

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112680.D
 Acq On : 22 Feb 2019 22:28
 Operator : JU/SJ
 Sample : K1570-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25-25RE

Quant Time: Feb 22 22:56:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

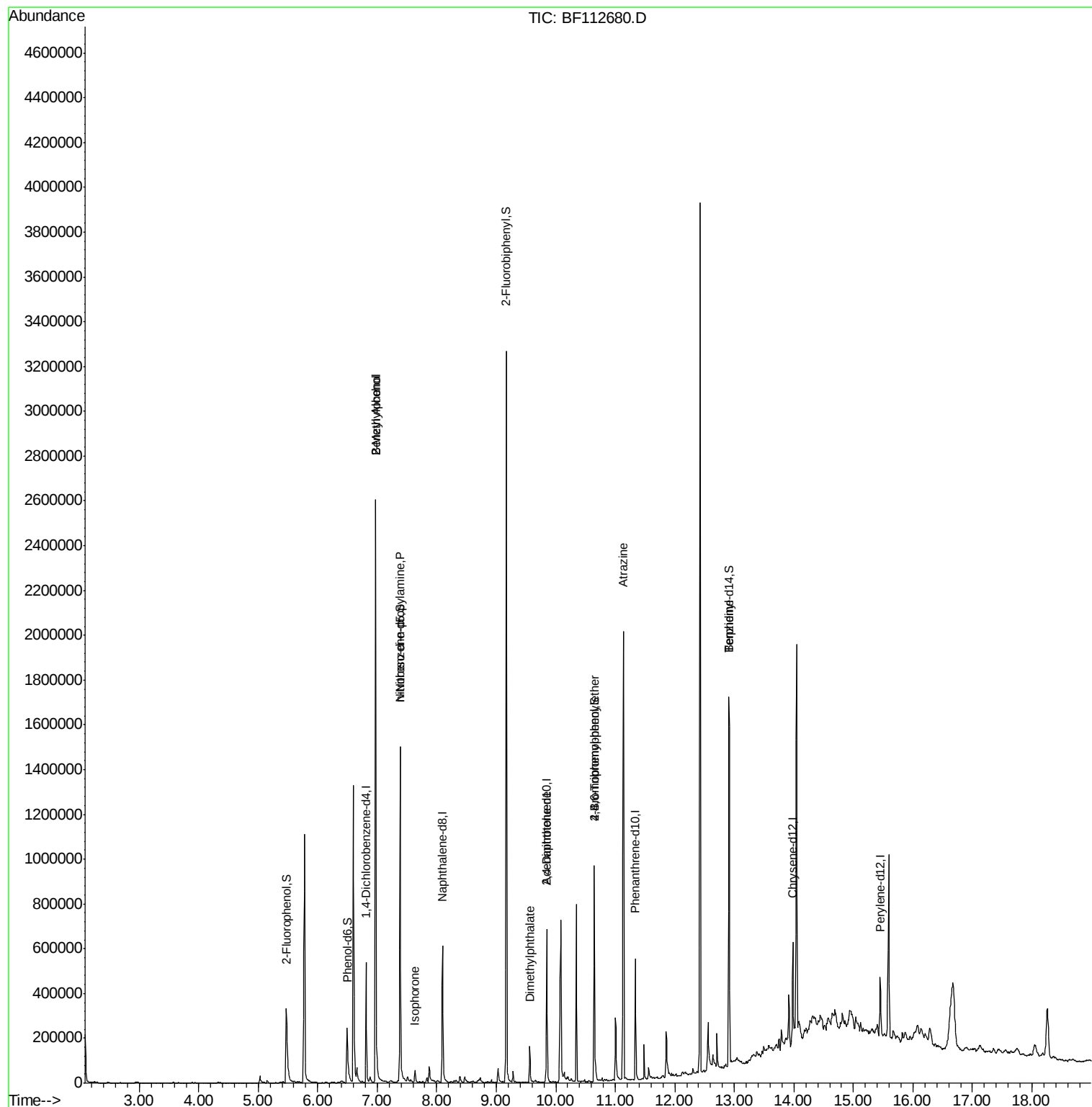
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82590	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	304905	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	132637	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	194523	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	149573	20.00	ng	-0.03
87) Perylene-d12	15.45	264	143187	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	180307	46.37	ng	0.00
7) Phenol-d6	6.49	99	129352	23.94	ng	0.00
23) Nitrobenzene-d5	7.39	82	528841	99.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	130014	84.21	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1022048	108.98	ng	-0.04
79) Terphenyl-d14	12.91	244	544784	68.60	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	158511	34.802	ng	Qvalue 92
17) 2-Methylphenol	6.97	107	76939	18.555	ng	# 1
19) n-Nitroso-di-n-propylamine	7.39	70	72597	19.486	ng	# 76
25) Isophorone	7.63	82	20295	2.445	ng	# 96
50) Dimethylphthalate	9.56	163	63292	6.142	ng	98
57) 2,4-Dinitrotoluene	9.85	165	16959	5.772	ng	# 33
67) 4-Bromophenyl-phenylether	10.65	248	7305	3.193	ng	# 1
69) Atrazine	11.14	200	7627	3.605	ng	# 38
77) Benzidine	12.91	184	8298	2.016	ng	95

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

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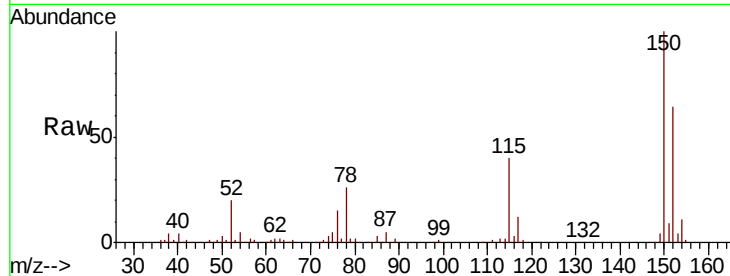


#1

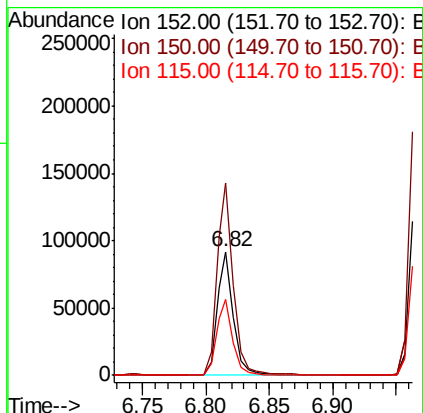
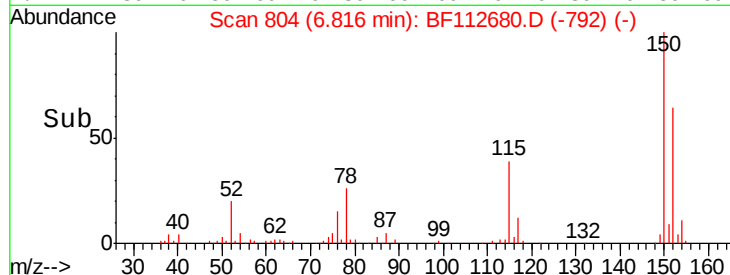
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112680.D
 Acq: 22 Feb 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 25-25RE

Tgt Ion:152 Resp: 82590
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.0
 115 61.5 45.5 68.3



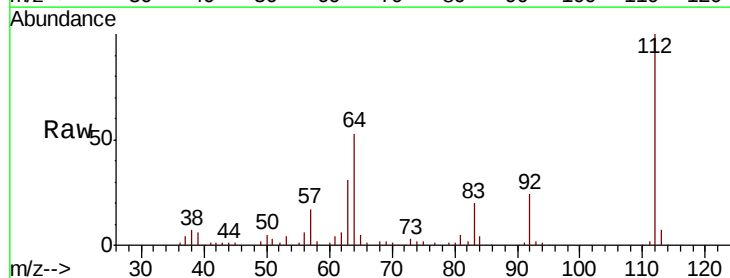
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



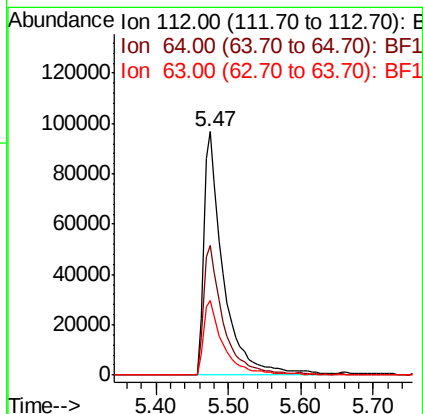
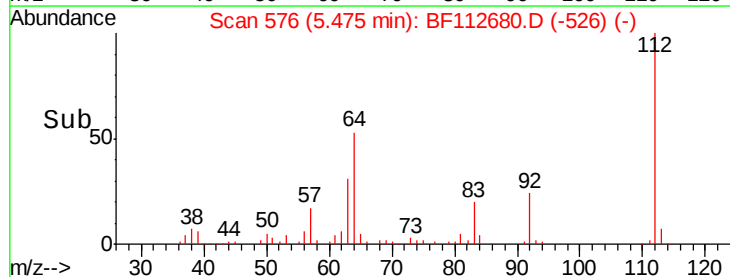
#5

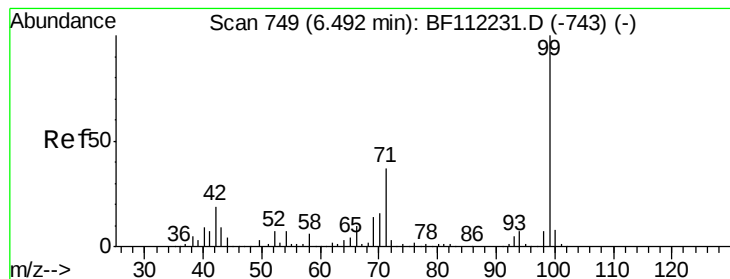
2-Fluorophenol
 Concen: 46.372 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112680.D
 Acq: 22 Feb 2019 22:28

Tgt Ion:112 Resp: 180307
 Ion Ratio Lower Upper
 112 100
 64 53.4 45.7 68.5
 63 30.6 23.6 35.4



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: 23.941 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

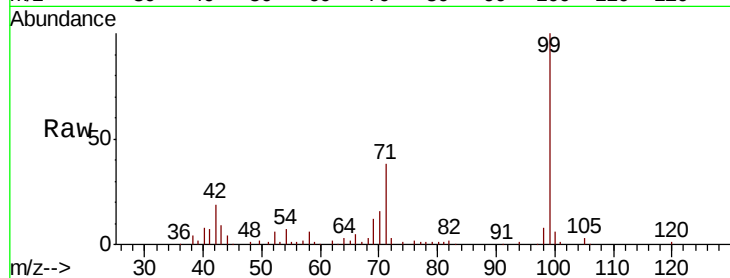
Tgt Ion: 99 Resp: 129352

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

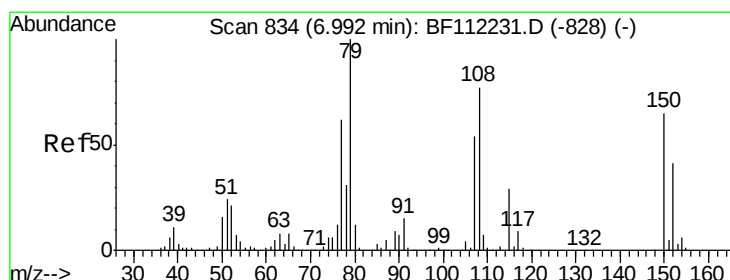
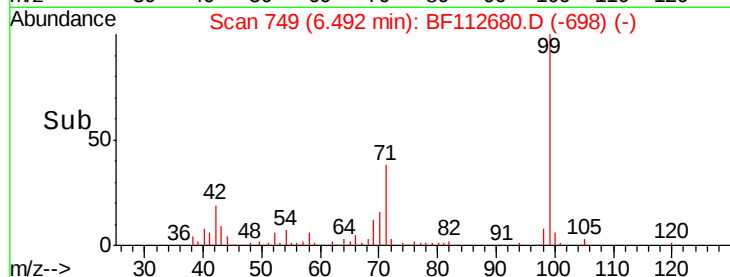
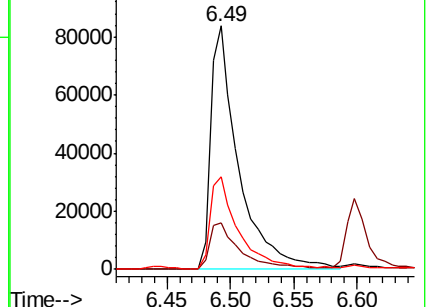
71 38.2 26.9 40.3



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



#15

Benzyl Alcohol

Concen: 34.802 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

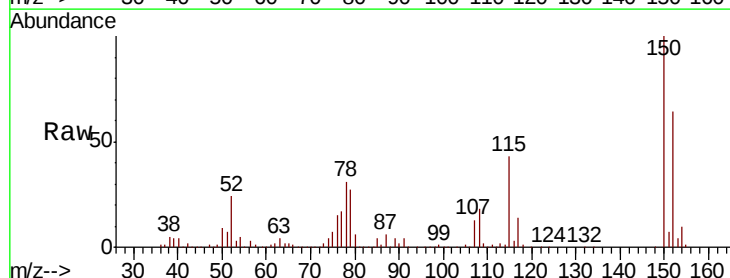
Tgt Ion: 79 Resp: 158511

Ion Ratio Lower Upper

79 100

108 68.0 64.2 96.2

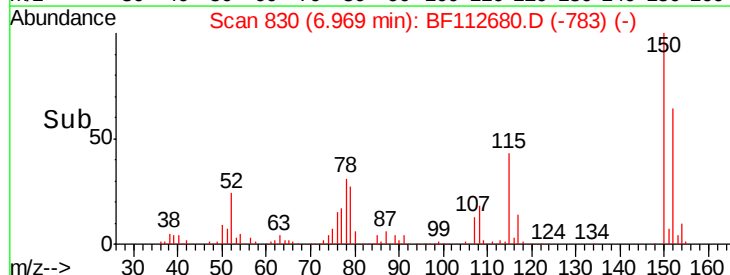
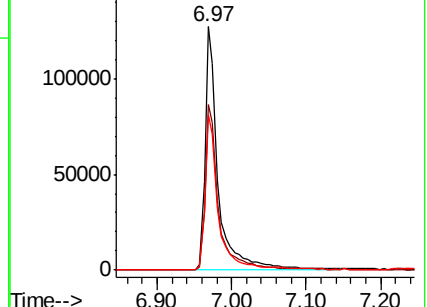
77 64.0 50.3 75.5

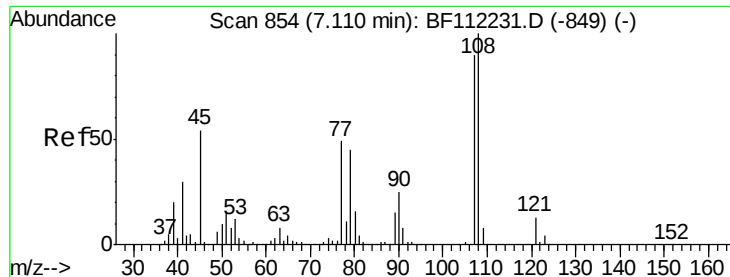


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 18.555 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.14 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

Tgt Ion: 107 Resp: 76939

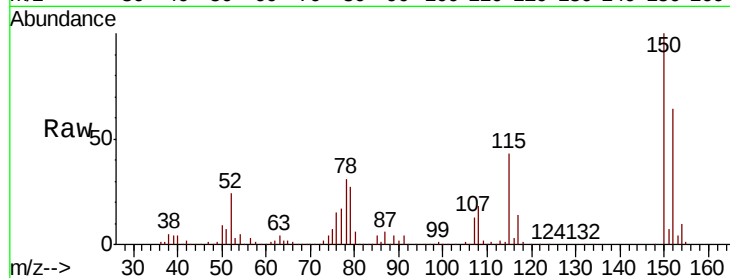
Ion Ratio Lower Upper

107 100

108 145.0 91.3 136.9#

77 136.5 39.0 58.6#

79 213.3 37.0 55.4#

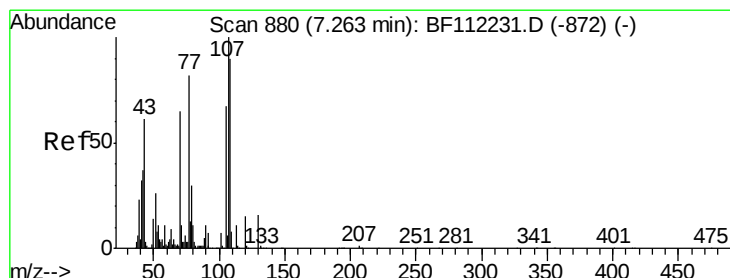
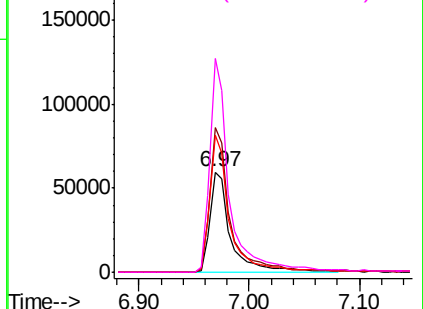
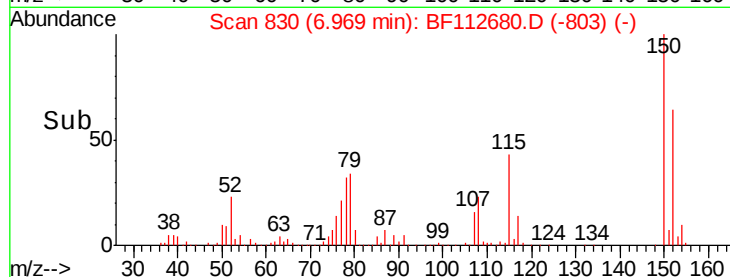


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 19.486 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Tgt Ion: 70 Resp: 72597

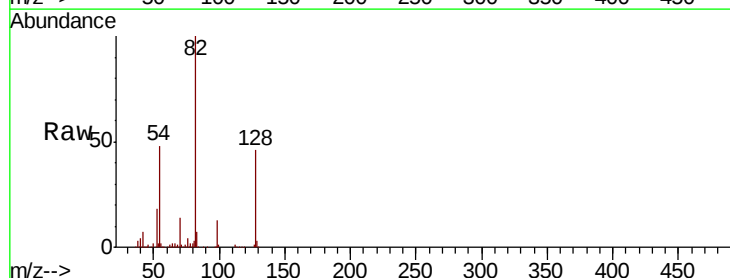
Ion Ratio Lower Upper

70 100

42 47.5 47.6 71.4#

101 0.0 7.9 11.9#

130 1.7 18.4 27.6#

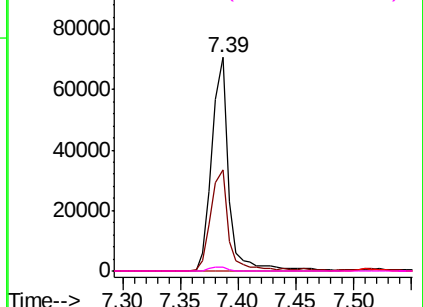
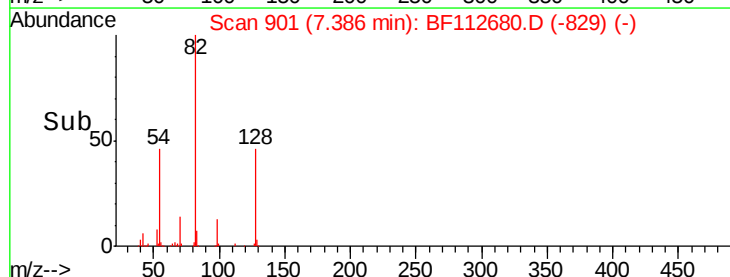


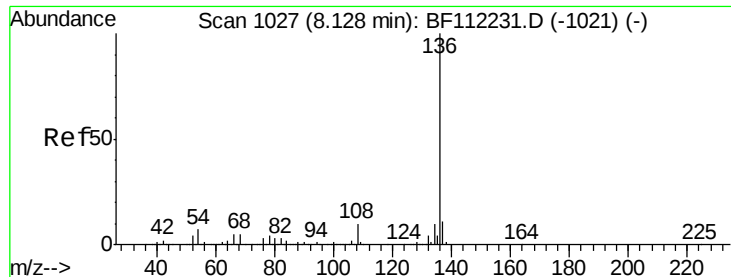
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

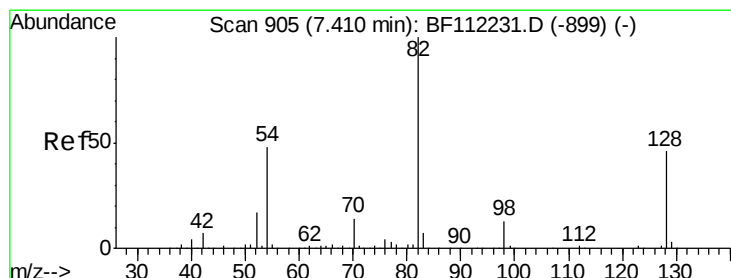
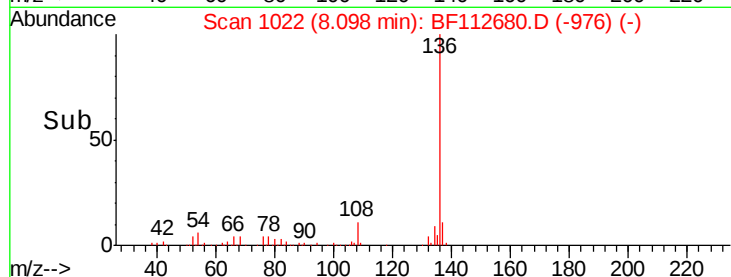
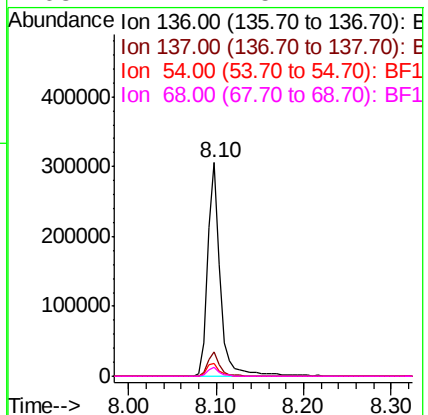
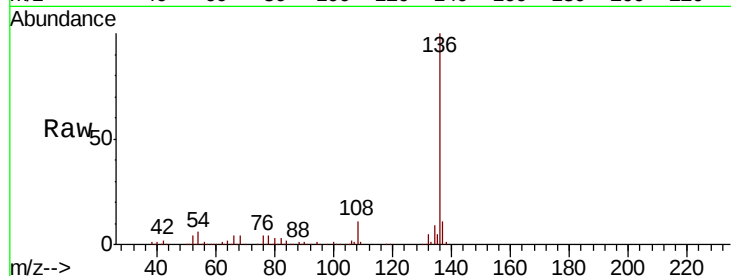




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

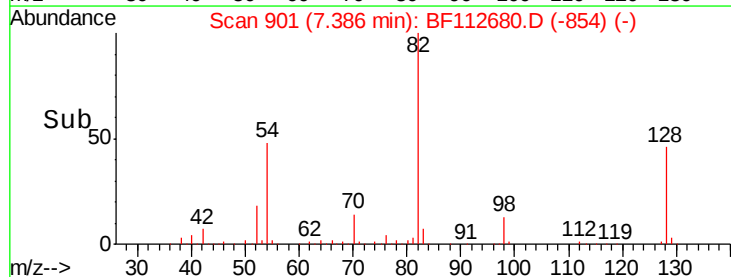
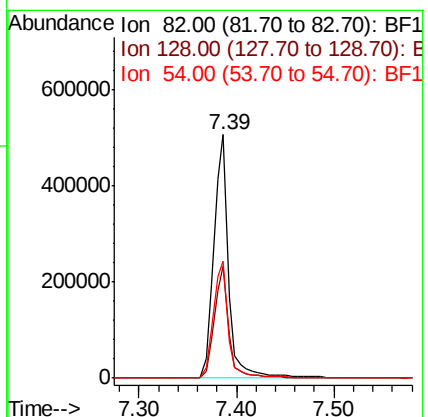
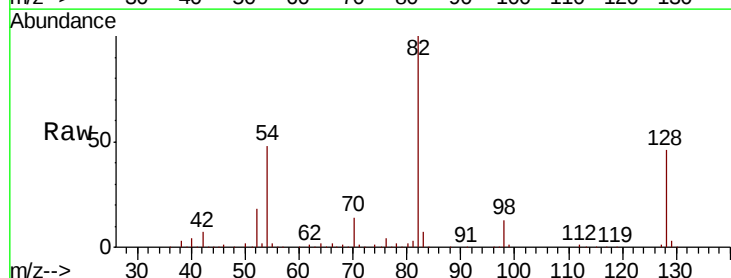
Instrument :
BNA_F
ClientSampleId :
25-25RE

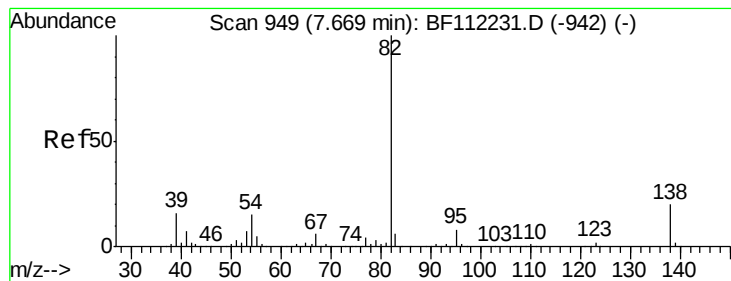
Tgt Ion:	136	Resp:	304905
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.0	5.9	8.9
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 99.938 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:	82	Resp:	528841
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.2	39.7	59.5





#25

Isophorone

Concen: 2.445 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

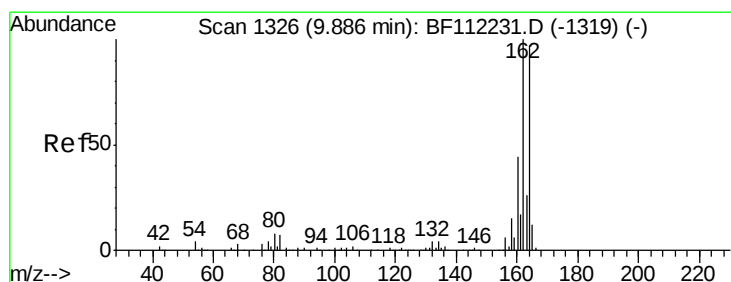
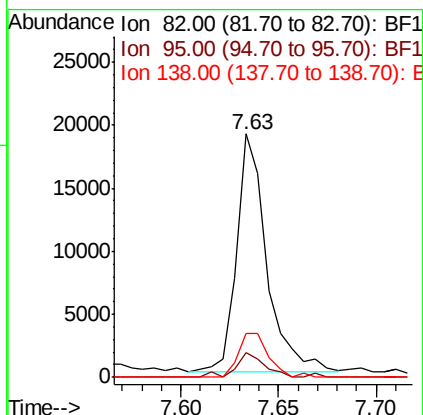
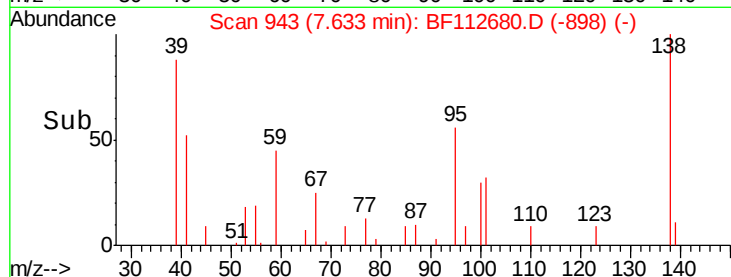
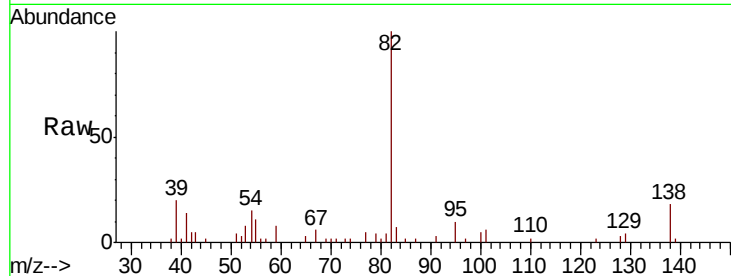
Tgt Ion: 82 Resp: 20295

Ion Ratio Lower Upper

82 100

95 10.2 5.7 8.5#

138 18.1 15.4 23.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

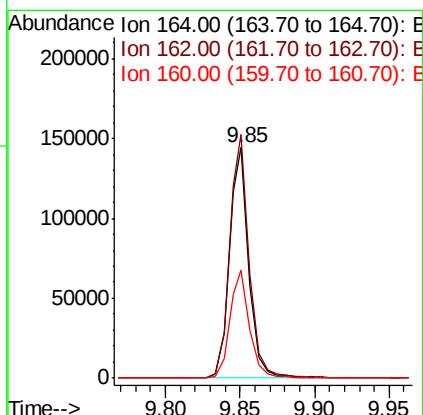
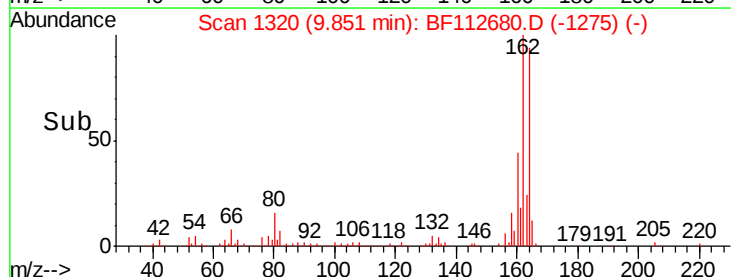
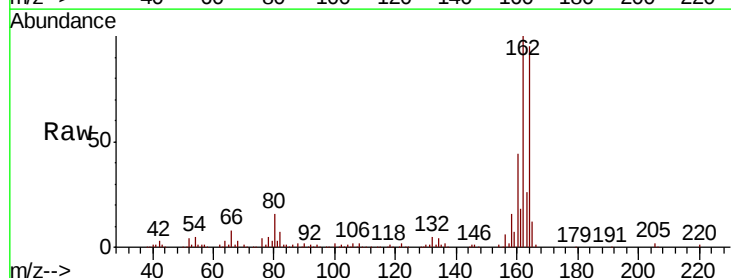
Tgt Ion: 164 Resp: 132637

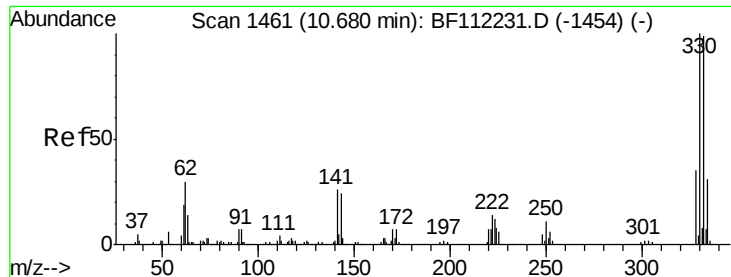
Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.4

160 46.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.214 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

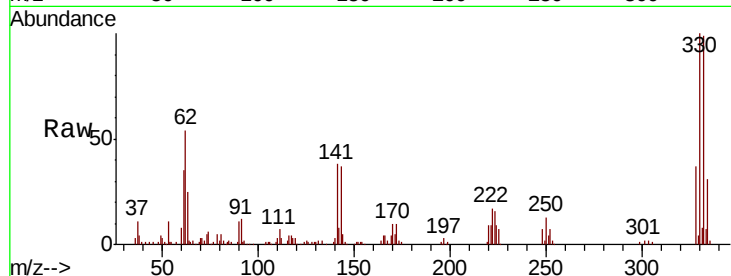
Tgt Ion:330 Resp: 130014

Ion Ratio Lower Upper

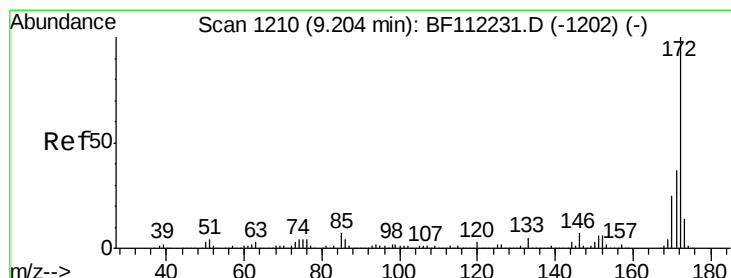
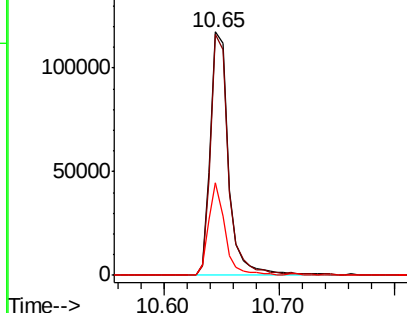
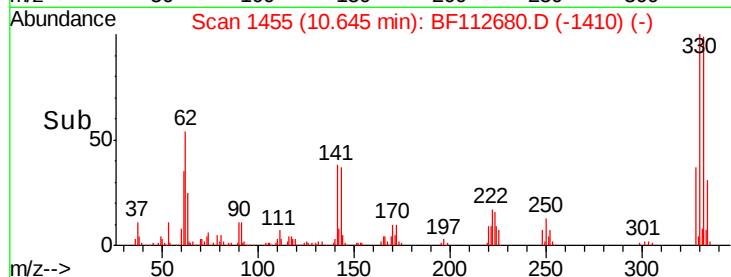
330 100

332 96.5 76.6 114.8

141 34.3 24.3 36.5



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: 108.983 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

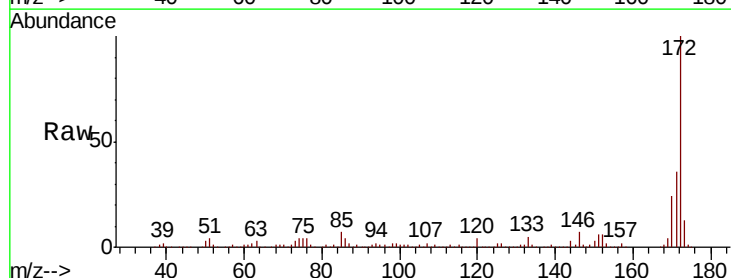
Tgt Ion:172 Resp: 1022048

Ion Ratio Lower Upper

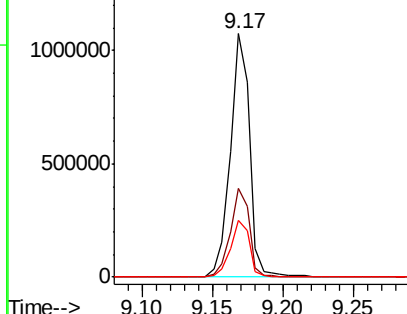
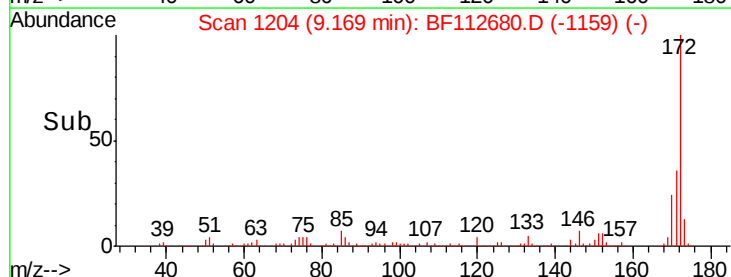
172 100

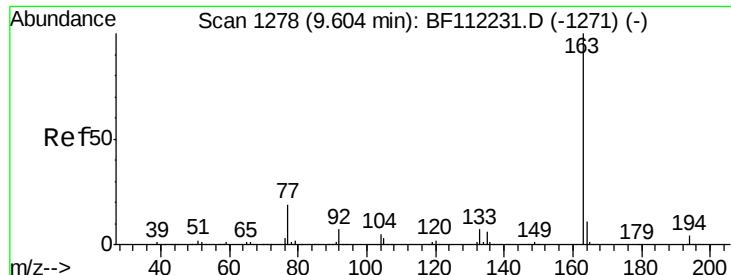
171 36.4 30.5 45.7

170 23.5 20.2 30.4



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

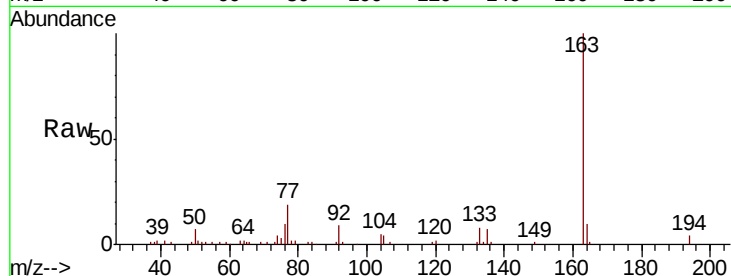




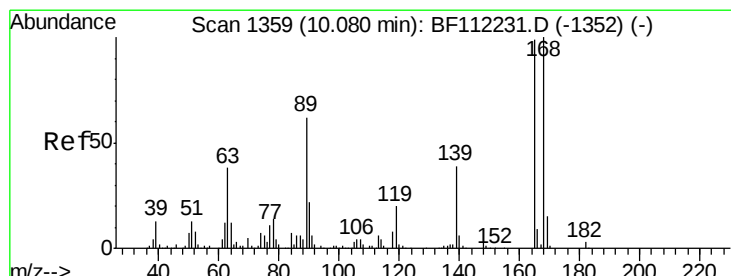
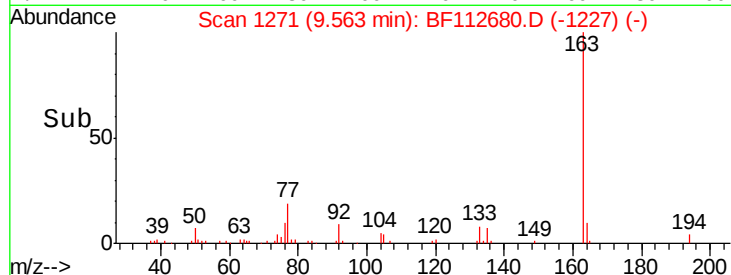
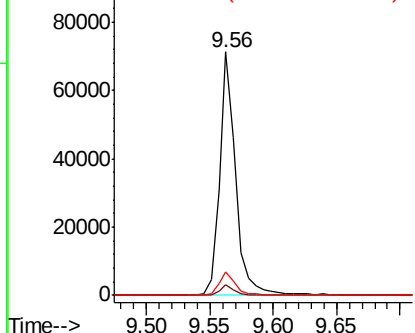
#50
Dimethylphthalate
Concen: 6.142 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:163 Resp: 63292
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.8 8.5 12.7

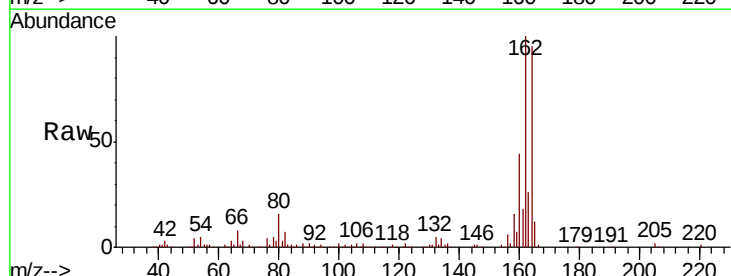


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

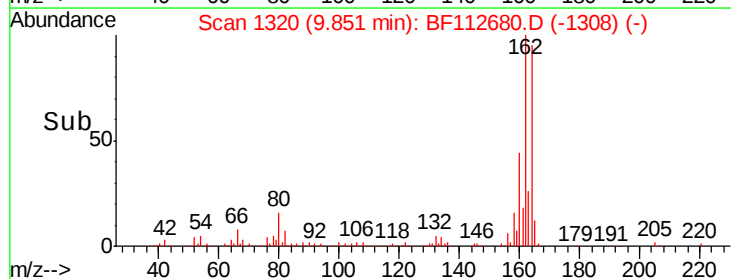
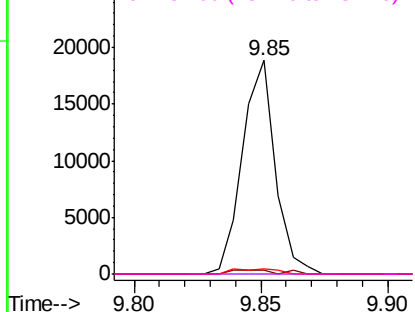


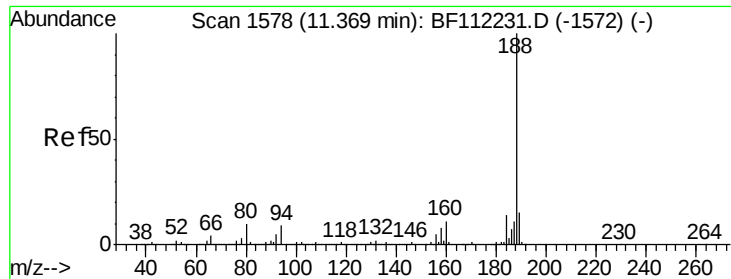
#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:165 Resp: 16959
Ion Ratio Lower Upper
165 100
63 1.9 27.9 41.9#
89 2.4 47.9 71.9#
182 0.0 2.2 3.4#



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

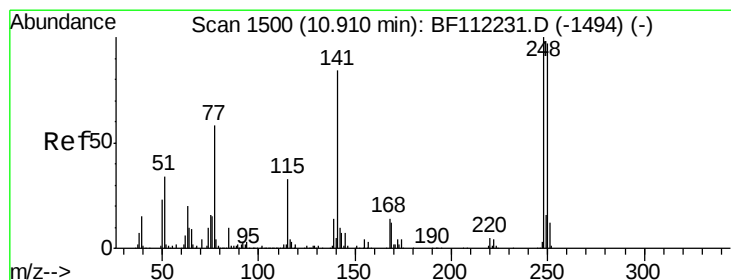
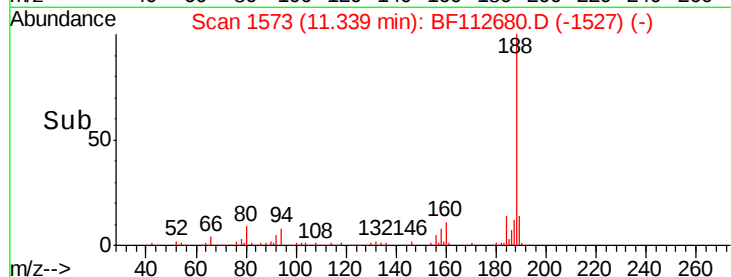
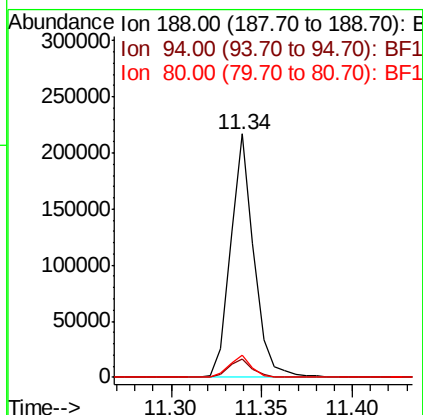
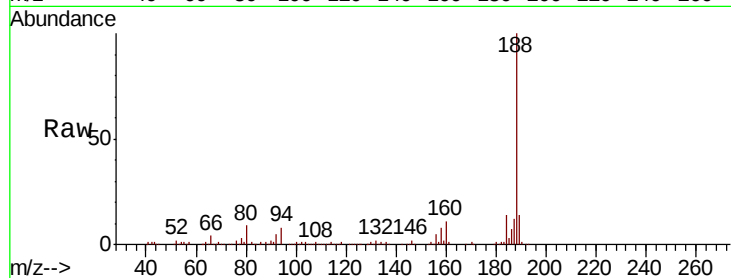




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112680.D
 Acq: 22 Feb 2019 22:28

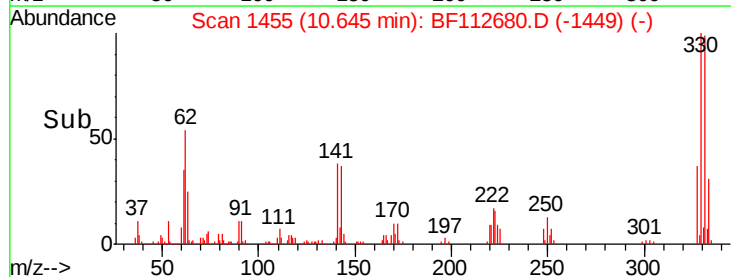
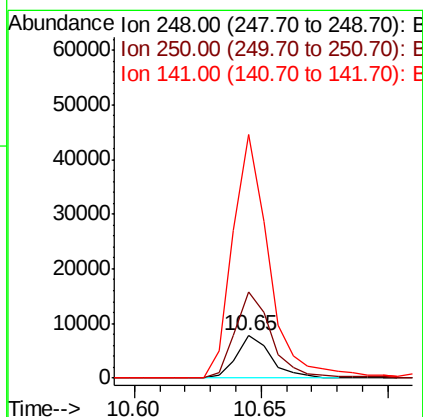
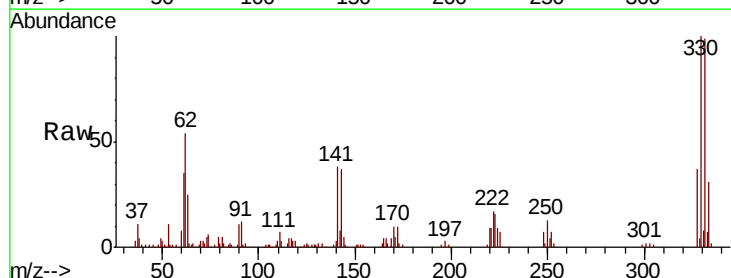
Instrument :
 BNA_F
 ClientSampled :
 25-25RE

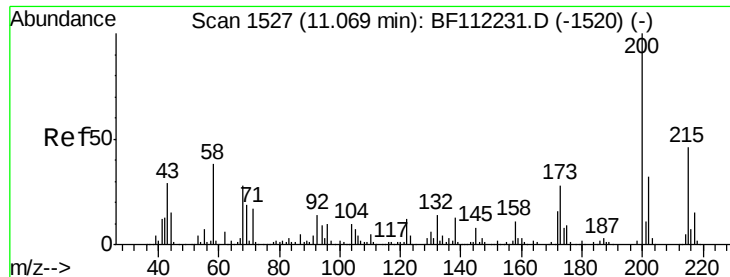
Tgt Ion:188 Resp: 194523
 Ion Ratio Lower Upper
 188 100
 94 7.6 8.2 12.2#
 80 9.1 8.9 13.3



#67
 4-Bromophenyl-phenylether
 Concen: 3.193 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF112680.D
 Acq: 22 Feb 2019 22:28

Tgt Ion:248 Resp: 7305
 Ion Ratio Lower Upper
 248 100
 250 204.5 79.7 119.5#
 141 577.0 60.3 90.5#





#69

Atrazine

Concen: 3.605 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.07 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

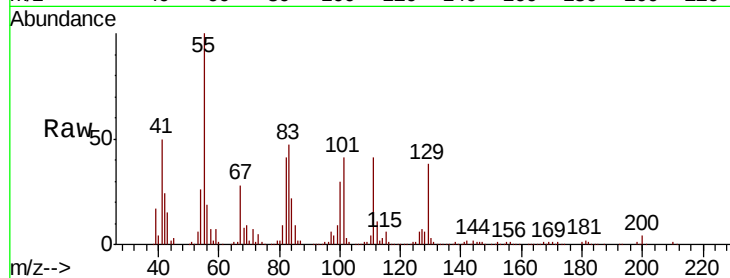
Tgt Ion:200 Resp: 7627

Ion Ratio Lower Upper

200 100

173 5.6 7.1 47.1#

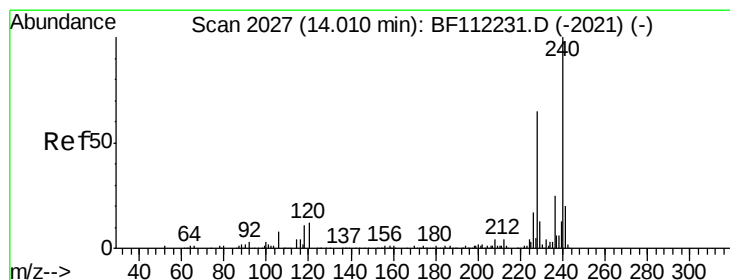
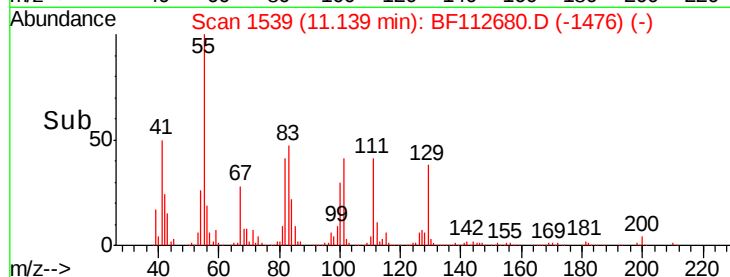
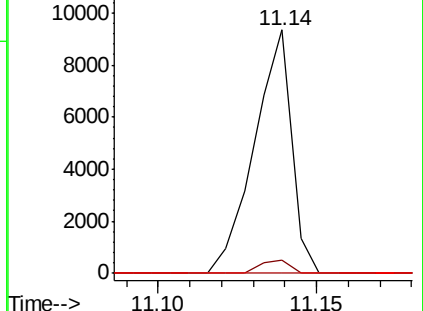
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

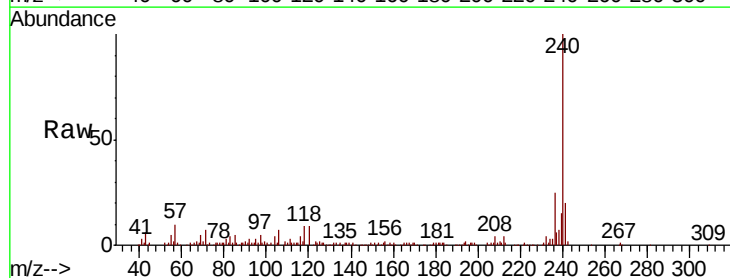
Tgt Ion:240 Resp: 149573

Ion Ratio Lower Upper

240 100

120 9.1 9.0 13.6

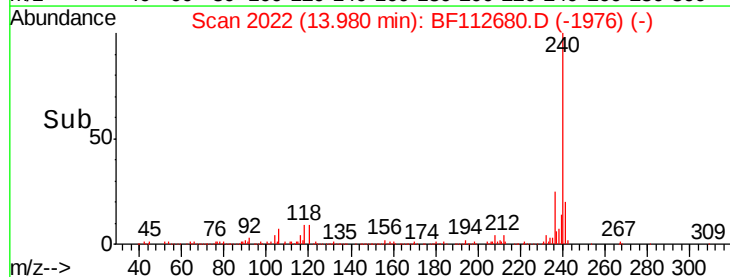
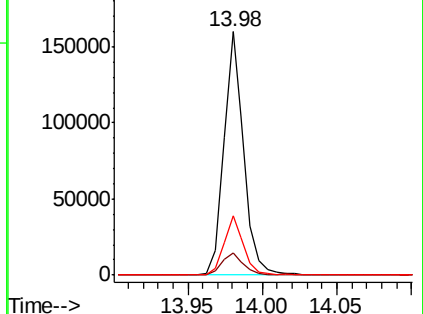
236 24.6 20.7 31.1

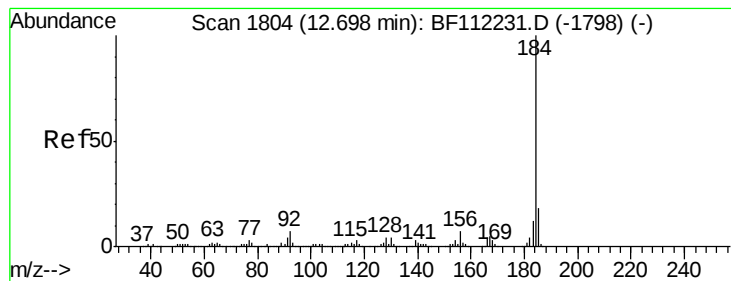


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.016 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.21 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

ClientSampleId :

25-25RE

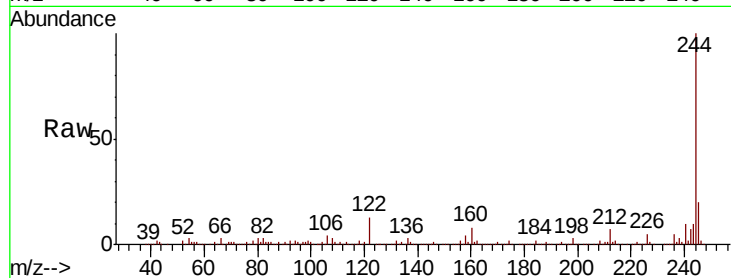
Tgt Ion:184 Resp: 8298

Ion Ratio Lower Upper

184 100

185 15.8 13.9 20.9

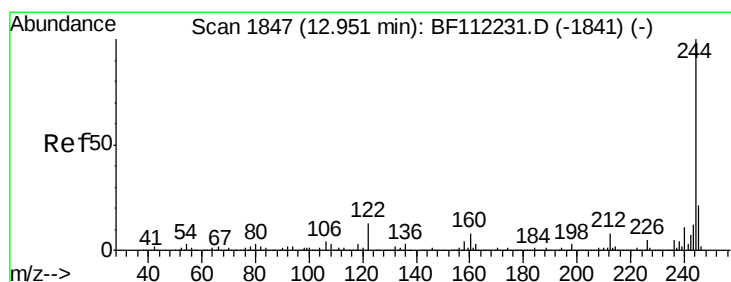
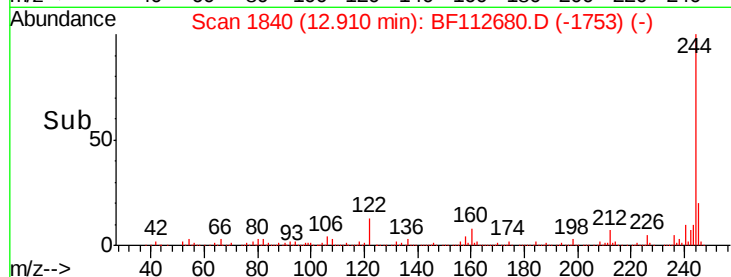
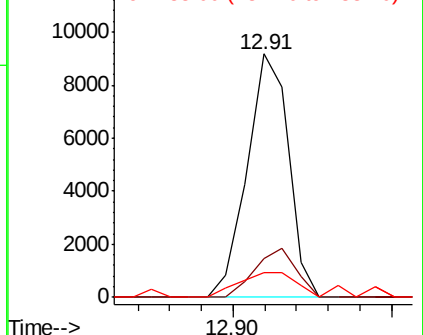
183 10.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 68.600 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

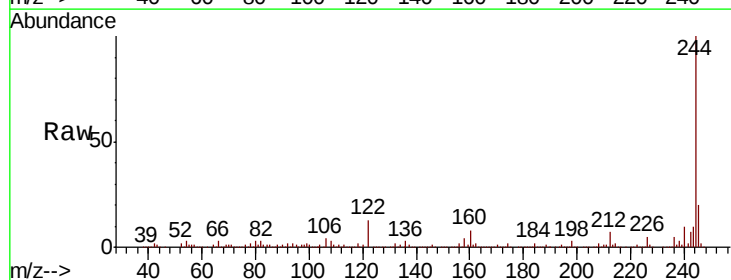
Tgt Ion:244 Resp: 544784

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

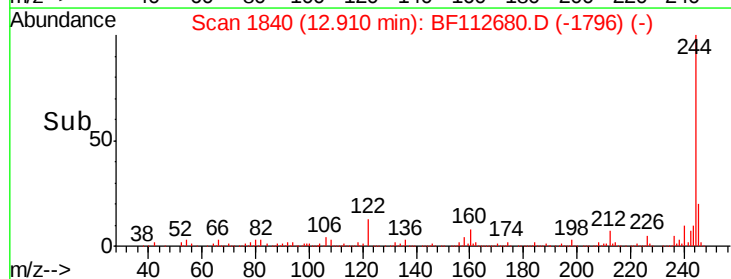
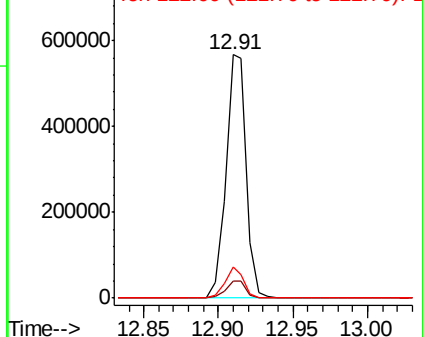
122 12.9 9.8 14.6

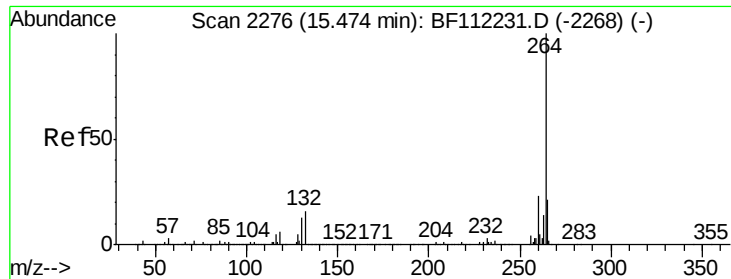


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

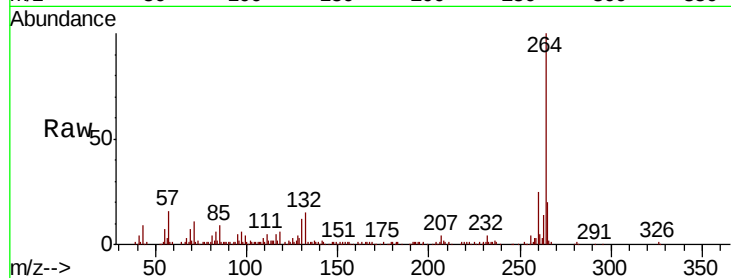




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	20.4	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

