

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121099.D
 Acq On : 29 Jul 2020 13:37
 Operator : JU/CG
 Sample : PB130545BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Quant Time: Jul 29 15:04:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160807	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	590696	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	301663	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	575979	20.00	ng	0.00
76) Chrysene-d12	13.96	240	483965	20.00	ng	0.00
86) Perylene-d12	15.40	264	458550	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	757656	77.24	ng	0.00
7) Phenol-d6	6.43	99	911721	71.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	834454	81.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	264344	80.06	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1482081	73.35	ng	0.00
79) Terphenyl-d14	12.91	244	1660038	74.56	ng	0.00

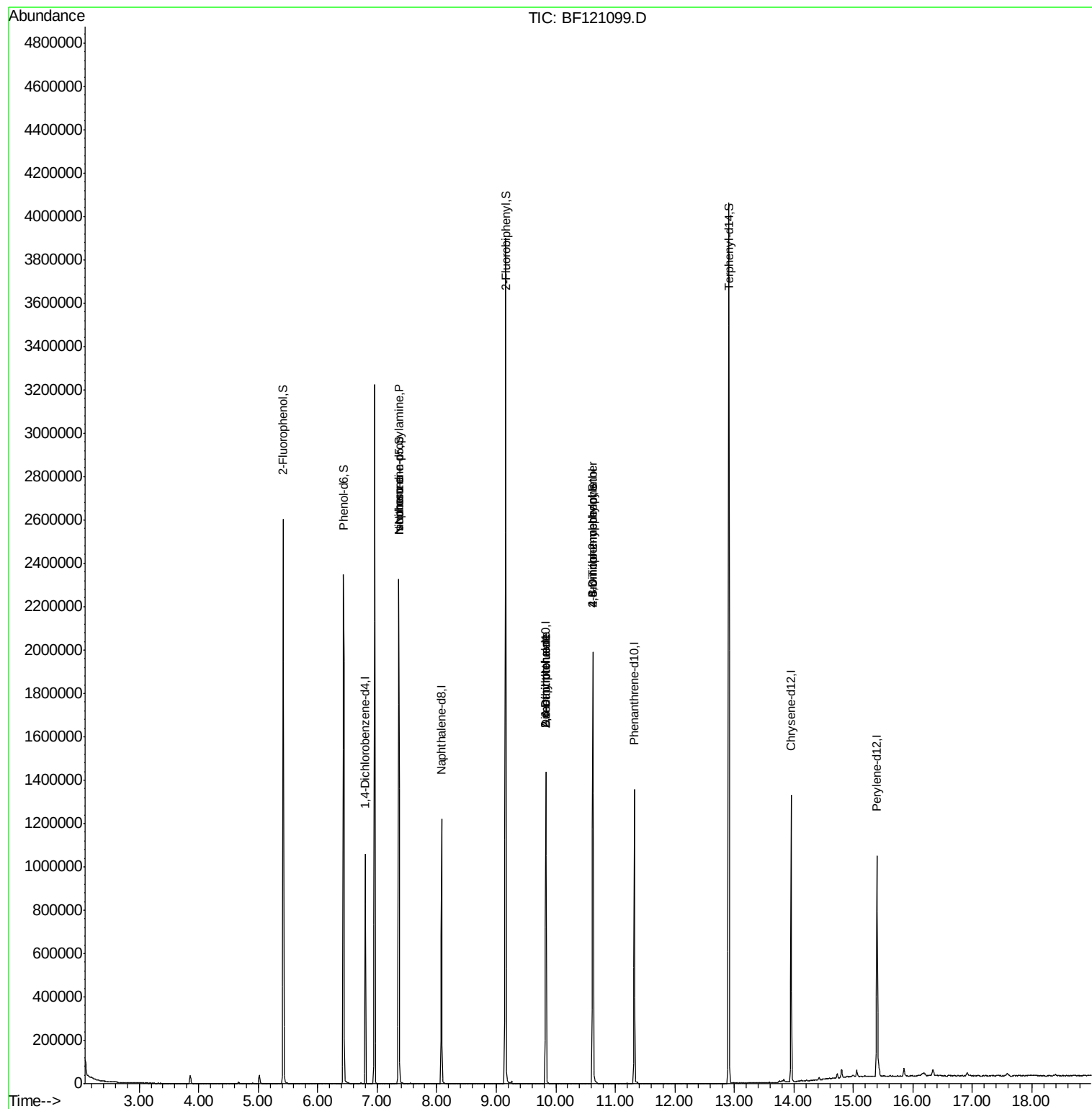
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1052	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	107613	14.936	ng	# 78
25) Isophorone	7.36	82	826902	40.586	ng	# 62
50) Dimethylphthalate	9.83	163	60866	2.797	ng	# 1
51) 2,6-Dinitrotoluene	9.83	165	38708	8.279	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	38708	6.304	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	580	4.003	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	15293	2.381	ng	# 1

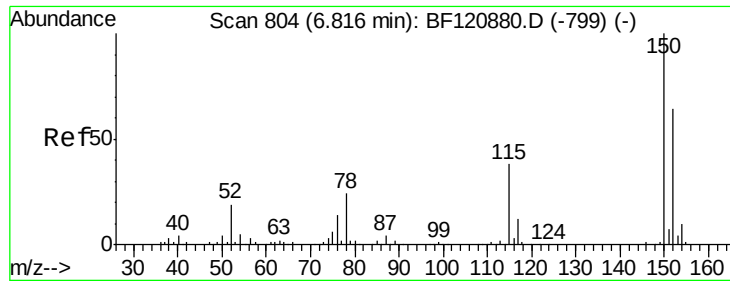
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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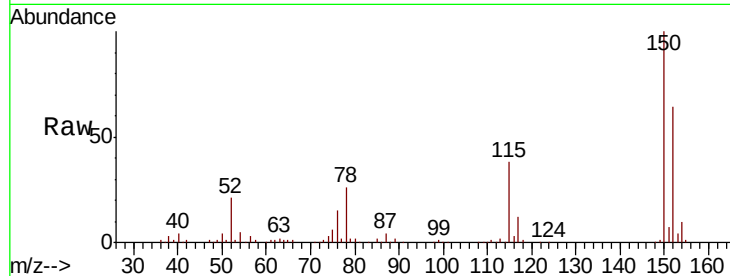


#1

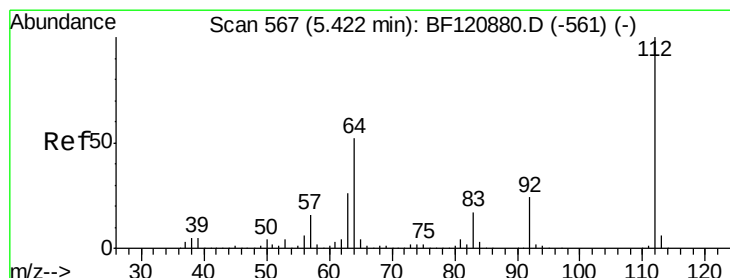
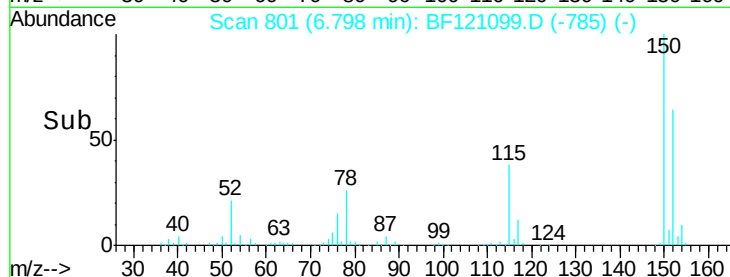
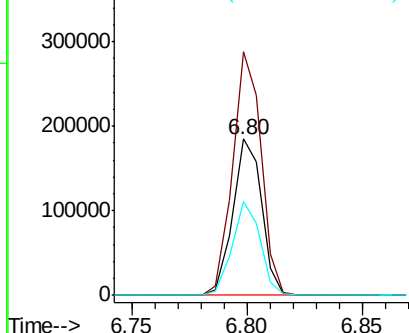
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121099.D
Acq: 29 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130545BL

Tot Ion:152 Resp: 160807
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 59.7 46.2 69.2



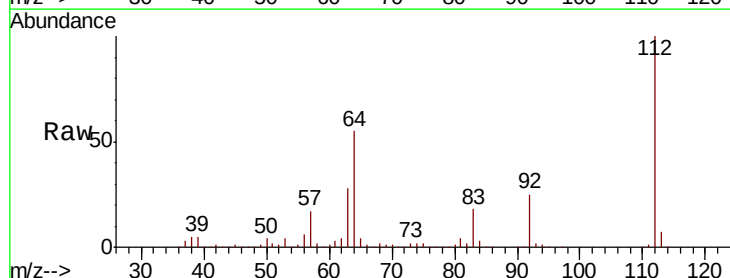
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



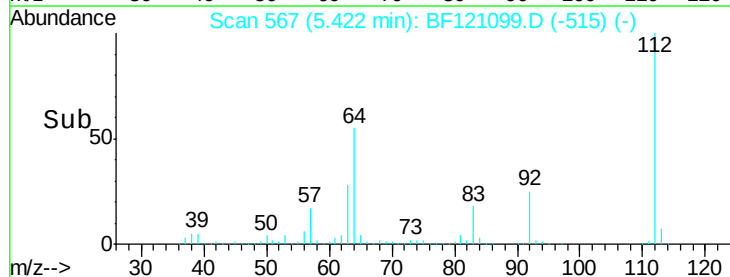
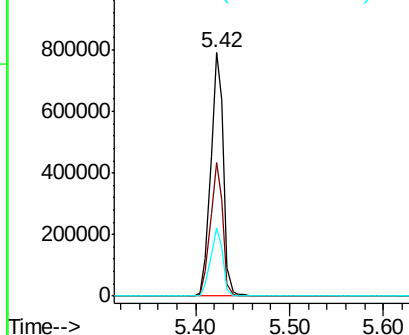
#5

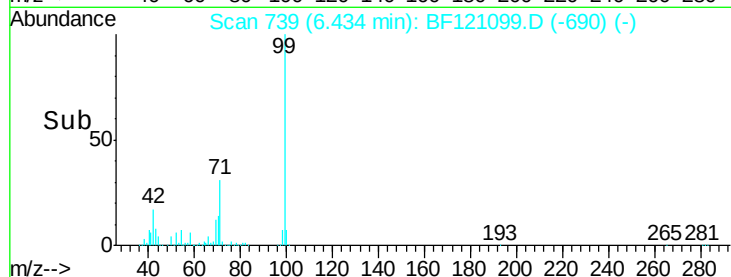
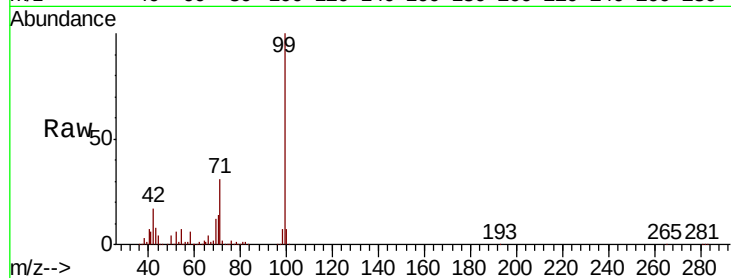
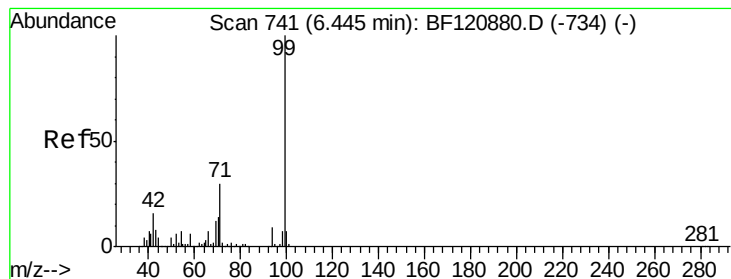
2-Fluorophenol
Concen: 77.240 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121099.D
Acq: 29 Jul 2020 13:37

Tgt Ion:112 Resp: 757656
Ion Ratio Lower Upper
112 100
64 54.9 43.9 65.9
63 28.3 22.7 34.1



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: 71.954 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

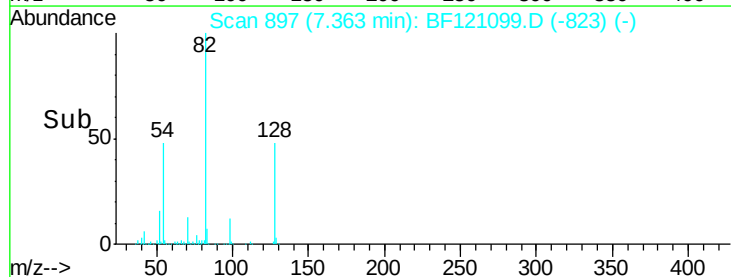
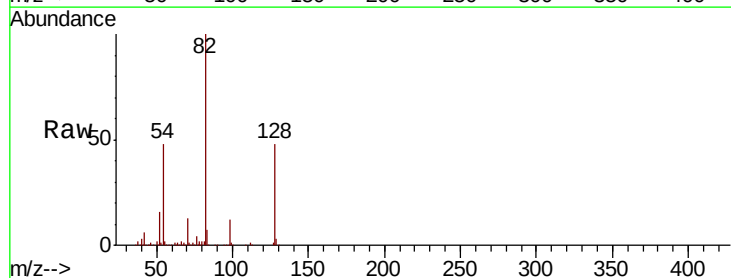
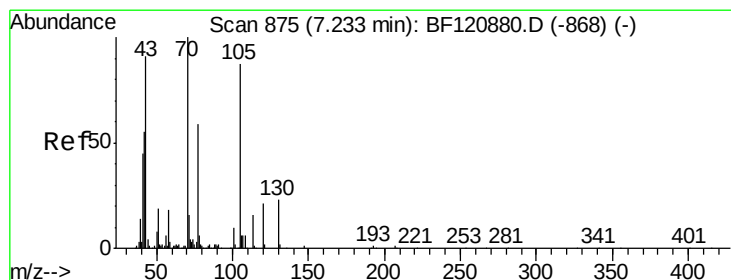
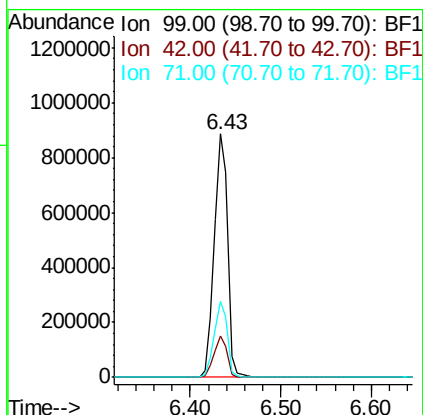
Tot Ion: 99 Resp: 911721

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.0 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.936 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Tgt Ion: 70 Resp: 107613

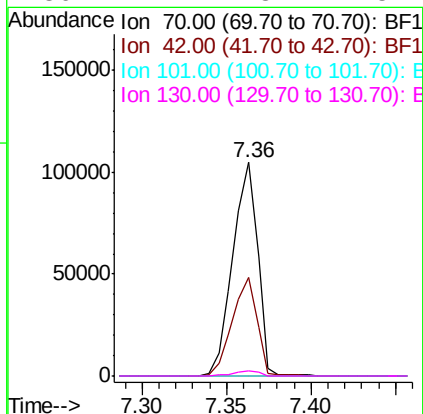
Ion Ratio Lower Upper

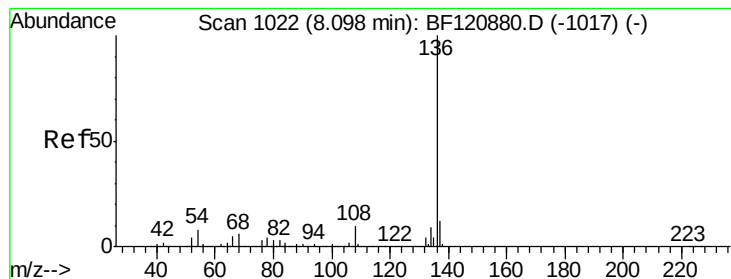
70 100

42 46.2 43.3 64.9

101 0.0 8.4 12.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

Tot Ion:136 Resp: 590696

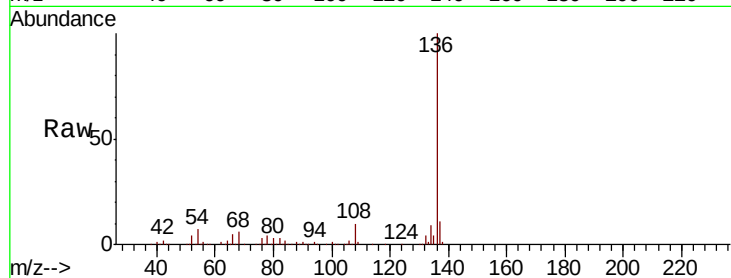
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.1 6.1 9.1

68 5.9 5.0 7.6

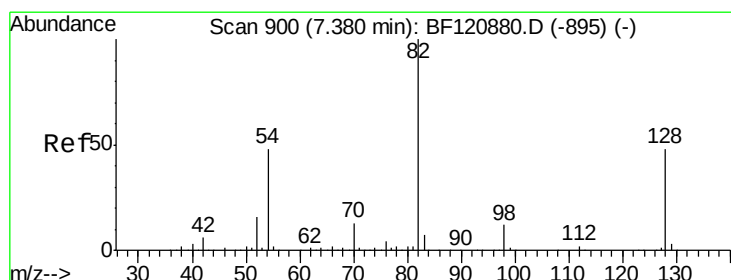
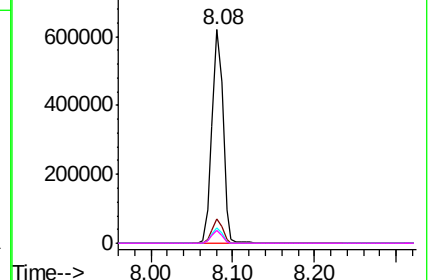
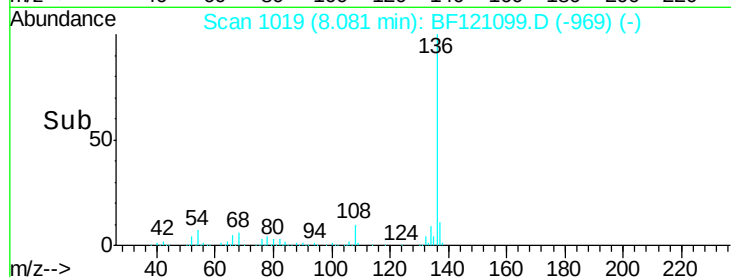


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.741 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

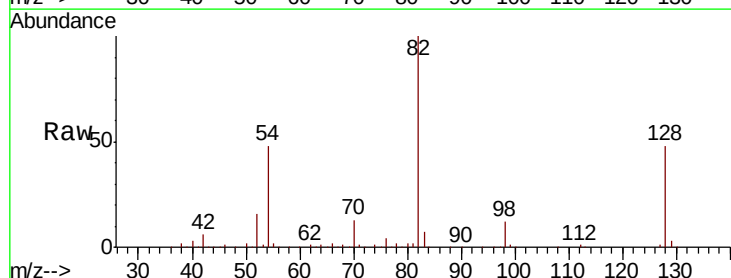
Tgt Ion: 82 Resp: 834454

Ion Ratio Lower Upper

82 100

128 47.8 39.2 58.8

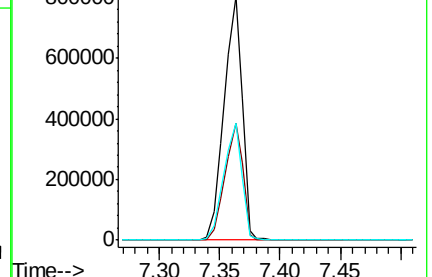
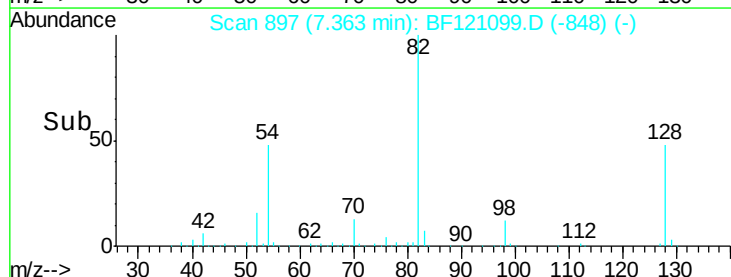
54 48.1 37.8 56.8

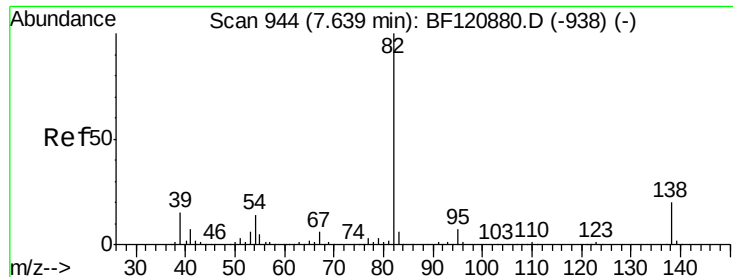


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.586 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

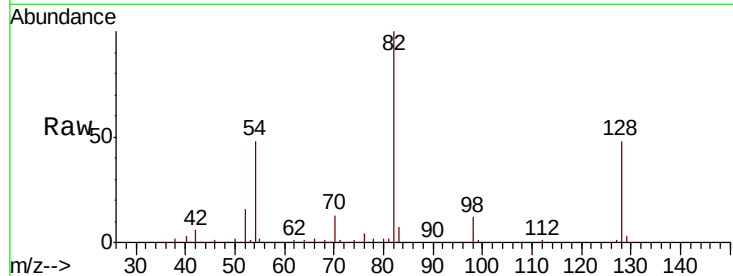
Tot Ion: 82 Resp: 826902

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

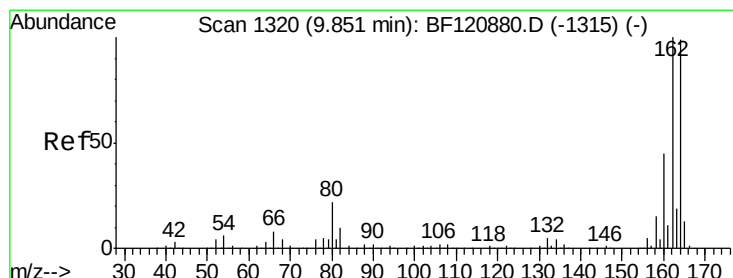
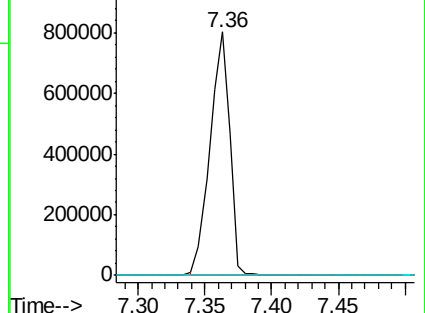
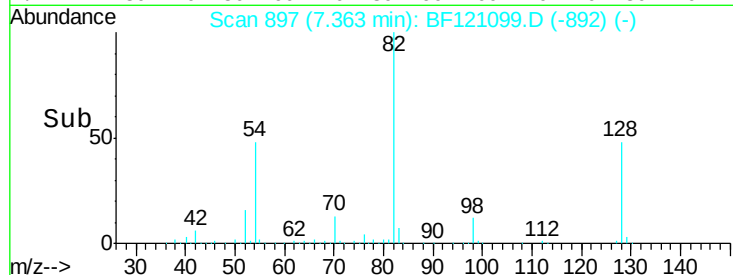
138 0.0 16.2 24.2#



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: BF121099.D

Acq: 29 Jul 2020 13:37

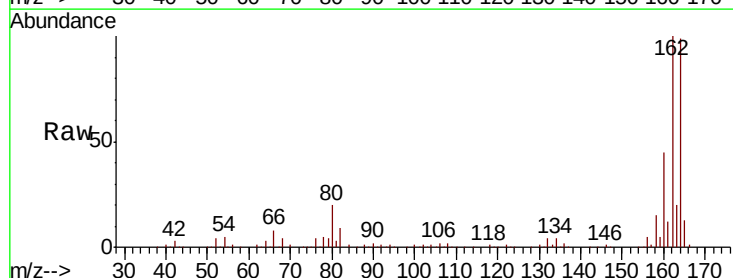
Tgt Ion:164 Resp: 301663

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

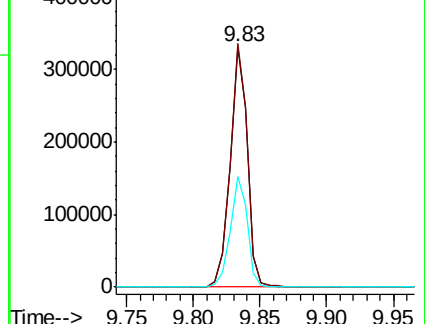
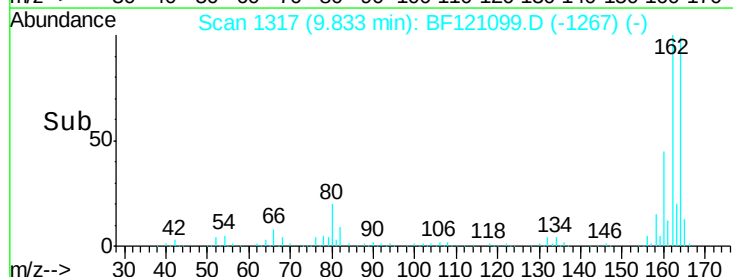
160 46.1 37.2 55.8

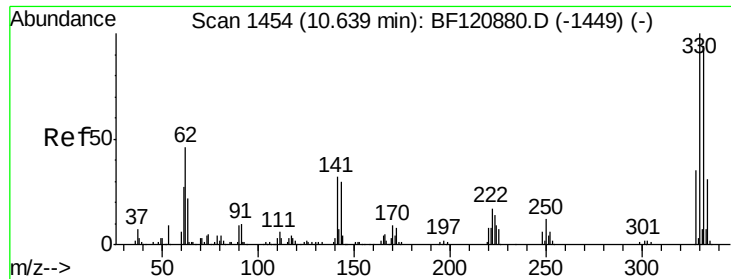


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

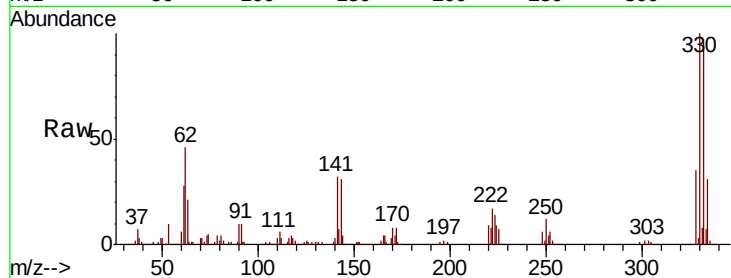




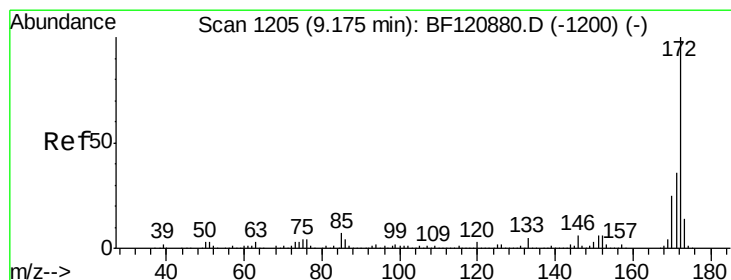
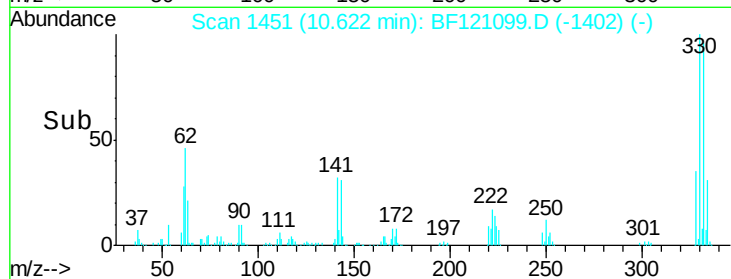
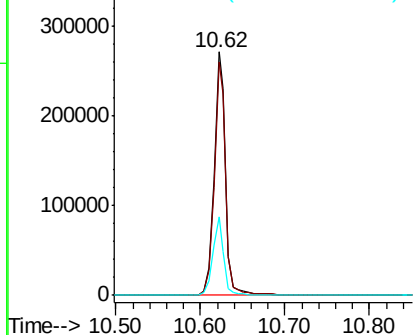
#42
 2,4,6-Tribromophenol
 Concen: 80.056 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	30.6	24.1	36.1

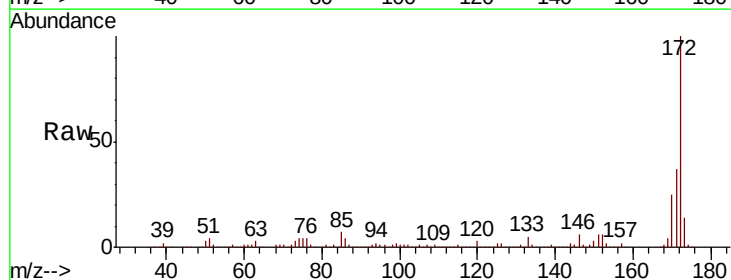


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

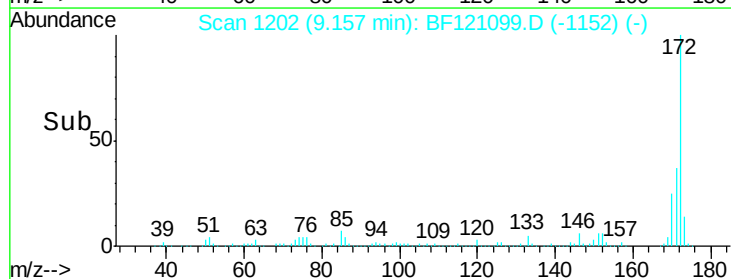
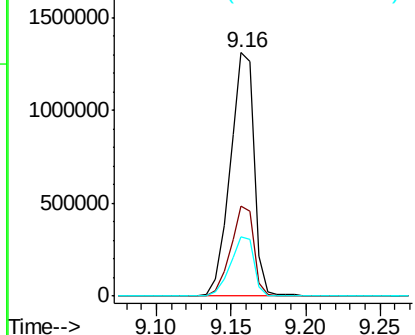


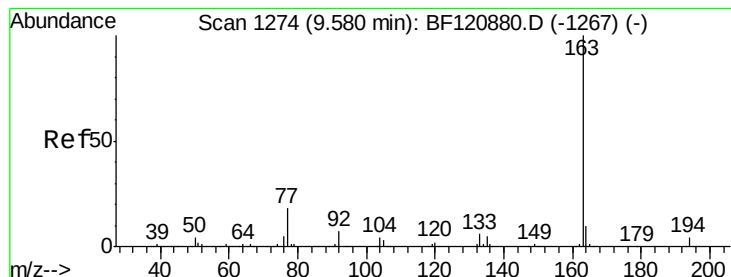
#45
 2-Fluorobiphenyl
 Concen: 73.354 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.6	19.6	29.4



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: 2.797 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.26 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

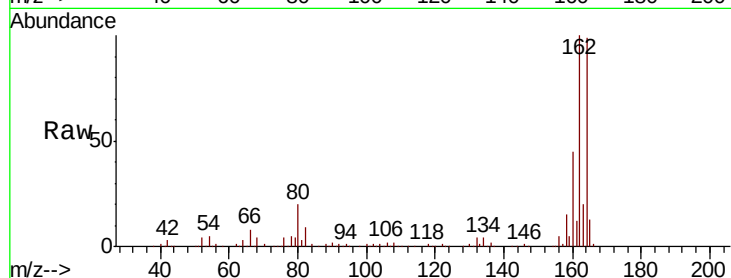
Tot Ion:163 Resp: 60866

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

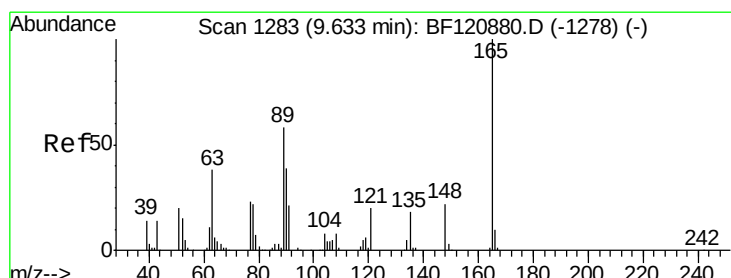
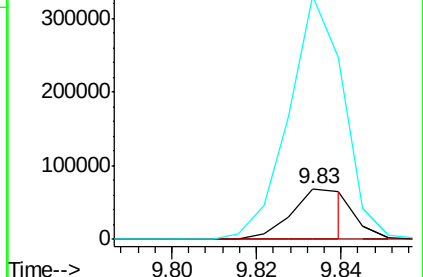
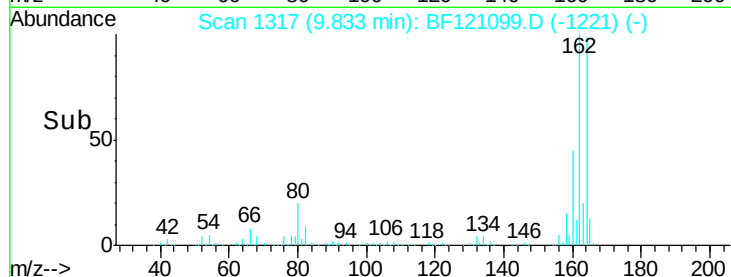
164 481.3 8.4 12.6#



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: 8.279 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

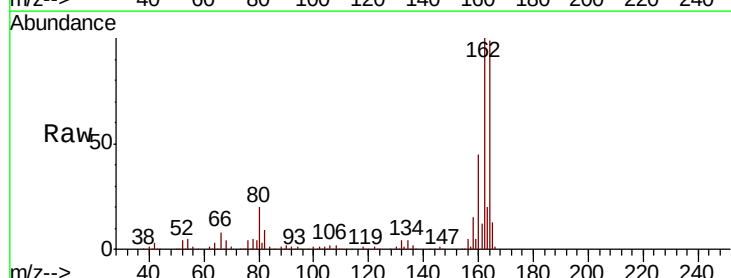
Tgt Ion:165 Resp: 38708

Ion Ratio Lower Upper

165 100

63 1.1 41.1 61.7#

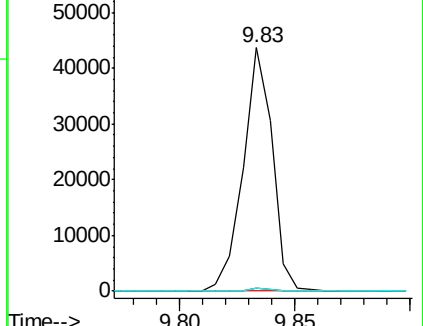
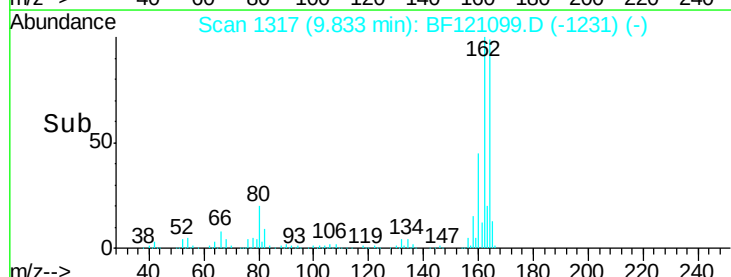
89 1.1 43.5 65.3#

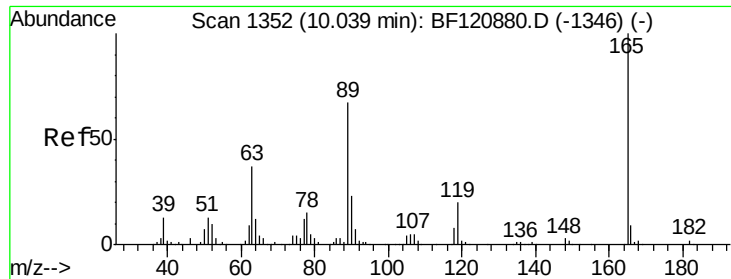


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

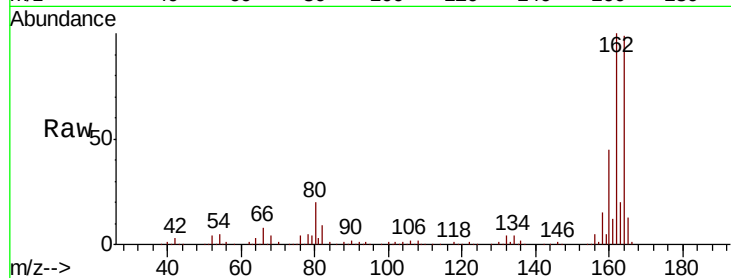




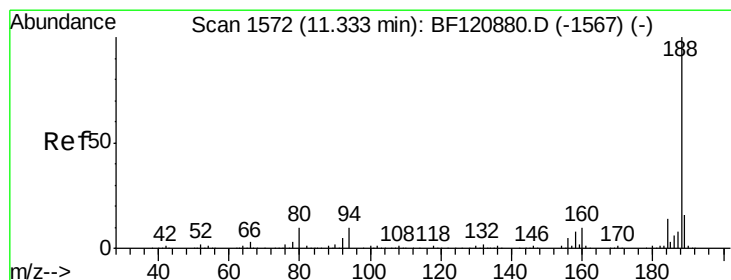
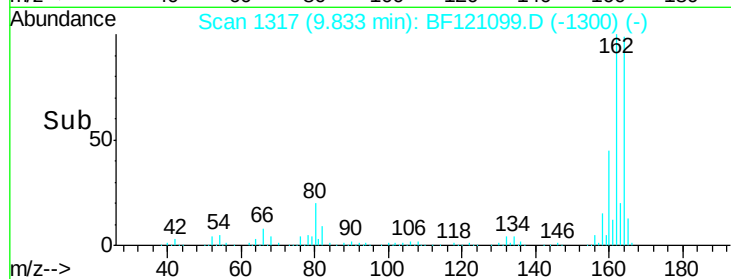
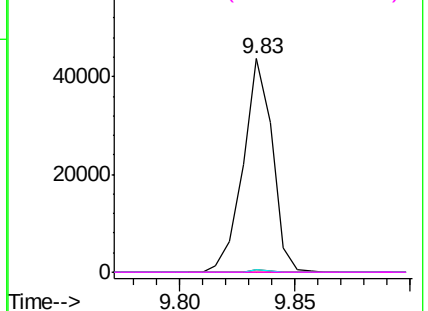
#57
 2,4-Dinitrotoluene
 Concen: 6.304 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion:165	Resp:	38708
Ion Ratio	Lower	Upper
165	100	
63	1.1	29.8 44.8#
89	1.1	50.3 75.5#
182	0.0	2.1 3.1#

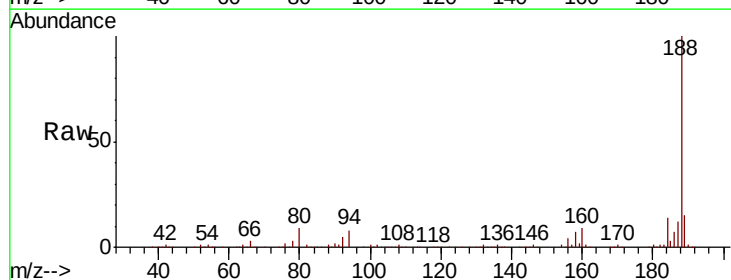


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

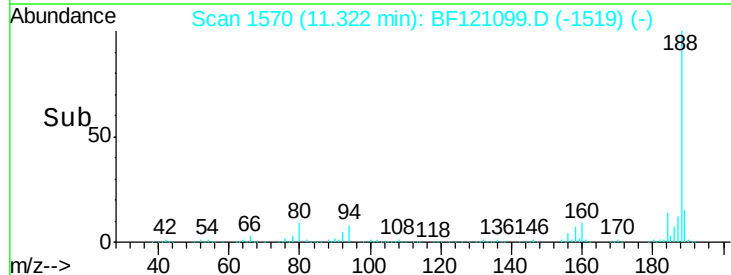
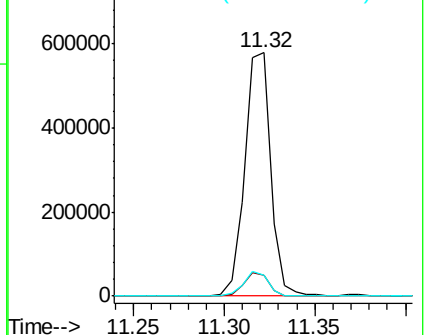


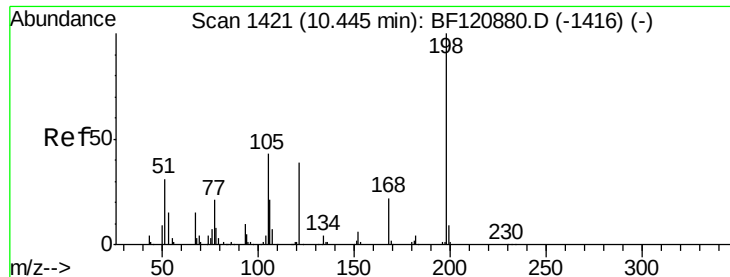
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion:188	Resp:	575979
Ion Ratio	Lower	Upper
188	100	
94	8.4	8.0 12.0
80	8.6	8.3 12.5



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

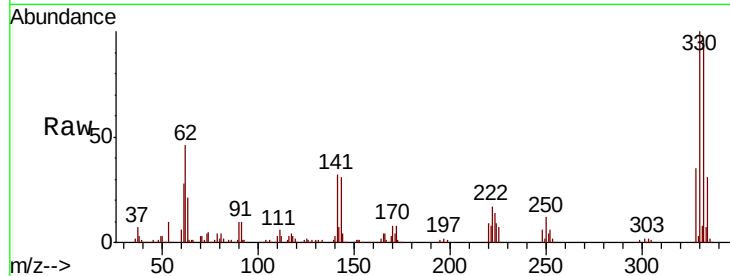




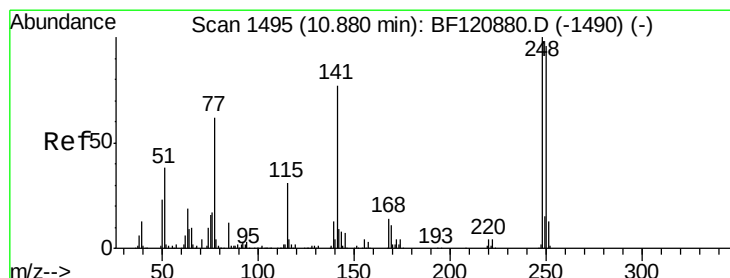
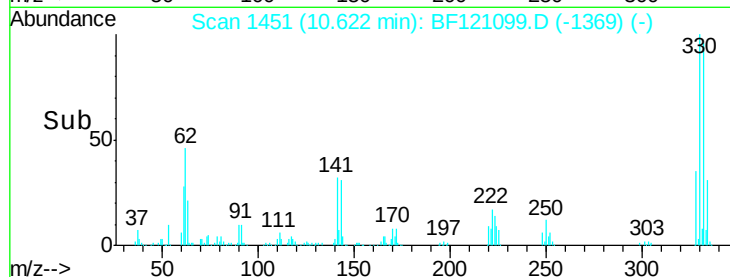
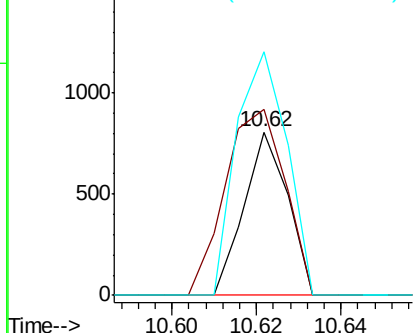
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.003 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion:198 Resp: 580
 Ion Ratio Lower Upper
 198 100
 51 113.9 23.4 63.4#
 105 148.9 23.7 63.7#

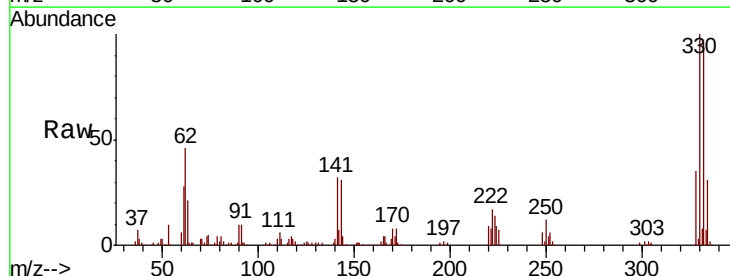


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

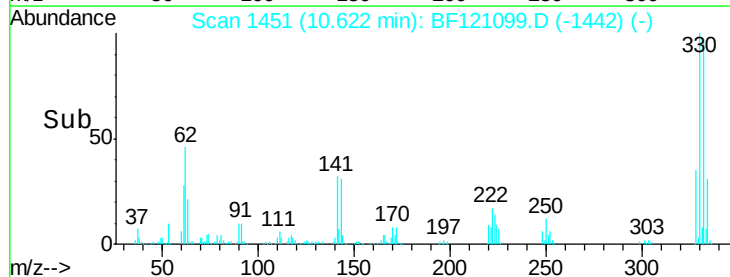
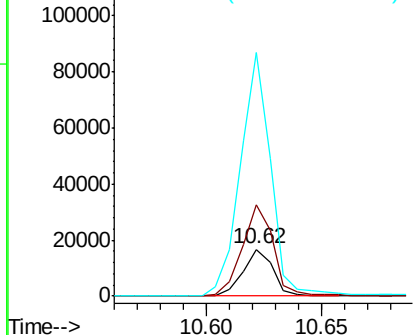


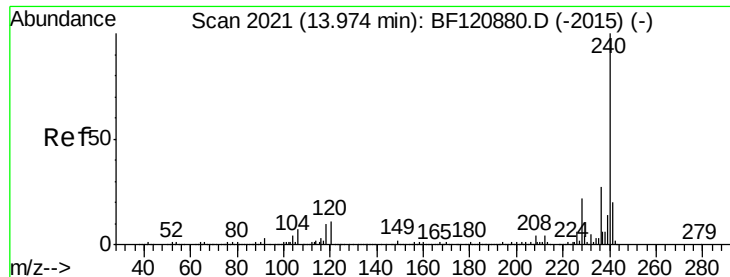
#67
 4-Bromophenyl-phenylether
 Concen: 2.381 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion:248 Resp: 15293
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.0 115.6#
 141 519.2 56.6 85.0#



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

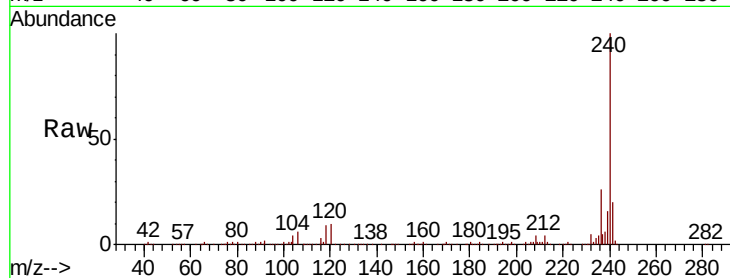
Tot Ion:240 Resp: 483965

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

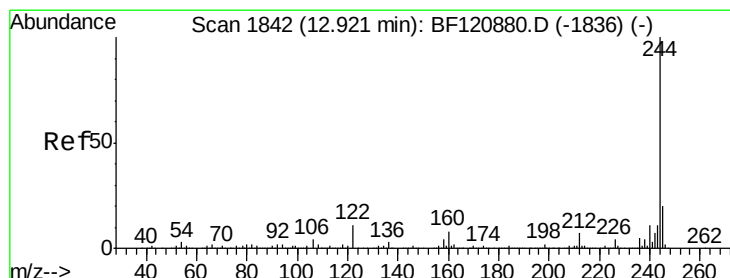
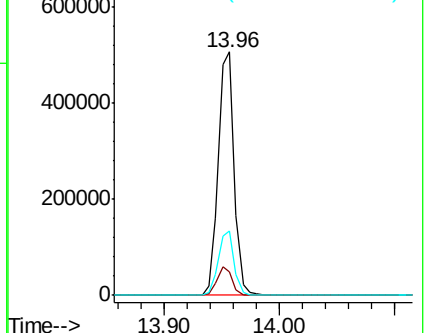
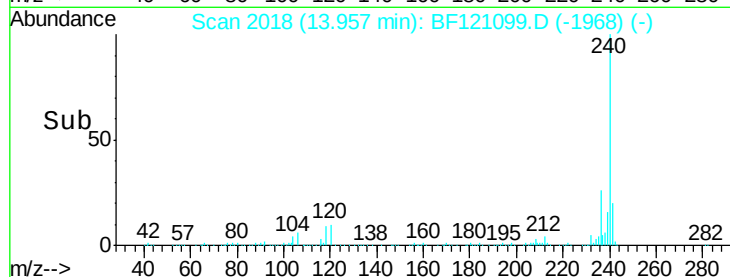
236 26.3 21.1 31.7



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: 74.562 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

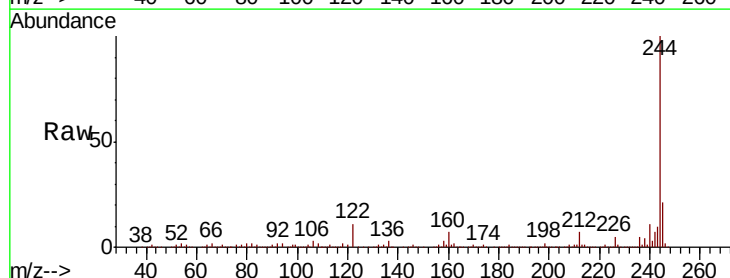
Tgt Ion:244 Resp: 1660038

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

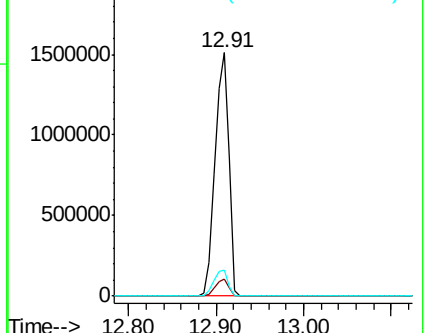
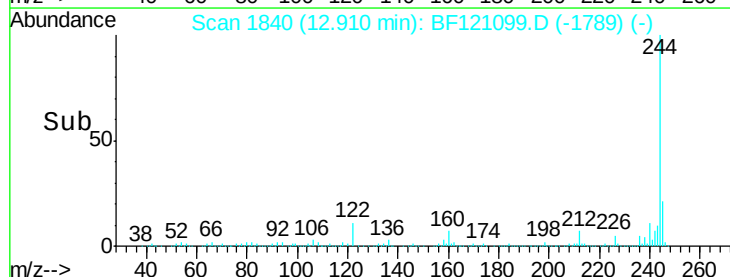
122 10.6 8.3 12.5

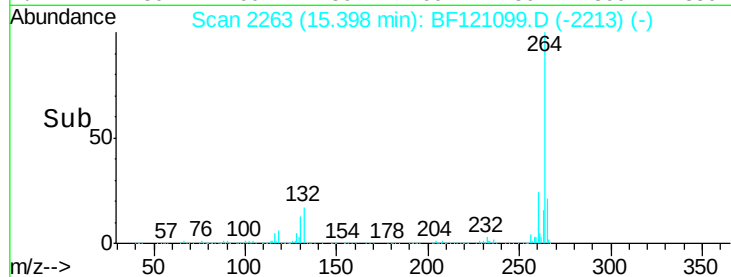
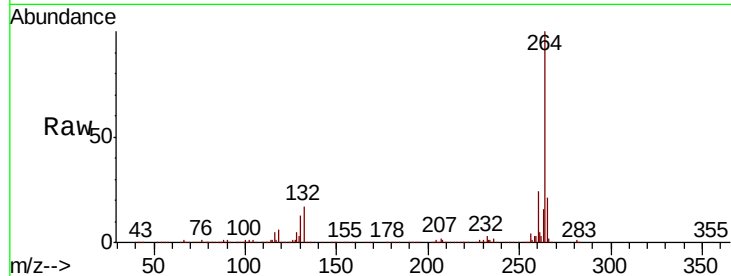
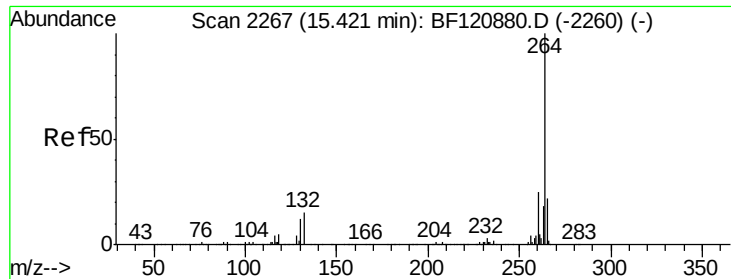


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF121099.D
Acq: 29 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130545BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	17.8	26.8

