

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111273.D
 Acq On : 11 Dec 2018 12:41
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 13:28:58 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

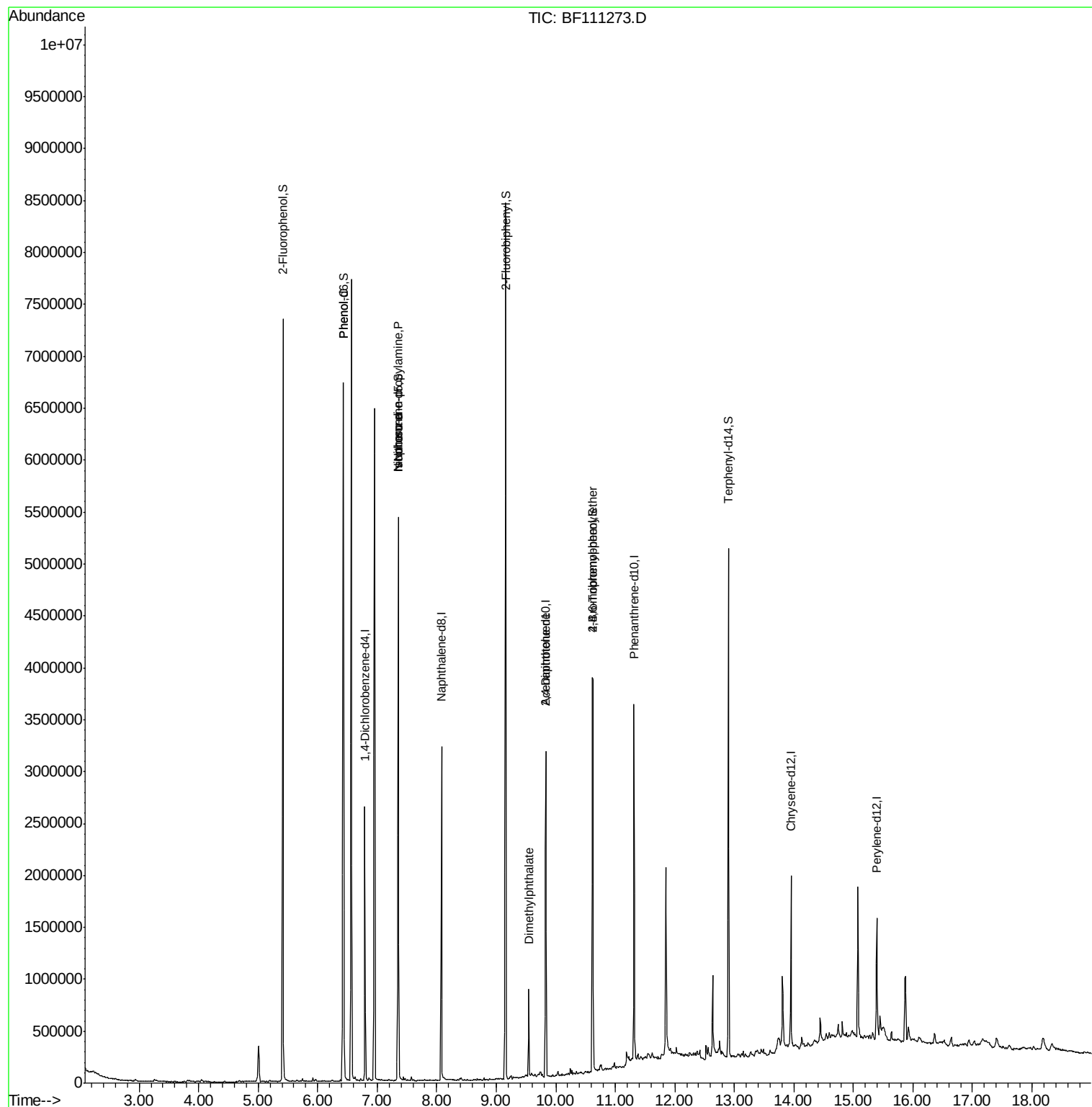
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	401991	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1528145	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	577453	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1110326	20.00	ng	0.00
76) Chrysene-d12	13.95	240	499355	20.00	ng	0.00
87) Perylene-d12	15.39	264	516433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2020316	79.36	ng	0.00
7) Phenol-d6	6.43	99	2601156	82.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	1697585	62.31	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	431982	84.45	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2509116	72.10	ng	0.00
79) Terphenyl-d14	12.90	244	1528907	73.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	5652	Below Cal	Qvalue	# 1
10) Phenol	6.44	94	147969	4.000 ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	230313	10.867 ng	#	79
25) Isophorone	7.36	82	1666242	35.907 ng	#	64
46) 1,1'-Biphenyl	9.26	154	6659	Below Cal		95
50) Dimethylphthalate	9.55	163	278873	6.545 ng		98
57) 2,4-Dinitrotoluene	9.83	165	73154	6.306 ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	28215	2.320 ng	#	1

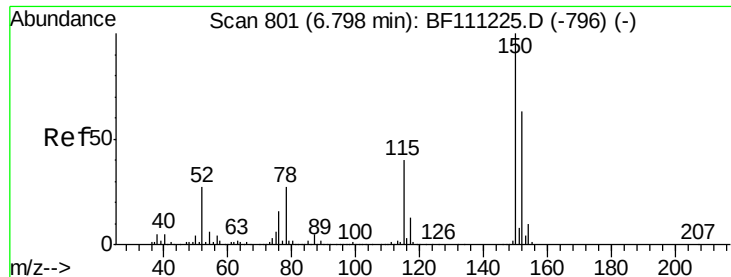
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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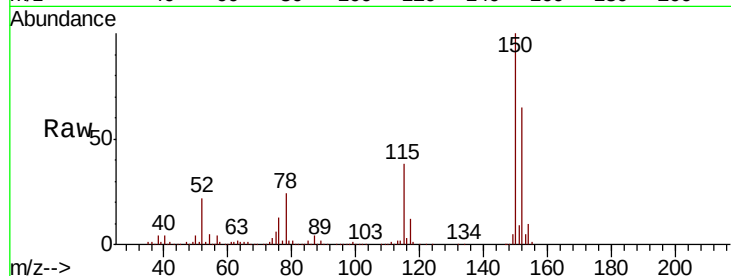


#1

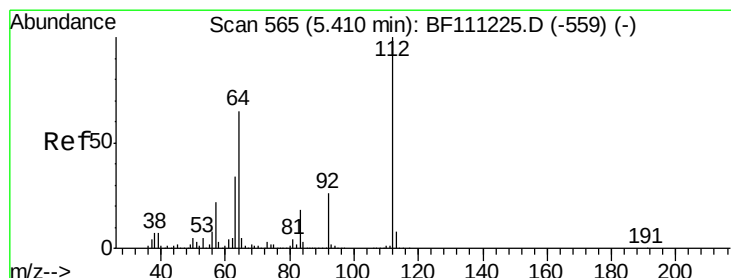
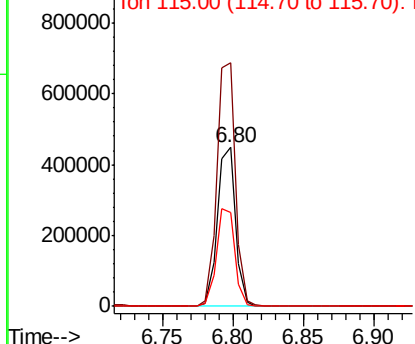
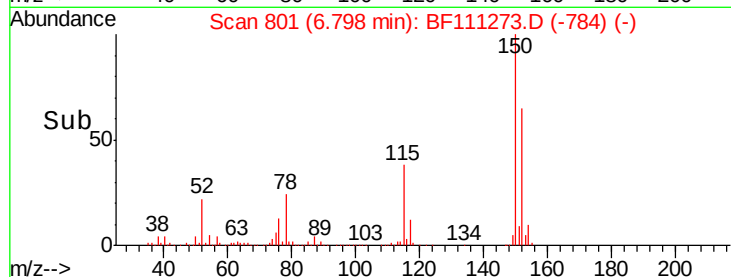
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	58.8	50.7	76.1



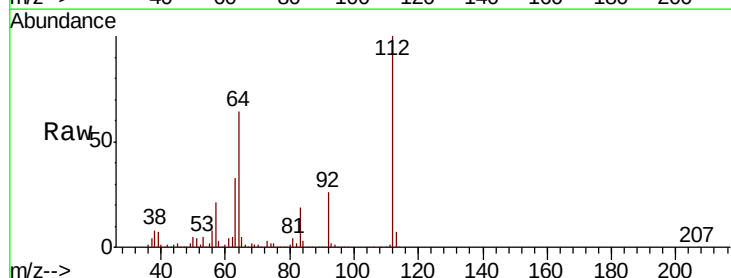
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



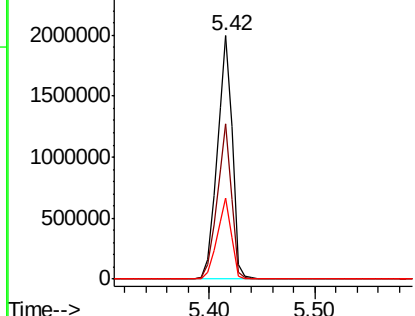
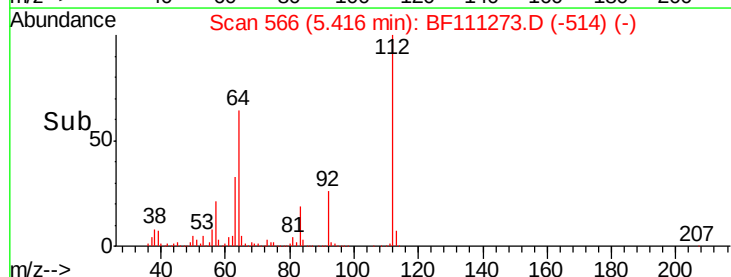
#5

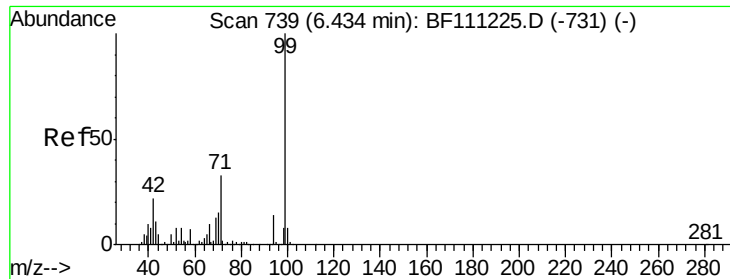
2-Fluorophenol
Concen: 79.360 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	33.3	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: 82.218 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_F

ClientSampleId :

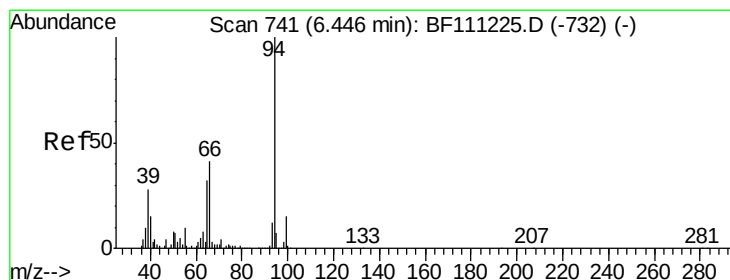
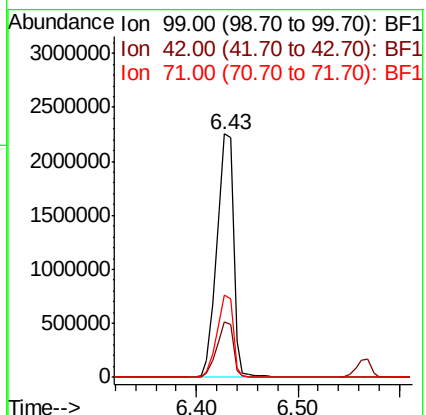
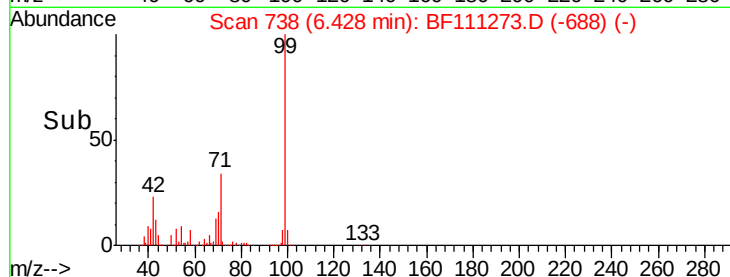
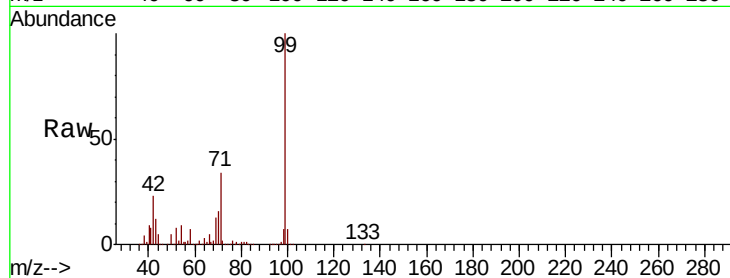
Tot Ion: 99 Resp: 2601156

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

71 33.7 26.1 39.1



#10

Phenol

Concen: 4.000 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

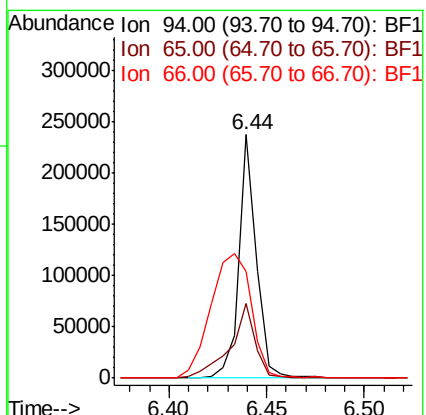
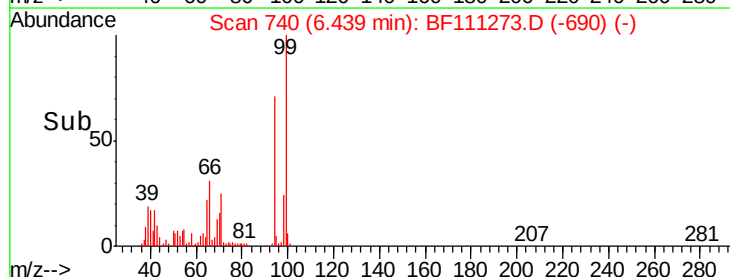
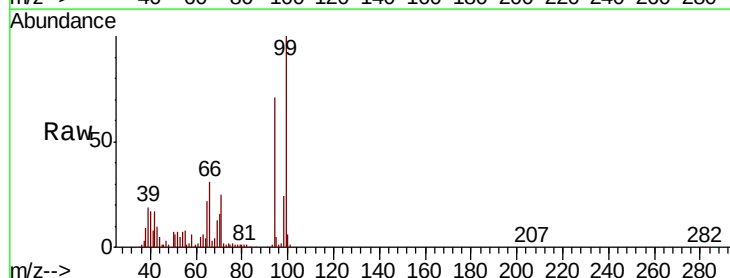
Tgt Ion: 94 Resp: 147969

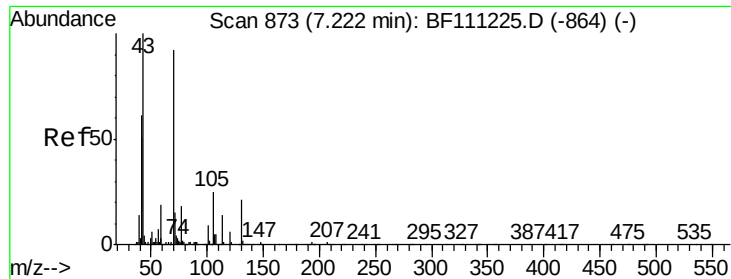
Ion Ratio Lower Upper

94 100

65 30.5 11.7 51.7

66 43.6 21.0 61.0

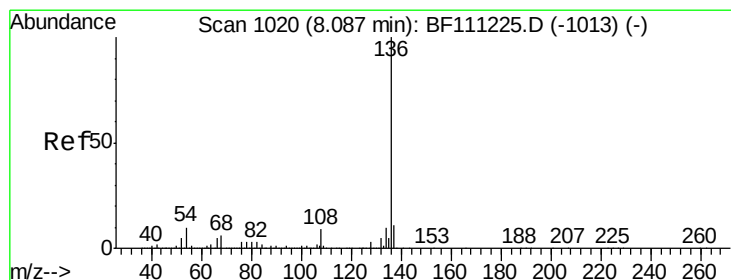
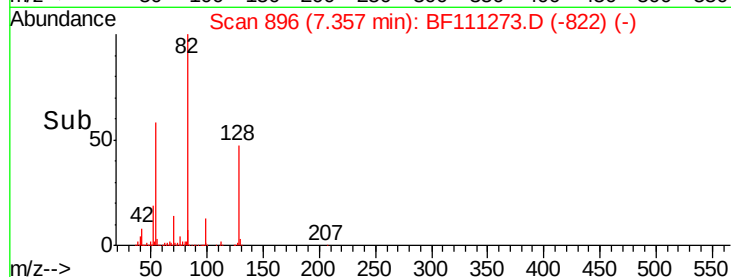
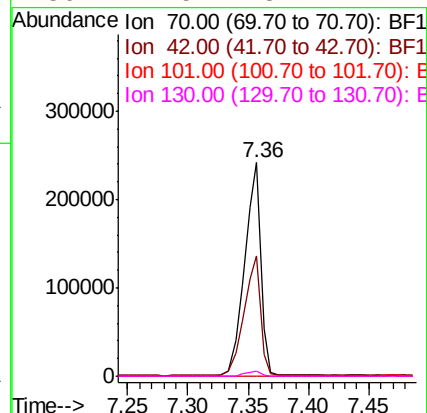
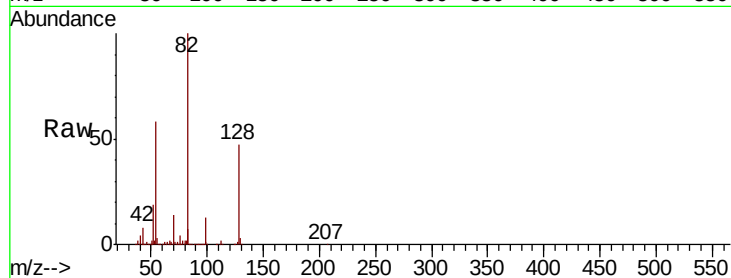




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.867 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.14 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

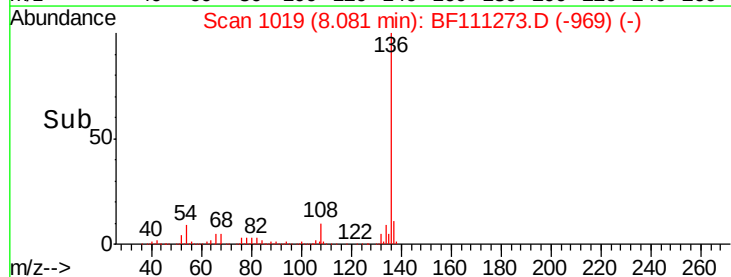
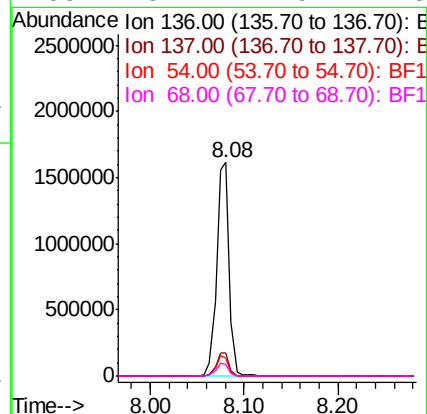
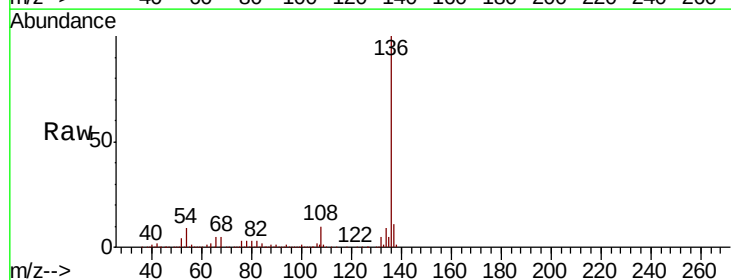
Instrument :
 BNA_F
 ClientSampleId :

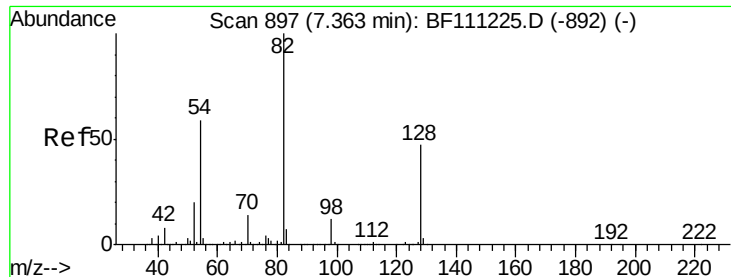
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.5	18.1	27.1#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.6	7.7	11.5
68	5.4	4.9	7.3

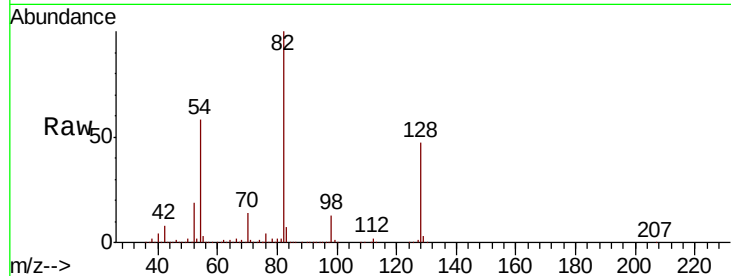




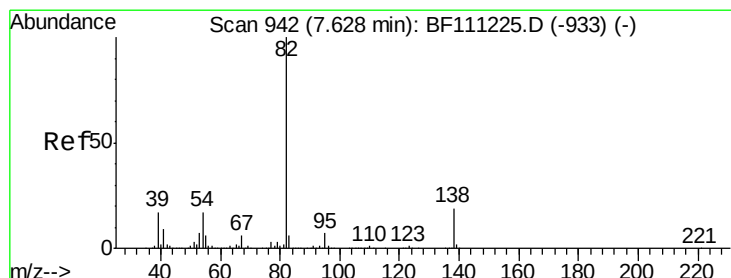
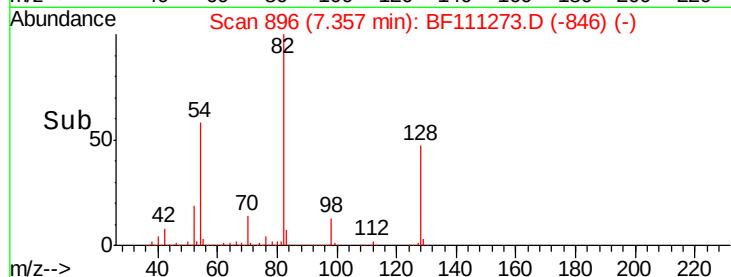
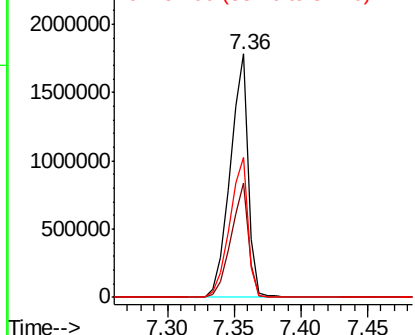
#23
Nitrobenzene-d5
Concen: 62.308 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1697585
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.2
54 57.7 47.6 71.4

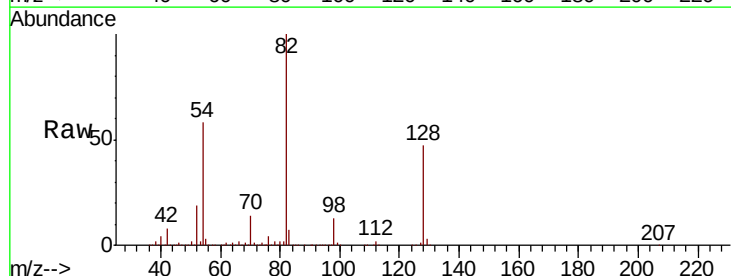


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

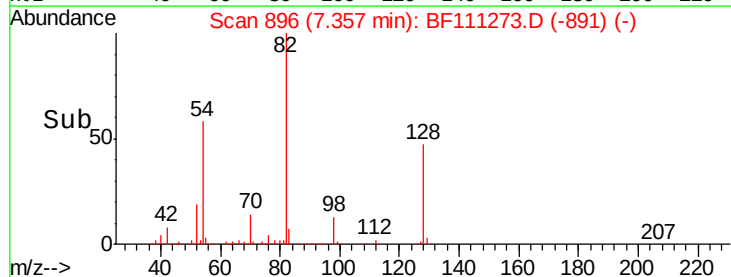
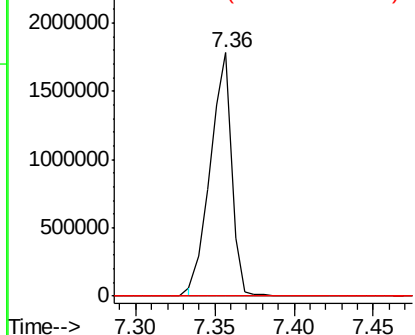


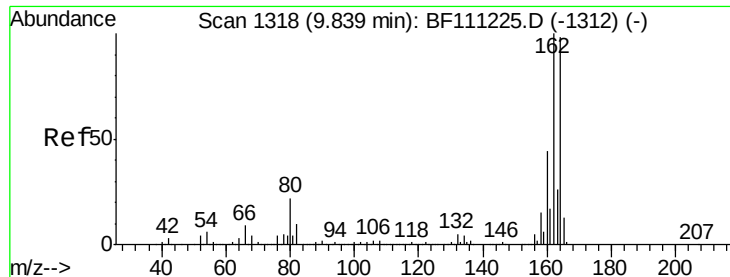
#25
Isophorone
Concen: 35.907 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion: 82 Resp: 1666242
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

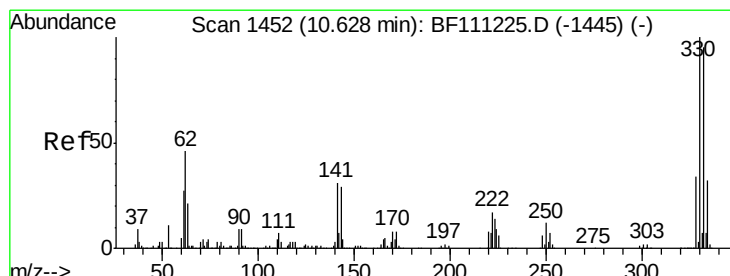
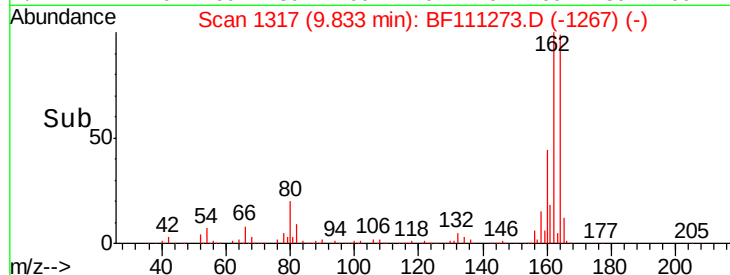
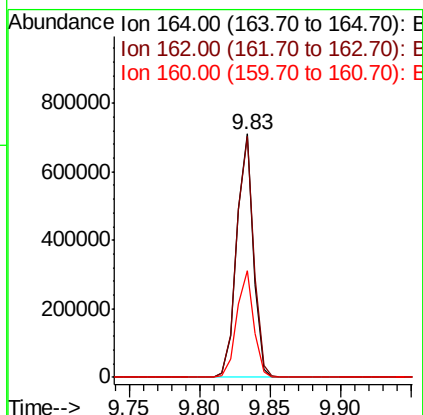
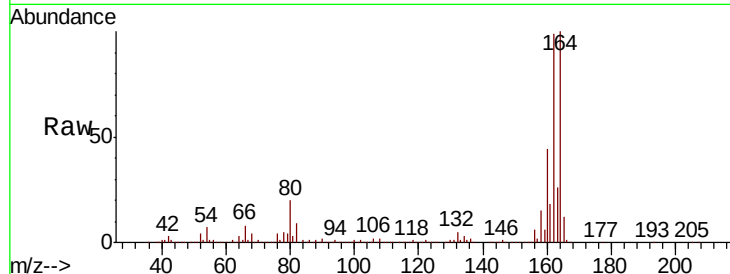




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

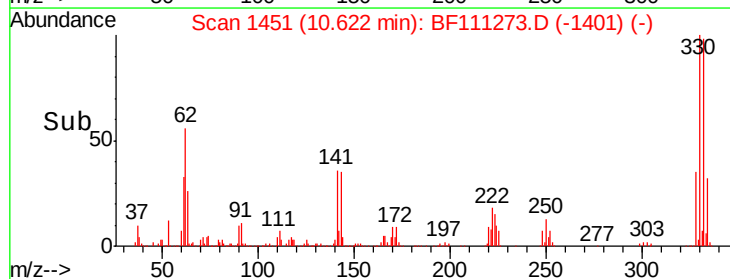
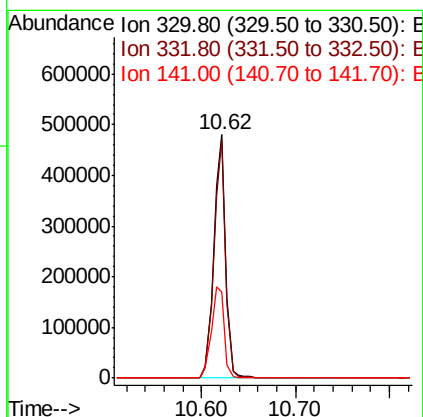
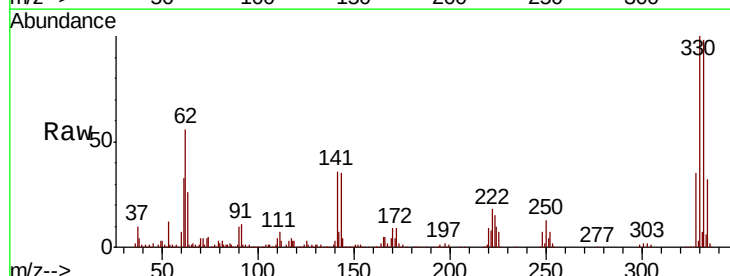
Instrument :
 BNA_F
 ClientSampleId :

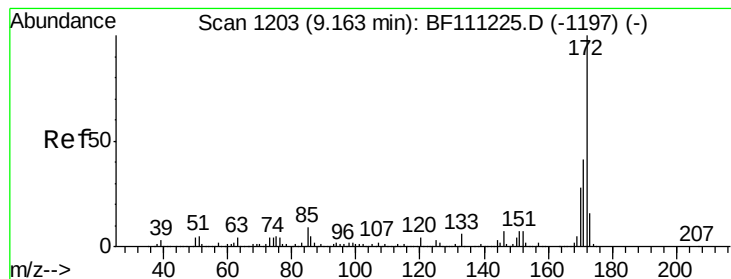
Tot Ion:164 Resp: 577453
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.4 122.0
 160 43.9 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 84.452 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:330 Resp: 431982
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 41.2 31.0 46.6





#45

2-Fluorobiphenyl

Concen: 72.102 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_F

ClientSampleId :

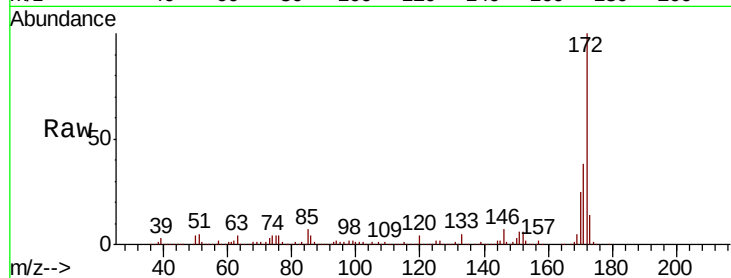
Tot Ion:172 Resp: 2509116

Ion Ratio Lower Upper

172 100

171 37.7 33.0 49.4

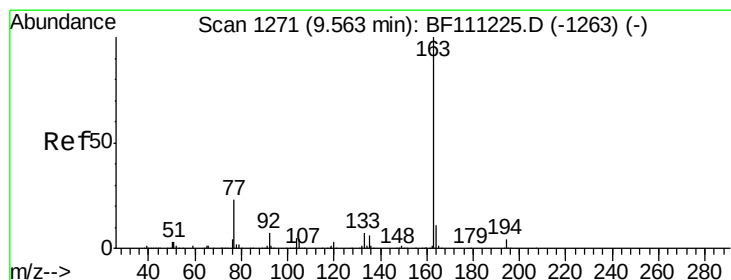
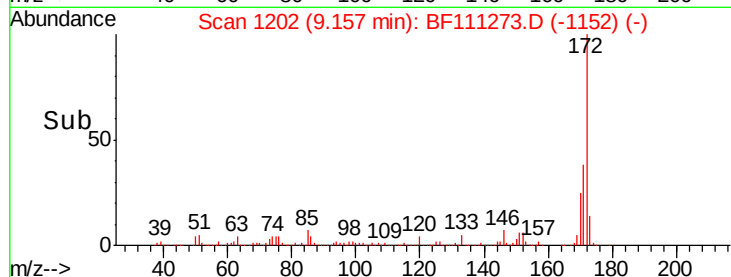
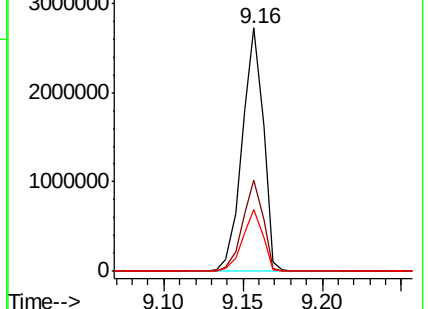
170 25.4 22.3 33.5



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: 6.545 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

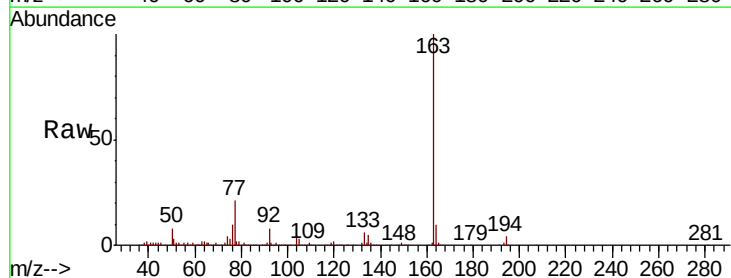
Tgt Ion:163 Resp: 278873

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

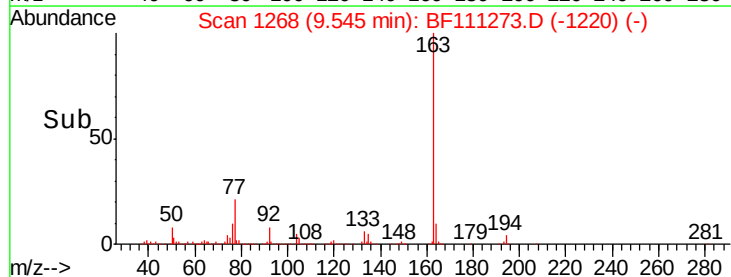
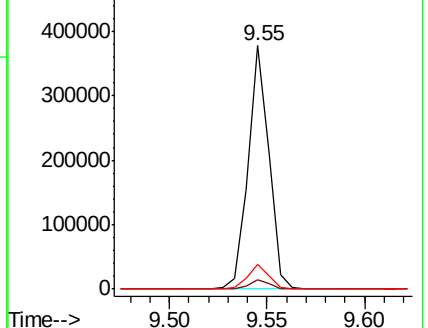
164 10.4 8.9 13.3

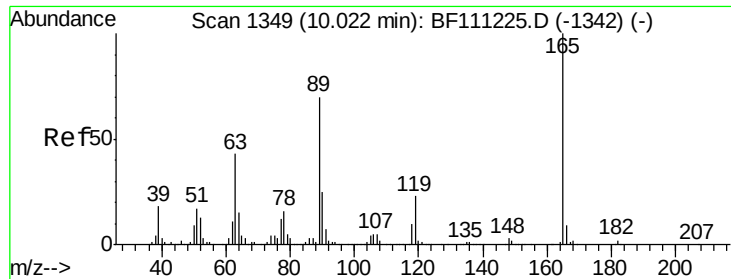


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

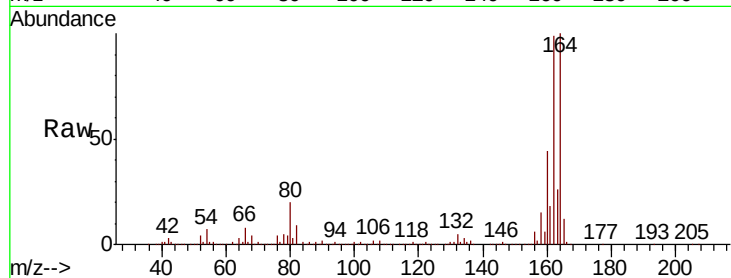




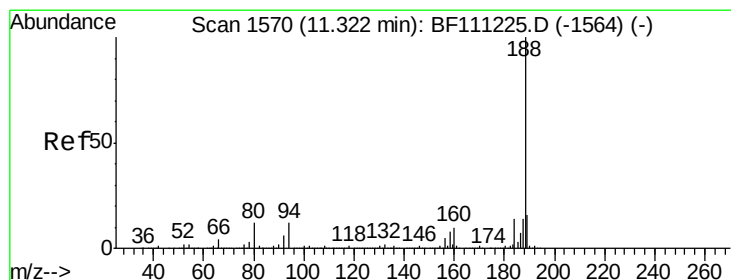
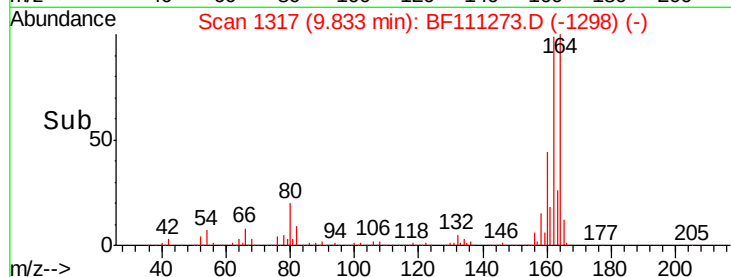
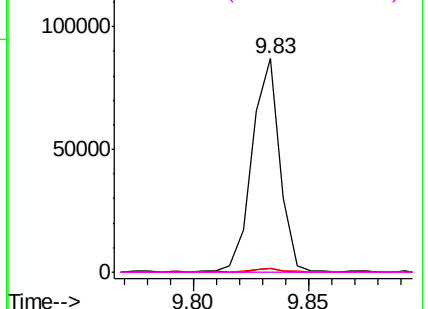
#57
 2,4-Dinitrotoluene
 Concen: 6.306 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	73154
Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#

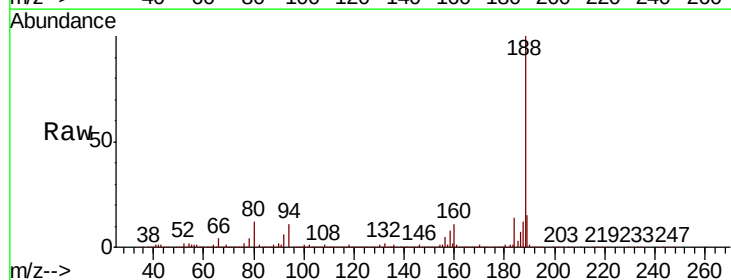


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

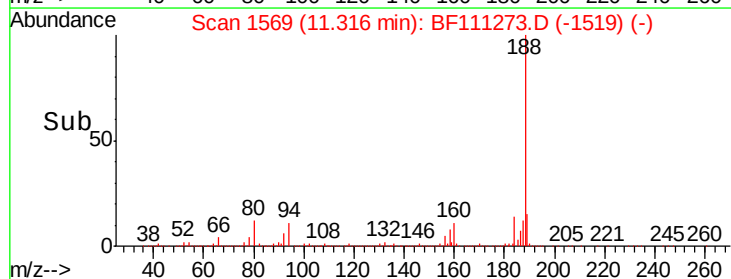
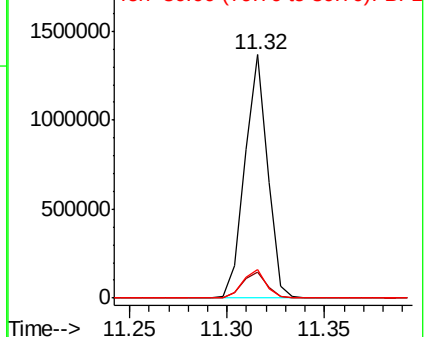


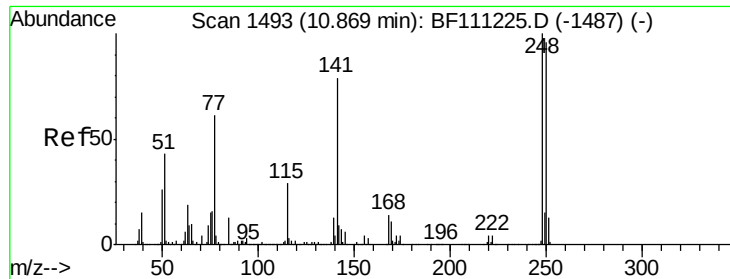
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:	188	Resp:	1110326
Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	11.8	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

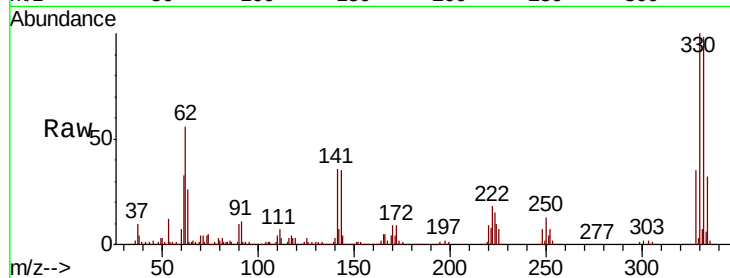




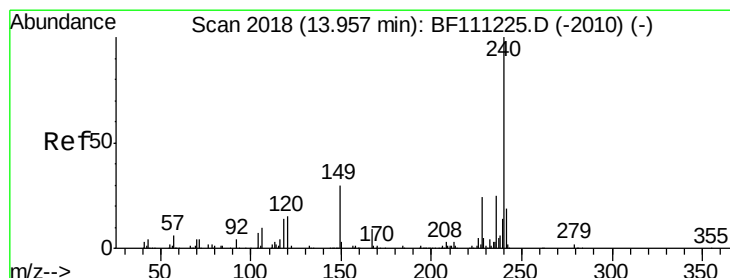
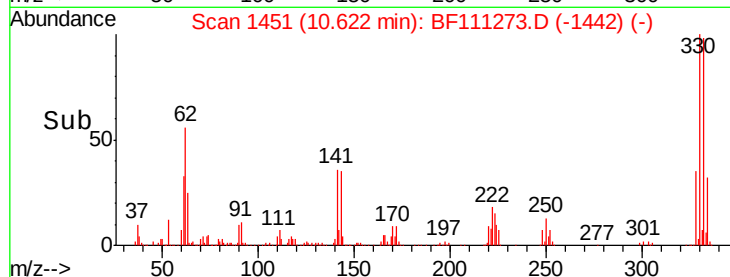
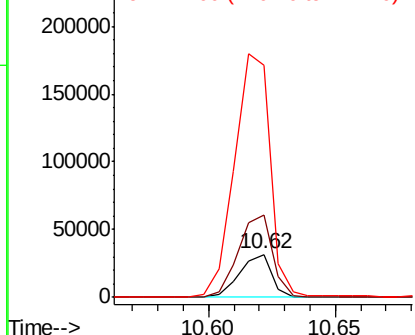
#67
4-Bromophenyl-phenylether
Concen: 2.320 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 28215
Ion Ratio Lower Upper
248 100
250 190.9 77.0 115.4#
141 539.3 63.0 94.6#

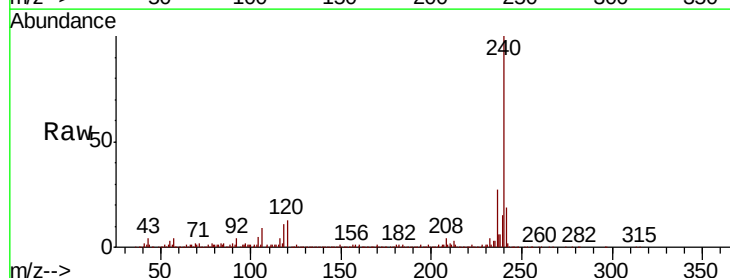


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

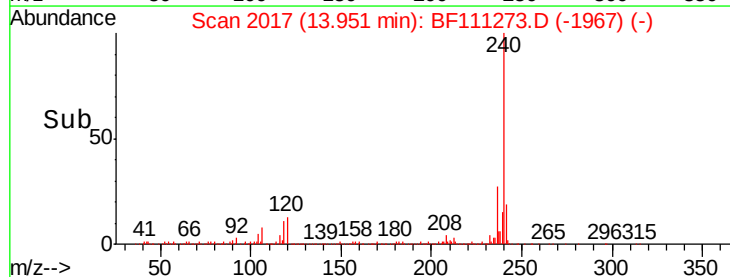
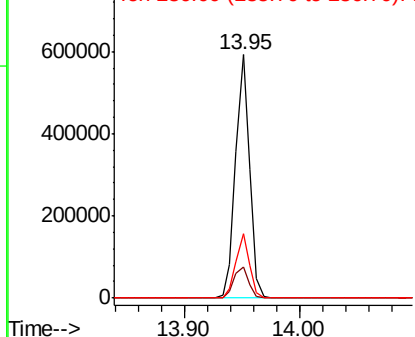


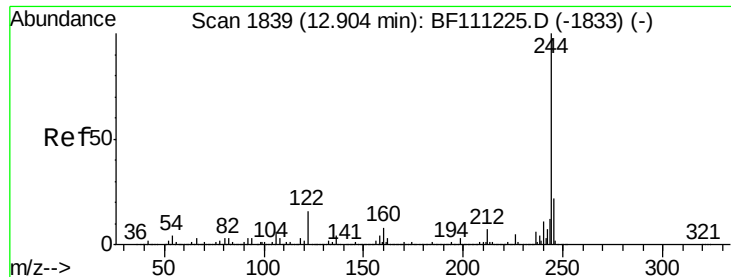
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion:240 Resp: 499355
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 26.6 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



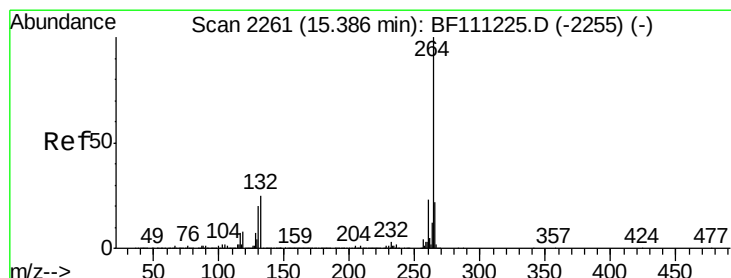
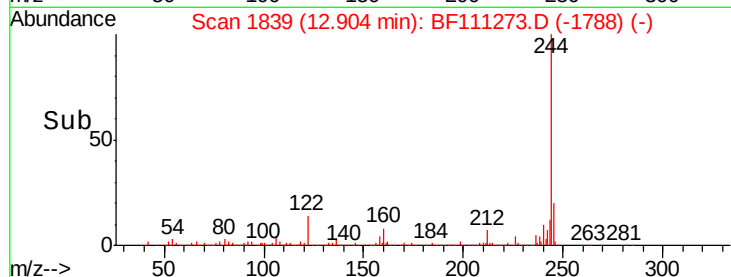
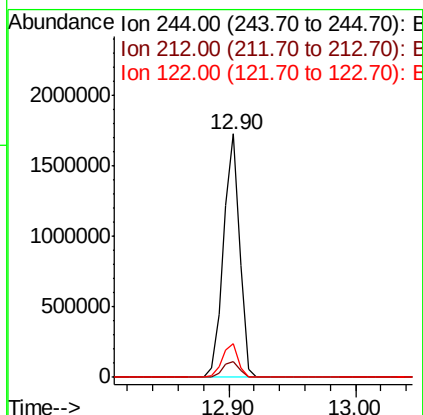
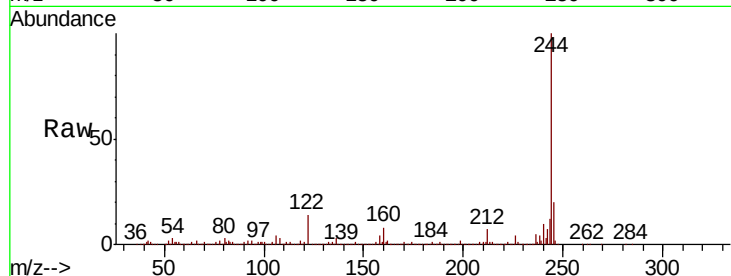


#79
 Terphenyl-d14
 Concen: 73.441 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1528907

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.6	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:264 Resp: 516433

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.4	17.7	26.5

