

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111286.D
 Acq On : 11 Dec 2018 19:36
 Operator : JU/SJ
 Sample : J6157-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-DISSOLVED

Quant Time: Dec 12 00:26:30 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	234377	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	896925	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	518602	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	887950	20.00	ng	0.00
76) Chrysene-d12	13.96	240	705278	20.00	ng	0.00
87) Perylene-d12	15.40	264	342090	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	747216	50.34	ng	0.00
7) Phenol-d6	6.42	99	482385	26.15	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1017785	63.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	349422	76.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1745467	51.61	ng	0.00
79) Terphenyl-d14	12.91	244	1770462	60.21	ng	0.00

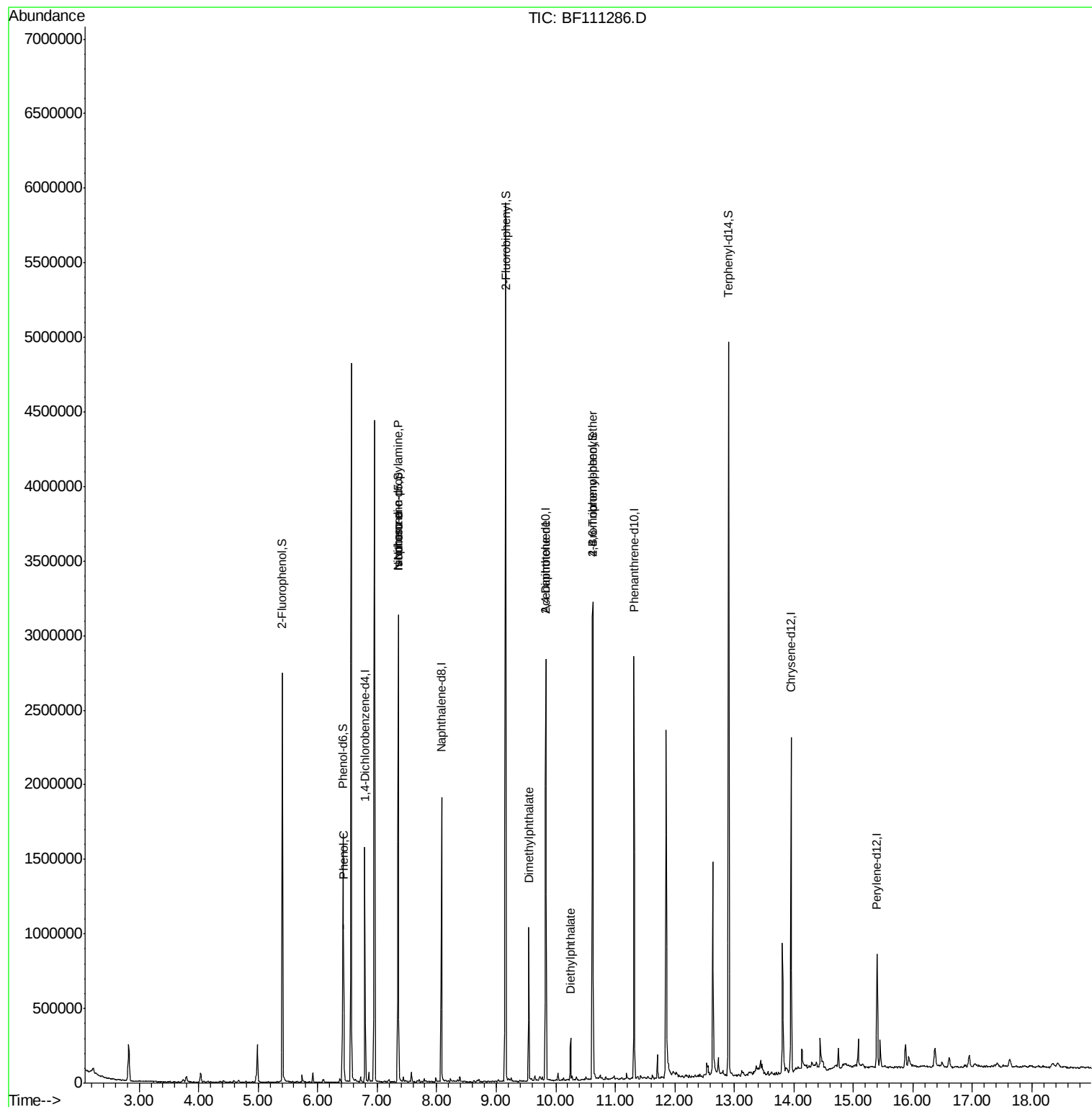
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2888	Below Cal		# 1
10) Phenol	6.43	94	233881	10.844	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	134973	10.923	ng	# 79
25) Isophorone	7.36	82	1001755	36.780	ng	# 64
46) 1,1'-Biphenyl	9.25	154	4027	Below Cal		88
50) Dimethylphthalate	9.55	163	370975	9.695	ng	97
57) 2,4-Dinitrotoluene	9.83	165	67034	6.435	ng	# 25
60) Diethylphthalate	10.25	149	87163	2.389	ng	97
67) 4-Bromophenyl-phenylether	10.62	248	23608	2.427	ng	# 1

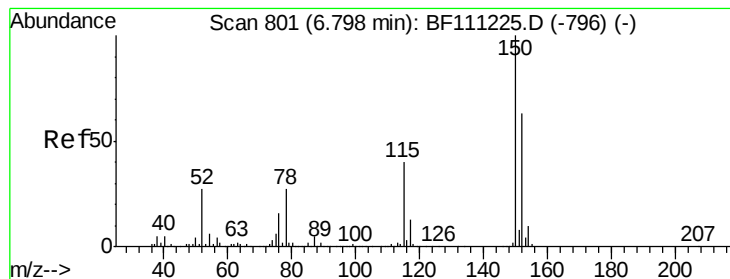
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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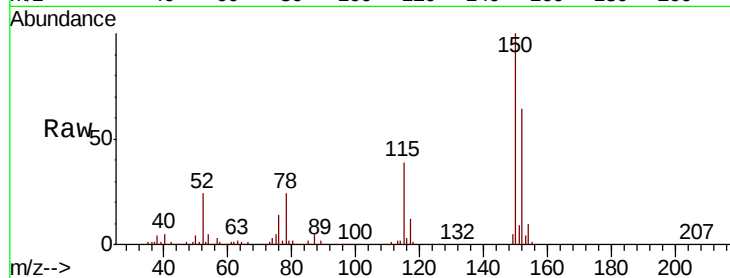




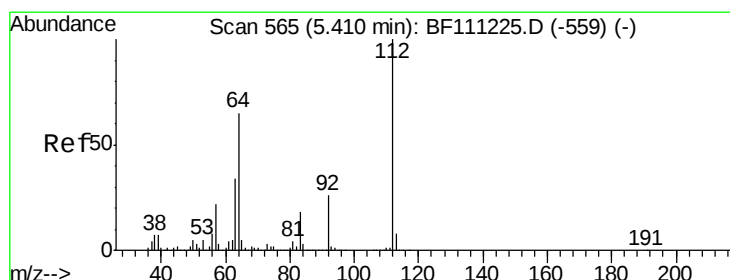
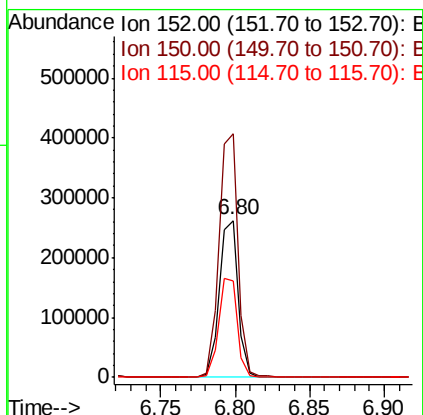
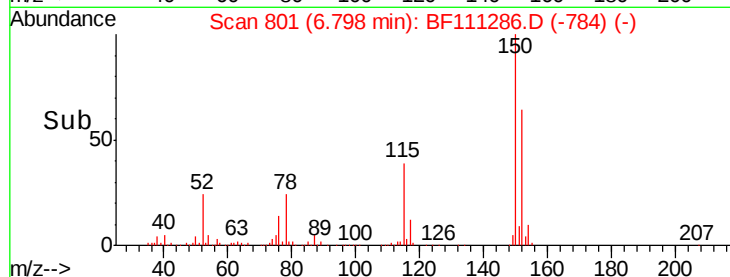
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF111286.D
 Acq: 11 Dec 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-DISSOLVED

Tgt Ion:152 Resp: 234377
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.6 189.8
 115 61.2 50.7 76.1

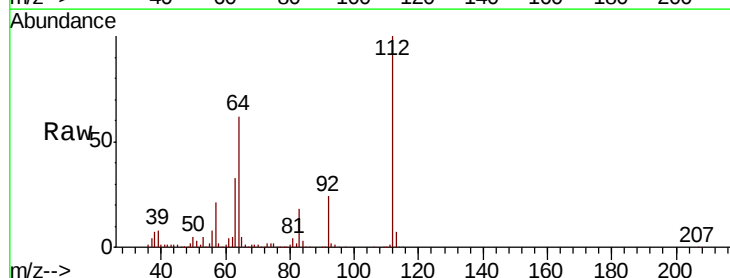


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

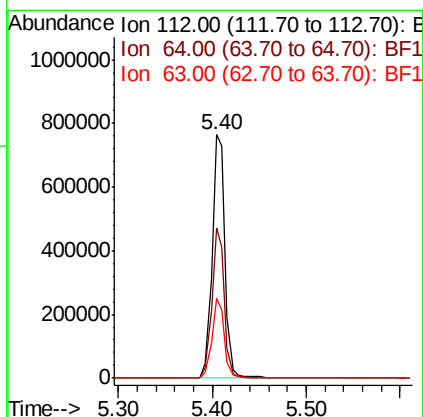
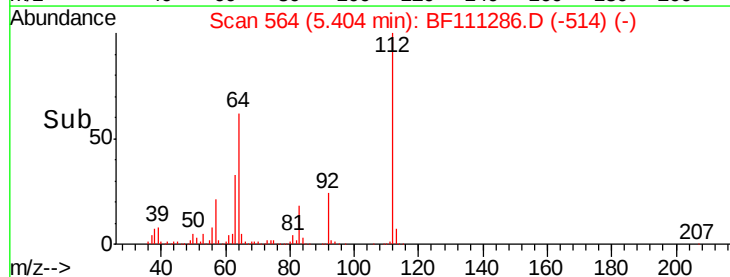


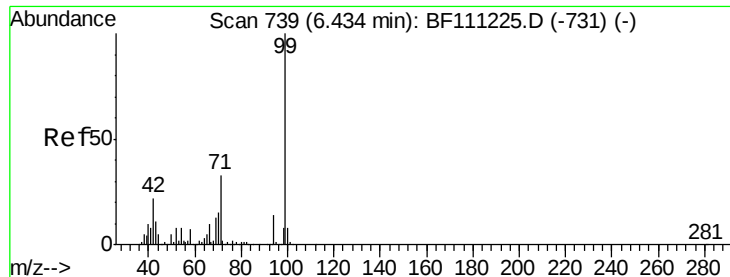
#5
 2-Fluorophenol
 Concen: 50.342 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF111286.D
 Acq: 11 Dec 2018 19:36

Tgt Ion:112 Resp: 747216
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.8 77.6
 63 32.7 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: 26.151 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-DISSOLVED

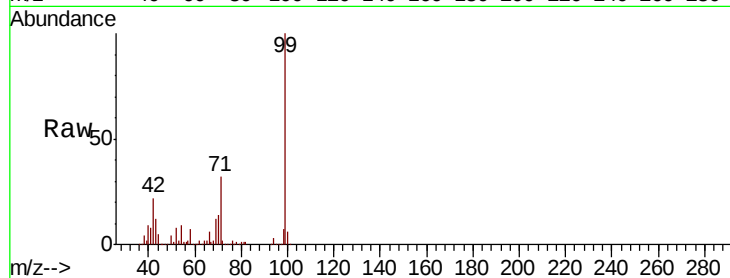
Tgt Ion: 99 Resp: 482385

Ion Ratio Lower Upper

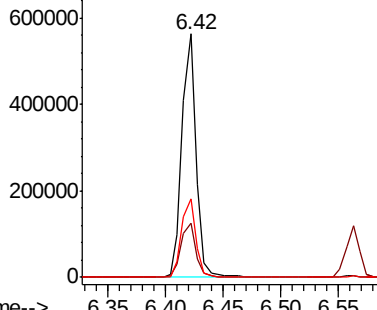
99 100

42 22.1 17.4 26.0

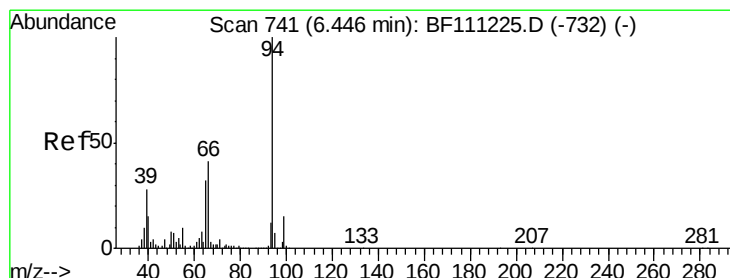
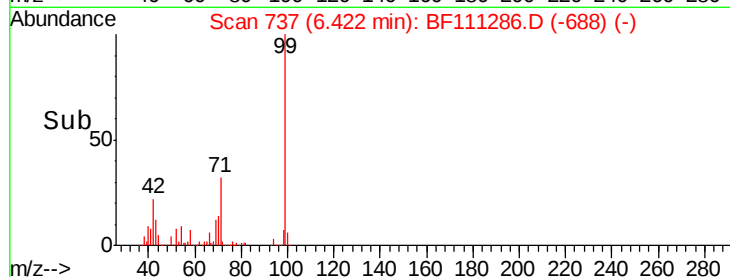
71 32.3 26.1 39.1



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



Time-->



#10

Phenol

Concen: 10.844 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

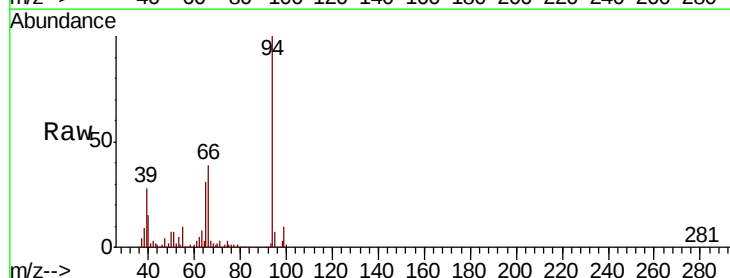
Tgt Ion: 94 Resp: 233881

Ion Ratio Lower Upper

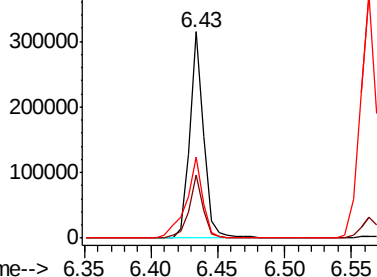
94 100

65 30.8 11.7 51.7

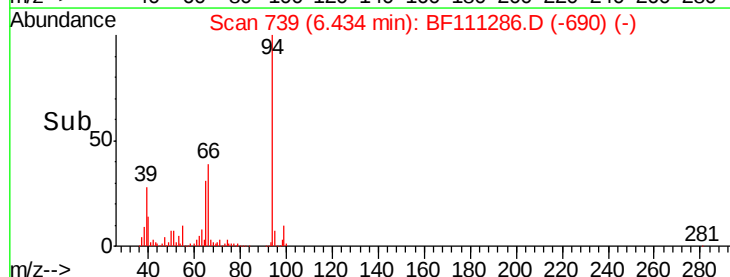
66 39.3 21.0 61.0

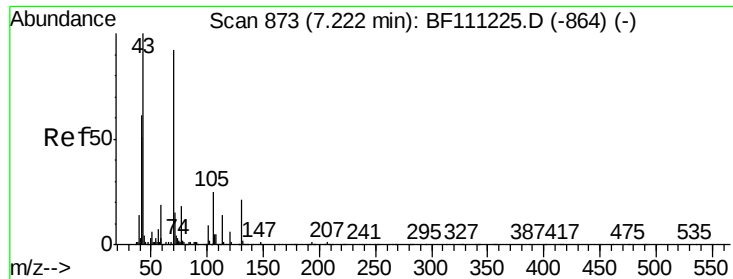


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

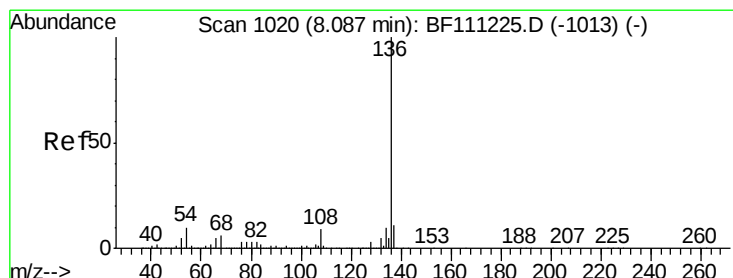
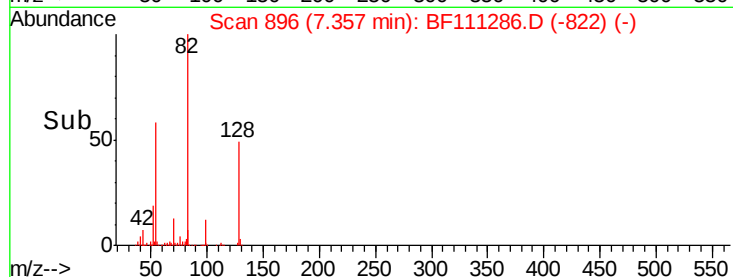
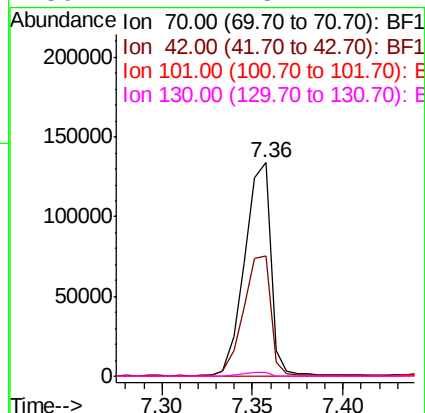
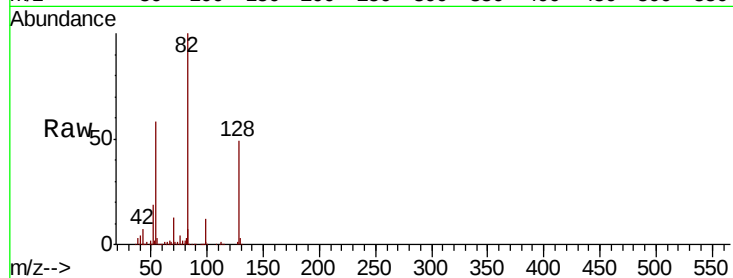




#19
n-Nitroso-di-n-propylamine
Concen: 10.923 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

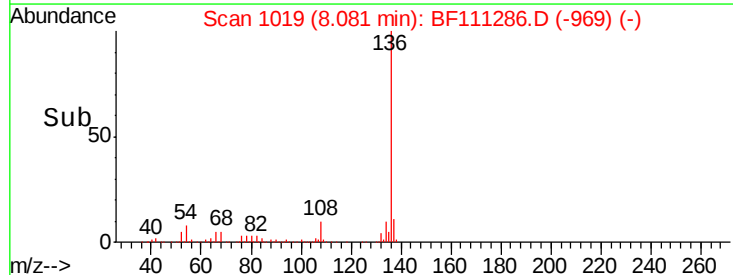
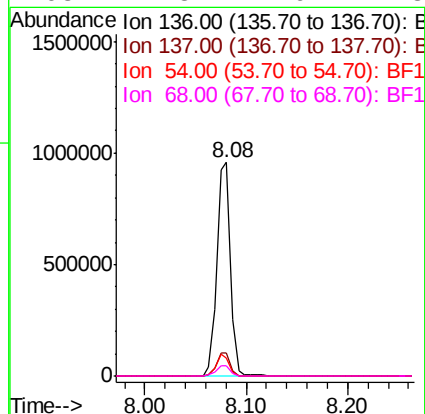
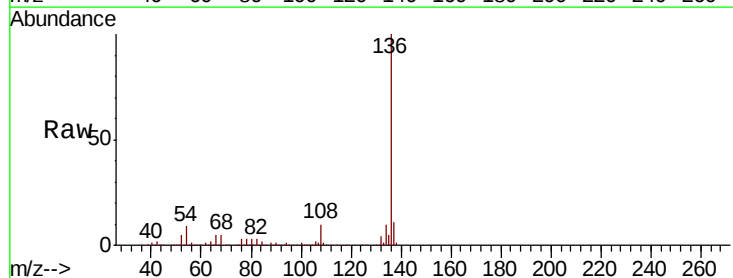
Instrument :
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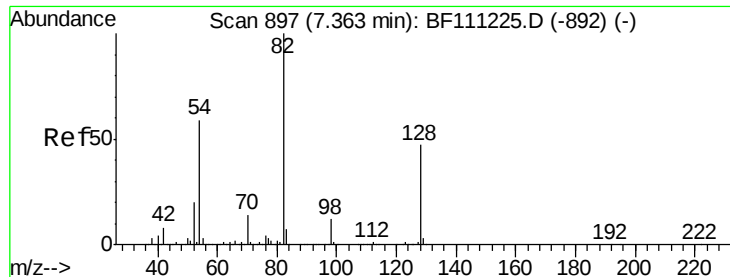
Tgt Ion:	70	Resp:	134973
Ion	Ratio	Lower	Upper
70	100		
42	56.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Tgt Ion:	136	Resp:	896925
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	4.8	4.9	7.3#

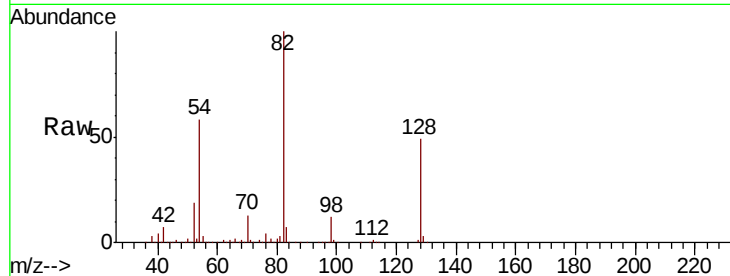




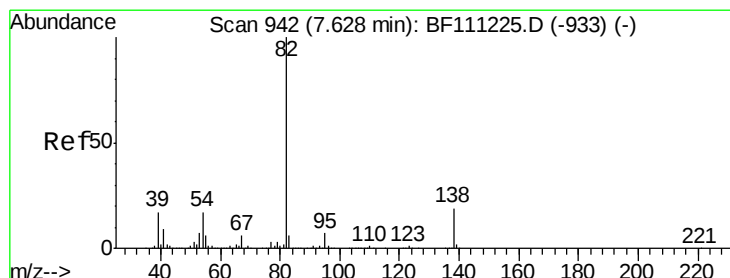
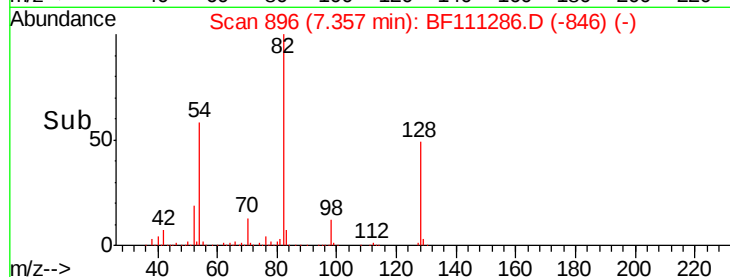
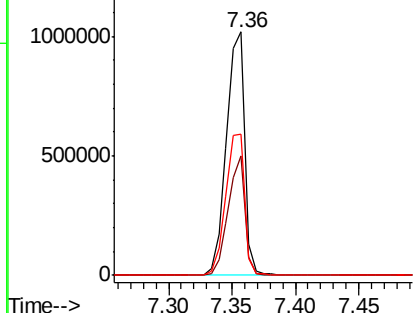
#23
 Nitrobenzene-d5
 Concen: 63.647 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111286.D
 Acq: 11 Dec 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-DISSOLVED

Tgt Ion: 82 Resp: 1017785
 Ion Ratio Lower Upper
 82 100
 128 48.9 37.4 56.2
 54 58.0 47.6 71.4

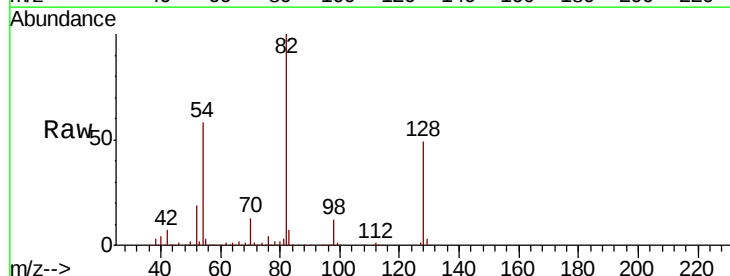


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

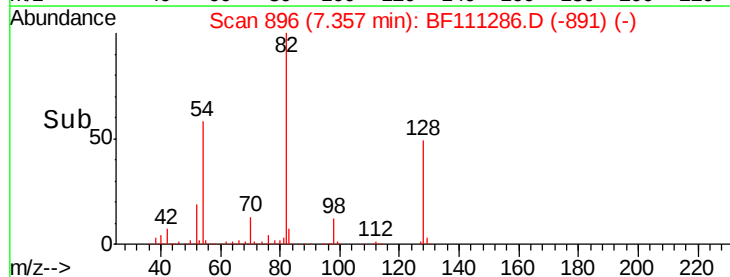
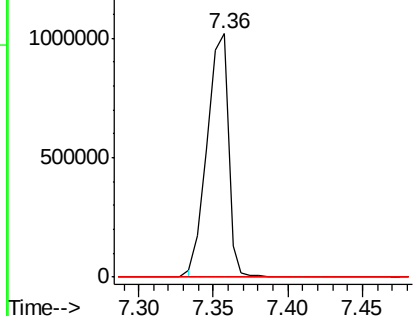


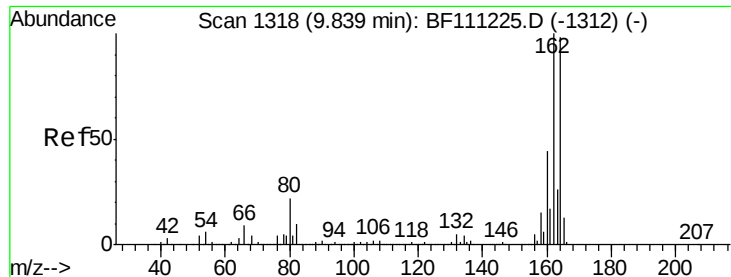
#25
 Isophorone
 Concen: 36.780 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.27 min
 Lab File: BF111286.D
 Acq: 11 Dec 2018 19:36

Tgt Ion: 82 Resp: 1001755
 Ion Ratio Lower Upper
 82 100
 95 0.0 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

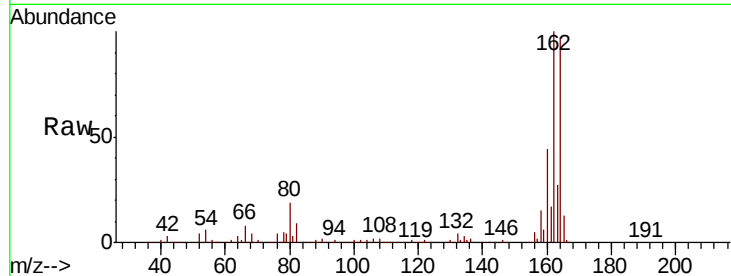




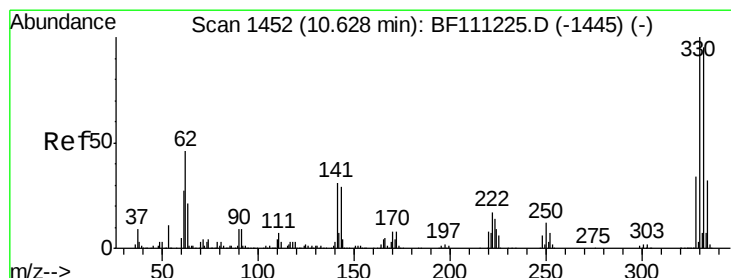
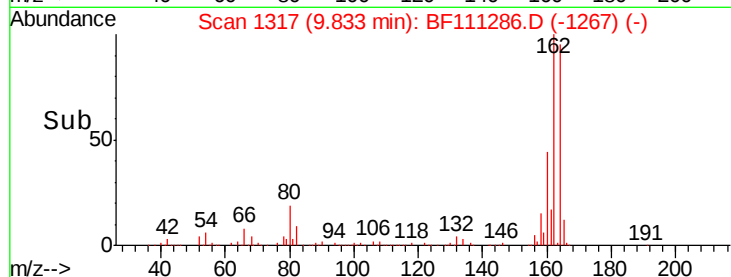
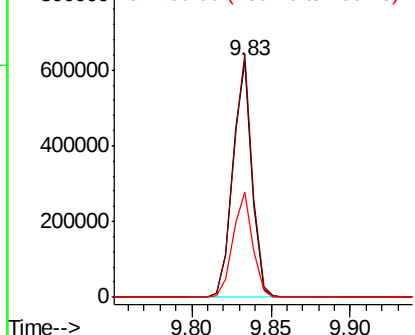
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Instrument :
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Tgt Ion:164 Resp: 518602
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.8 35.7 53.5

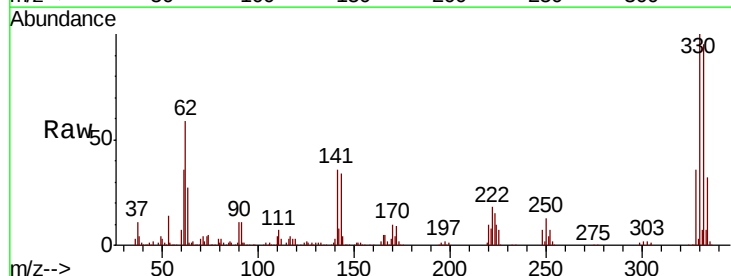


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

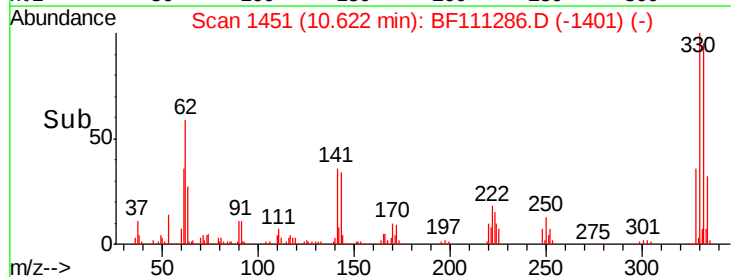
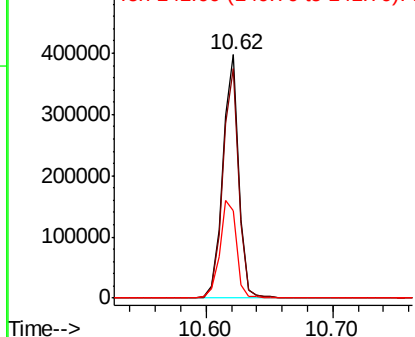


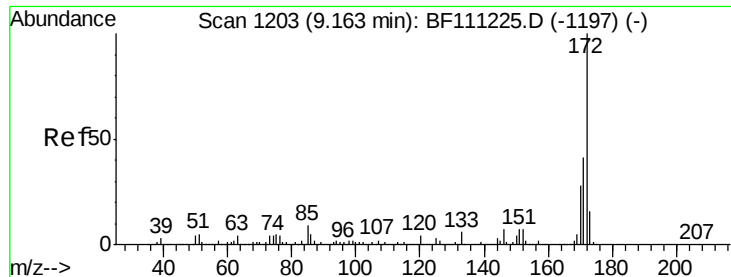
#42
2,4,6-Tribromophenol
Concen: 76.063 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Tgt Ion:330 Resp: 349422
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 42.4 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

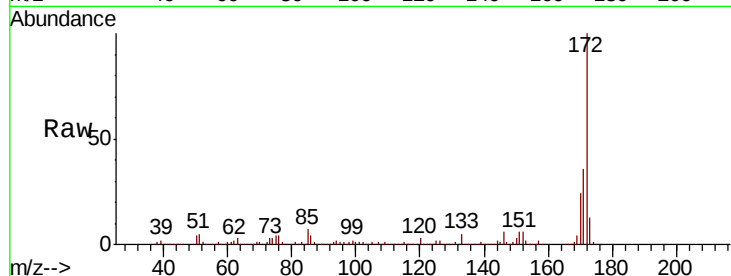




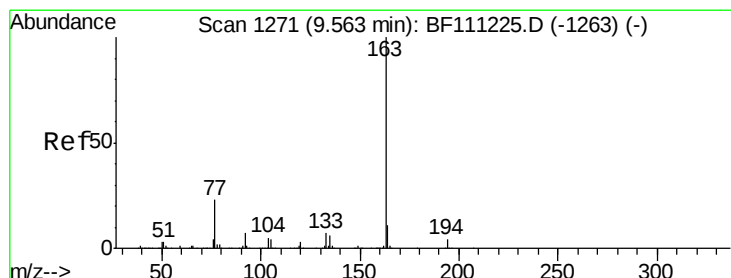
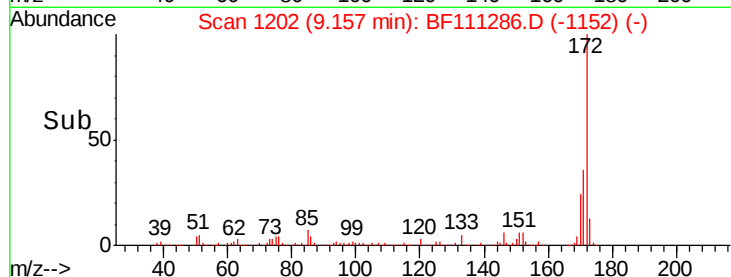
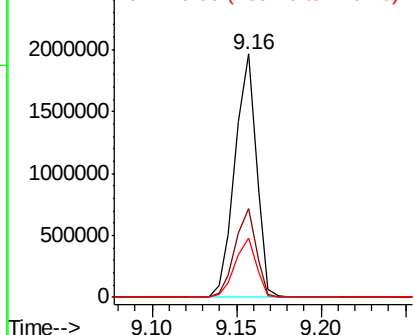
#45
2-Fluorobiphenyl
Concen: 51.611 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

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Tgt Ion:172 Resp: 1745467
Ion Ratio Lower Upper
172 100
171 36.5 33.0 49.4
170 24.2 22.3 33.5

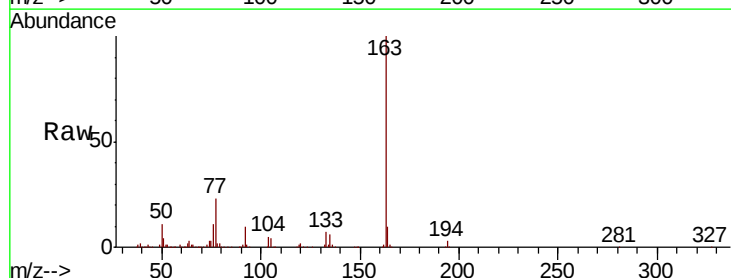


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

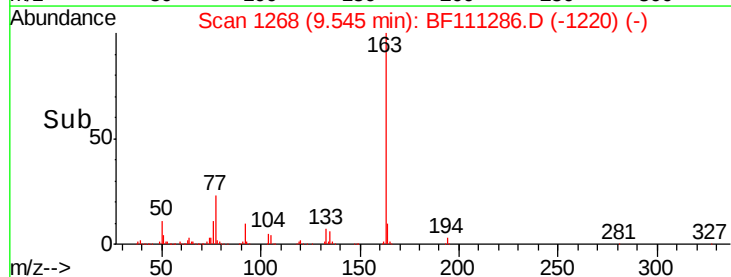
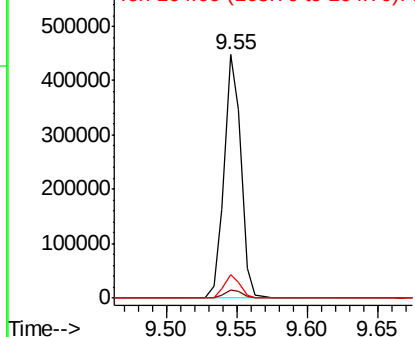


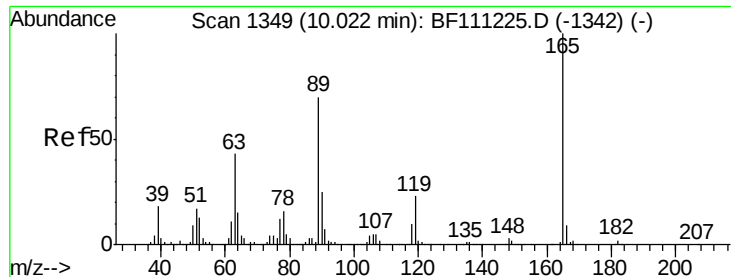
#50
Dimethylphthalate
Concen: 9.695 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Tgt Ion:163 Resp: 370975
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 9.8 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

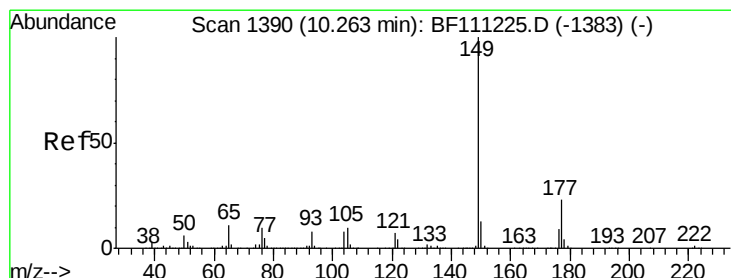
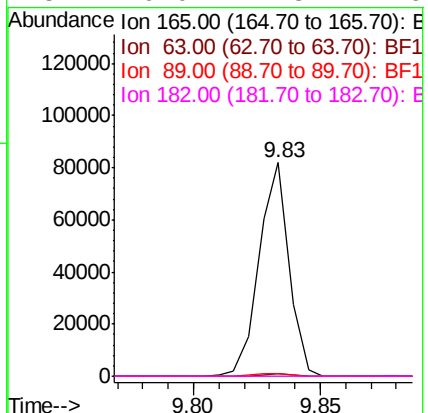
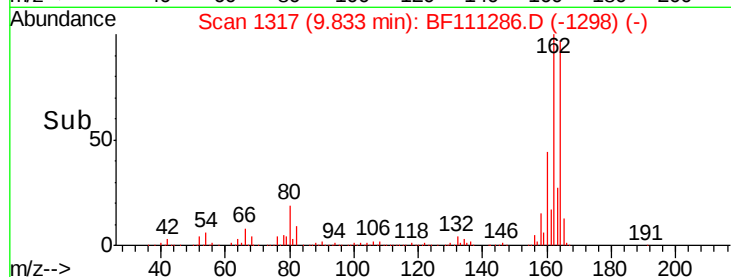
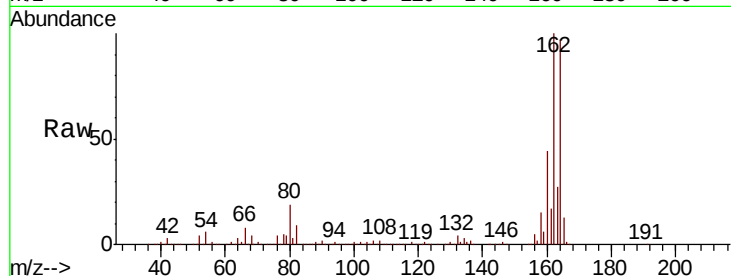




#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

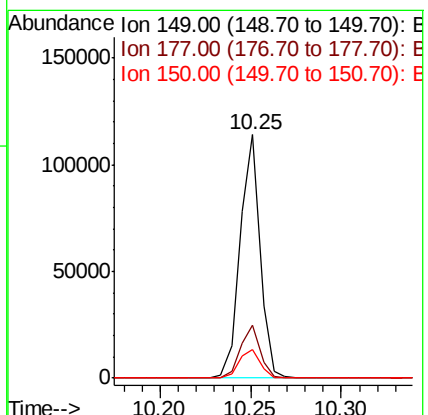
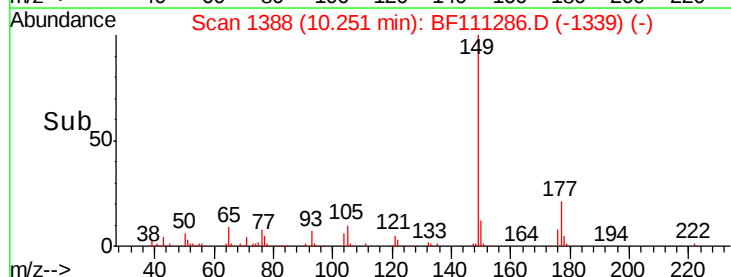
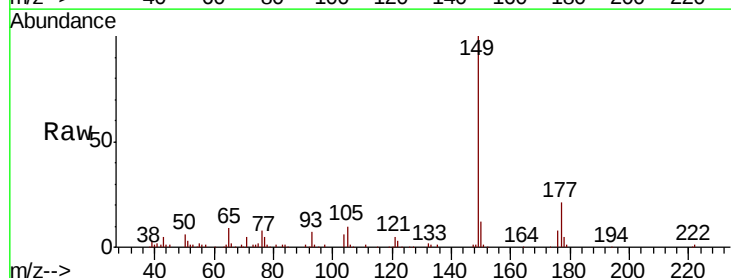
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-DISSOLVED

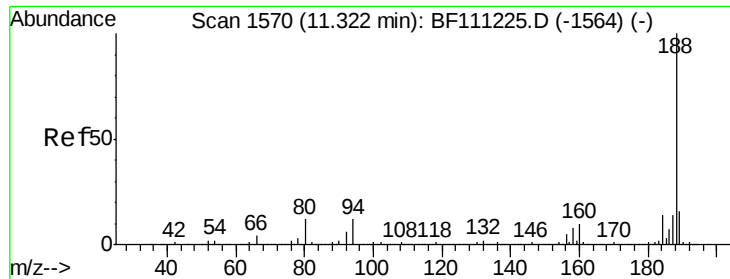
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



#60
Diethylphthalate
Concen: 2.389 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	11.9	10.6	15.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-DISSOLVED

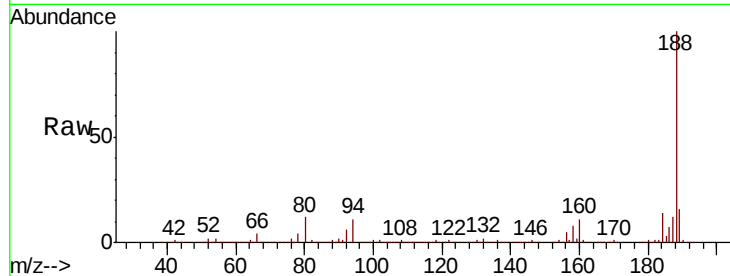
Tgt Ion:188 Resp: 887950

Ion Ratio Lower Upper

188 100

94 11.1 9.6 14.4

80 11.5 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

1500000

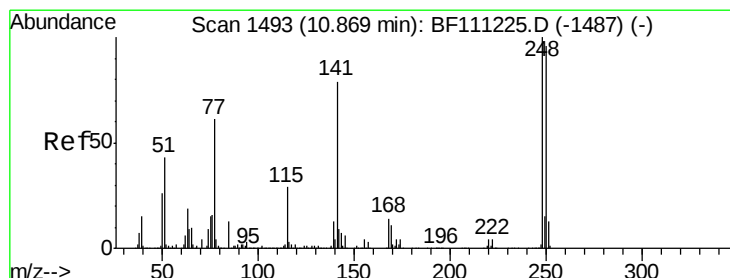
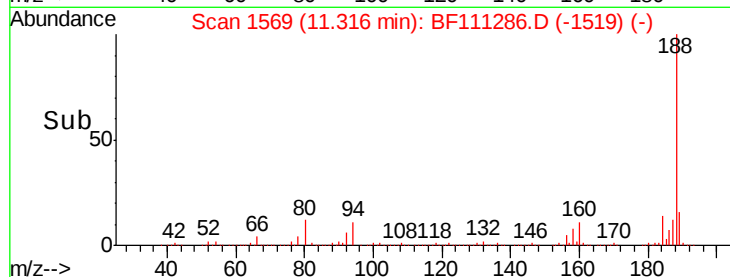
11.32

1000000

500000

0

Time--> 11.25 11.30 11.35



#67

4-Bromophenyl-phenylether

Concen: 2.427 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

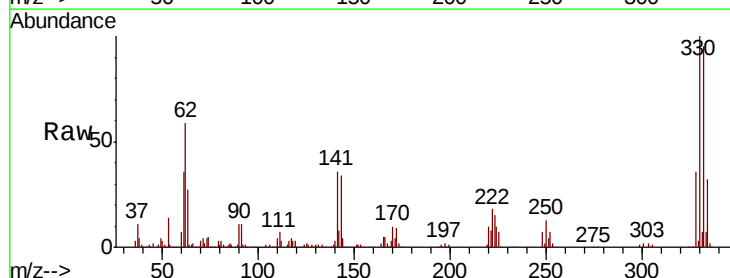
Tgt Ion:248 Resp: 23608

Ion Ratio Lower Upper

248 100

250 198.4 77.0 115.4#

141 537.7 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

200000

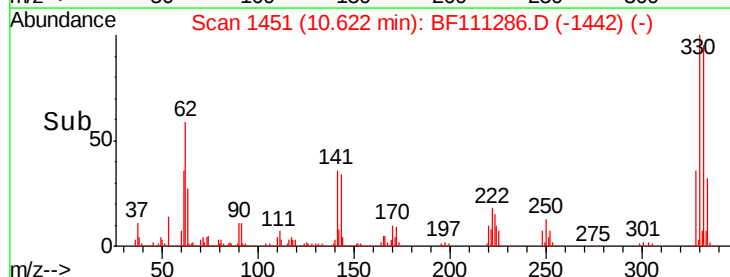
150000

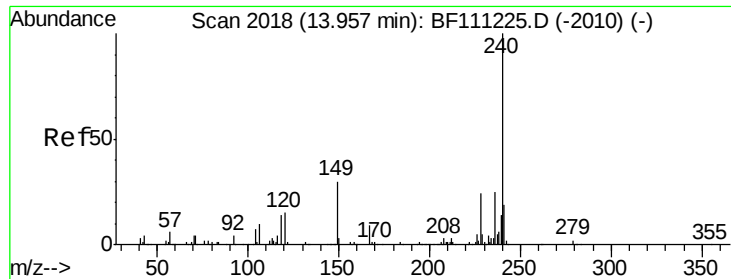
100000

50000

0

Time--> 10.60 10.62 10.65





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-DISSOLVED

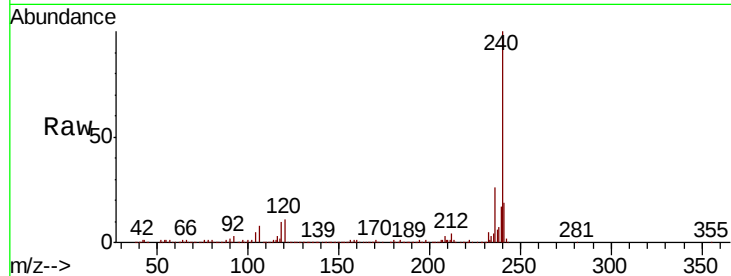
Tgt Ion:240 Resp: 705278

Ion Ratio Lower Upper

240 100

120 11.4 12.2 18.2#

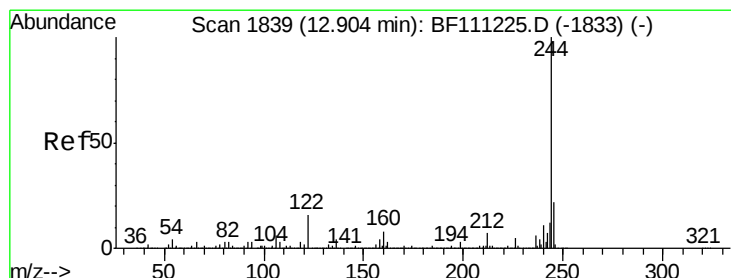
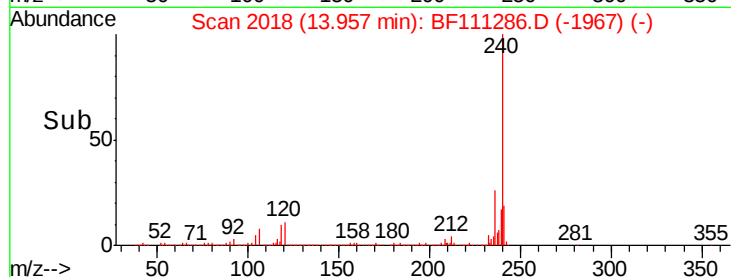
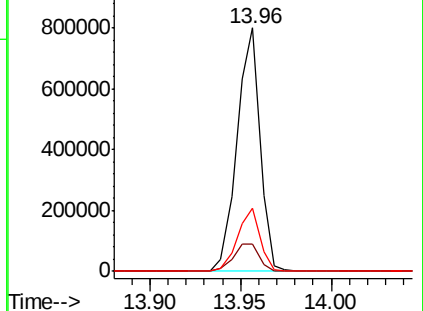
236 26.1 20.2 30.2



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: 60.213 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111286.D

Acq: 11 Dec 2018 19:36

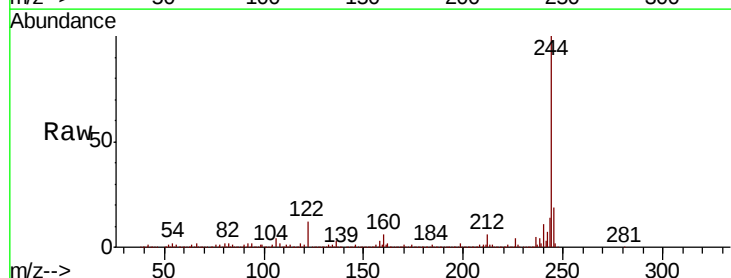
Tgt Ion:244 Resp: 1770462

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

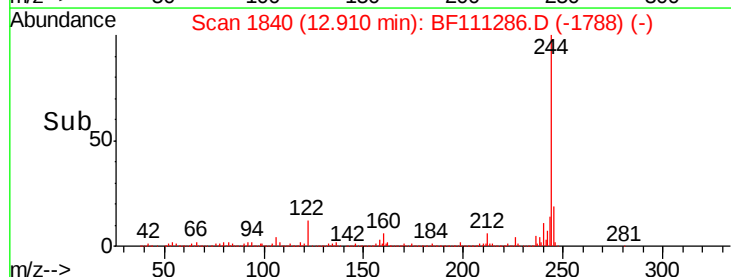
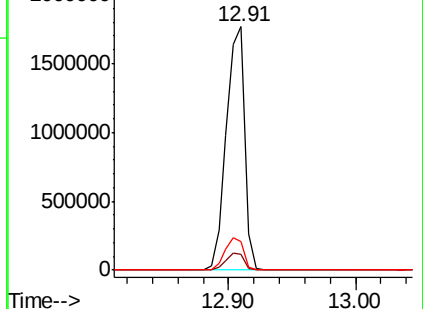
122 11.7 13.1 19.7#

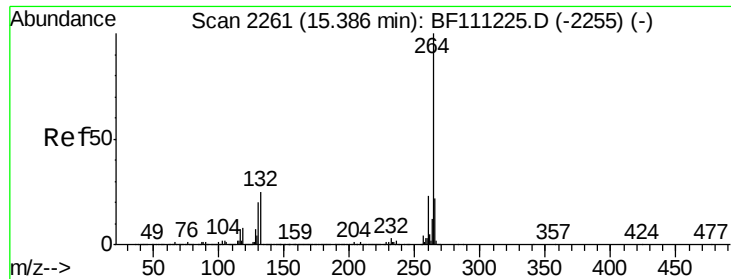


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111286.D
Acq: 11 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	20.4	17.7	26.5

