

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120932.D
 Acq On : 20 Jul 2020 14:37
 Operator : JU/CG
 Sample : L3344-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

Quant Time: Jul 20 15:10:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

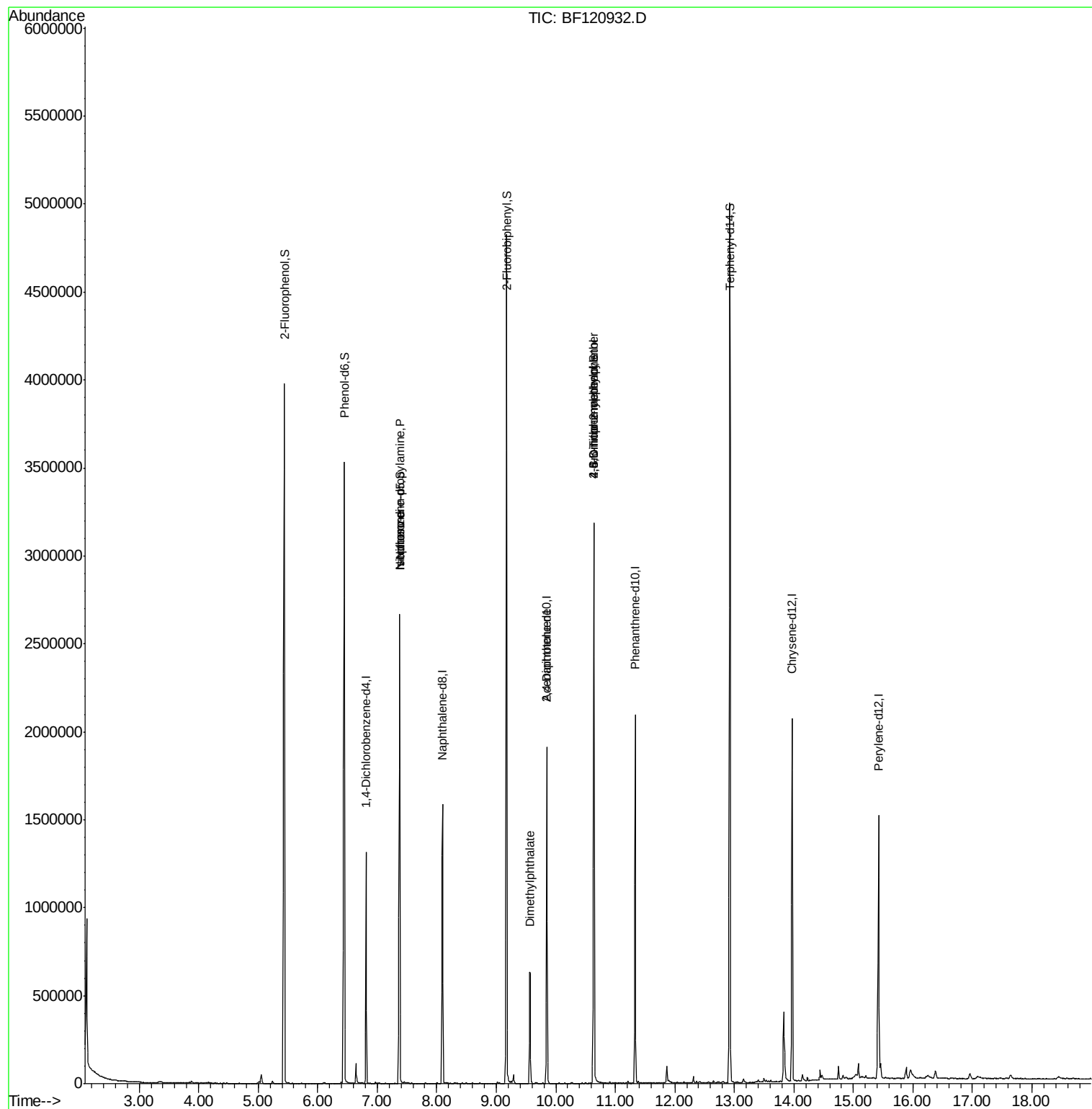
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	195311	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	749142	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	396608	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	788125	20.00	ng	0.00
76) Chrysene-d12	13.97	240	723107	20.00	ng	0.00
86) Perylene-d12	15.42	264	708271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1335946	112.13	ng	0.02
7) Phenol-d6	6.45	99	1682092	109.30	ng	0.00
23) Nitrobenzene-d5	7.38	82	1063040	82.11	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	518720	119.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1880880	70.81	ng	0.00
79) Terphenyl-d14	12.93	244	2048143	61.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2477	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	139825	15.978 ng	#	1
25) Isophorone	7.38	82	1054331	40.804 ng	#	78
50) Dimethylphthalate	9.57	163	284533	9.944 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	51203	6.343 ng	#	100
65) 4,6-Dinitro-2-methylphenol	10.64	198	1021	4.048 ng	#	27
67) 4-Bromophenyl-phenylether	10.64	248	29801	3.391 ng	#	1

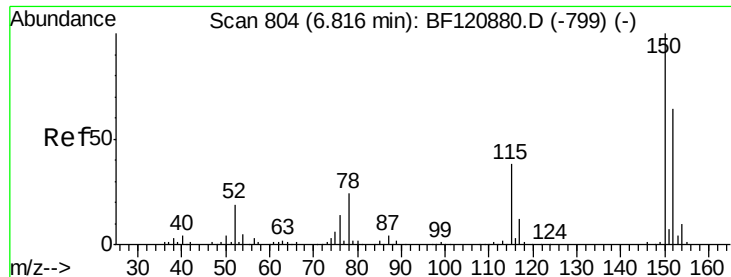
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 15:10:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



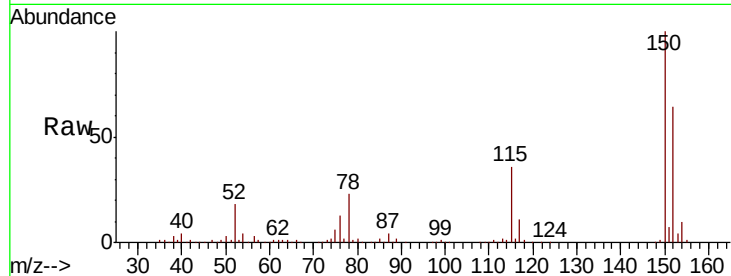


#1

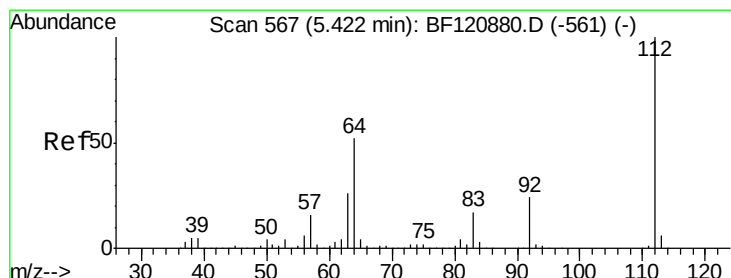
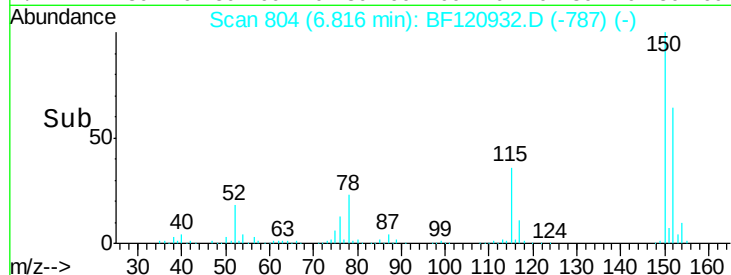
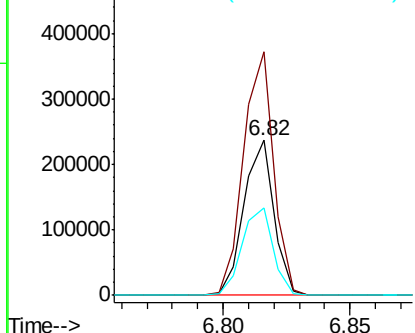
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120932.D
 Acq: 20 Jul 2020 14:37

Instrument :
 BNA_F
 ClientSampled :
 TP-15-S

Tot Ion:152 Resp: 195311
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.0 187.6
 115 56.3 47.0 70.4



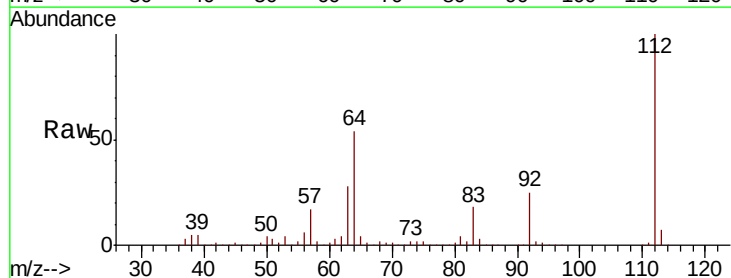
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



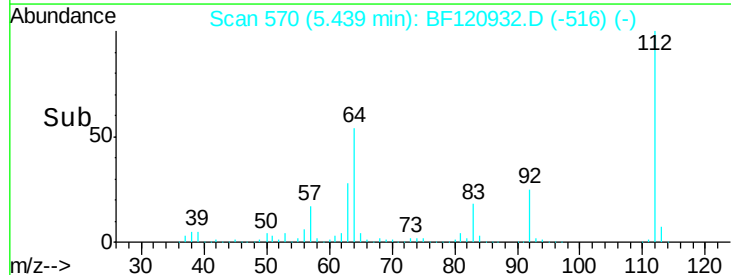
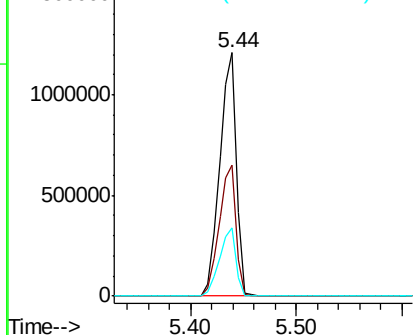
#5

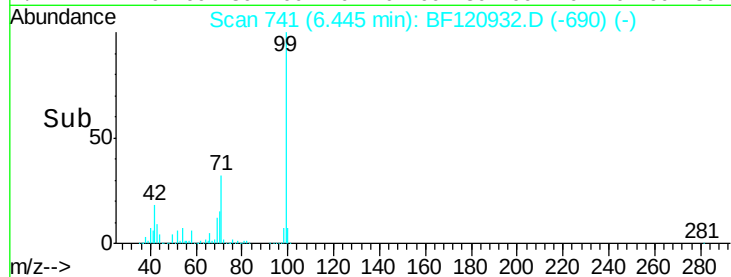
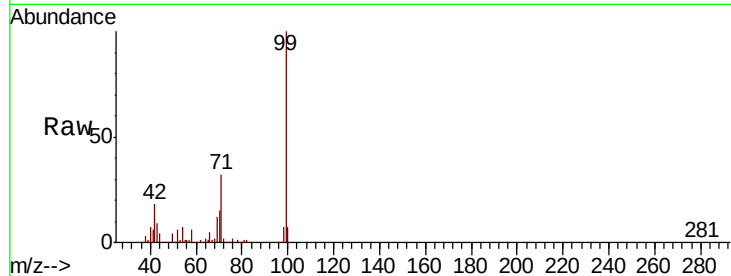
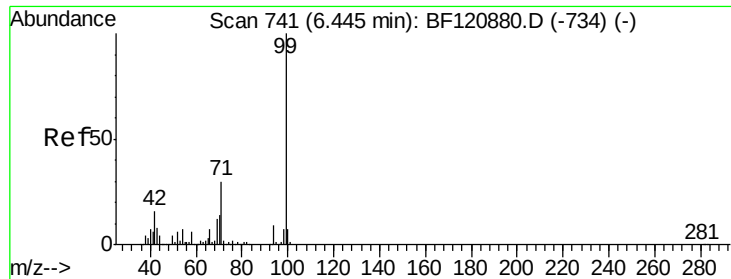
2-Fluorophenol
 Concen: 112.134 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF120932.D
 Acq: 20 Jul 2020 14:37

Tgt Ion:112 Resp: 1335946
 Ion Ratio Lower Upper
 112 100
 64 54.0 41.3 61.9
 63 27.9 21.1 31.7



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: 109.300 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

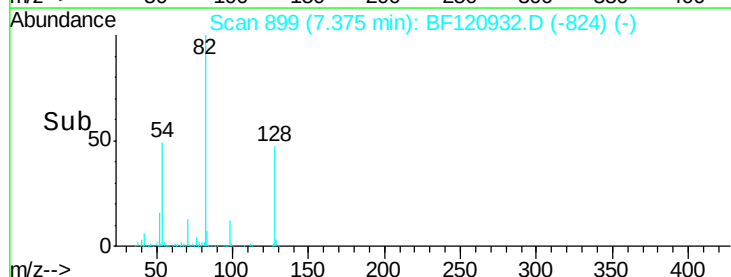
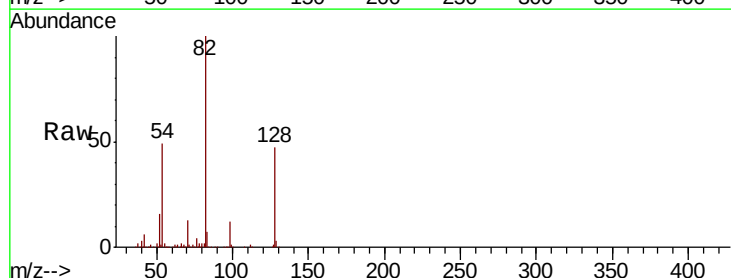
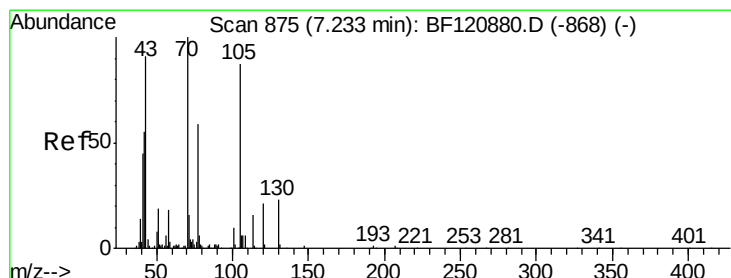
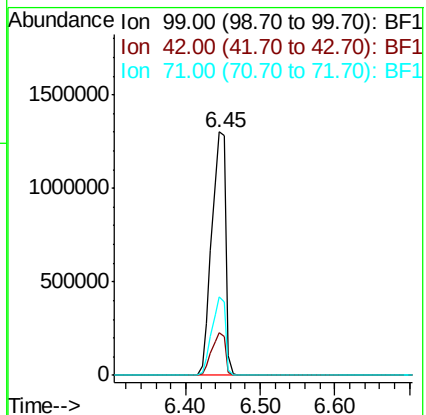
Tot Ion: 99 Resp: 1682092

Ion Ratio Lower Upper

99 100

42 17.5 13.1 19.7

71 32.3 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.978 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Tgt Ion: 70 Resp: 139825

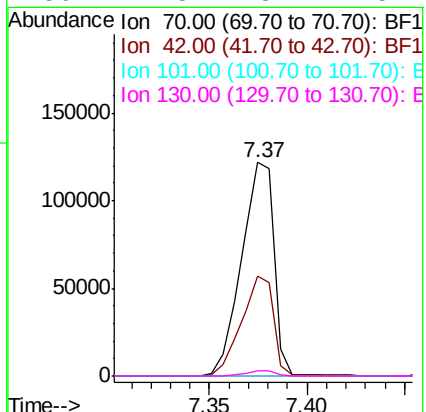
Ion Ratio Lower Upper

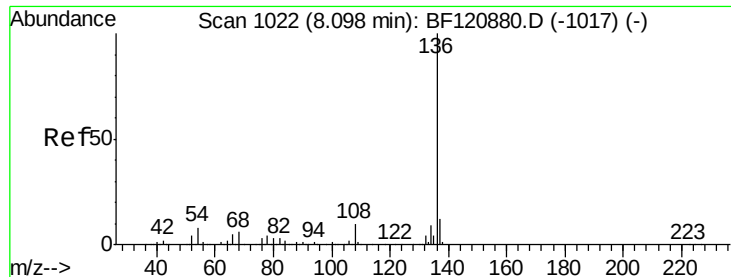
70 100

42 46.6 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

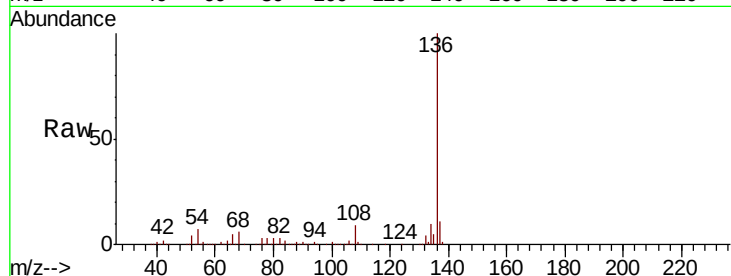




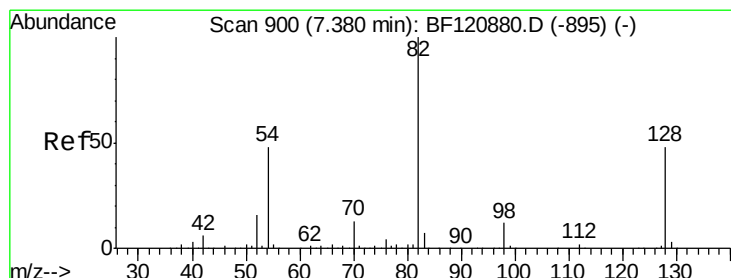
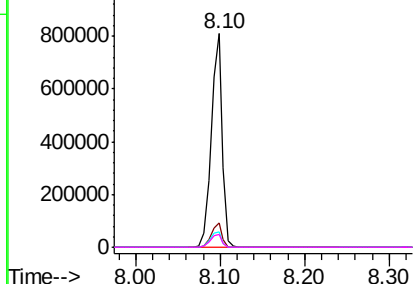
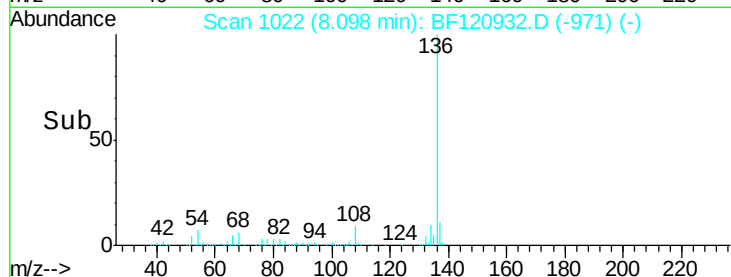
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120932.D
Acq: 20 Jul 2020 14:37

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tot Ion:136	Resp:	749142
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.3	13.9
54 7.0	6.3	9.5
68 5.8	5.0	7.4

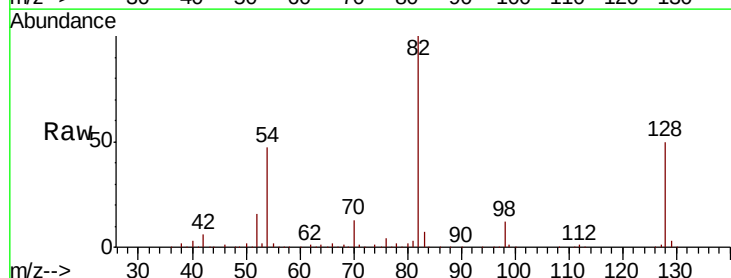


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

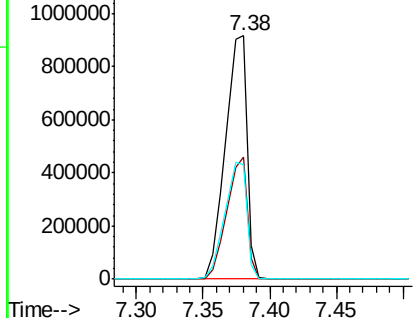
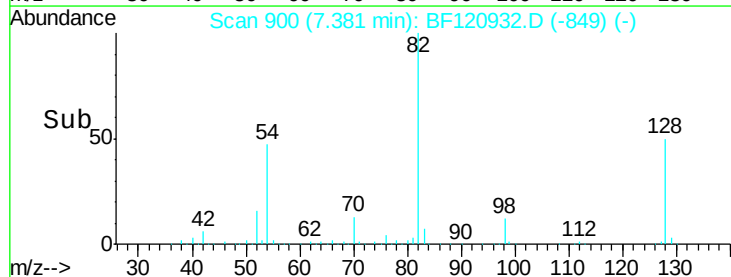


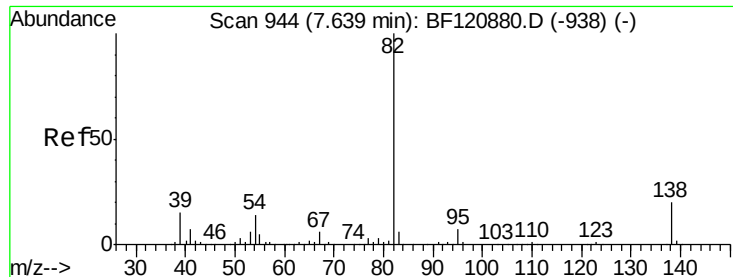
#23
Nitrobenzene-d5
Concen: 82.108 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120932.D
Acq: 20 Jul 2020 14:37

Tgt Ion: 82	Resp: 1063040
Ion Ratio	Lower Upper
82 100	
128 49.9	38.2 57.4
54 46.7	38.7 58.1



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: 40.804 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

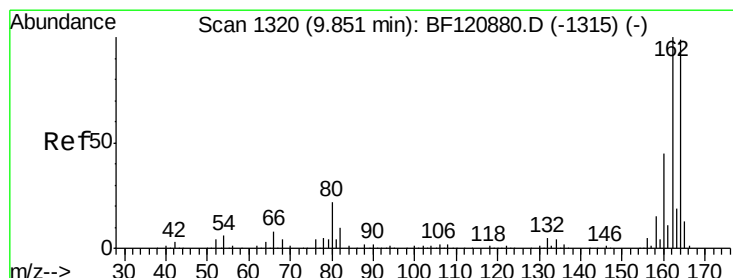
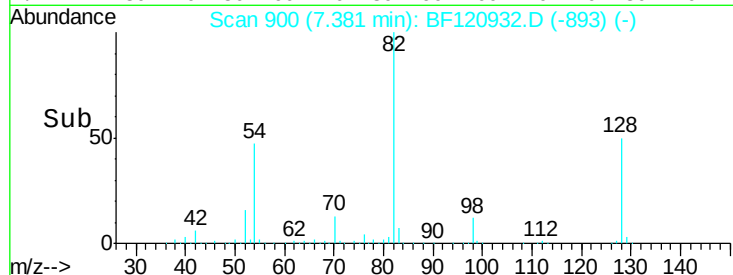
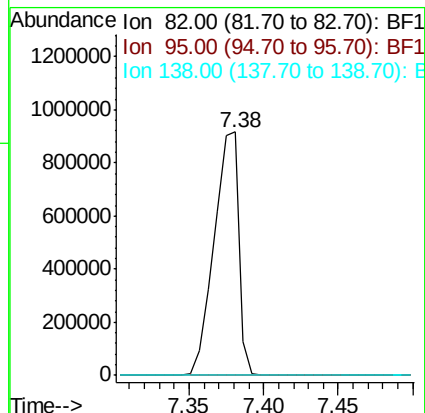
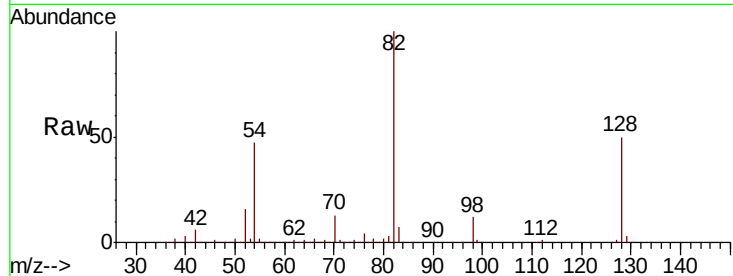
Tot Ion: 82 Resp: 1054331

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

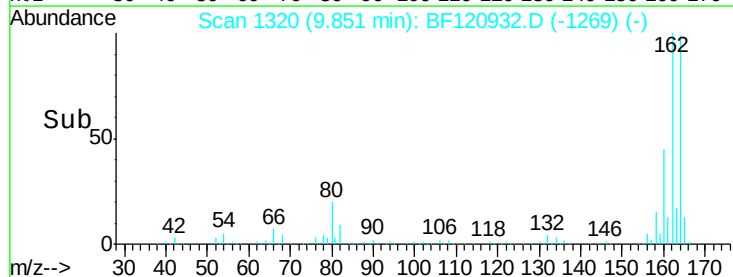
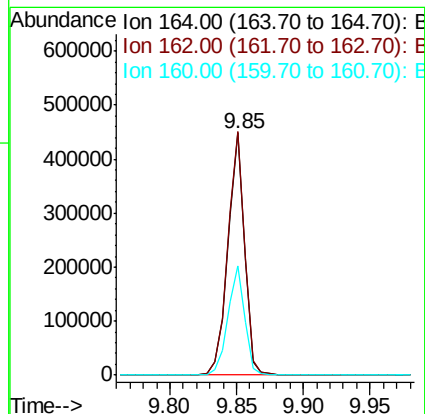
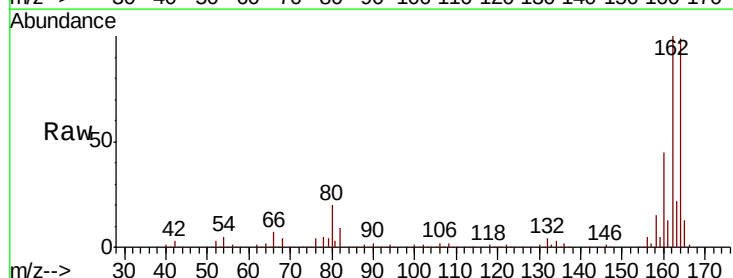
Tgt Ion:164 Resp: 396608

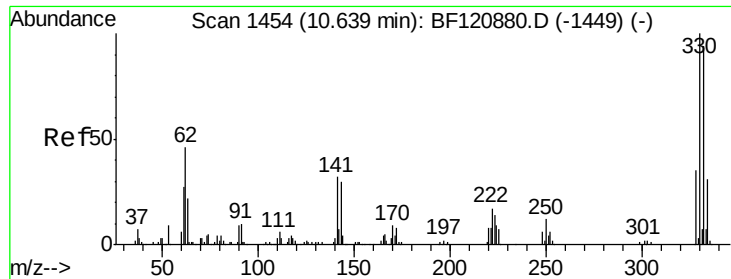
Ion Ratio Lower Upper

164 100

162 100.7 81.2 121.8

160 45.2 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 119.486 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

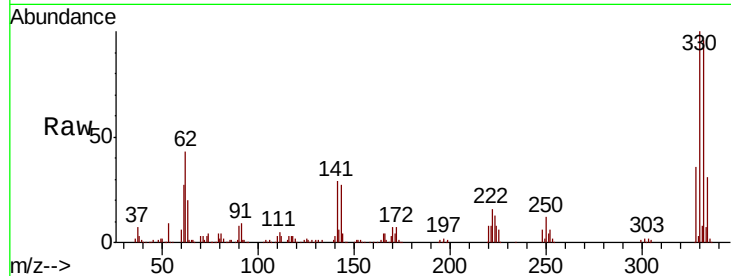
Tot Ion:330 Resp: 518720

Ion Ratio Lower Upper

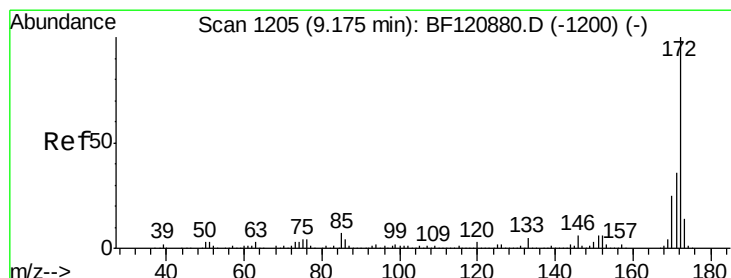
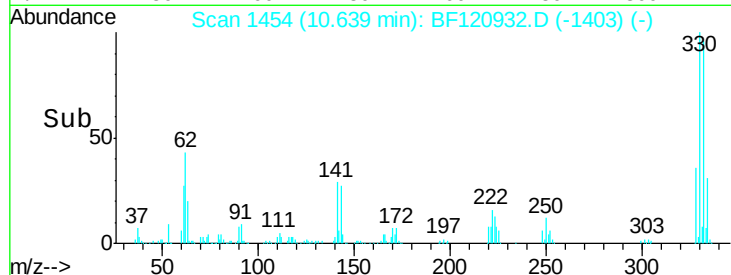
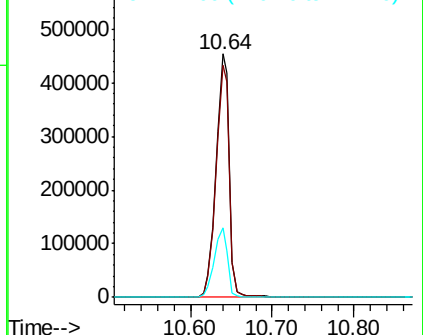
330 100

332 95.9 75.5 113.3

141 29.1 25.7 38.5



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: 70.806 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

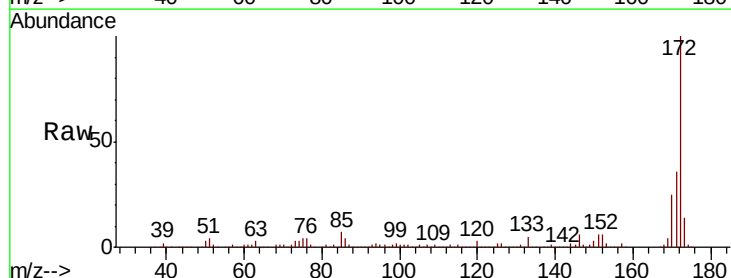
Tgt Ion:172 Resp: 1880880

Ion Ratio Lower Upper

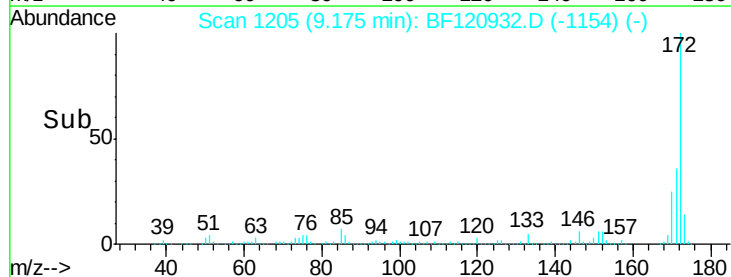
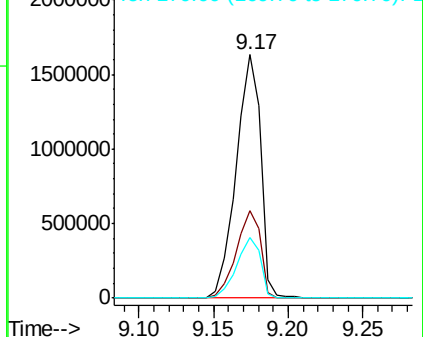
172 100

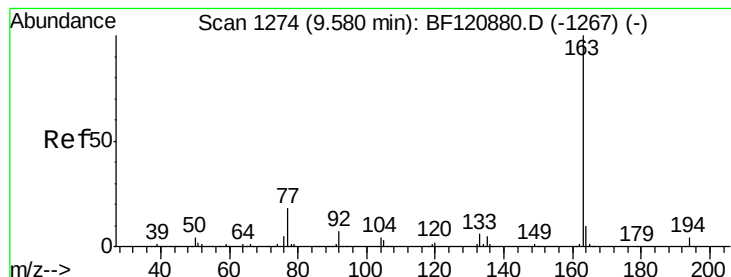
171 36.1 29.0 43.4

170 24.9 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: 9.944 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

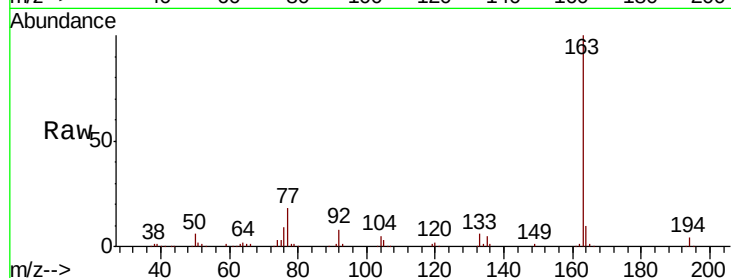
Tot Ion:163 Resp: 284533

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

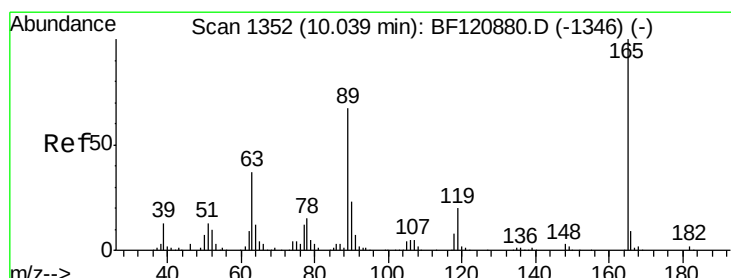
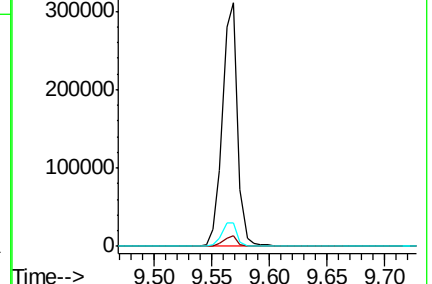
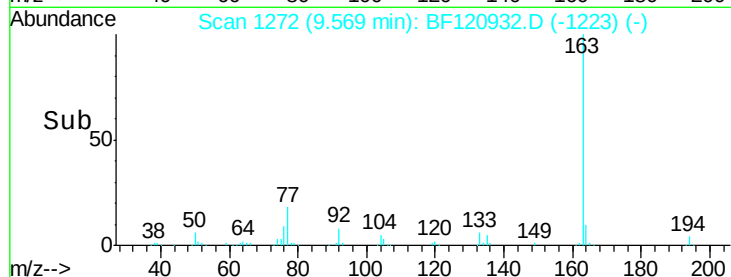
164 9.8 7.9 11.9



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: 6.343 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Tgt Ion:165 Resp: 51203

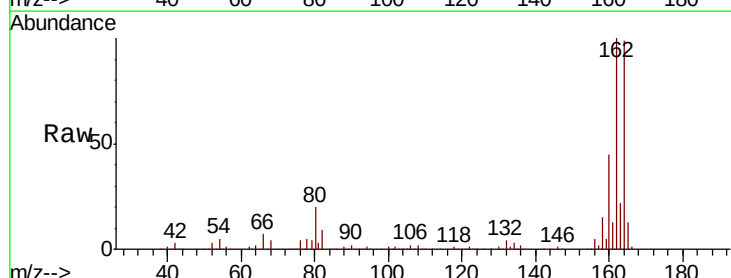
Ion Ratio Lower Upper

165 100

63 1.0 29.4 44.2#

89 1.3 53.4 80.0#

182 0.0 1.8 2.6#

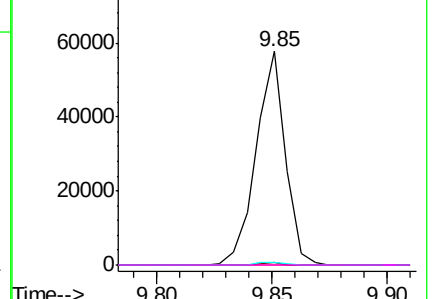
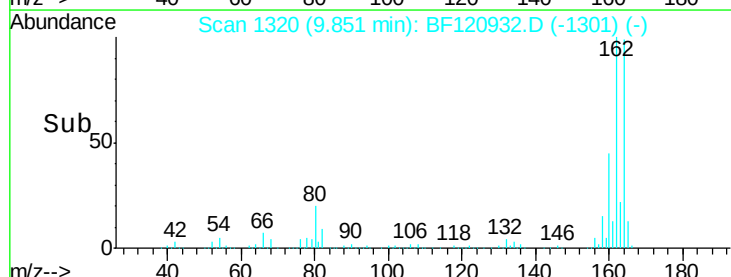


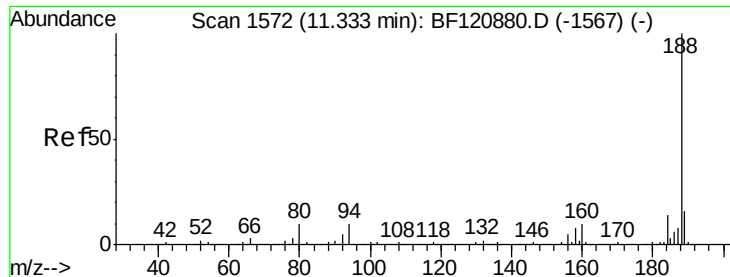
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

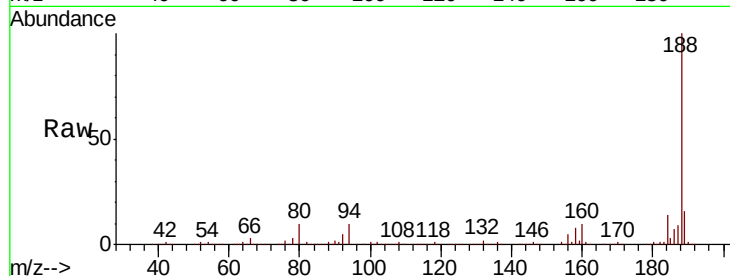
Tot Ion:188 Resp: 788125

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

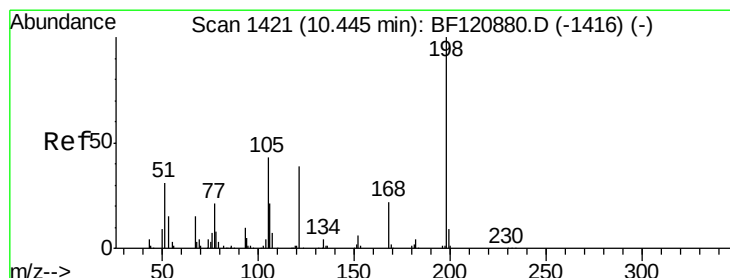
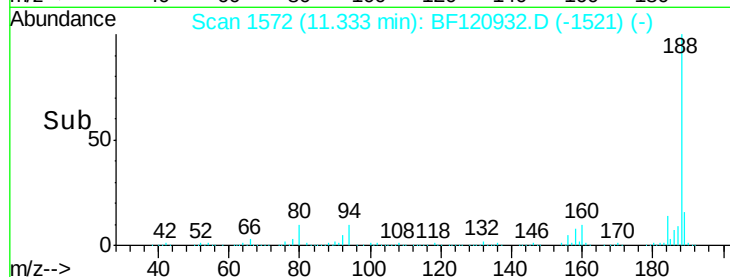
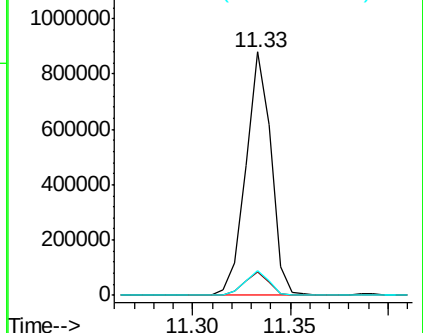
80 10.1 8.3 12.5



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: 4.048 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

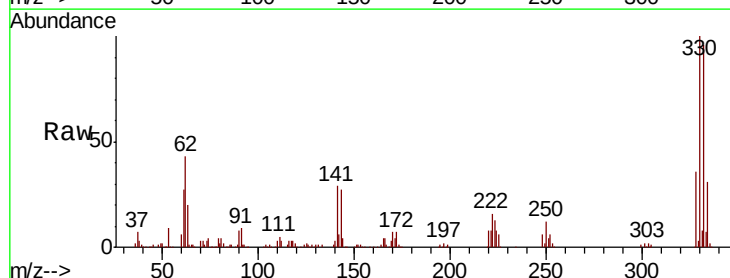
Tgt Ion:198 Resp: 1021

Ion Ratio Lower Upper

198 100

51 171.6 19.5 59.5#

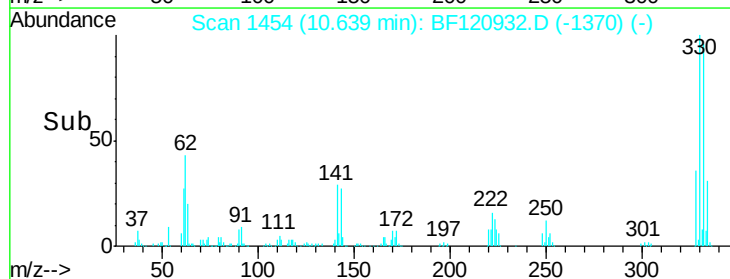
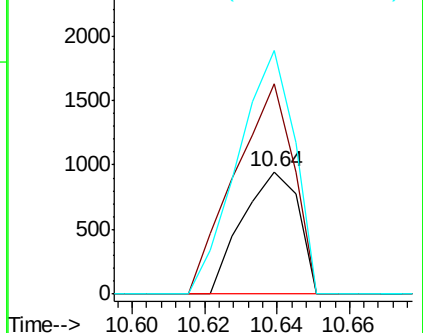
105 199.2 24.4 64.4#

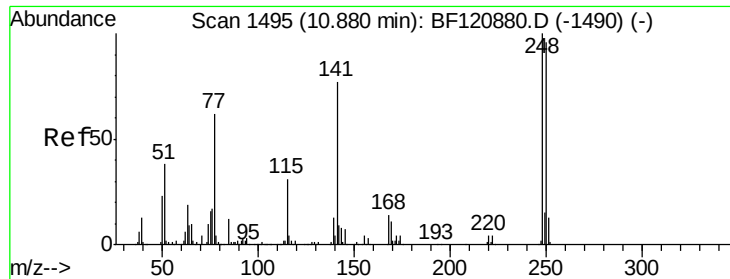


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

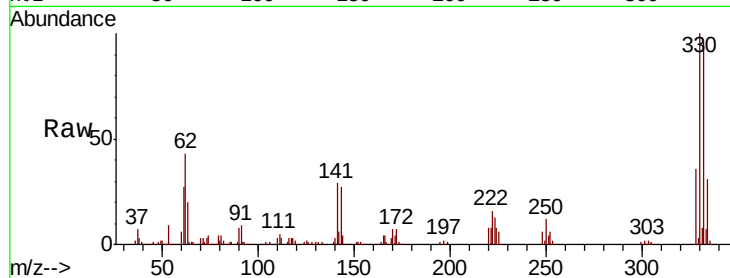




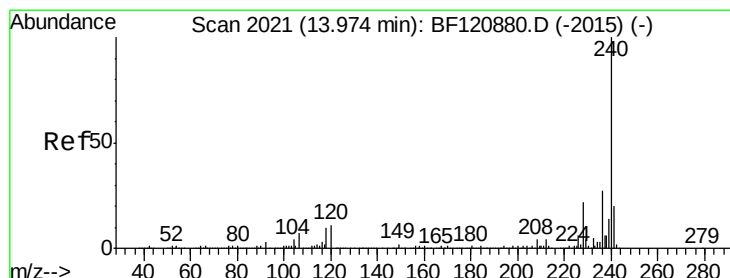
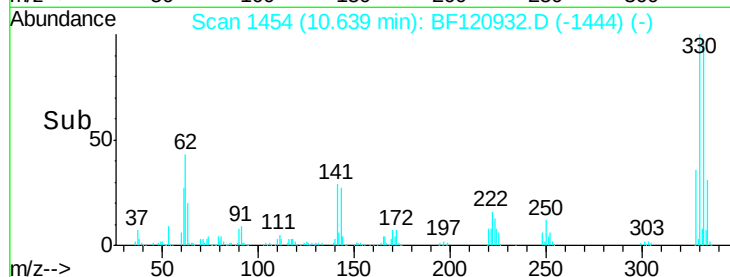
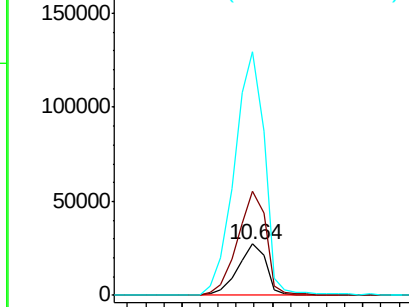
#67
 4-Bromophenyl-phenylether
 Concen: 3.391 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120932.D
 Acq: 20 Jul 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

Tot Ion:248 Resp: 29801
 Ion Ratio Lower Upper
 248 100
 250 202.9 77.1 115.7#
 141 475.3 61.2 91.8#

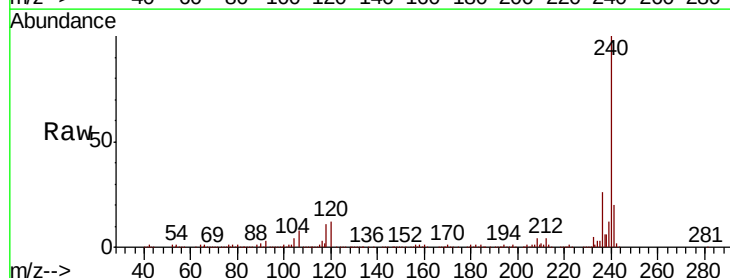


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

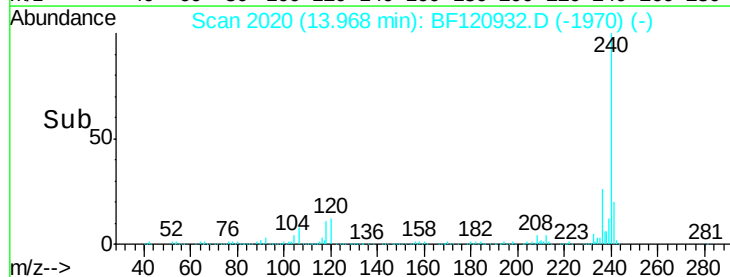
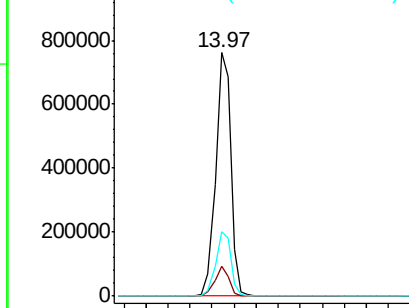


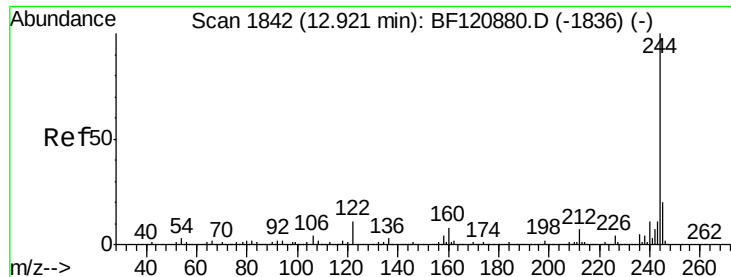
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120932.D
 Acq: 20 Jul 2020 14:37

Tgt Ion:240 Resp: 723107
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.0 13.4
 236 26.4 21.7 32.5



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: 61.571 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Instrument :

BNA_F

ClientSampleId :

TP-15-S

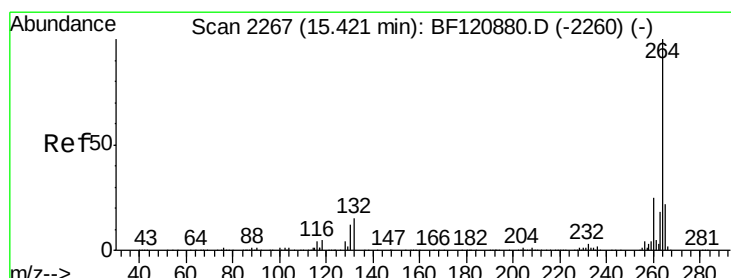
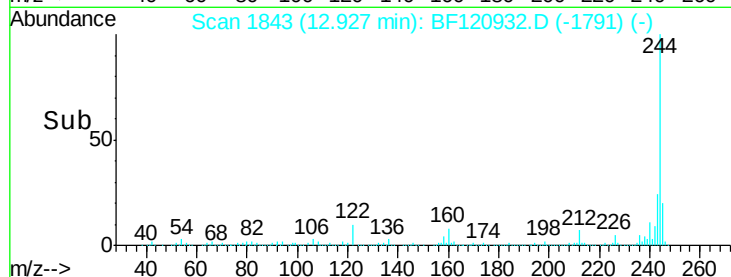
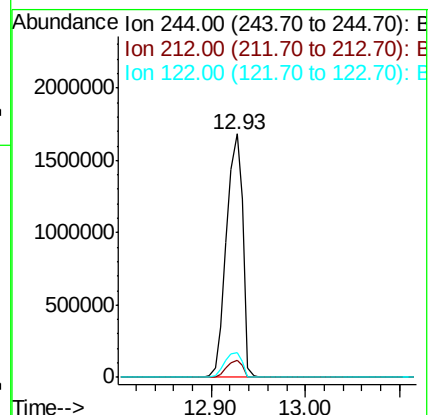
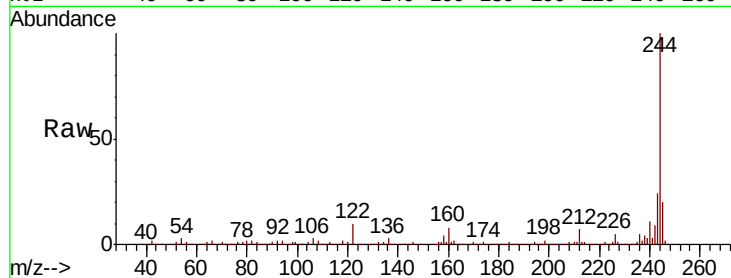
Tot Ion:244 Resp: 2048143

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120932.D

Acq: 20 Jul 2020 14:37

Tgt Ion:264 Resp: 708271

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 21.8 17.4 26.2

