

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118755.D
 Acq On : 30 Jan 2020 17:03
 Operator : CG/JU
 Sample : L1285-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:08:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

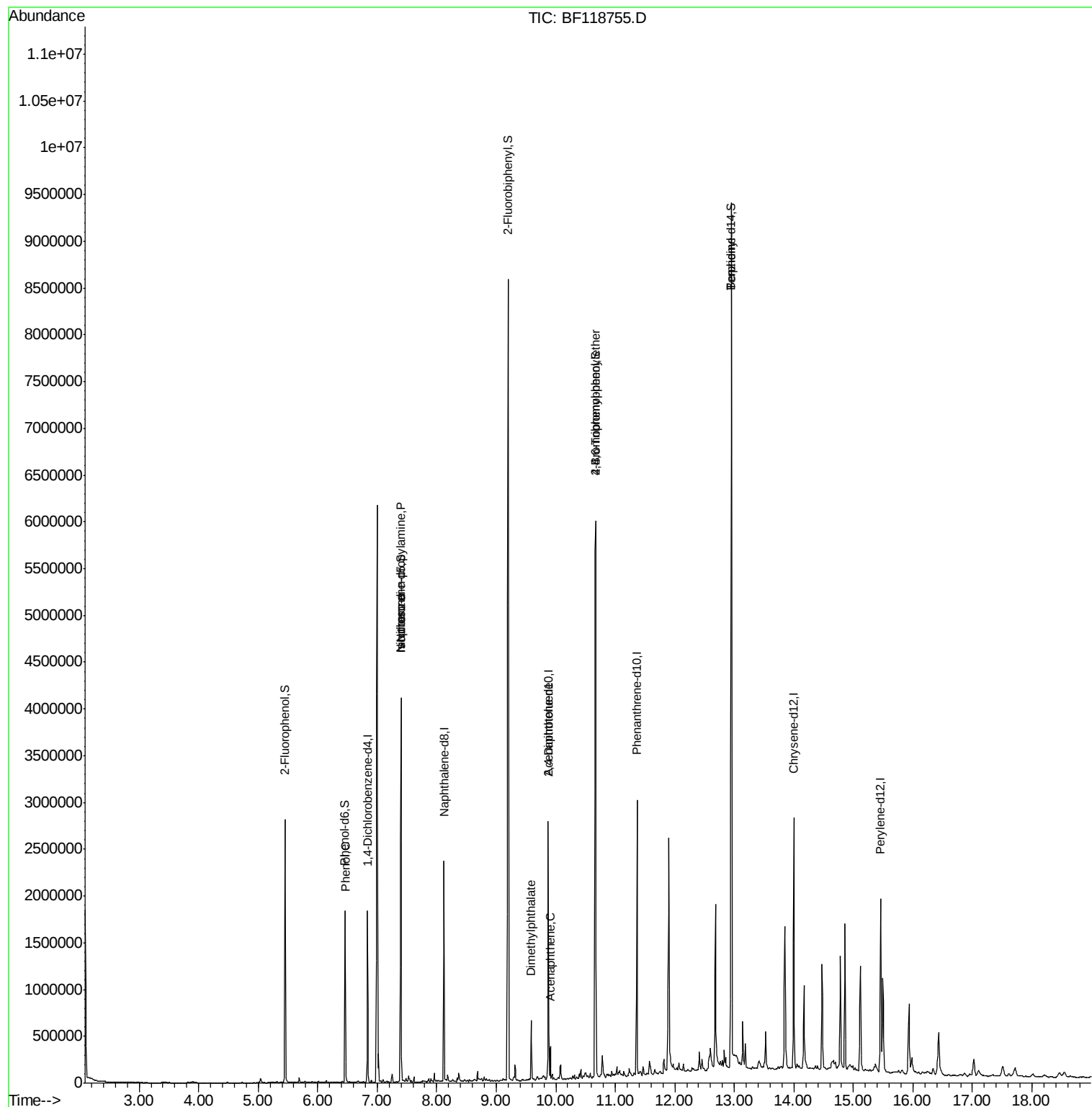
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	260441	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	990959	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	565190	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1094097	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	896301	20.00	ng	-0.02
87) Perylene-d12	15.46	264	880142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	826117	58.91	ng	-0.03
7) Phenol-d6	6.46	99	624251	34.25	ng	-0.04
23) Nitrobenzene-d5	7.40	82	1434952	80.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	887895	135.82	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2847909	82.82	ng	-0.02
79) Terphenyl-d14	12.95	244	3625905	88.23	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	64745	3.117	ng	98
19) n-Nitroso-di-n-propylamine	7.40	70	196293	15.950	ng	# 77
25) Isophorone	7.40	82	1431458	44.298	ng	# 63
50) Dimethylphthalate	9.59	163	238002	6.463	ng	100
52) Acenaphthene	9.91	154	74485	2.412	ng	99
57) 2,4-Dinitrotoluene	9.87	165	73145	7.037	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	58298	4.313	ng	# 1
77) Benzidine	12.95	184	49831	2.081	ng	# 92

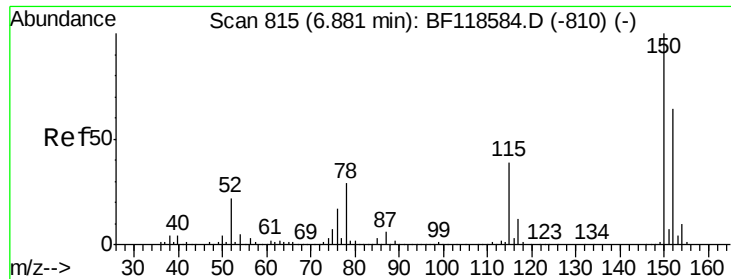
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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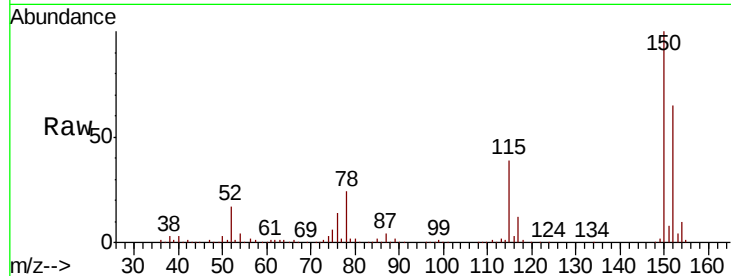


#1

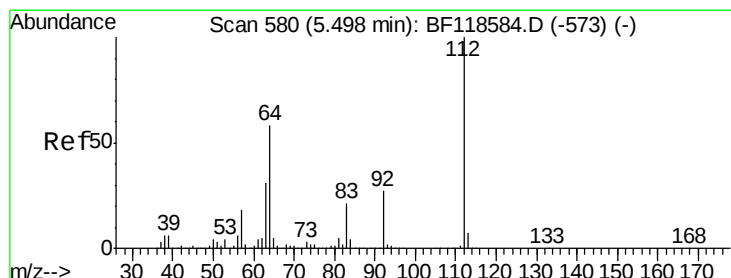
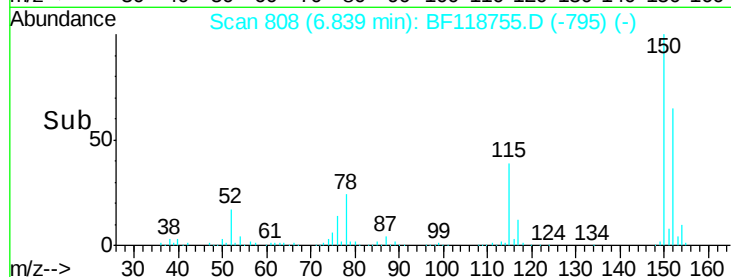
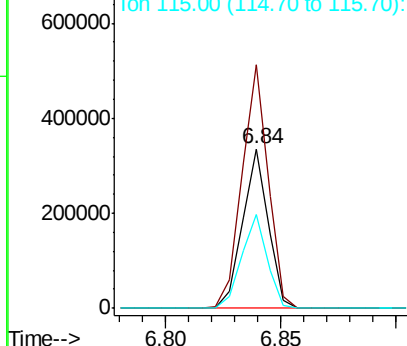
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 260441
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 58.9 45.1 67.7



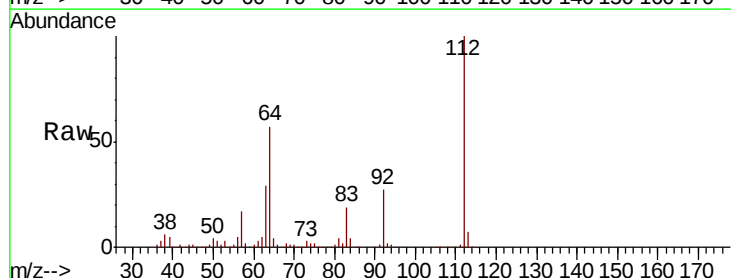
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



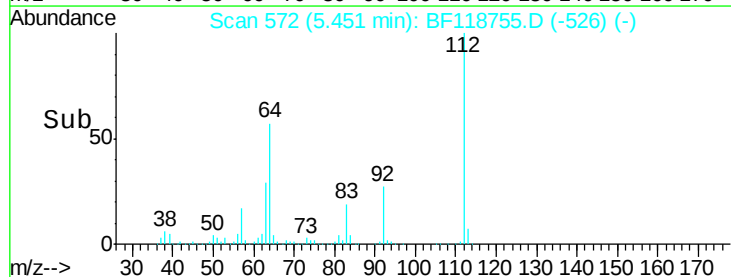
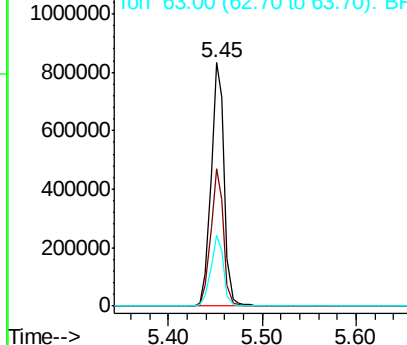
#5

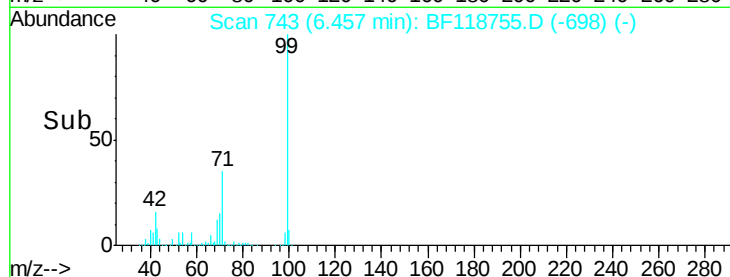
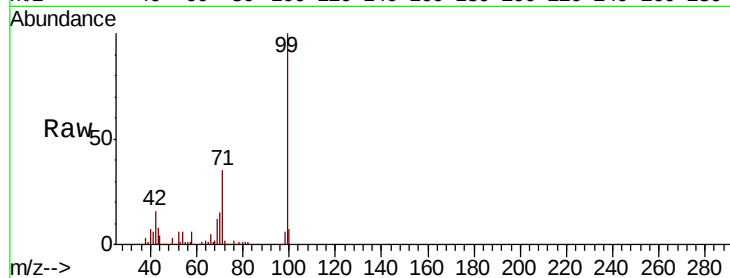
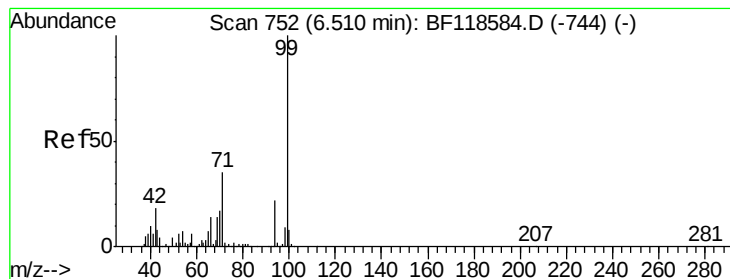
2-Fluorophenol
Concen: 58.912 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:112 Resp: 826117
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 29.1 21.7 32.5



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: 34.250 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

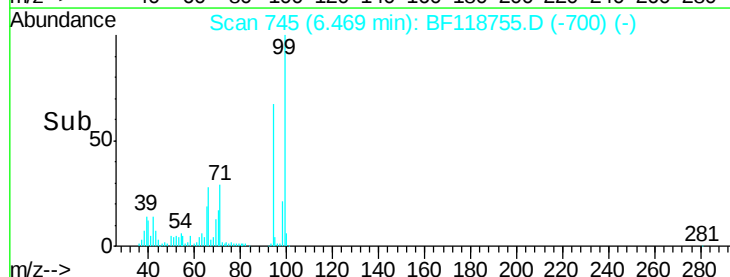
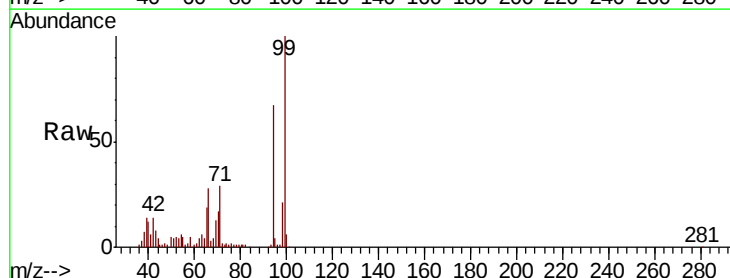
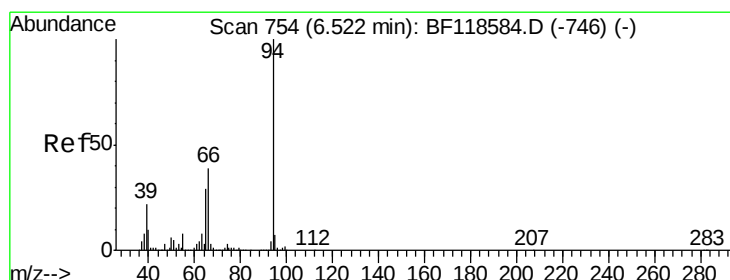
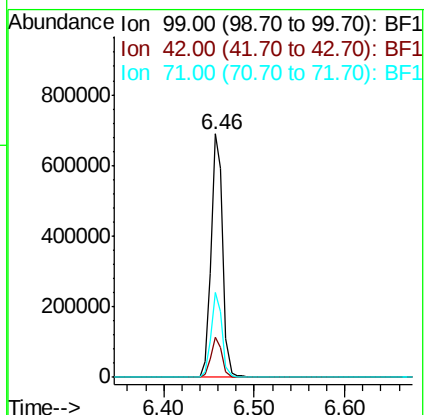
Tot Ion: 99 Resp: 624251

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 34.7 28.4 42.6



#10

Phenol

Concen: 3.117 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

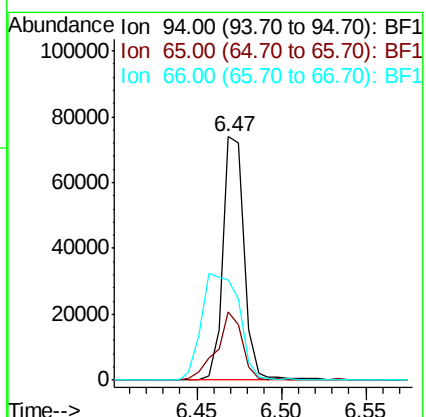
Tgt Ion: 94 Resp: 64745

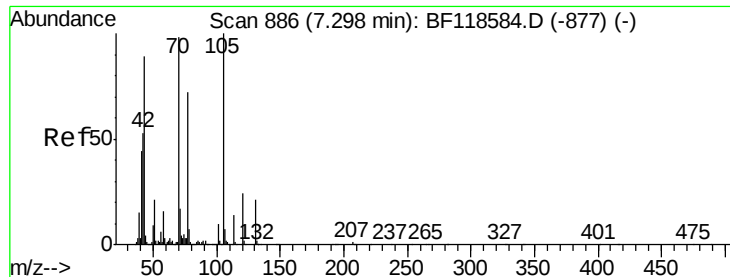
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 41.4 19.1 59.1

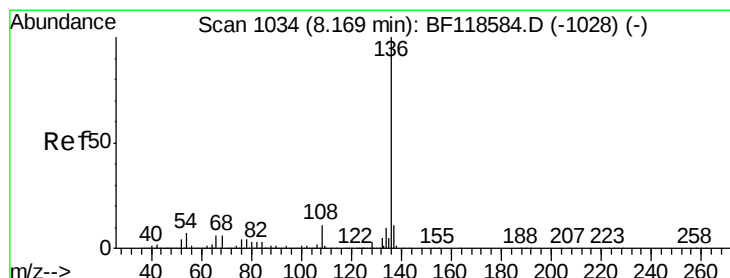
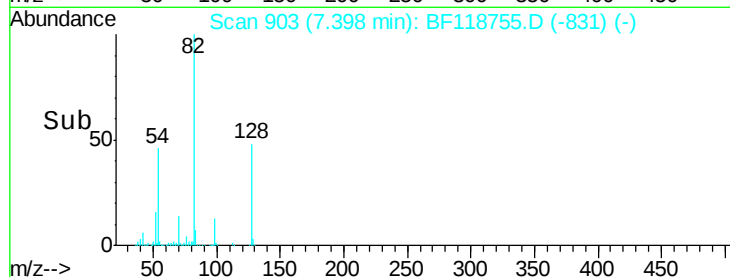
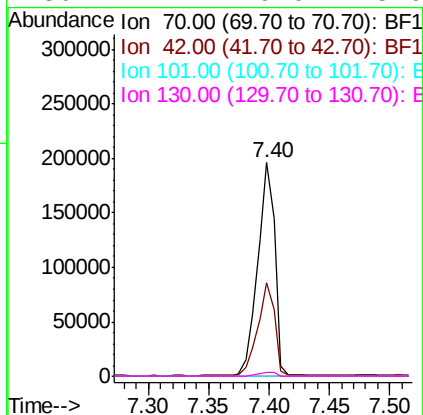
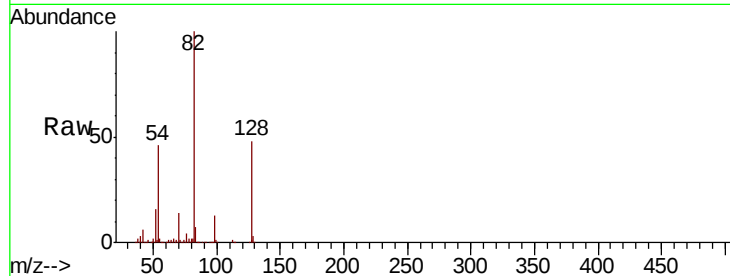




#19
n-Nitroso-di-n-propylamine
Concen: 15.950 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

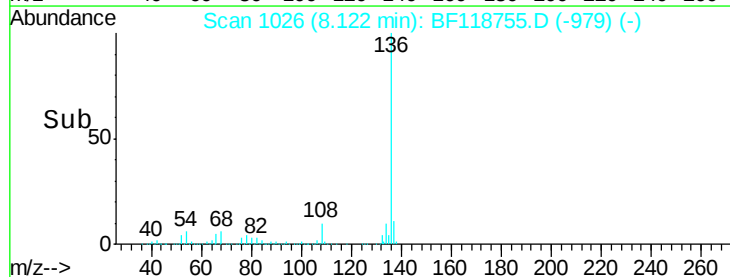
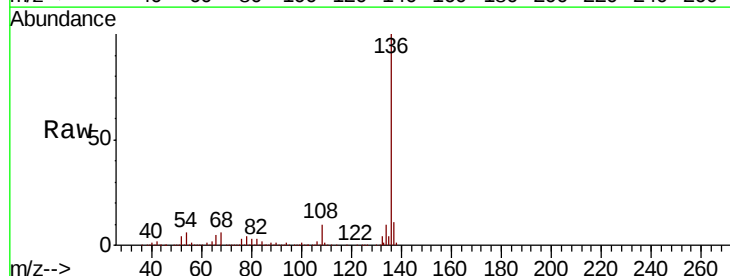
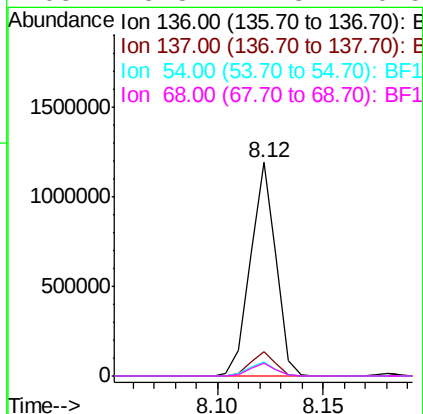
Instrument :
BNA_F
ClientSampleId :

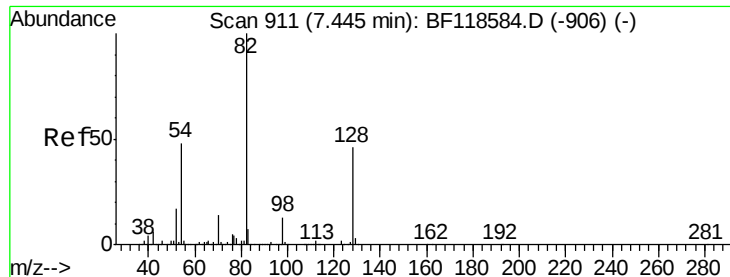
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	41.6	62.4
101	0.0	7.9	11.9#
130	2.1	19.0	28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	5.1	7.7
68	5.8	4.3	6.5

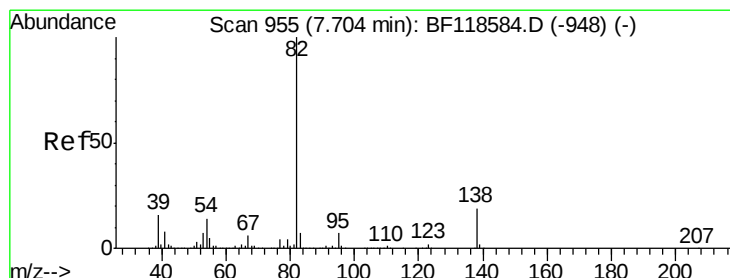
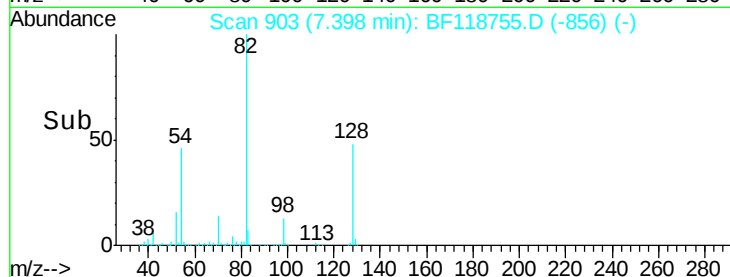
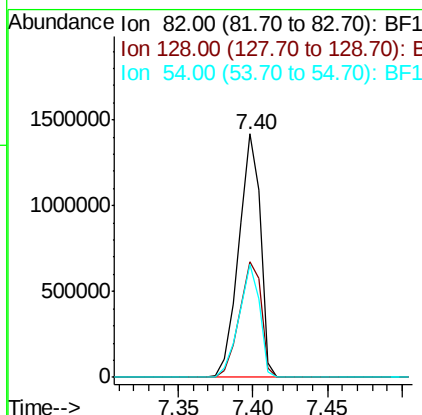
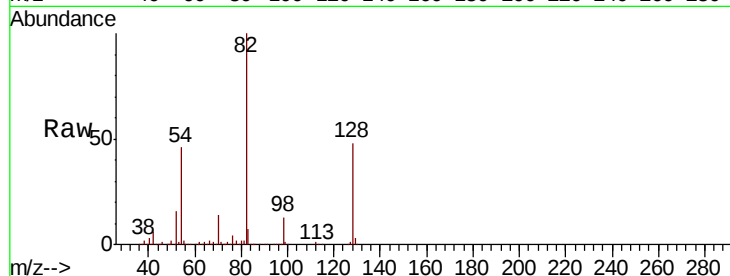




#23
Nitrobenzene-d5
Concen: 80.995 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

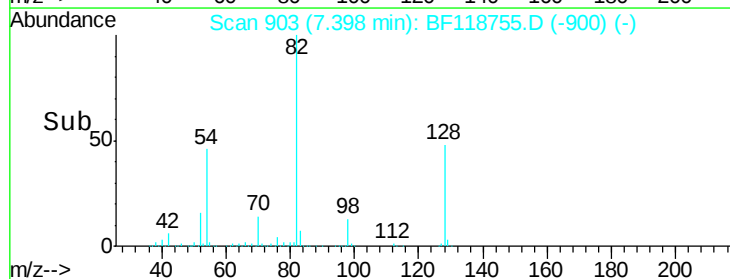
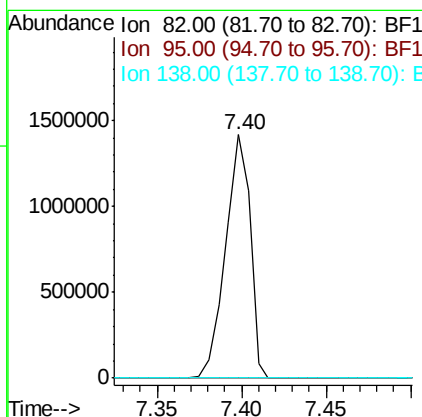
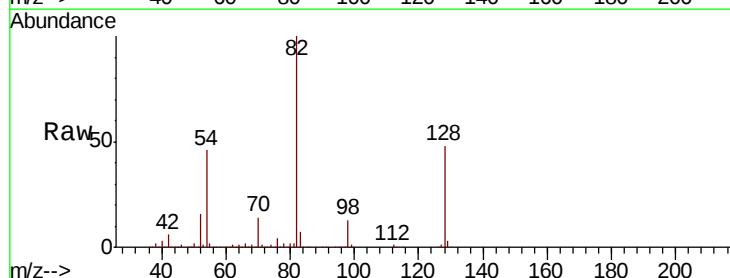
Instrument :
BNA_F
ClientSampleId :

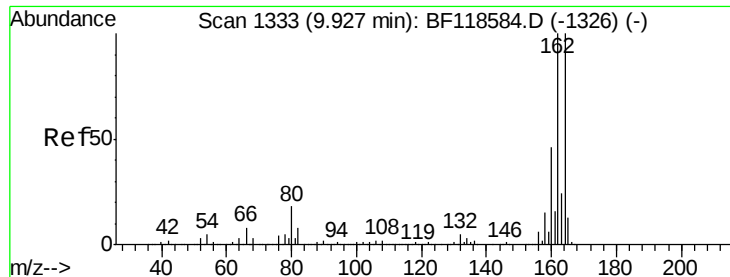
Tot Ion: 82 Resp: 1434952
Ion Ratio Lower Upper
82 100
128 47.5 38.2 57.2
54 46.2 36.1 54.1



#25
Isophorone
Concen: 44.298 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion: 82 Resp: 1431458
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

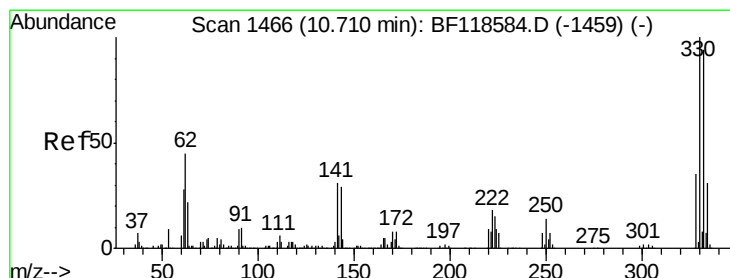
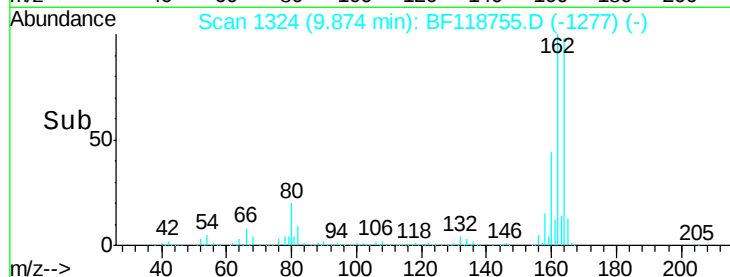
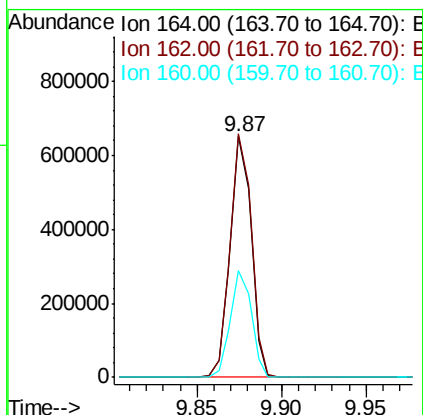
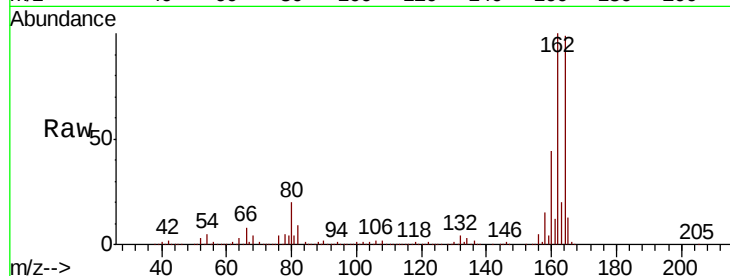




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

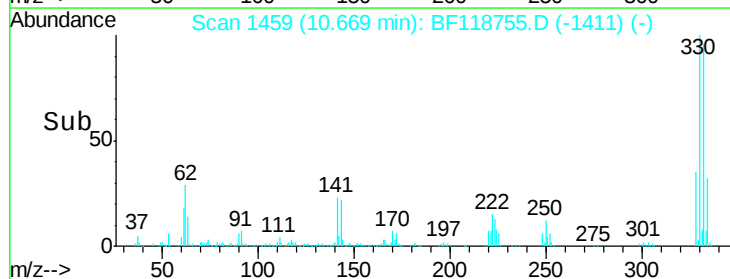
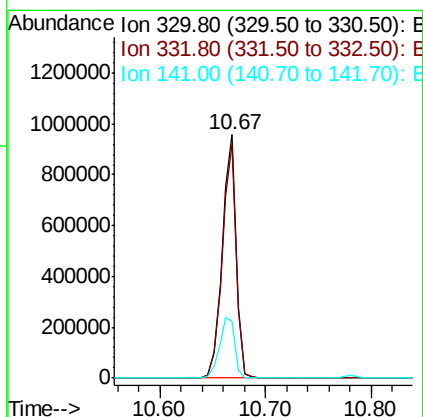
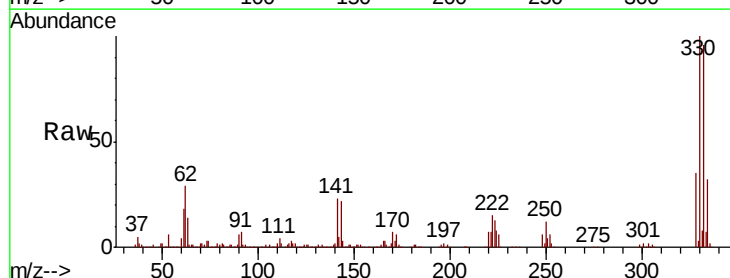
Instrument :
 BNA_F
 ClientSampleId :

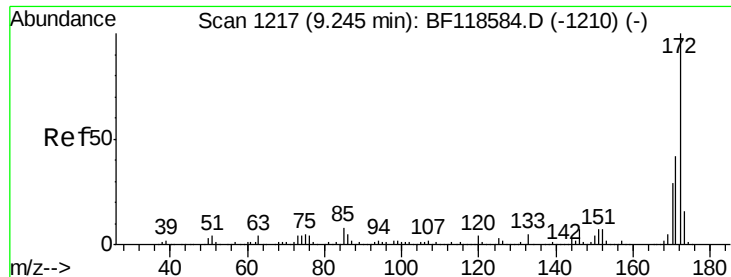
Tot Ion:164 Resp: 565190
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.8 121.2
 160 44.2 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 135.823 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

Tgt Ion:330 Resp: 887895
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 27.7 22.2 33.2

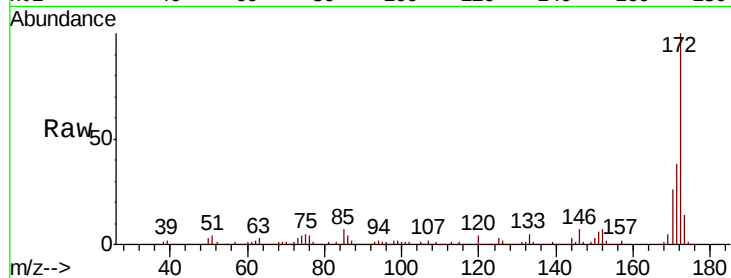




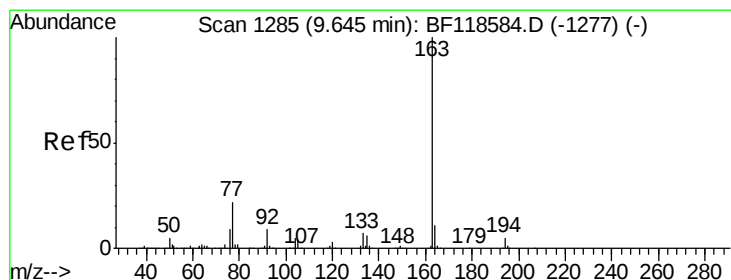
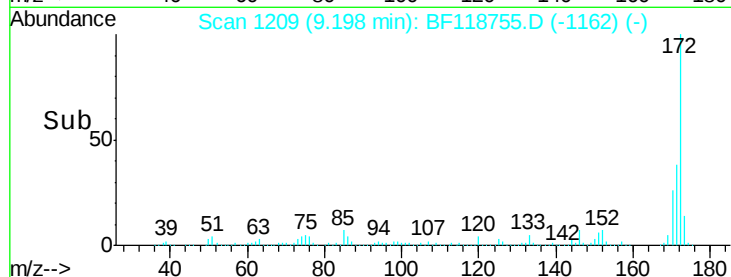
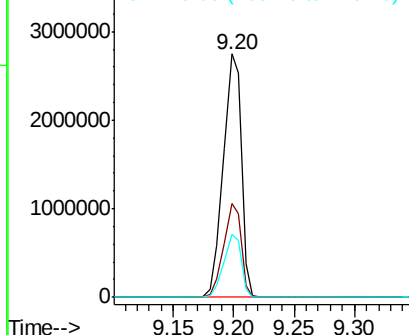
#45
2-Fluorobiphenyl
Concen: 82.819 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2847909
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 25.7 20.7 31.1

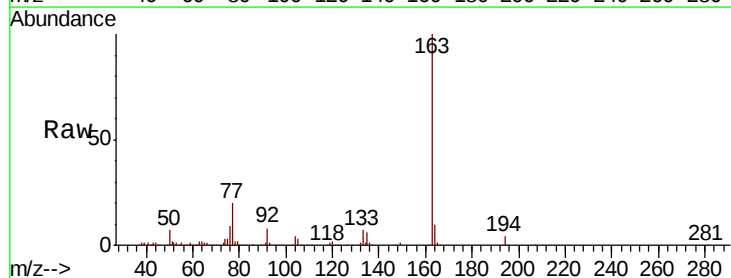


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

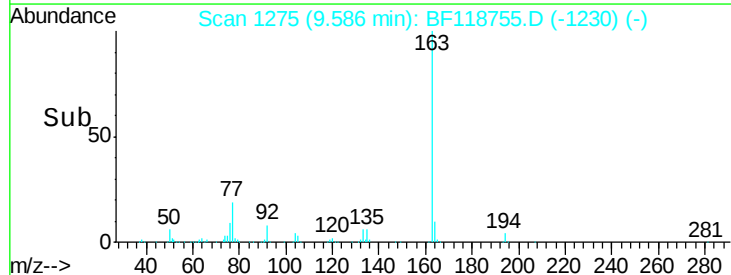
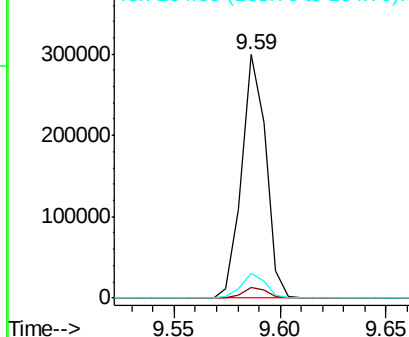


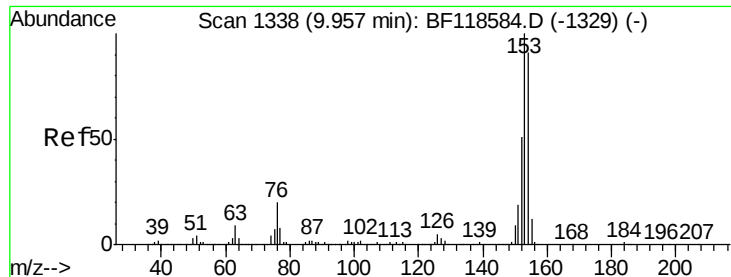
#50
Dimethylphthalate
Concen: 6.463 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:163 Resp: 238002
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.2 8.2 12.2



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





#52

Acenaphthene

Concen: 2.412 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

Instrument :

BNA_F

ClientSampled :

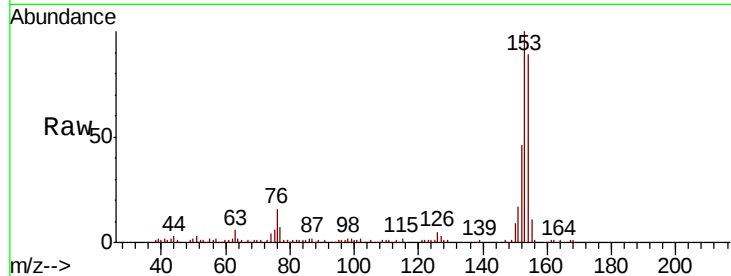
Tot Ion:154 Resp: 74485

Ion Ratio Lower Upper

154 100

153 112.1 89.1 133.7

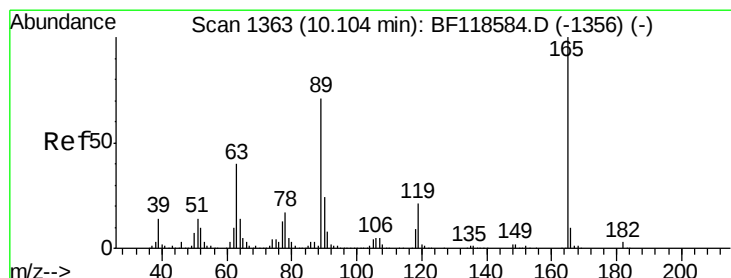
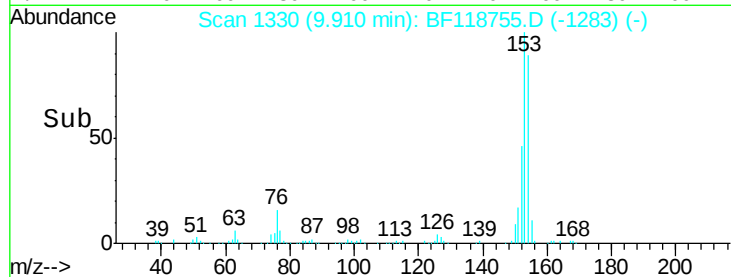
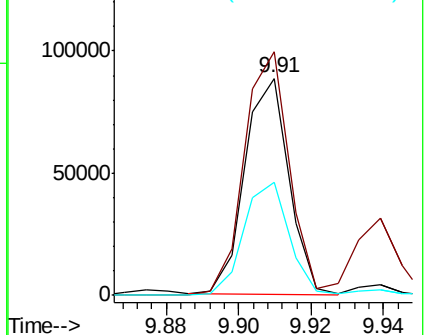
152 52.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 7.037 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

Tgt Ion:165 Resp: 73145

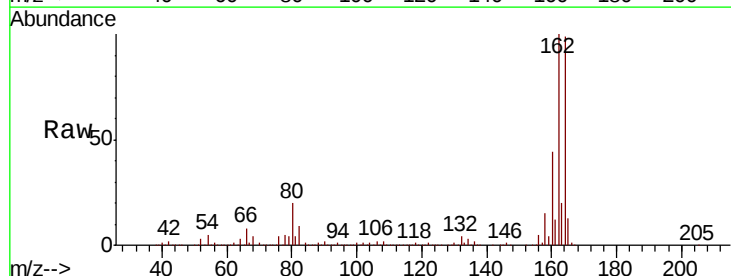
Ion Ratio Lower Upper

165 100

63 1.1 28.5 42.7#

89 1.4 50.4 75.6#

182 0.0 2.3 3.5#

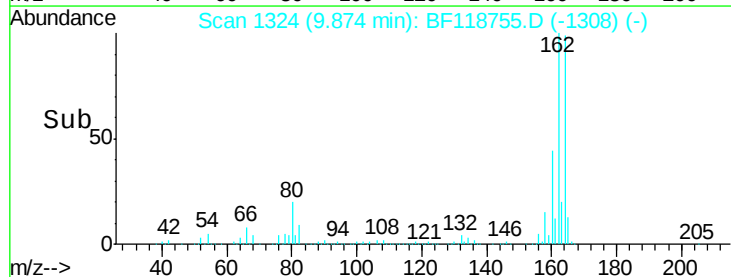
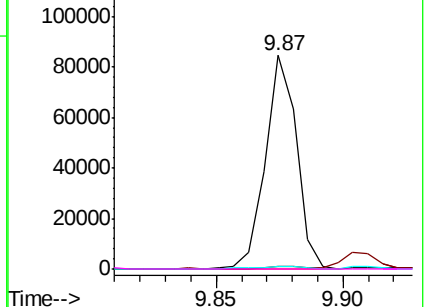


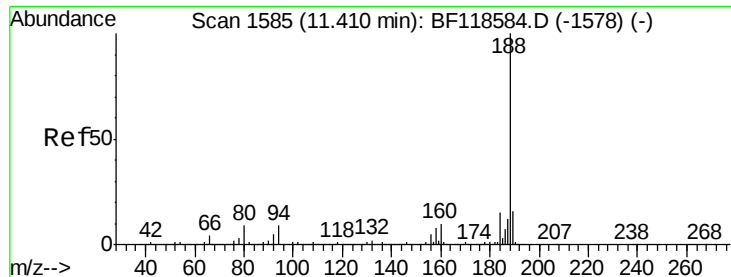
Abundance Ion 165.00 (164.70 to 165.70): E

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



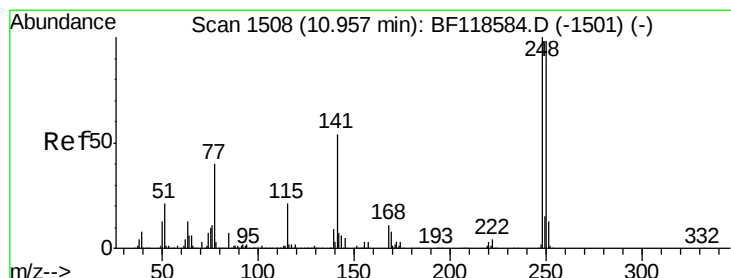
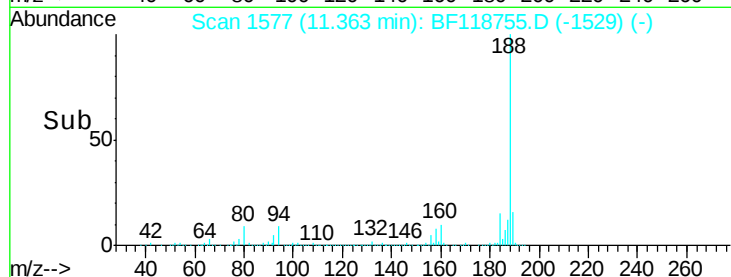
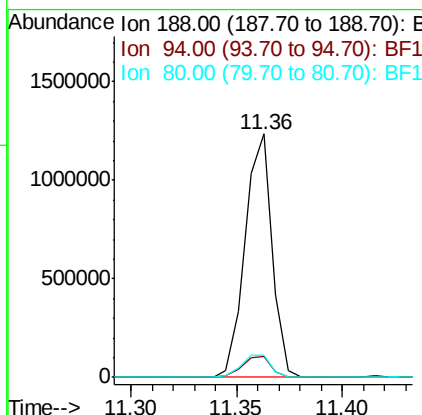
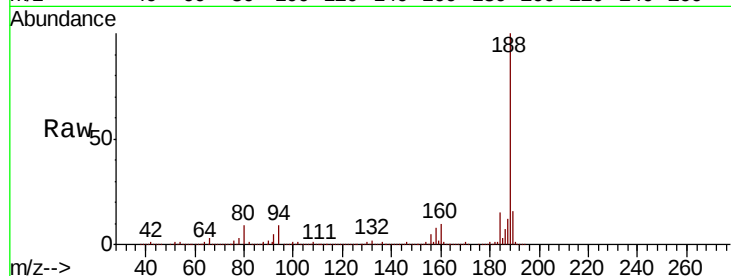


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 1094097

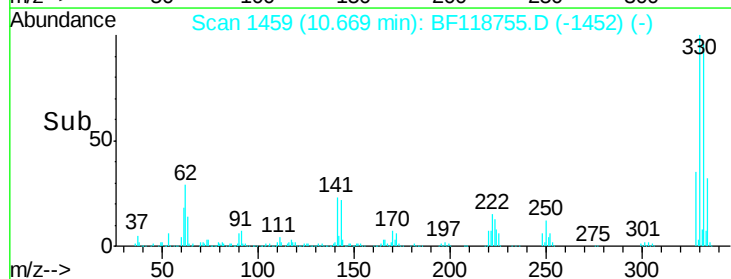
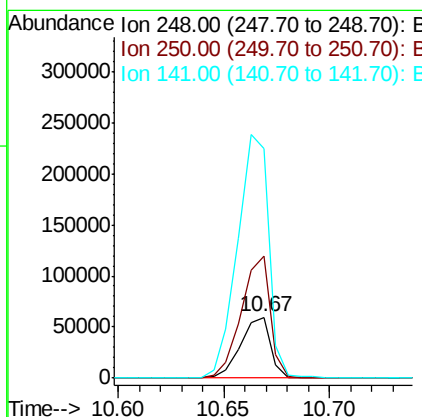
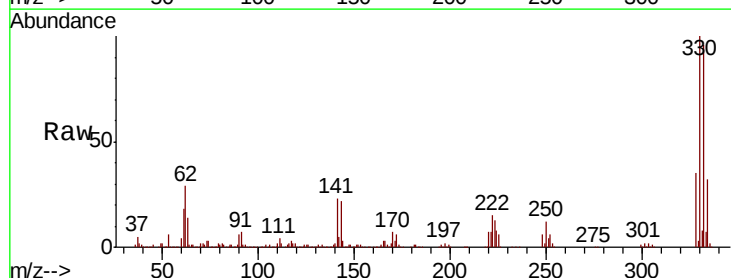
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.1	7.8	11.8

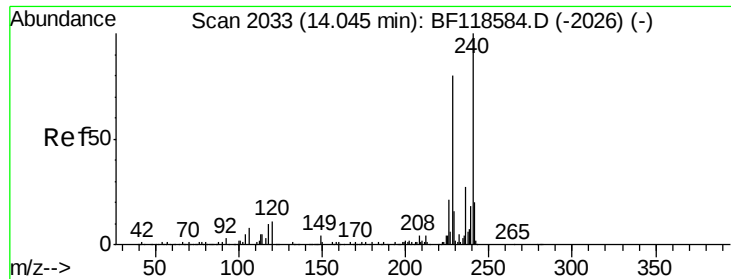


#67
 4-Bromophenyl-phenylether
 Concen: 4.313 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.26 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

Tgt Ion:248 Resp: 58298

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.7	118.1#
141	375.6	48.4	72.6#

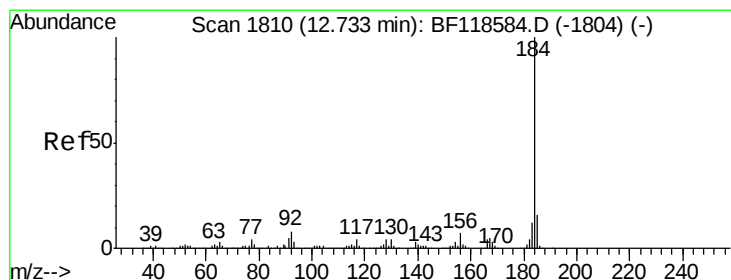
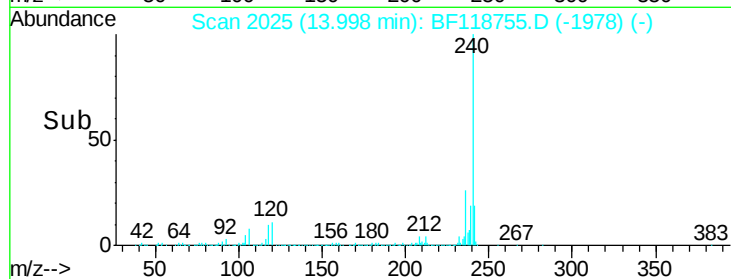
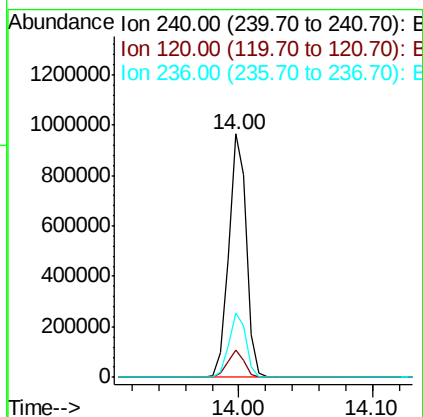
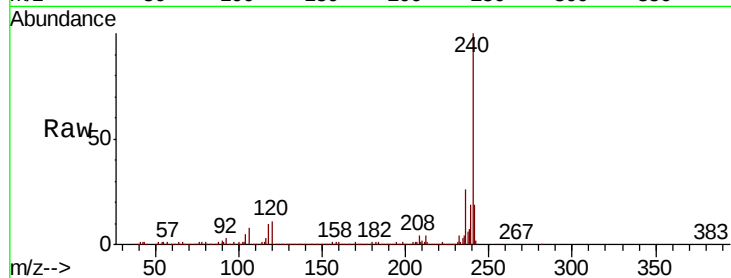




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

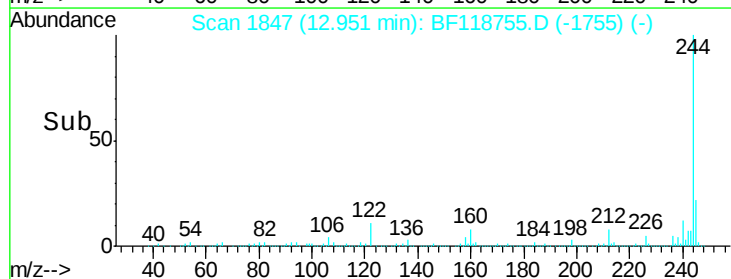
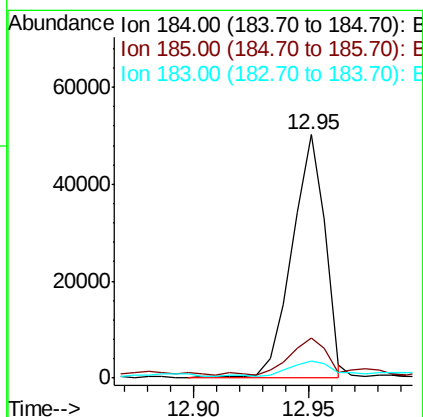
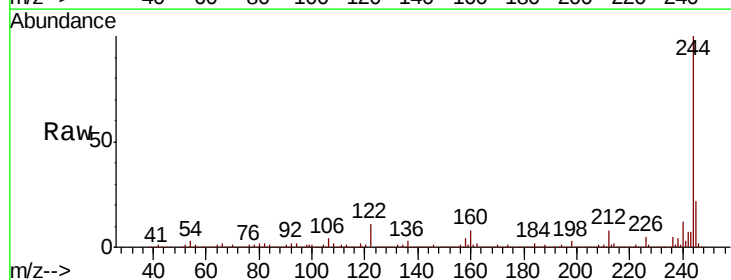
Instrument :
 BNA_F
 ClientSampleId :

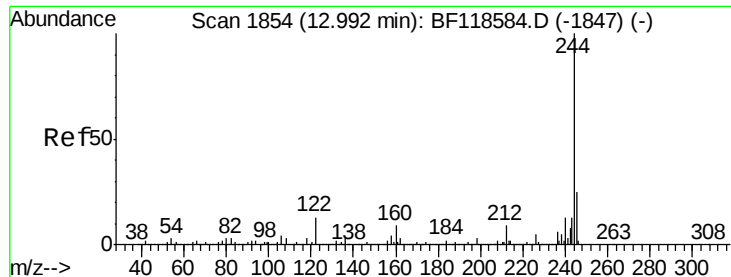
Tot Ion:240 Resp: 896301
 Ion Ratio Lower Upper
 240 100
 120 11.2 7.6 11.4
 236 26.3 21.0 31.4



#77
 Benzidine
 Concen: 2.081 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.24 min
 Lab File: BF118755.D
 Acq: 30 Jan 2020 17:03

Tgt Ion:184 Resp: 49831
 Ion Ratio Lower Upper
 184 100
 185 16.5 11.8 17.8
 183 7.1 9.7 14.5#





#79

Terphenyl-d14

Concen: 88.234 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

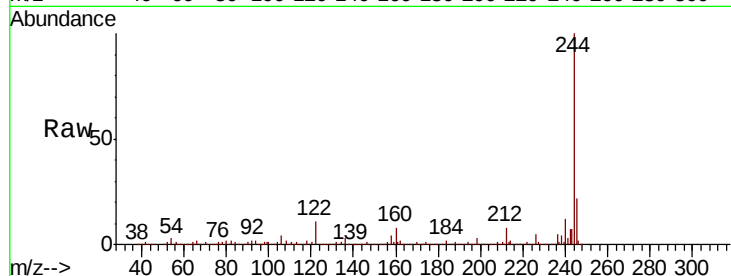
Tot Ion:244 Resp: 3625905

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

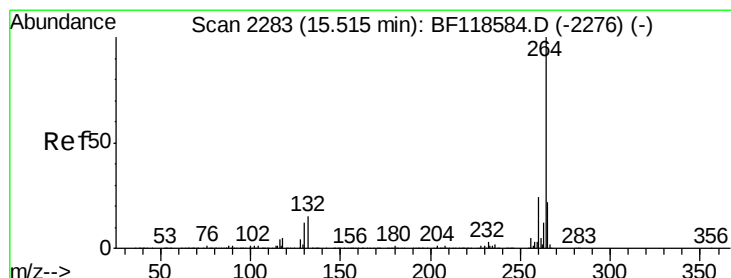
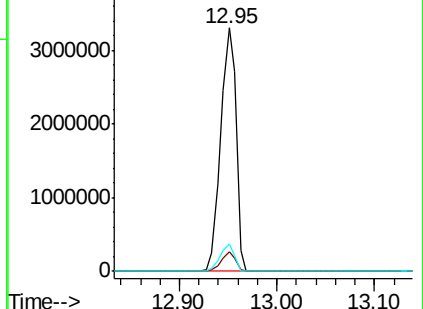
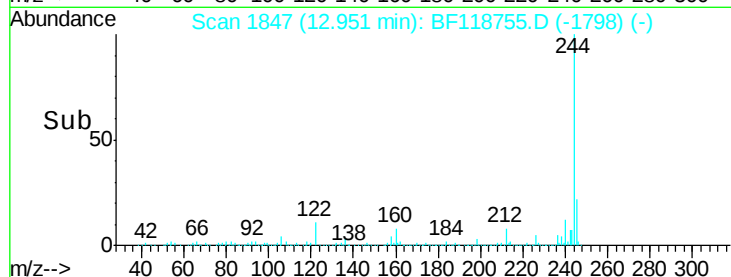
122 11.3 9.2 13.8



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118755.D

Acq: 30 Jan 2020 17:03

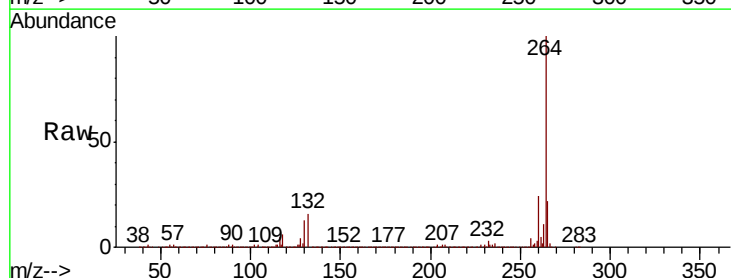
Tgt Ion:264 Resp: 880142

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.7 17.0 25.6



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

