

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114811.D
 Acq On : 5 Jun 2019 10:52
 Operator : HP/JU
 Sample : K3139-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 11:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

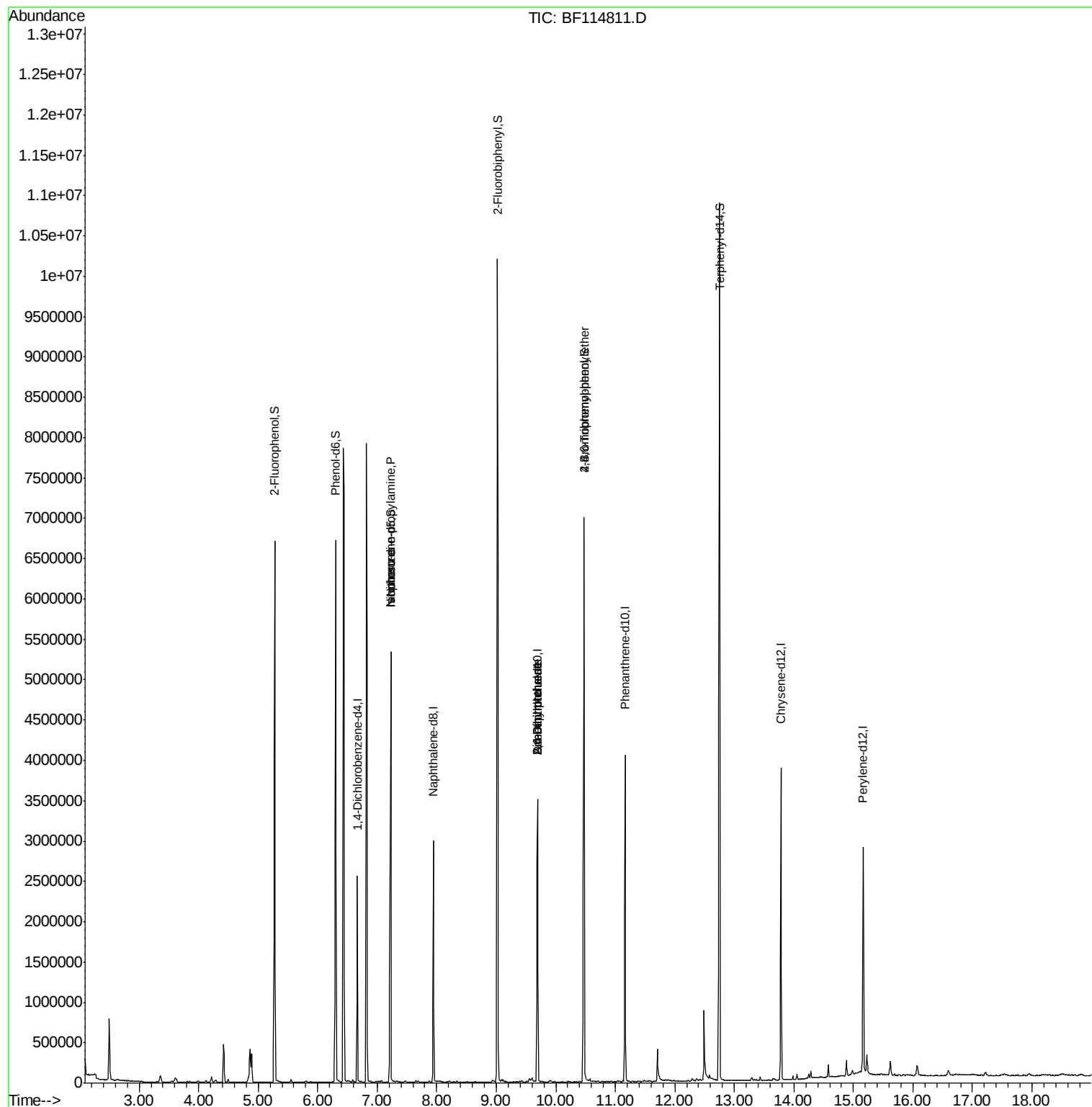
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	363192	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1383380	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	708057	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1477078	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1264197	20.00	ng	0.00
87) Perylene-d12	15.17	264	1267656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2241038	107.82	ng	0.02
7) Phenol-d6	6.30	99	2495238	98.66	ng	0.00
23) Nitrobenzene-d5	7.23	82	1892260	84.20	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	984233	128.99	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3502634	92.67	ng	0.00
79) Terphenyl-d14	12.75	244	4252691	65.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	255547	15.264	ng	# 76
25) Isophorone	7.23	82	1854676	41.747	ng	# 61
50) Dimethylphthalate	9.69	163	201684	3.900	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	91642	7.535	ng	# 32
57) 2,4-Dinitrotoluene	9.69	165	91642	5.994	ng	# 32
58) Fluorene	10.23	166	2013	Below Cal		# 97
67) 4-Bromophenyl-phenylether	10.47	248	63714	3.798	ng	# 1

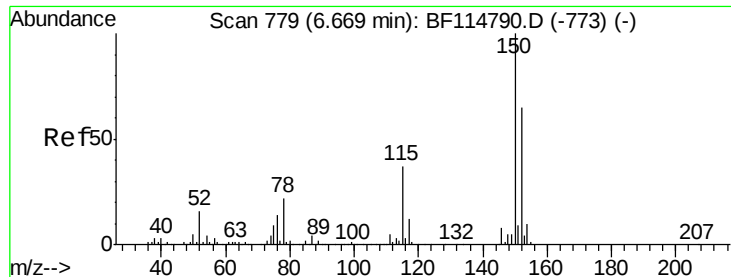
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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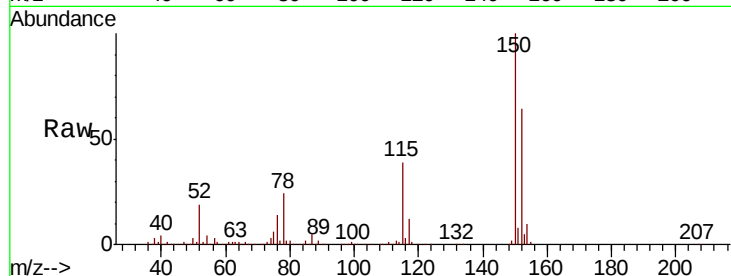


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.0	186.0
115	61.3	46.3	69.5

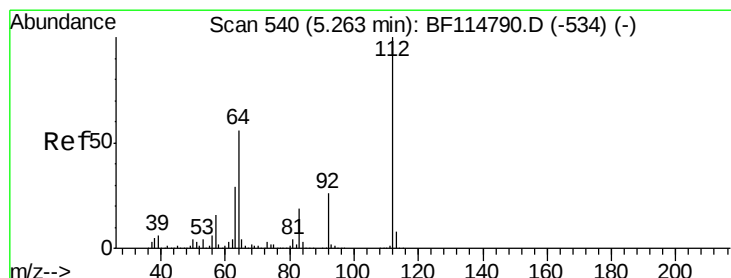
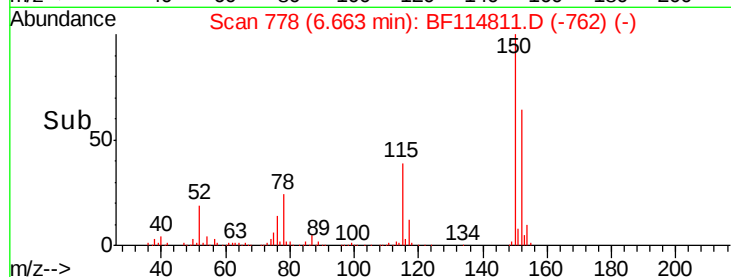
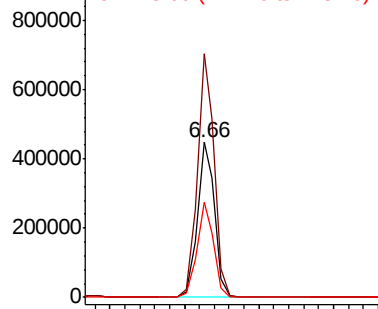


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

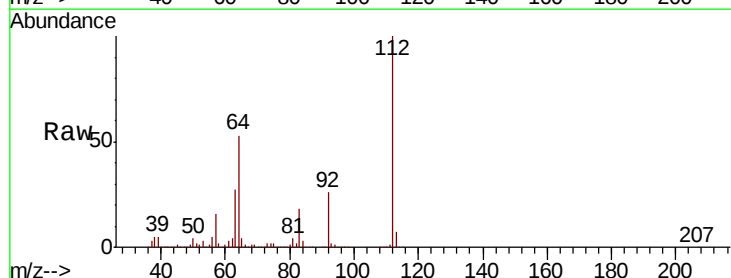
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.819 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.6	66.8
63	27.2	23.0	34.4

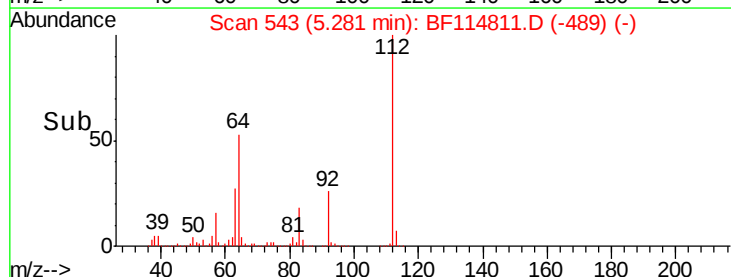
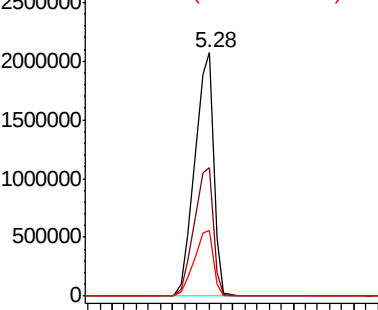


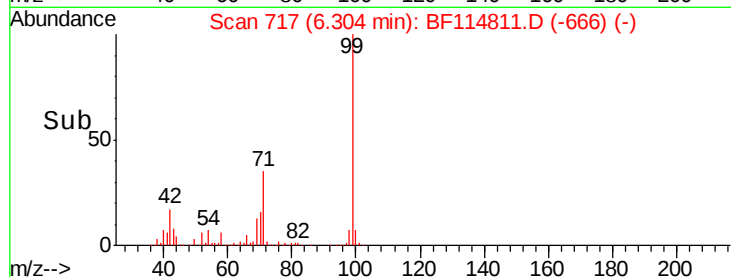
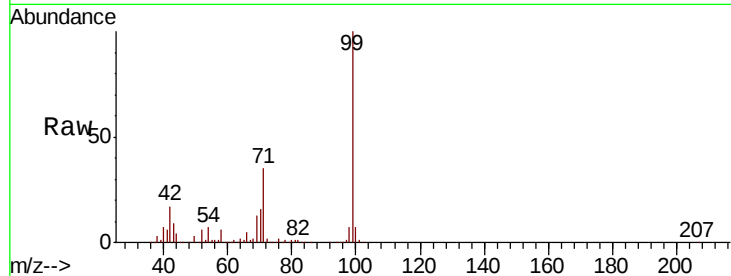
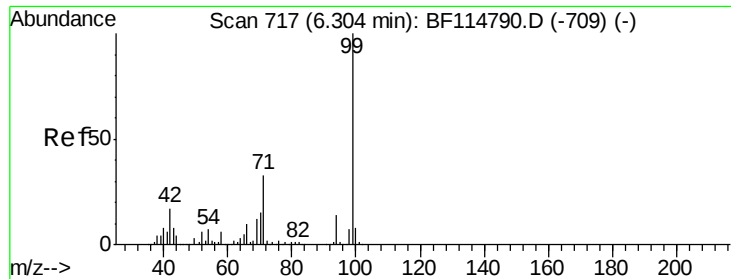
Abundance

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: 98.659 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

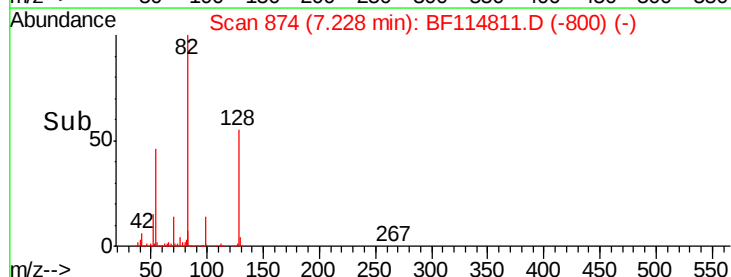
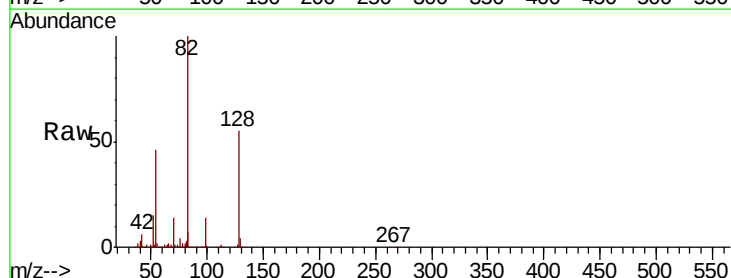
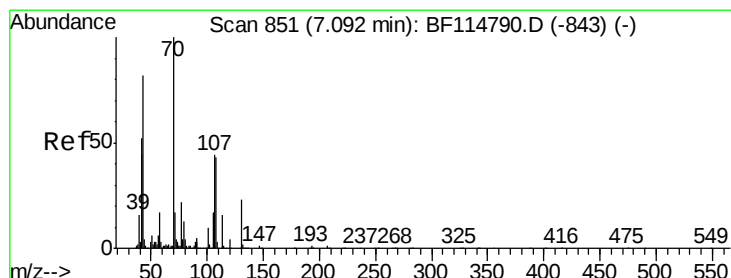
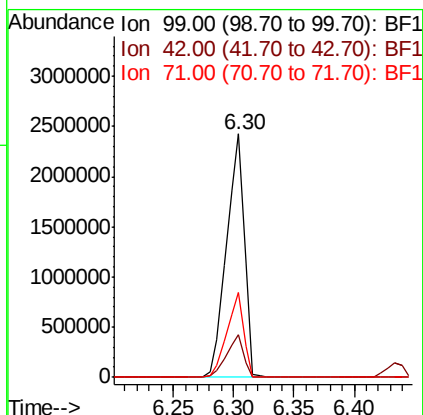
Tot Ion: 99 Resp: 2495238

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

71 35.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.264 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

Tgt Ion: 70 Resp: 255547

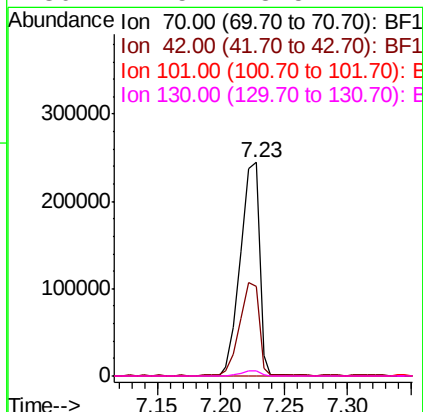
Ion Ratio Lower Upper

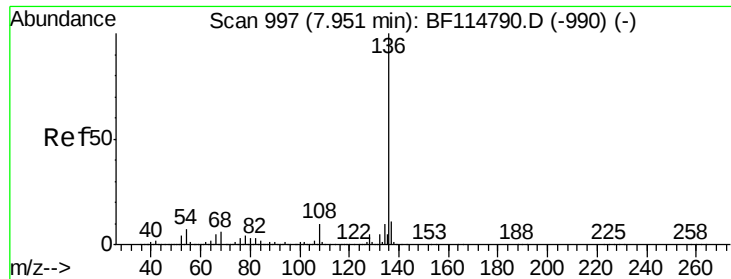
70 100

42 41.9 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

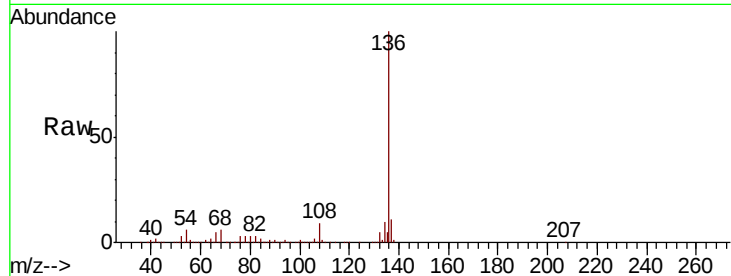




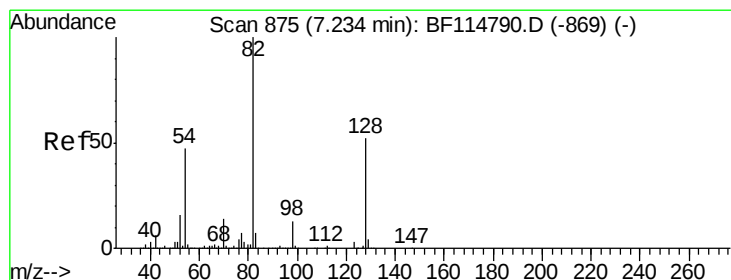
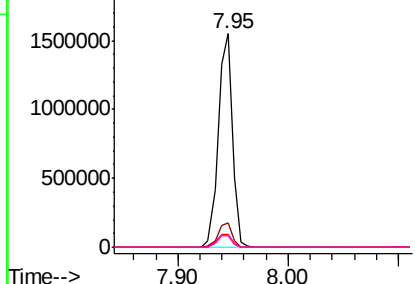
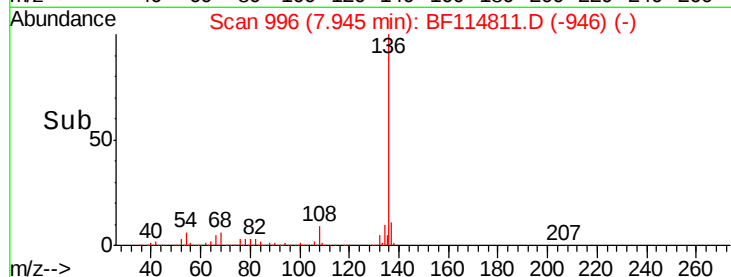
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1383380
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.3	5.4 8.0
68 5.6	4.6 6.8

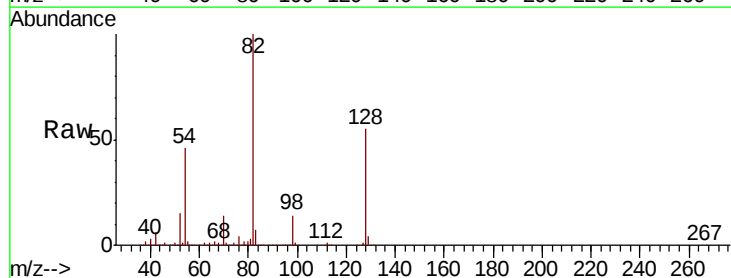


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

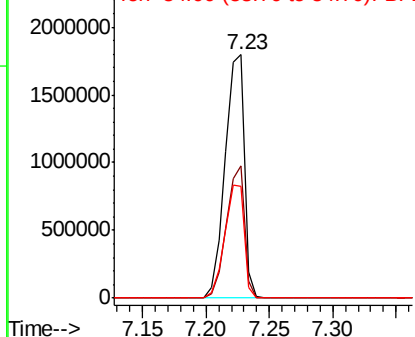
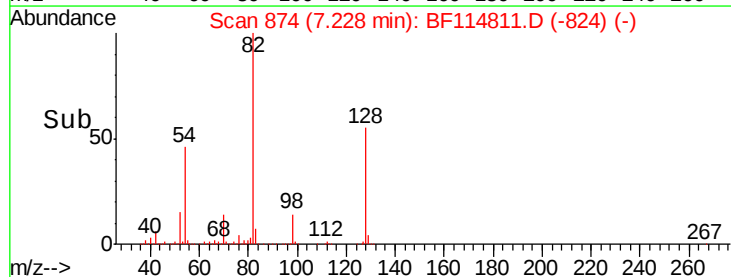


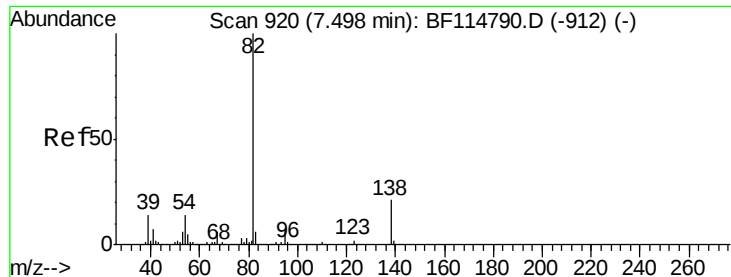
#23
Nitrobenzene-d5
Concen: 84.203 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Tgt Ion: 82	Resp: 1892260
Ion Ratio	Lower Upper
82 100	
128 54.5	41.8 62.6
54 45.8	37.9 56.9



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: 41.747 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

Instrument :

BNA_F

ClientSampled :

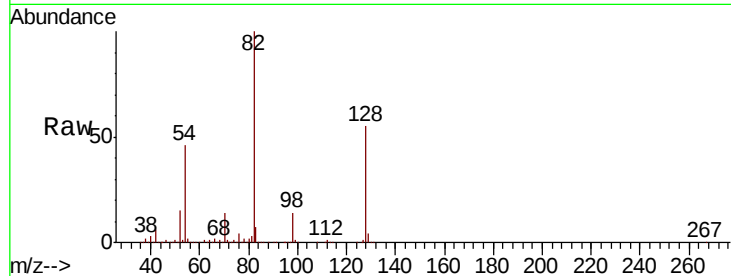
Tot Ion: 82 Resp: 1854676

Ion Ratio Lower Upper

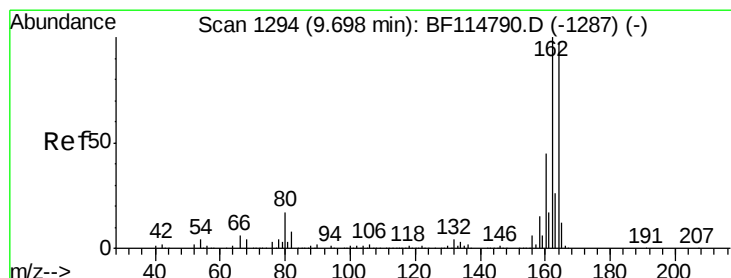
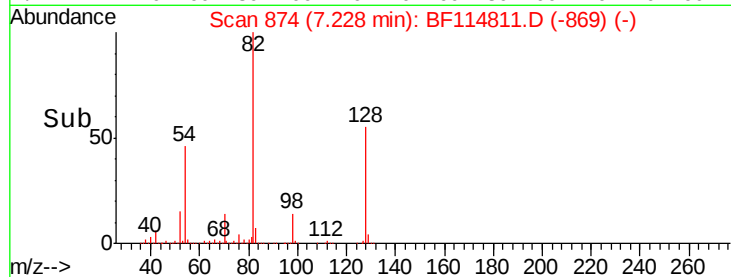
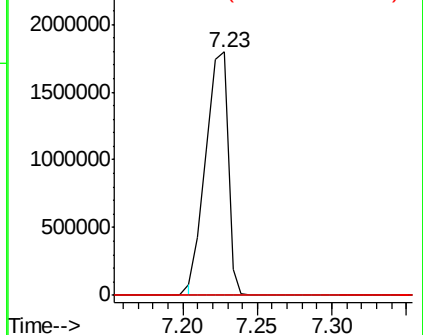
82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

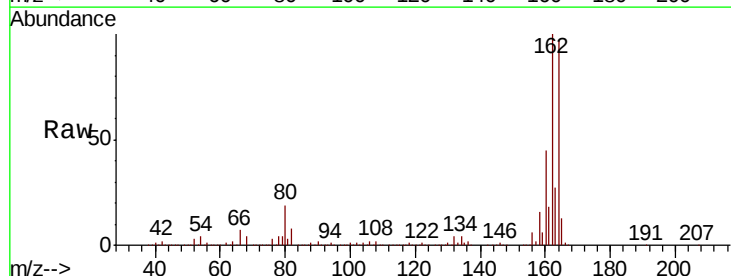
Tgt Ion:164 Resp: 708057

Ion Ratio Lower Upper

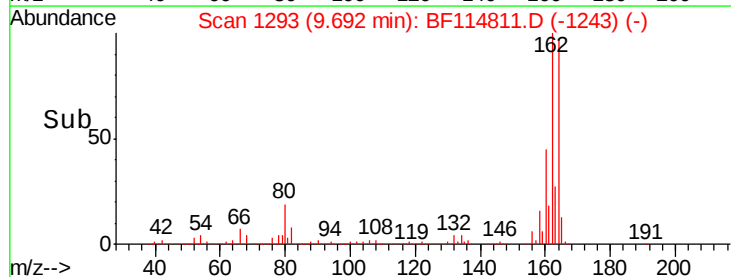
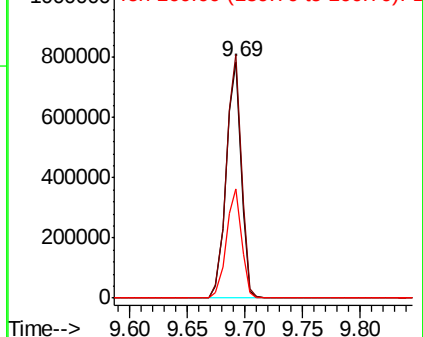
164 100

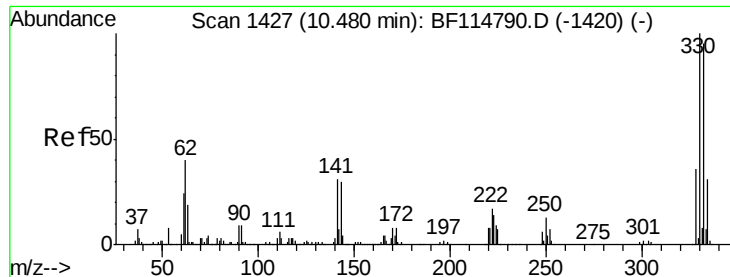
162 102.9 82.3 123.5

160 46.3 36.7 55.1



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

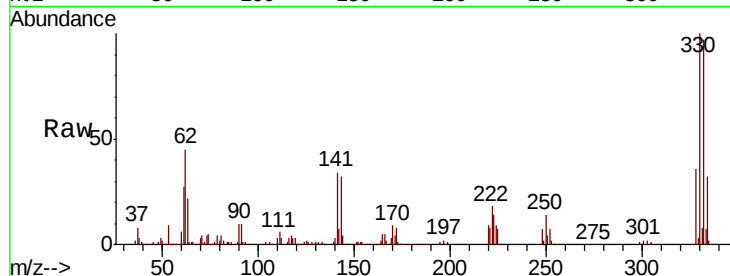




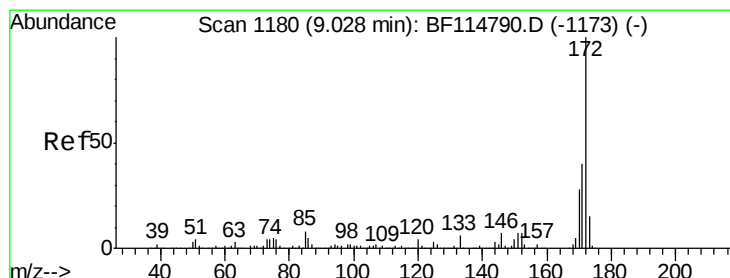
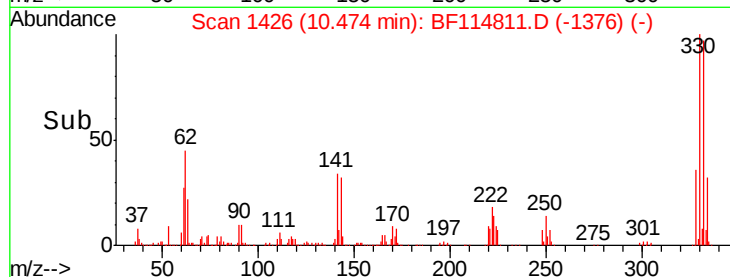
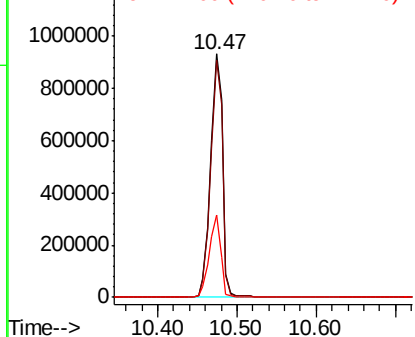
#42
 2,4,6-Tribromophenol
 Concen: 128.988 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114811.D
 Acq: 5 Jun 2019 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 984233
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 32.2 26.2 39.4

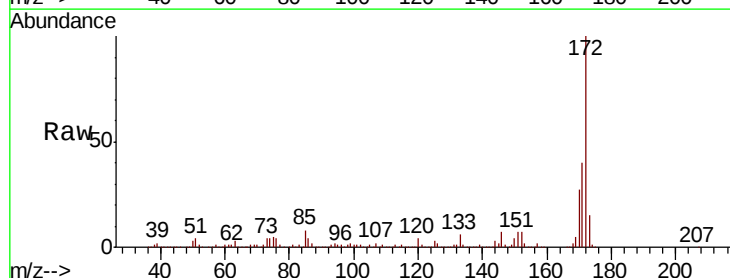


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

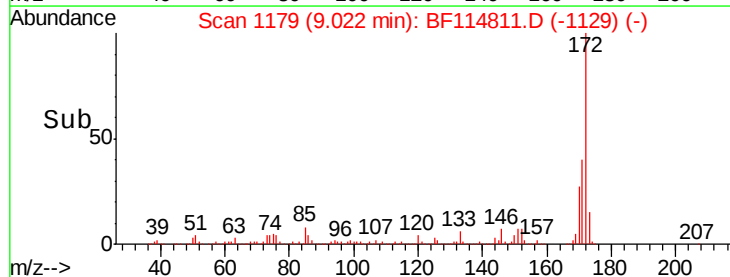
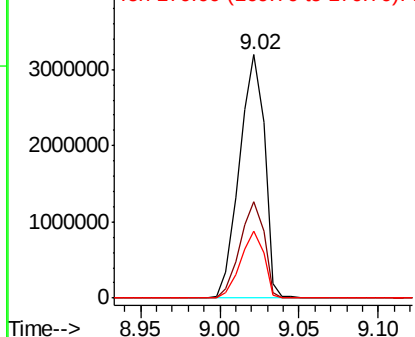


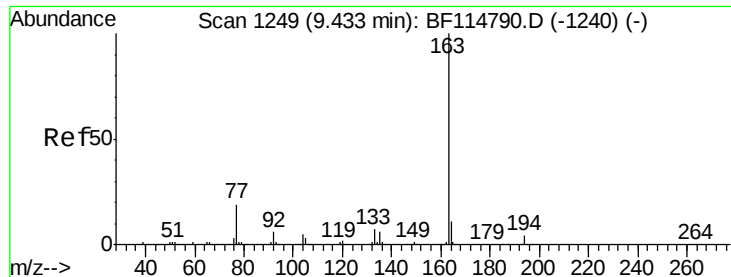
#45
 2-Fluorobiphenyl
 Concen: 92.668 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114811.D
 Acq: 5 Jun 2019 10:52

Tgt Ion:172 Resp: 3502634
 Ion Ratio Lower Upper
 172 100
 171 39.8 32.3 48.5
 170 27.3 22.4 33.6



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: 3.900 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.26 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

Instrument :

BNA_F

ClientSampleId :

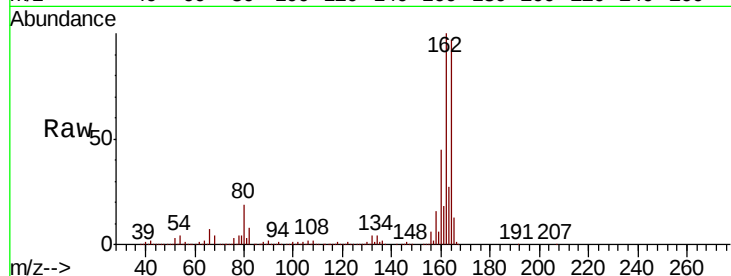
Tot Ion:163 Resp: 201684

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

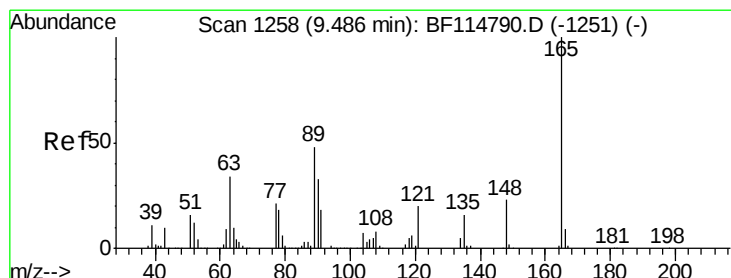
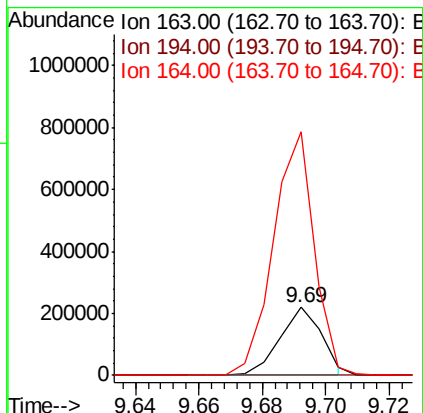
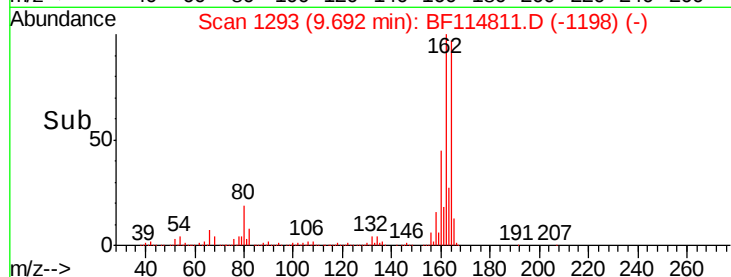
164 358.4 8.6 13.0#



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: 7.535 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.21 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

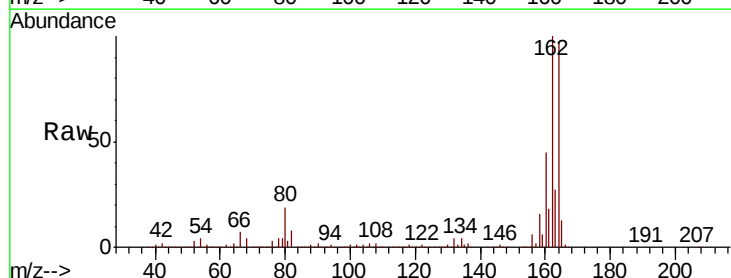
Tgt Ion:165 Resp: 91642

Ion Ratio Lower Upper

165 100

63 1.2 35.1 52.7#

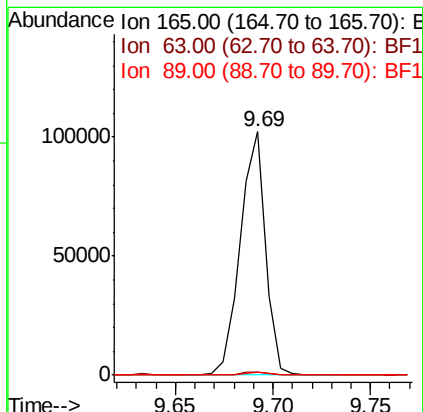
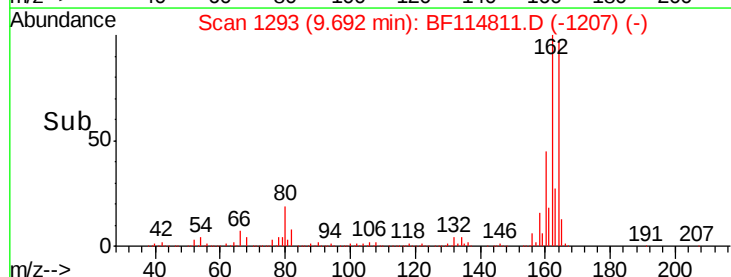
89 1.2 38.2 57.2#

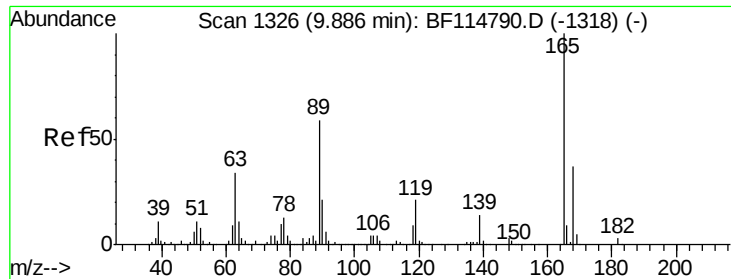


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

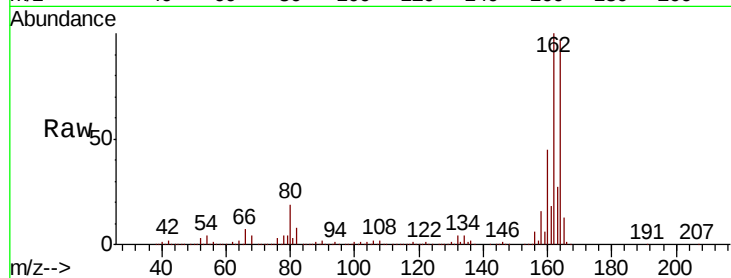




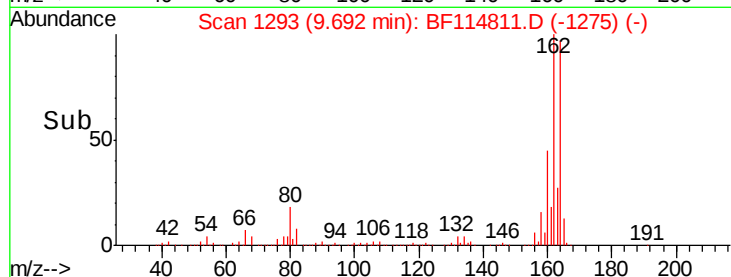
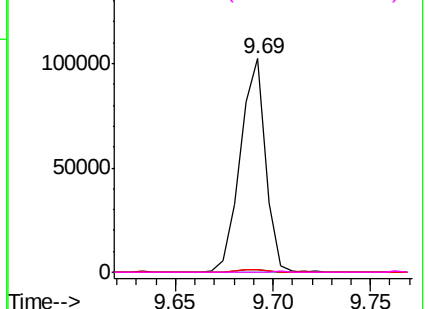
#57
2,4-Dinitrotoluene
Concen: 5.994 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.19 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 91642
Ion Ratio Lower Upper
165 100
63 1.2 27.0 40.4#
89 1.2 47.0 70.6#
182 0.0 2.2 3.2#

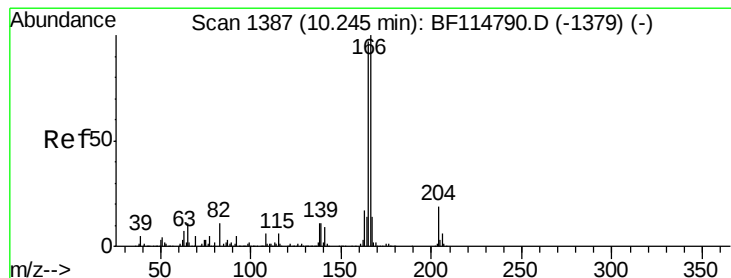


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

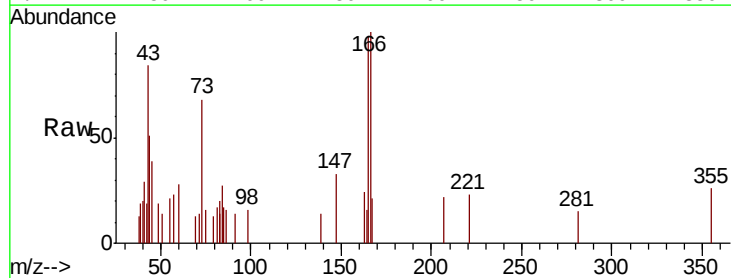
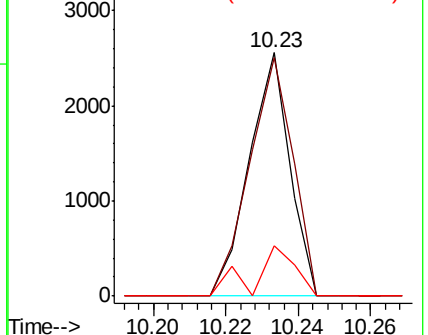


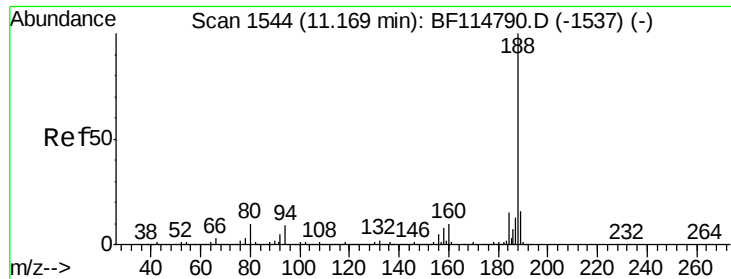
#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Tgt Ion:166 Resp: 2013
Ion Ratio Lower Upper
166 100
165 98.0 77.9 116.9
167 20.6 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

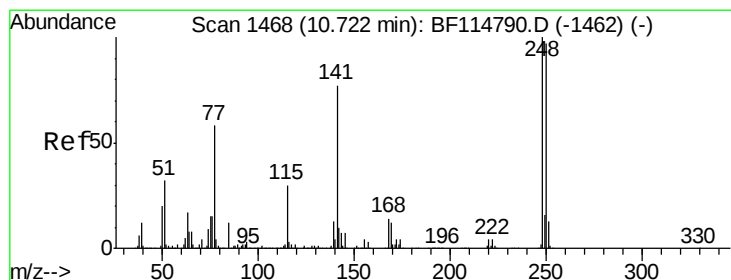
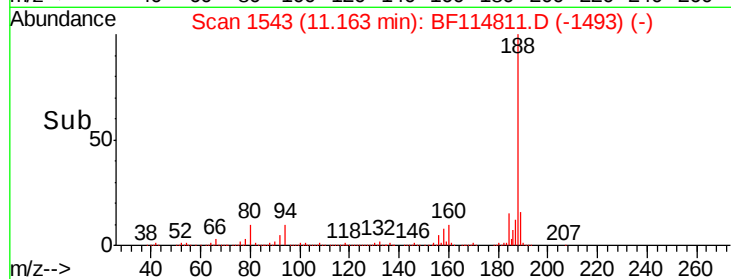
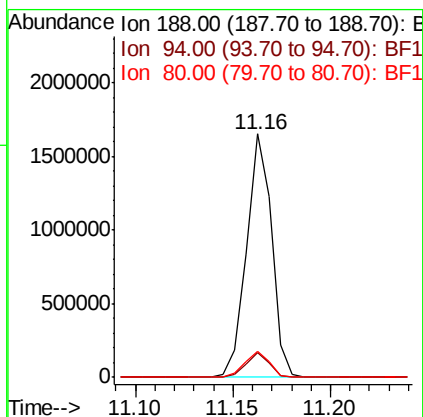
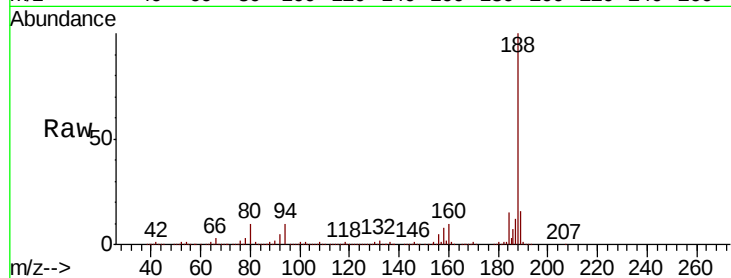




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

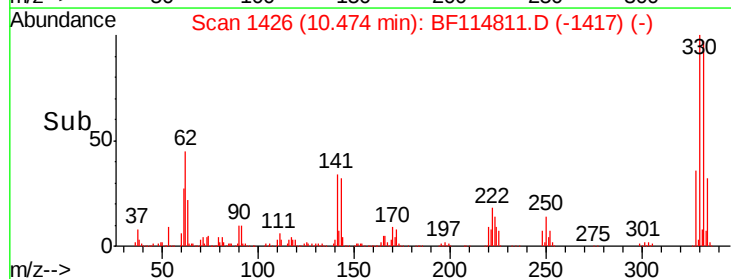
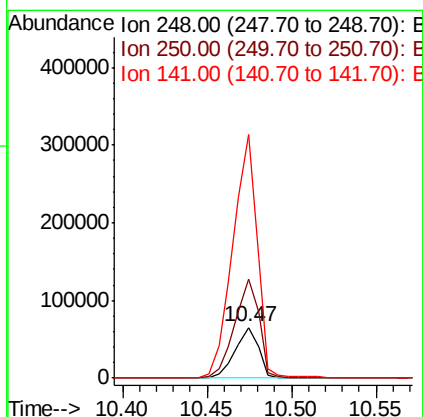
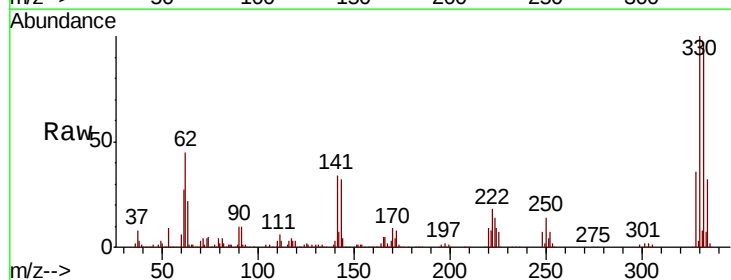
Instrument :
BNA_F
ClientSampleId :

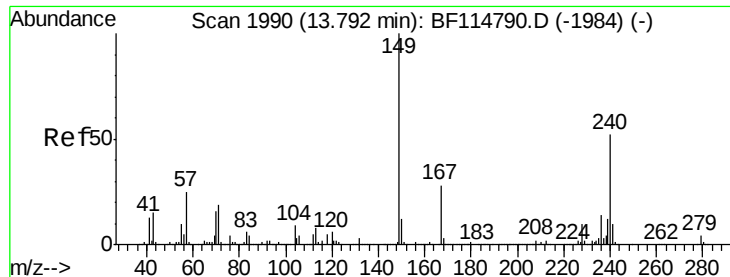
Tot Ion:188 Resp: 1477078
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.798 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.25 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Tgt Ion:248 Resp: 63714
Ion Ratio Lower Upper
248 100
250 196.2 77.5 116.3#
141 483.7 61.8 92.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

Instrument :

BNA_F

ClientSampleId :

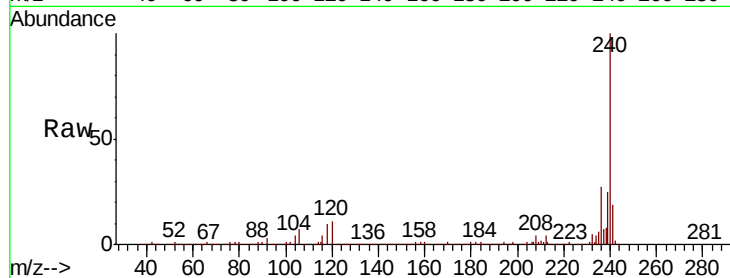
Tot Ion:240 Resp: 1264197

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

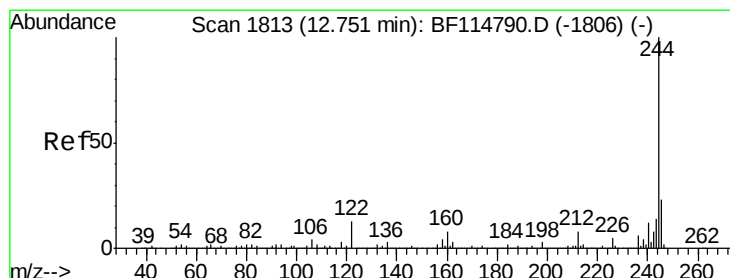
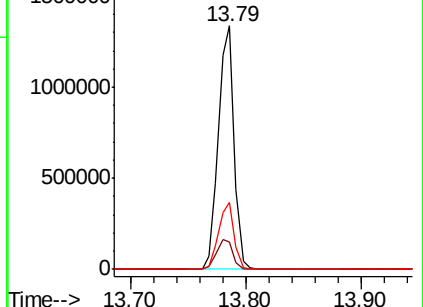
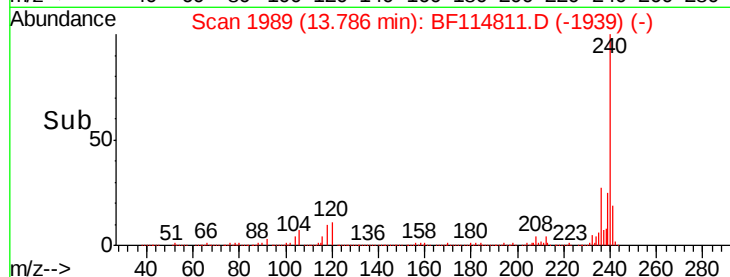
236 27.4 21.4 32.0



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: 65.421 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF114811.D

Acq: 5 Jun 2019 10:52

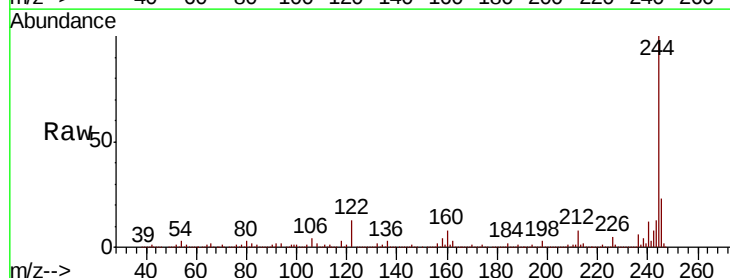
Tgt Ion:244 Resp: 4252691

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

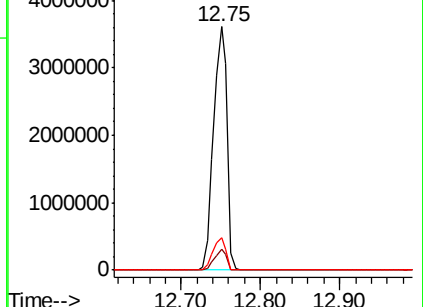
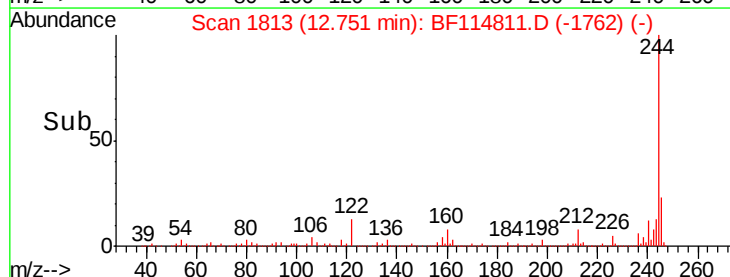
122 13.4 10.5 15.7

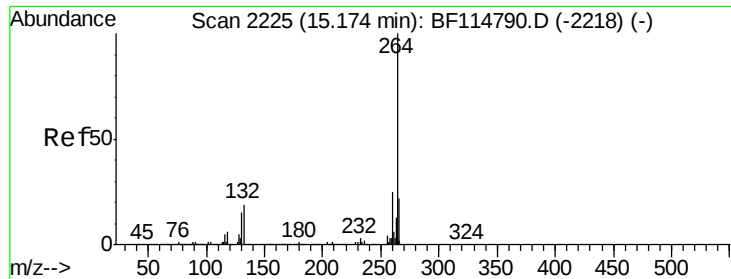


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114811.D
Acq: 5 Jun 2019 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1267656

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	21.8	17.7	26.5

