

Data File : BF111490.D
Acq On : 16 Dec 2018 2:40
Operator : JU/SJ
Sample : J6373-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-T1

Quant Time: Dec 17 00:56:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	154661	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	498519	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	196122	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	291377	20.00	ng	0.00
76) Chrysene-d12	13.95	240	264553	20.00	ng	0.00
87) Perylene-d12	15.39	264	177813	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1110100	119.44	ng	0.01
7) Phenol-d6	6.44	99	1238504	100.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	780405	93.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	207578	118.15	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1339994	105.54	ng	0.00
79) Terphenyl-d14	12.90	244	1118445	99.28	ng	0.00

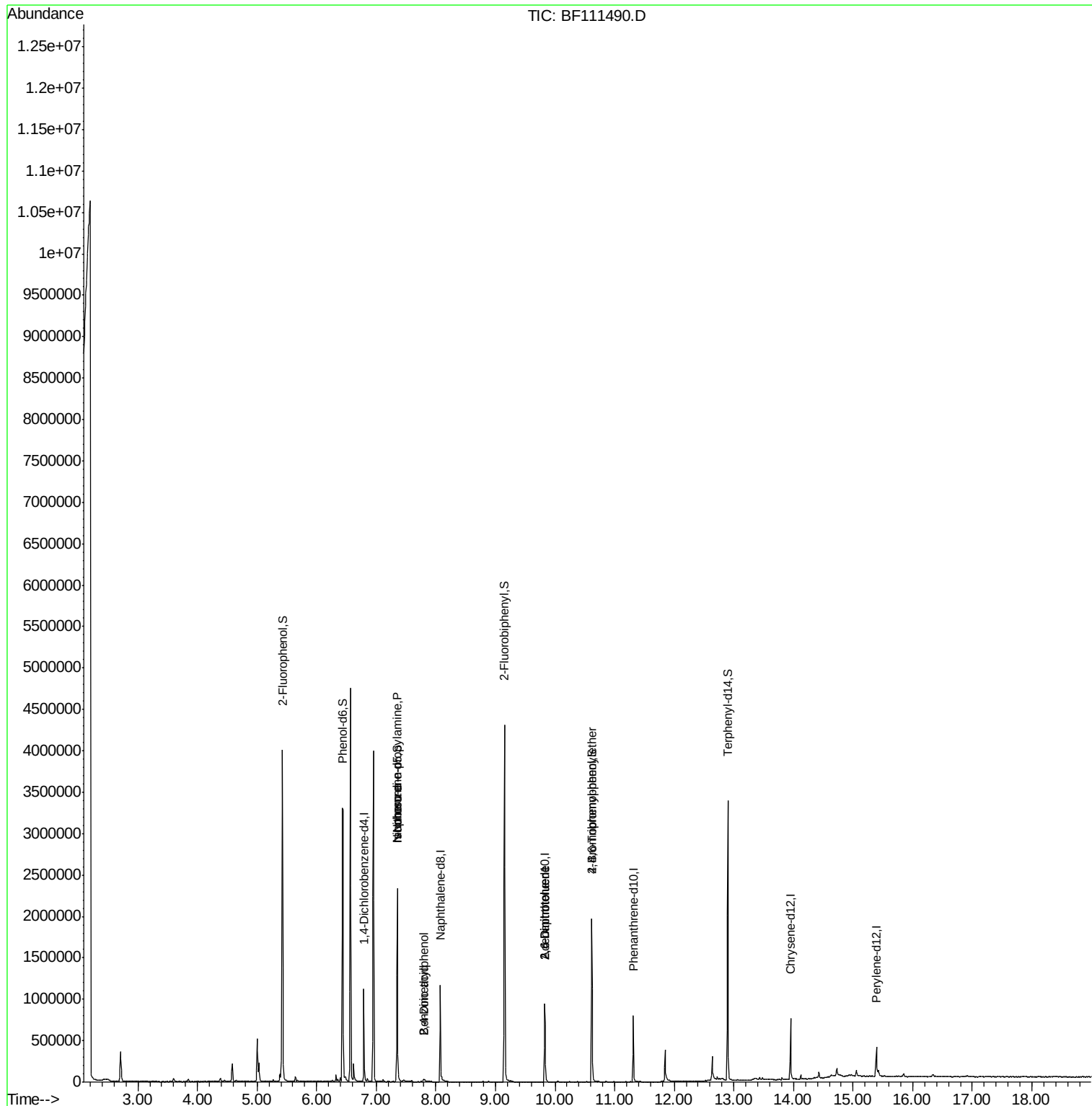
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.35	70	101658	12.464	ng	# 80
25) Isophorone	7.35	82	780393	55.093	ng	# 64
27) 2,4-Dimethylphenol	7.80	122	14001	2.181	ng	# 6
32) Benzoic acid	7.80	122	14001	2.523	ng	93
51) 2,6-Dinitrotoluene	9.83	165	24326	7.651	ng	# 31
57) 2,4-Dinitrotoluene	9.83	165	24326	5.830	ng	# 27
67) 4-Bromophenyl-phenylether	10.62	248	12455	3.966	ng	# 1

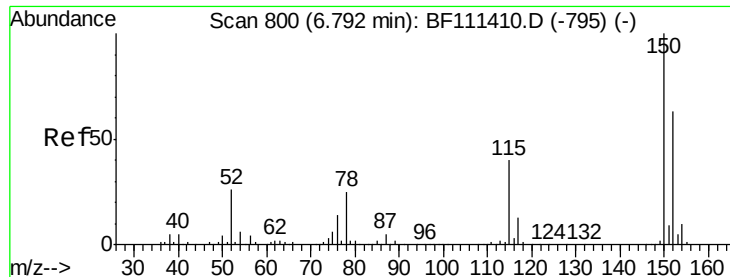
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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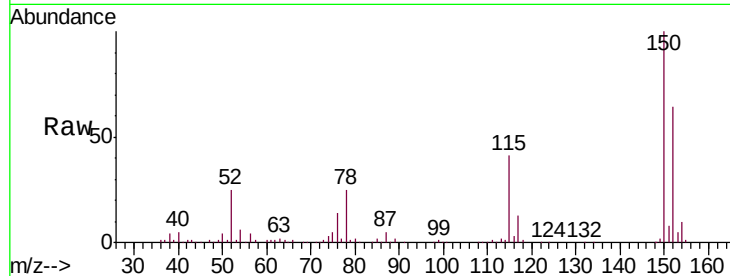


#1

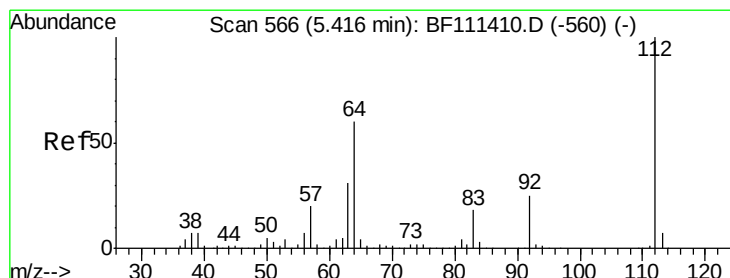
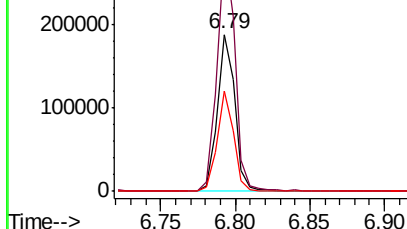
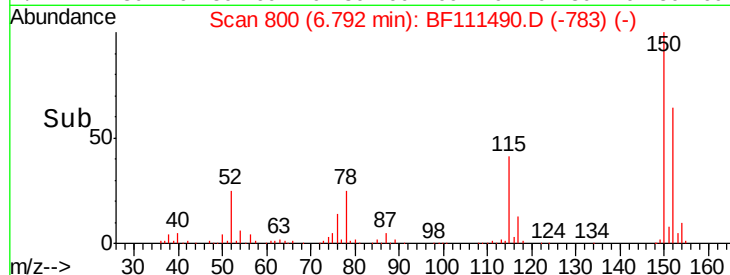
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Instrument :
BNA_F
ClientSampleId :
TP-T1

Tgt Ion:152 Resp: 154661
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 64.1 50.7 76.1



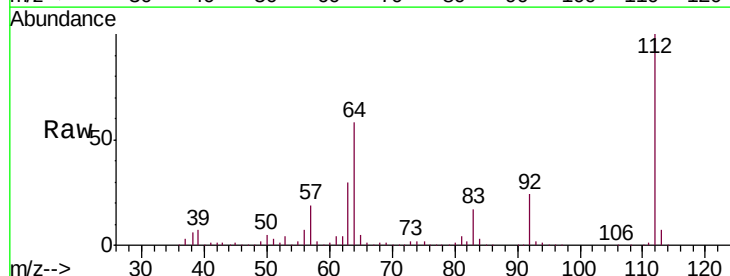
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



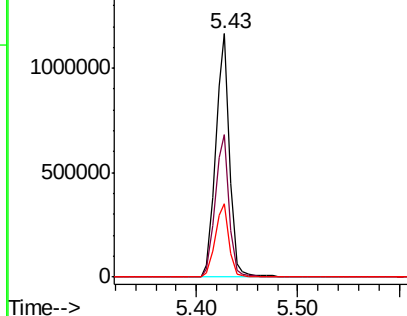
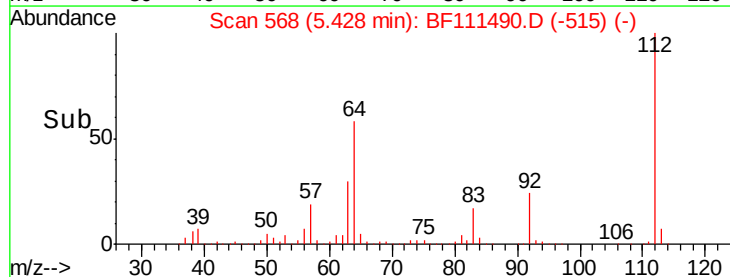
#5

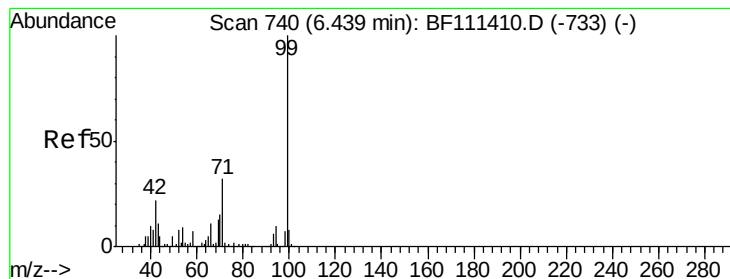
2-Fluorophenol
Concen: 119.440 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Tgt Ion:112 Resp: 1110100
Ion Ratio Lower Upper
112 100
64 58.3 51.8 77.6
63 30.2 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: 100.179 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

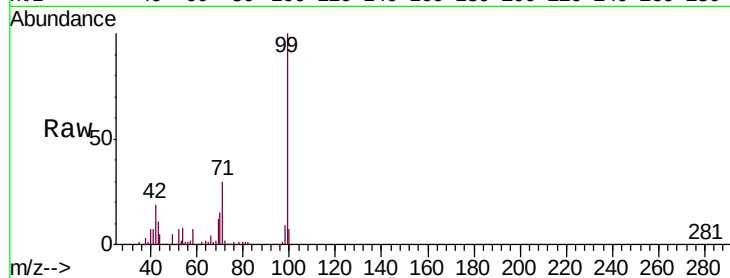
Tgt Ion: 99 Resp: 1238504

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

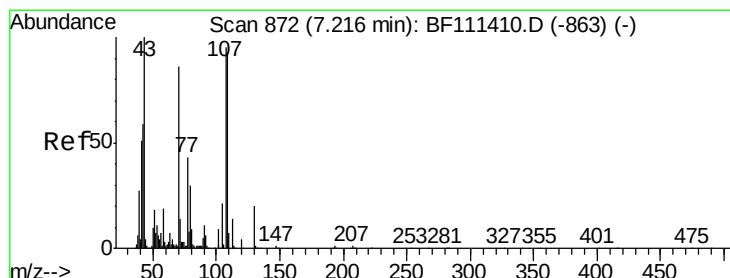
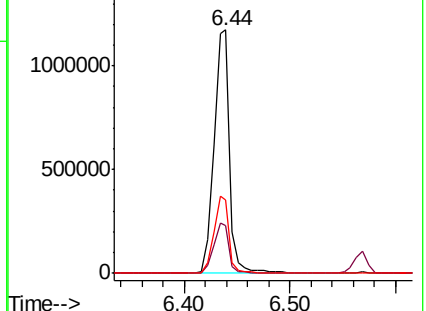
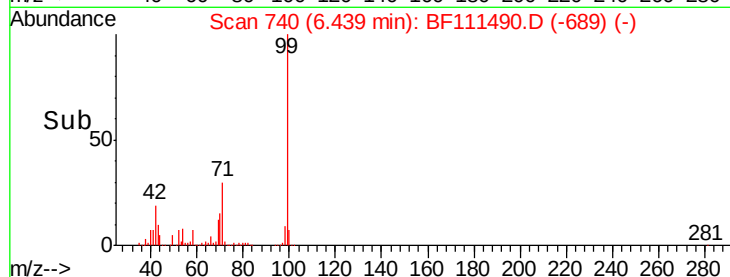
71 30.3 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.464 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Tgt Ion: 70 Resp: 101658

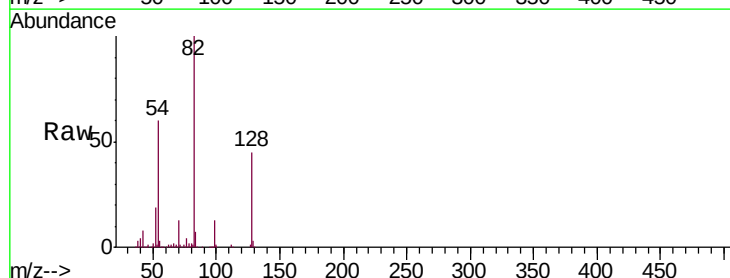
Ion Ratio Lower Upper

70 100

42 57.0 53.2 79.8

101 0.0 8.2 12.4#

130 2.5 18.1 27.1#

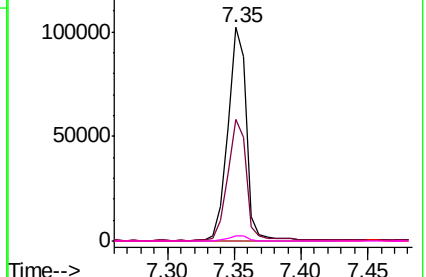
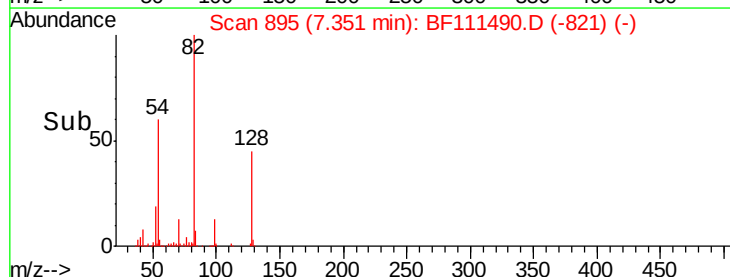


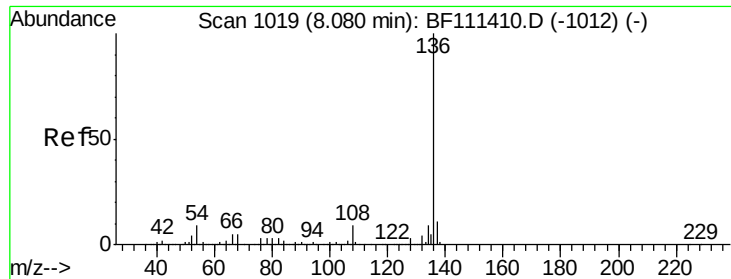
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

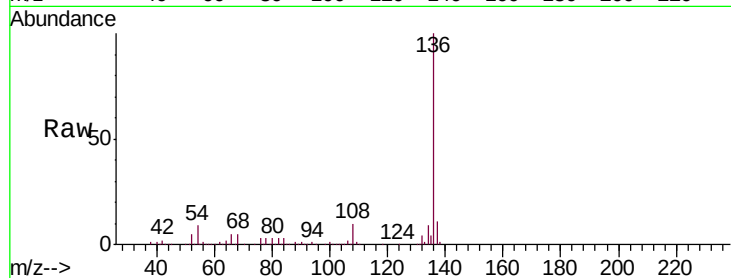




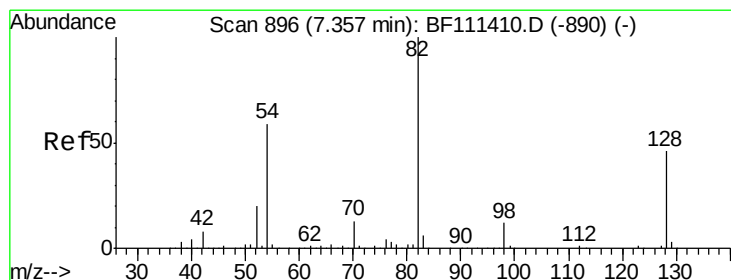
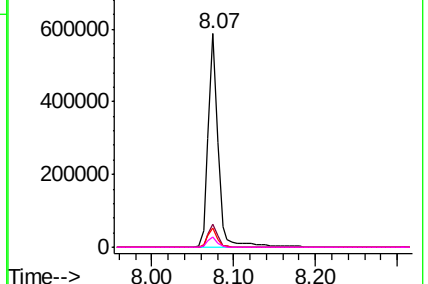
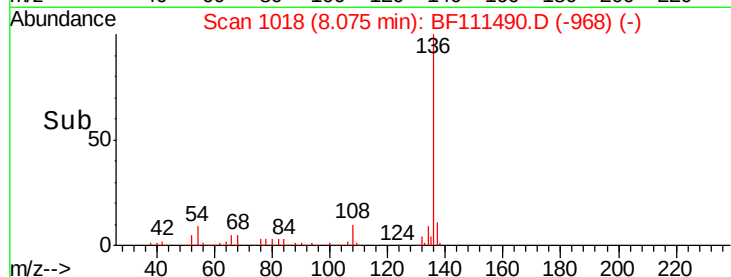
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Instrument :
BNA_F
ClientSampleId :
TP-T1

Tgt Ion:	136	Resp:	498519
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	7.7	11.5
68	4.7	4.9	7.3#

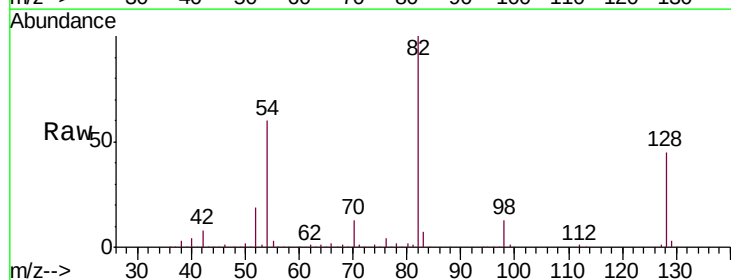


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

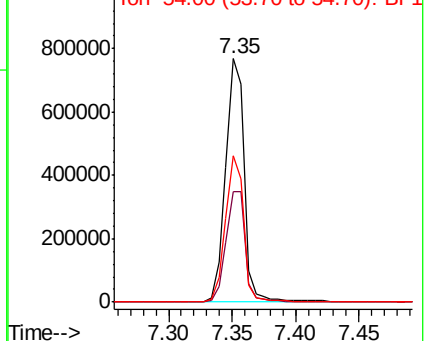
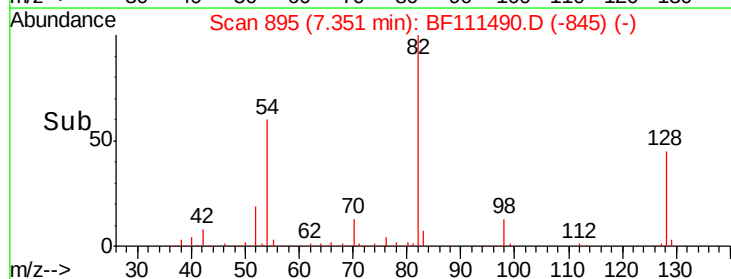


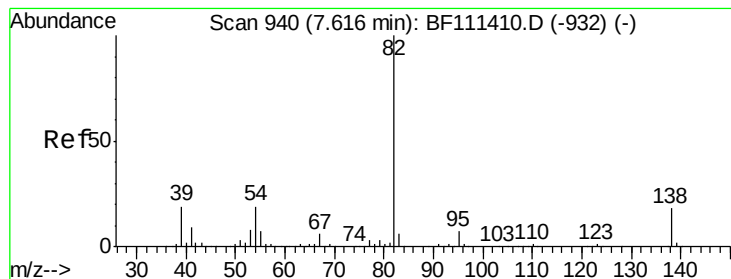
#23
Nitrobenzene-d5
Concen: 93.220 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Tgt Ion:	82	Resp:	780405
Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.4	56.2
54	60.0	47.6	71.4



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





#25

Isophorone

Concen: 55.093 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

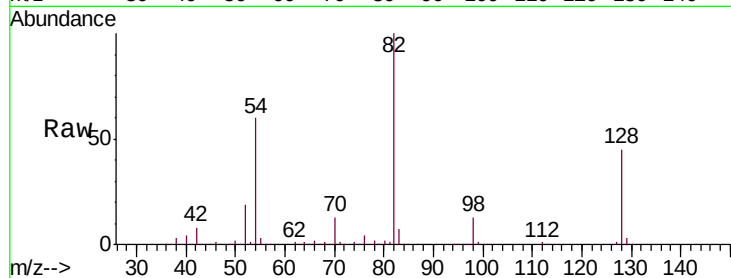
Tgt Ion: 82 Resp: 780393

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

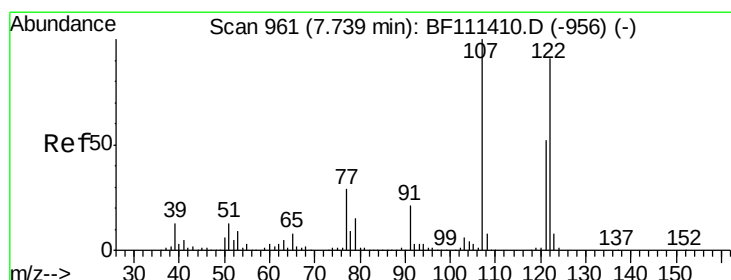
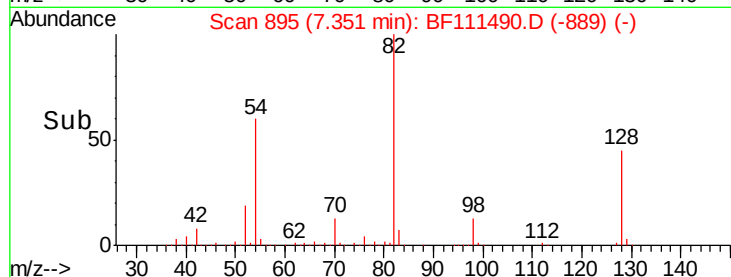
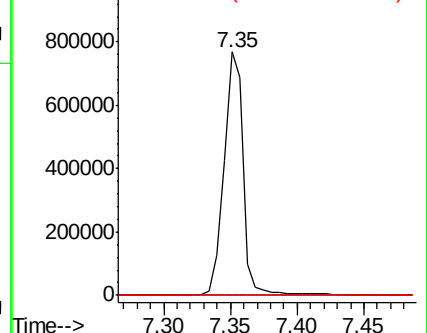
138 0.0 15.1 22.7#



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



#27

2,4-Dimethylphenol

Concen: 2.181 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.06 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

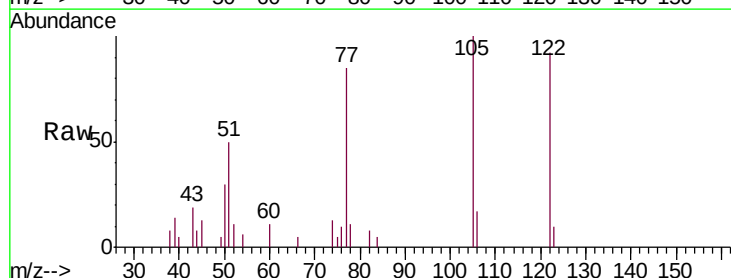
Tgt Ion: 122 Resp: 14001

Ion Ratio Lower Upper

122 100

107 0.0 85.5 128.3#

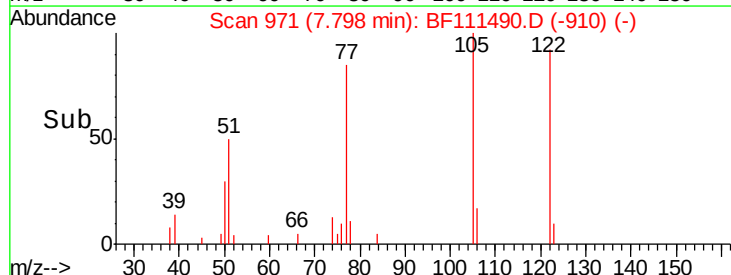
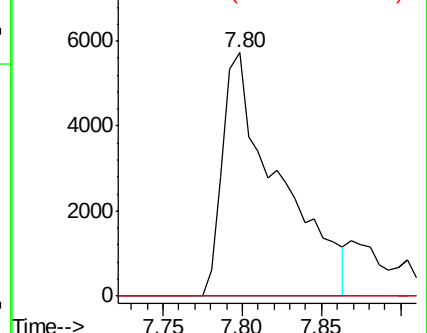
121 0.0 46.6 70.0#

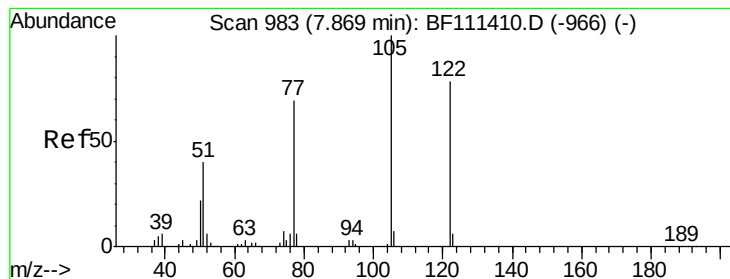


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 2.523 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.07 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

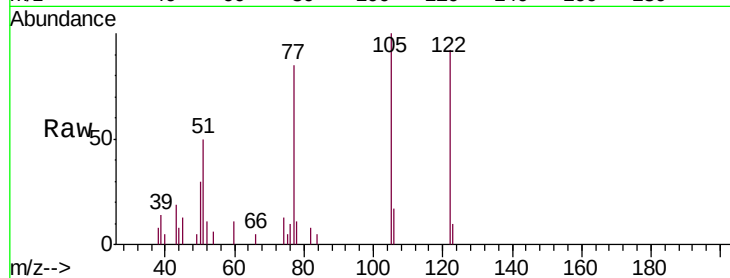
Tgt Ion:122 Resp: 14001

Ion Ratio Lower Upper

122 100

105 109.3 97.0 137.0

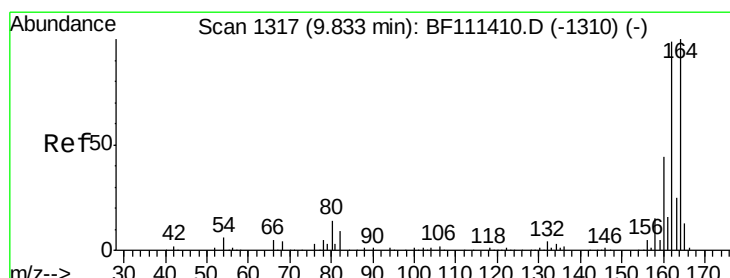
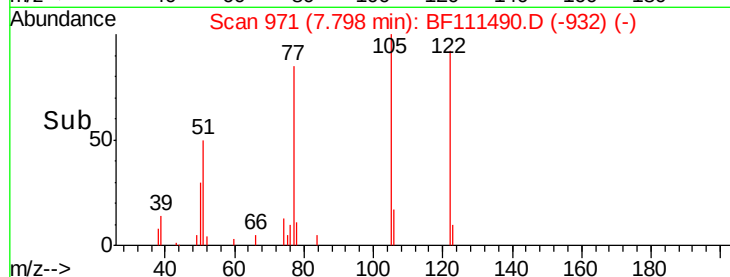
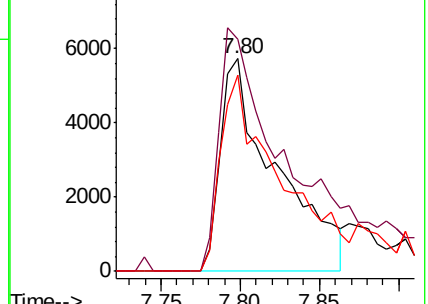
77 92.4 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

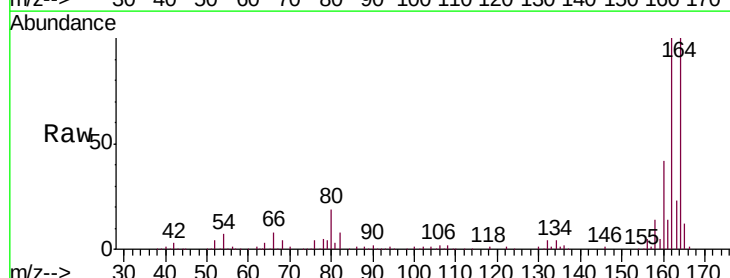
Tgt Ion:164 Resp: 196122

Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

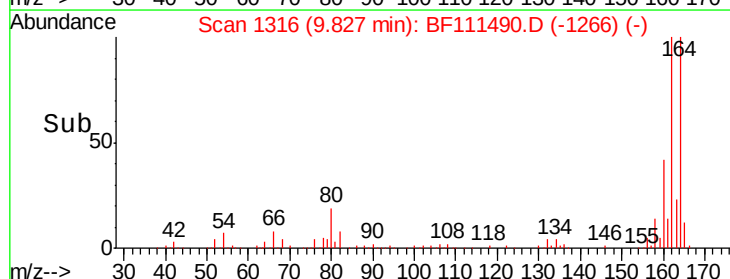
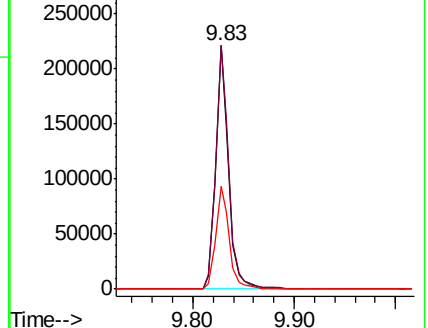
160 42.4 35.7 53.5

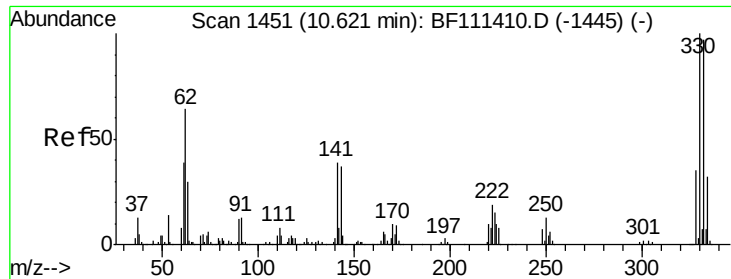


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 118.154 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111490.D

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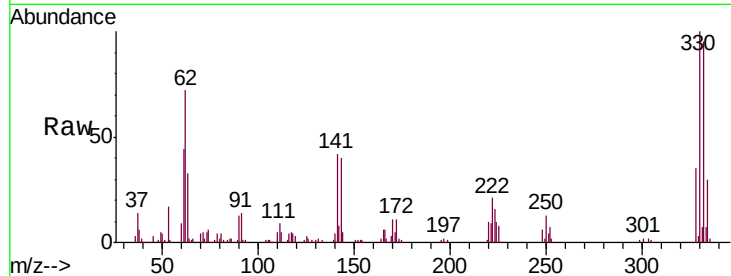
Tgt Ion:330 Resp: 207578

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

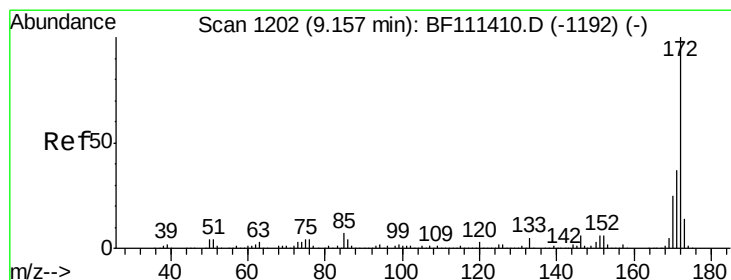
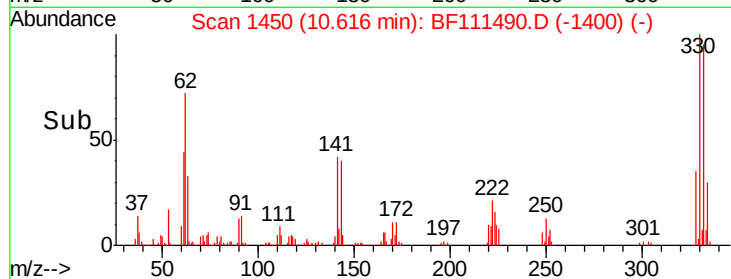
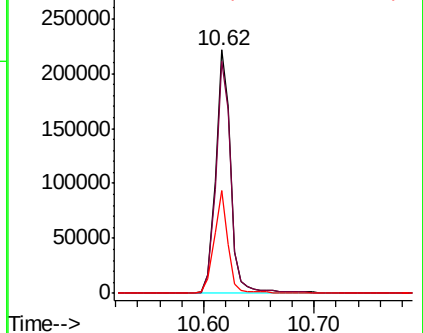
141 38.6 31.0 46.6



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: 105.537 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

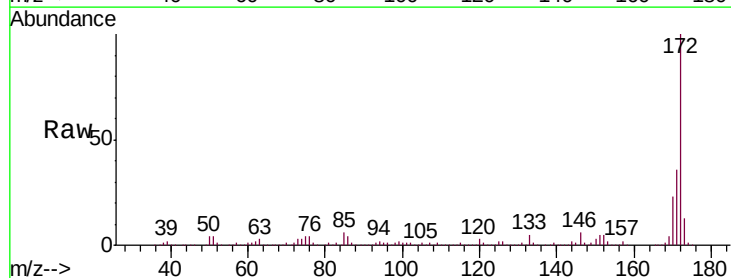
Tgt Ion:172 Resp: 1339994

Ion Ratio Lower Upper

172 100

171 35.6 33.0 49.4

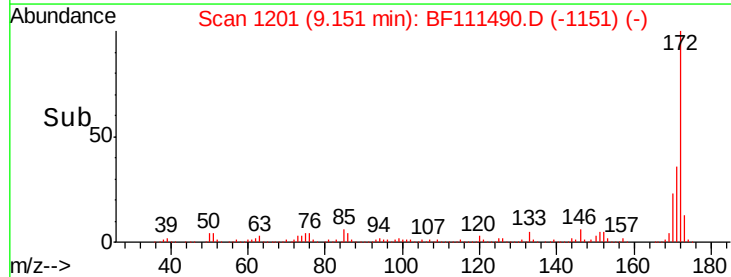
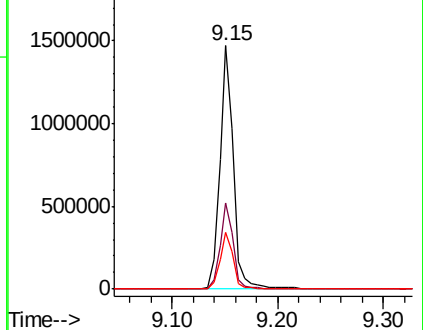
170 23.3 22.3 33.5

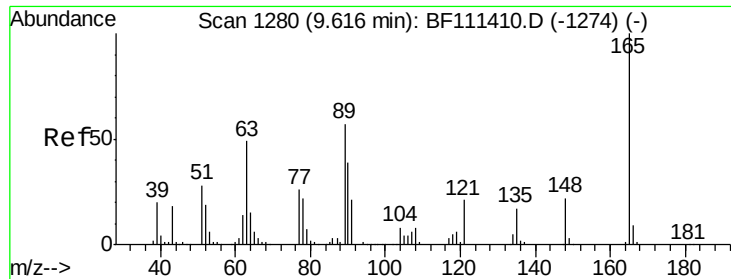


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.651 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

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TP-T1

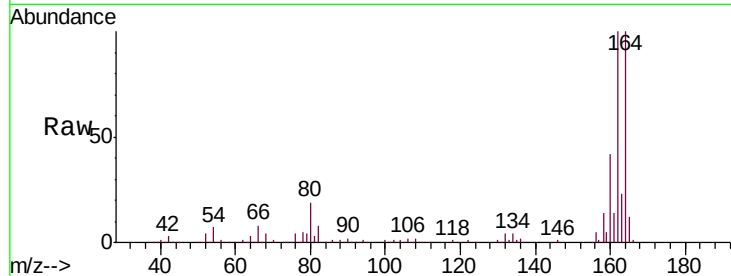
Tgt Ion:165 Resp: 24326

Ion Ratio Lower Upper

165 100

63 3.2 40.5 60.7#

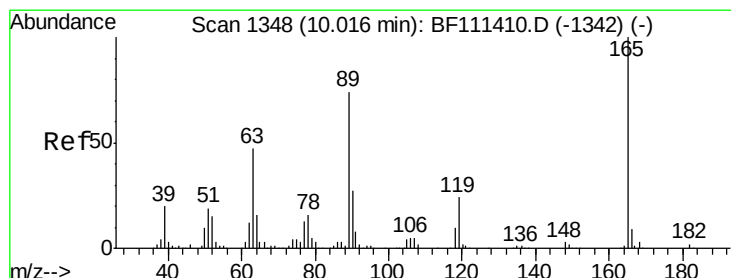
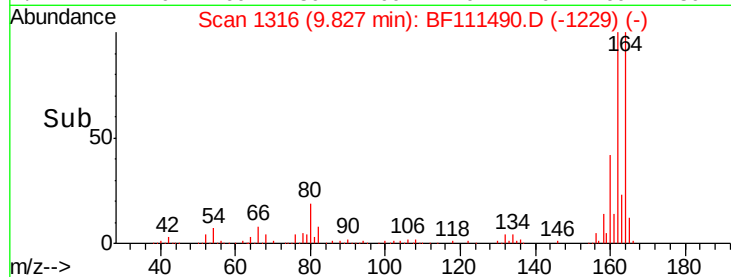
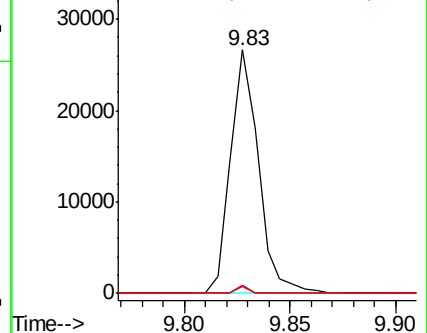
89 2.6 40.0 60.0#



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: 5.830 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Tgt Ion:165 Resp: 24326

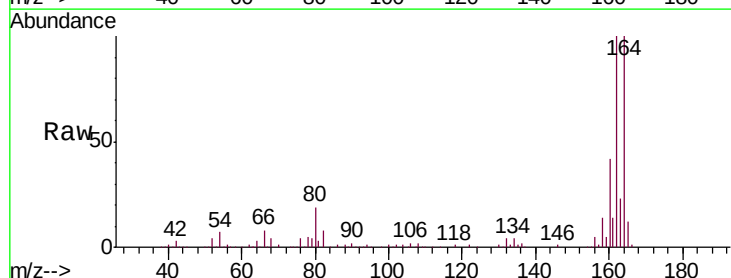
Ion Ratio Lower Upper

165 100

63 3.2 34.6 52.0#

89 2.6 56.2 84.4#

182 0.0 1.8 2.6#

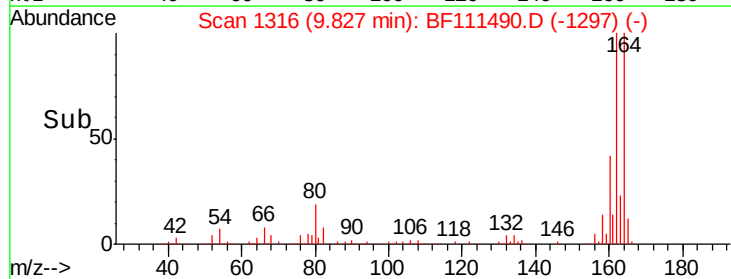
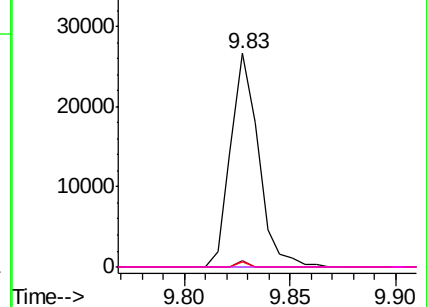


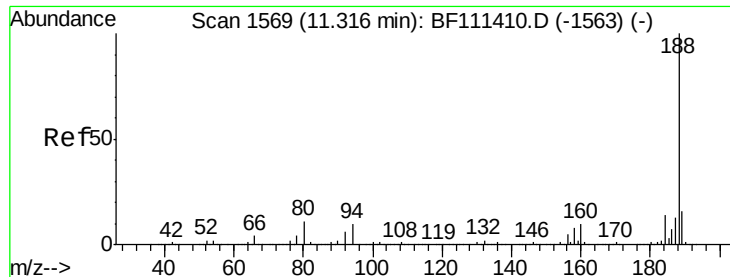
Abundance Ion 165.00 (164.70 to 165.70): E

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

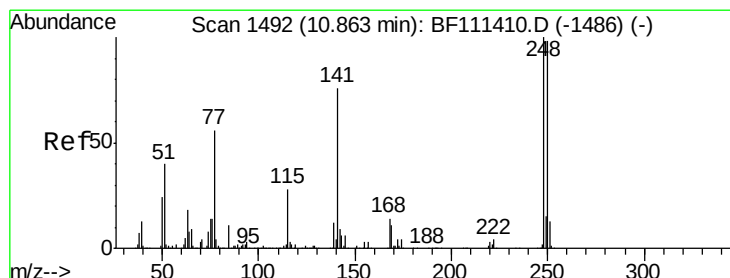
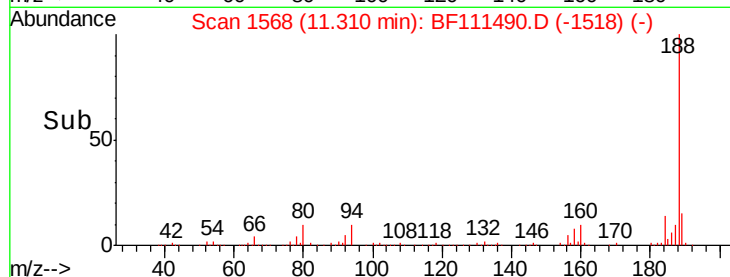
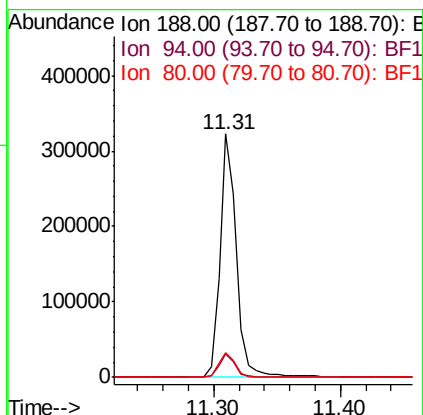
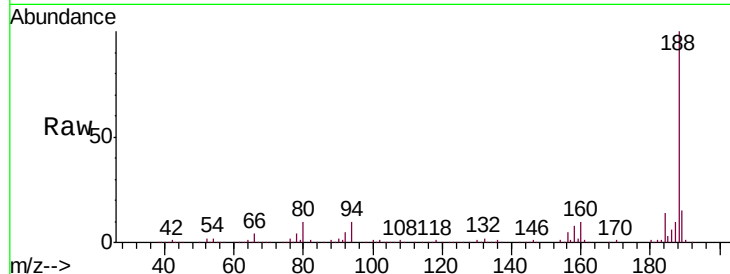




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

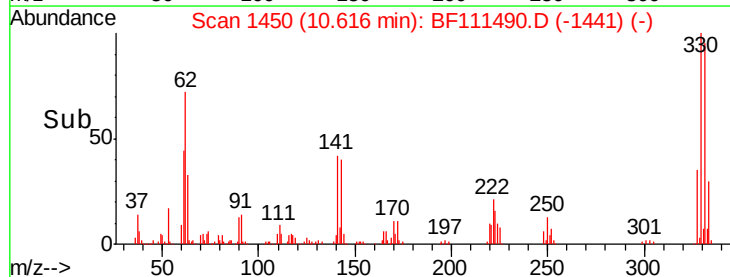
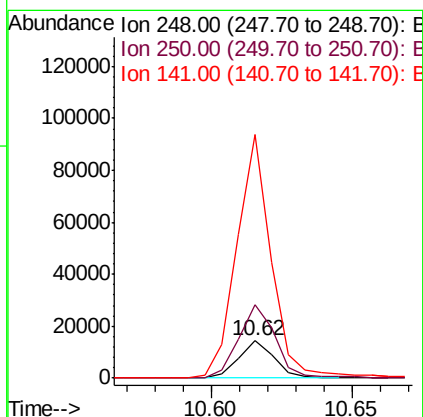
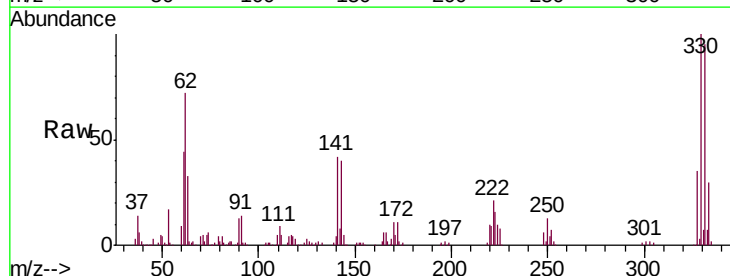
Instrument :
BNA_F
ClientSampleId :
TP-T1

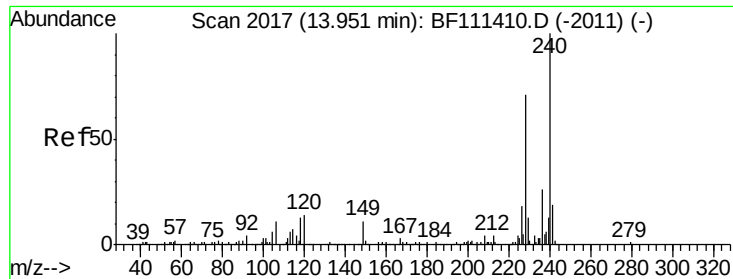
Tgt Ion:188 Resp: 291377
Ion Ratio Lower Upper
188 100
94 9.7 9.6 14.4
80 10.3 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Tgt Ion:248 Resp: 12455
Ion Ratio Lower Upper
248 100
250 197.2 77.0 115.4#
141 655.9 63.0 94.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

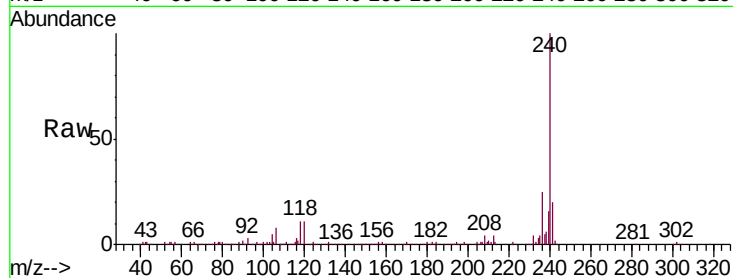
Tgt Ion:240 Resp: 264553

Ion Ratio Lower Upper

240 100

120 11.3 12.2 18.2#

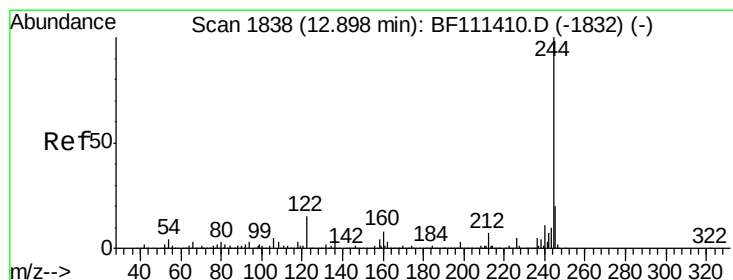
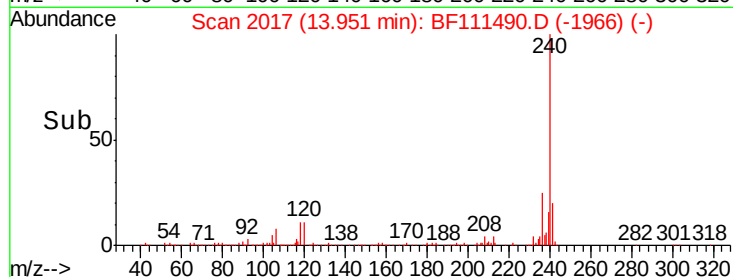
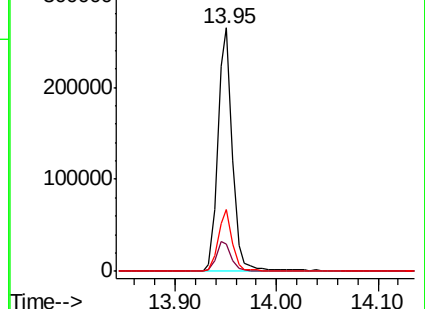
236 25.2 20.2 30.2



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: 99.276 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

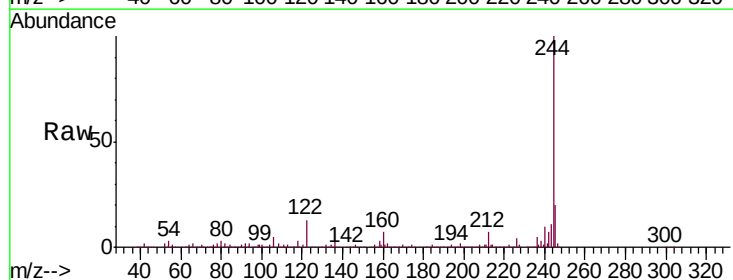
Tgt Ion:244 Resp: 1118445

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

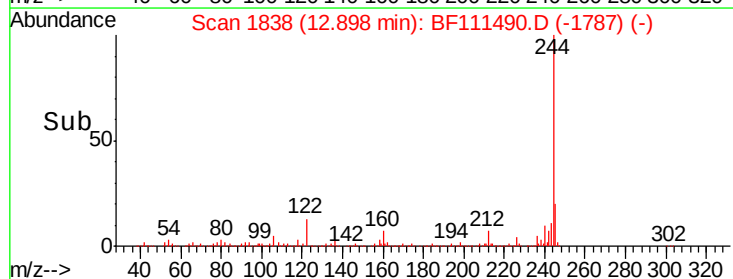
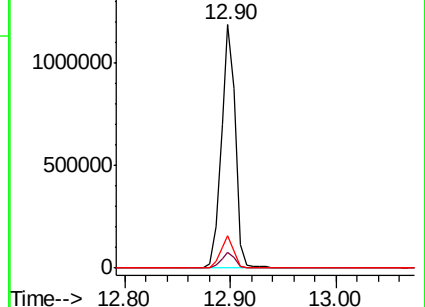
122 13.1 13.1 19.7

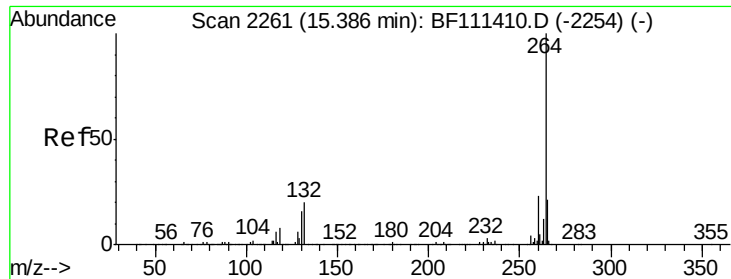


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Instrument :
BNA_F
ClientSampleId :
TP-T1

Tgt Ion: 264 Resp: 177813

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.3	27.5
265	20.7	17.7	26.5

