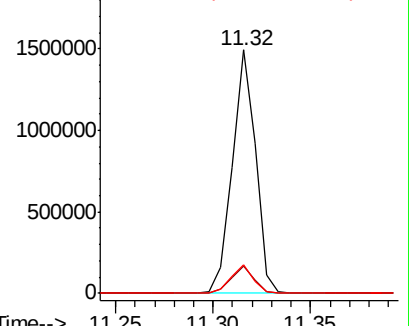
80 11.7 9.8 14.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.664 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF111272.D

Acq: 11 Dec 2018 12:14

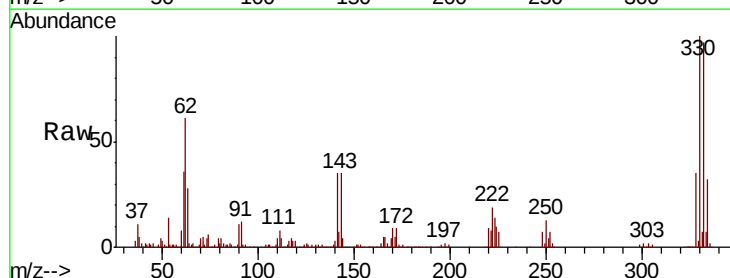
Tgt Ion:248 Resp: 35923

Ion	Ratio	Lower	Upper
248	100		
250	189.7	77.0	115.4#
141	521.4	63.0	94.6#

248 100

250 189.7 77.0 115.4#

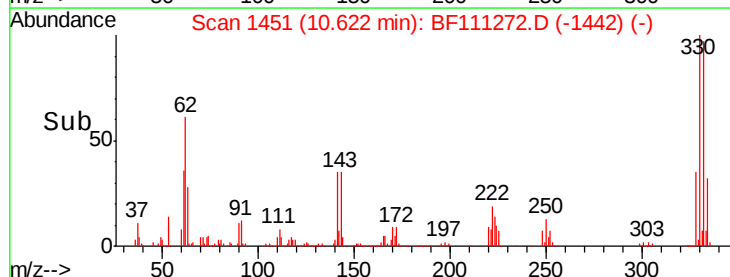
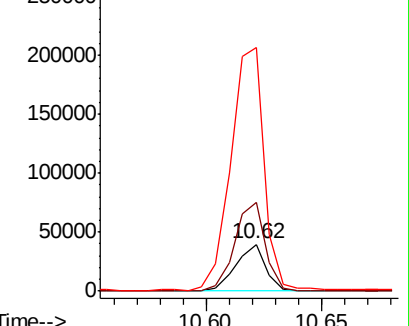
141 521.4 63.0 94.6#

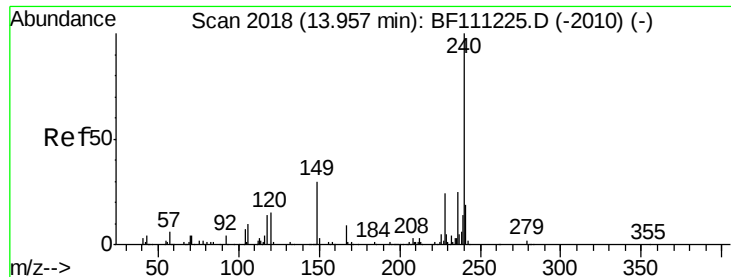


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

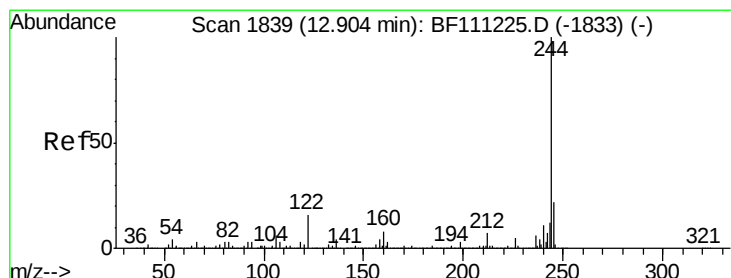
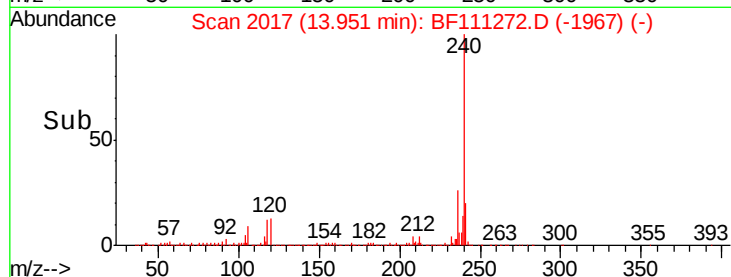
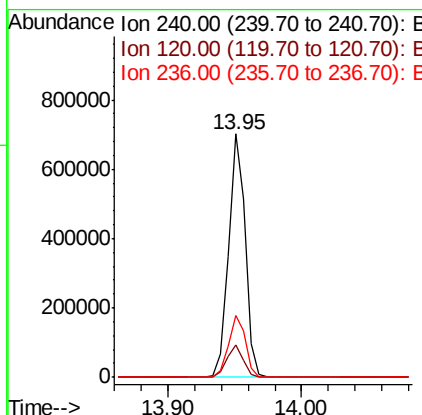
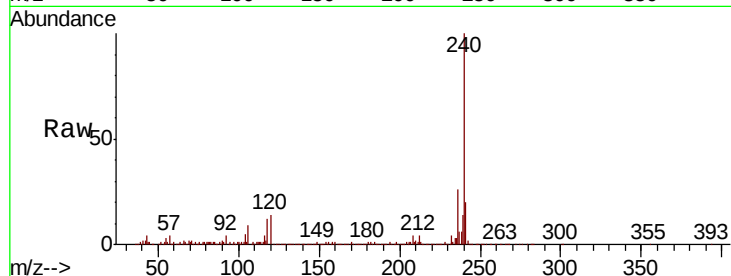




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111272.D
 Acq: 11 Dec 2018 12:14

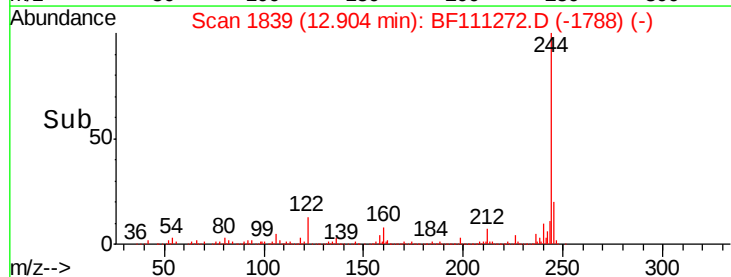
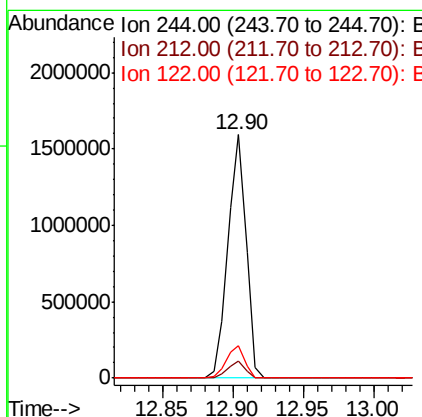
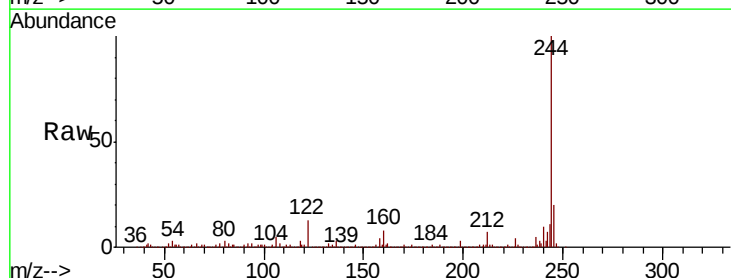
Instrument :
 BNA_F
 ClientSampleId :

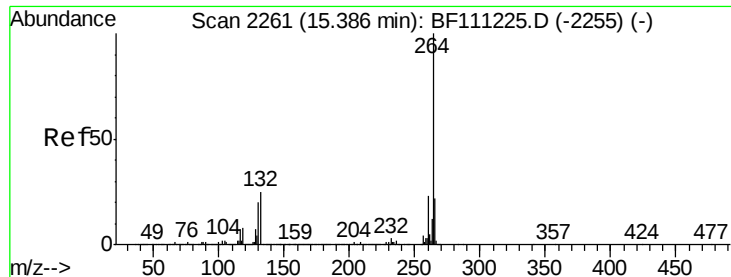
Tot Ion:240 Resp: 619633
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.2 18.2
 236 25.6 20.2 30.2



#79
 Terphenyl-d14
 Concen: 55.074 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111272.D
 Acq: 11 Dec 2018 12:14

Tgt Ion:244 Resp: 1422718
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 13.5 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111272.D
Acq: 11 Dec 2018 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.2	17.7	26.5

