

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120154.D
 Acq On : 23 Apr 2020 5:39
 Operator : MA/SJ
 Sample : L2359-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1B-D

Quant Time: Apr 23 06:44:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

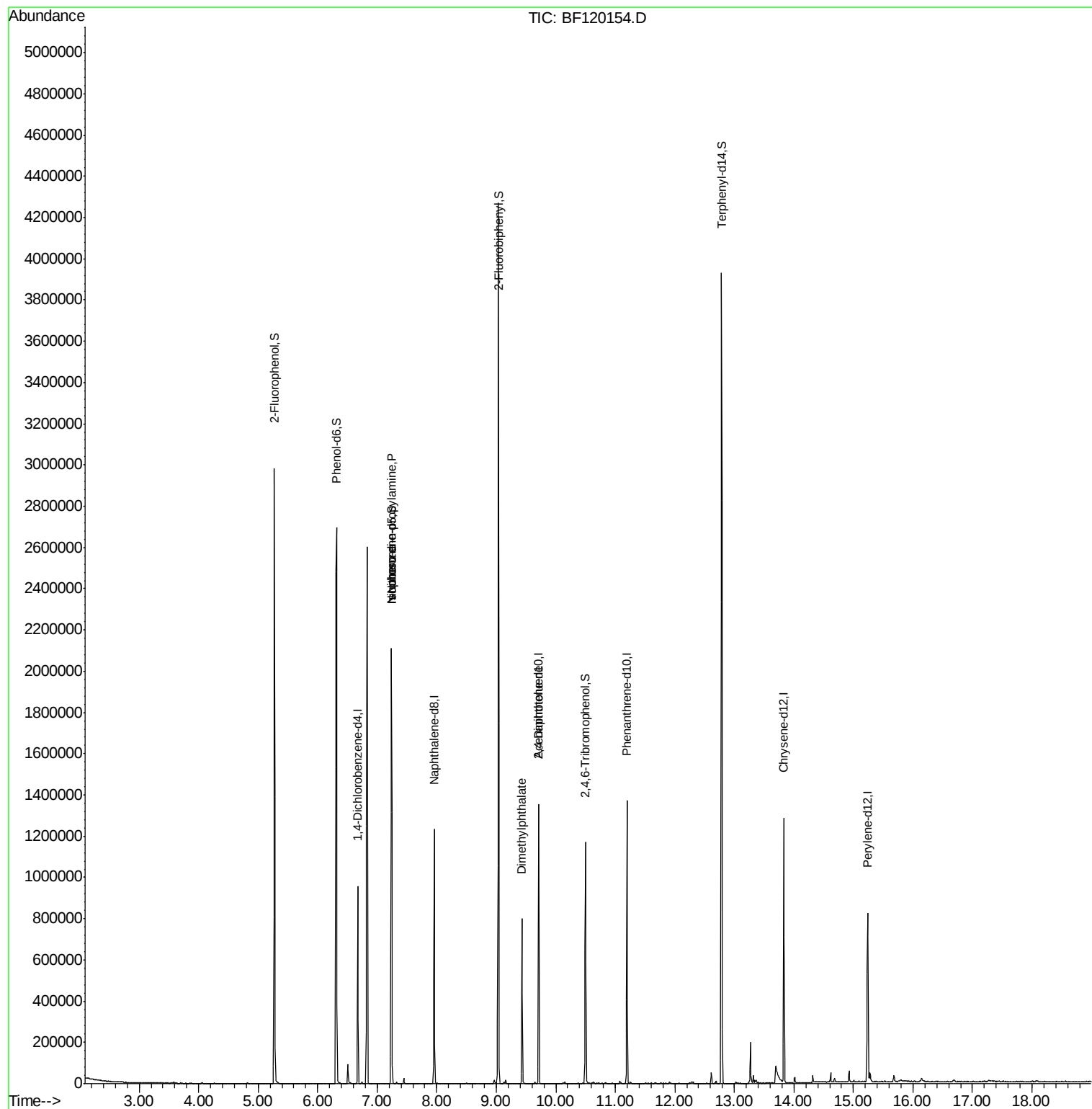
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	137303	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	535783	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	276401	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	527695	20.00	ng	0.00
76) Chrysene-d12	13.83	240	411398	20.00	ng	-0.02
87) Perylene-d12	15.24	264	349917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	739979	93.14	ng	0.00
7) Phenol-d6	6.32	99	955934	93.38	ng	-0.01
23) Nitrobenzene-d5	7.24	82	645591	62.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	119112	35.20	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1267647	65.11	ng	-0.01
79) Terphenyl-d14	12.79	244	1380576	56.47	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	1078	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	83141	12.629 ng	#	75
25) Isophorone	7.24	82	645578	32.336 ng	#	65
50) Dimethylphthalate	9.43	163	277431	12.977 ng		99
57) 2,4-Dinitrotoluene	9.71	165	34898	5.658 ng	#	20

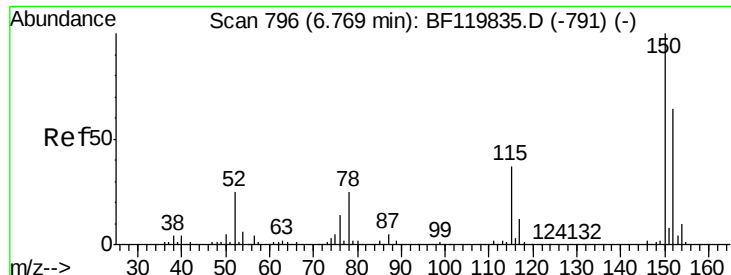
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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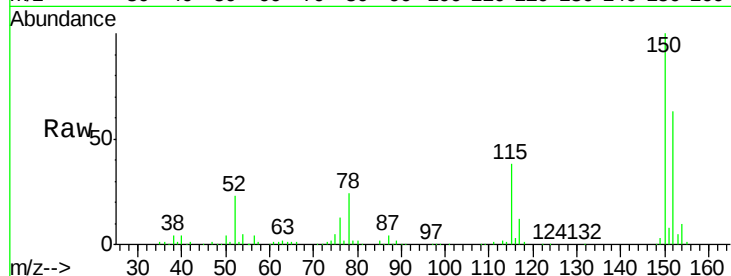


#1

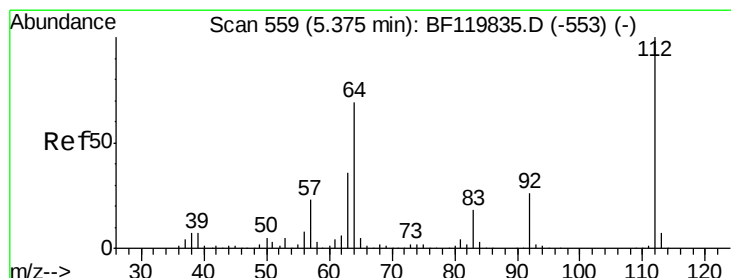
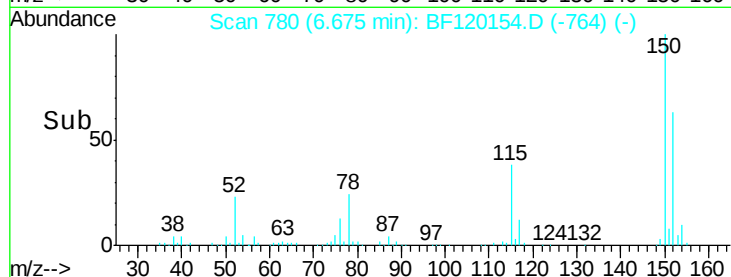
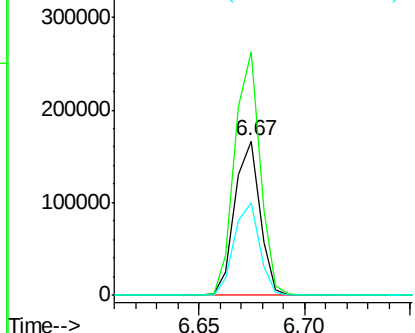
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Instrument :
BNA_F
ClientSampleId :
TP-1B-D

Tot Ion:152 Resp: 137303
Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 60.3 49.6 74.4



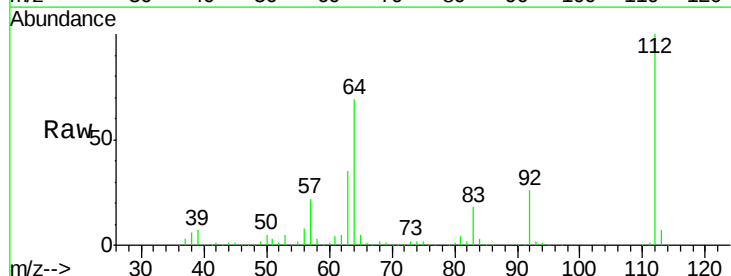
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



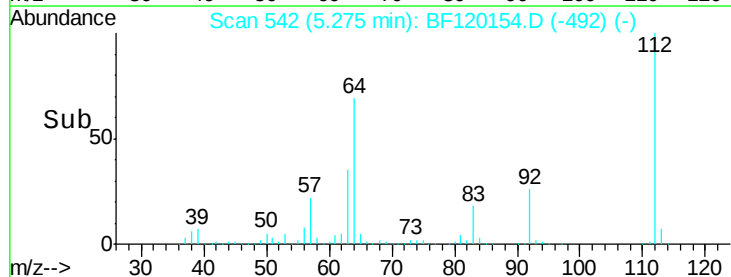
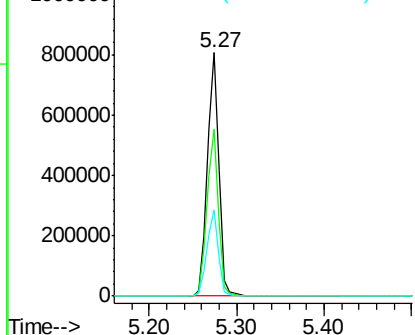
#5

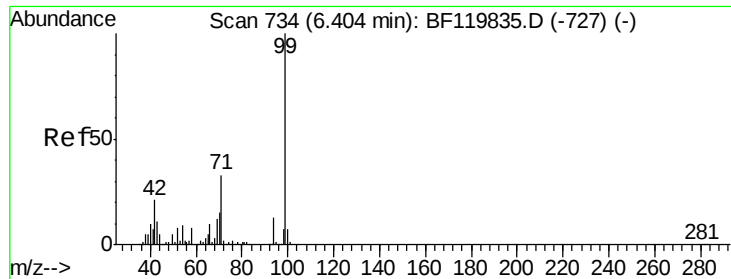
2-Fluorophenol
Concen: 93.139 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Tgt Ion:112 Resp: 739979
Ion Ratio Lower Upper
112 100
64 68.6 56.7 85.1
63 35.2 29.5 44.3



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: 93.376 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Instrument :

BNA_F

ClientSampleId :

TP-1B-D

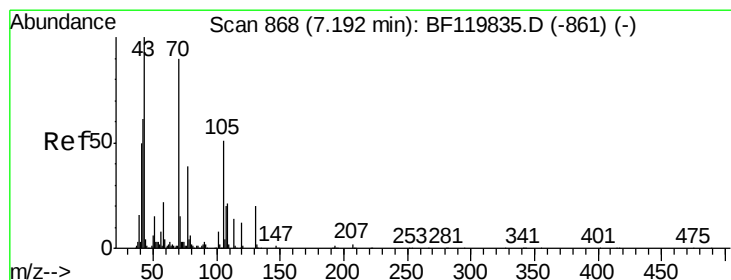
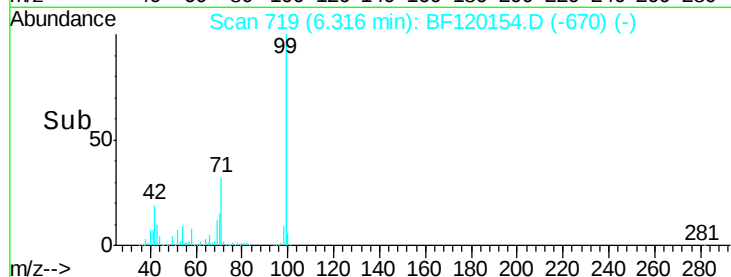
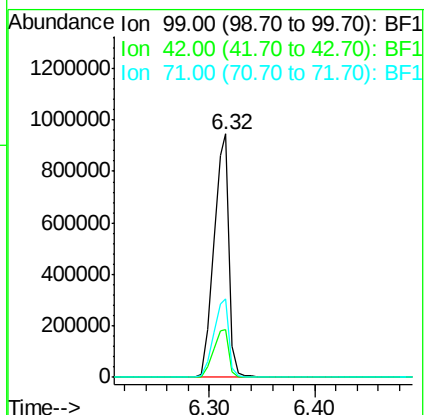
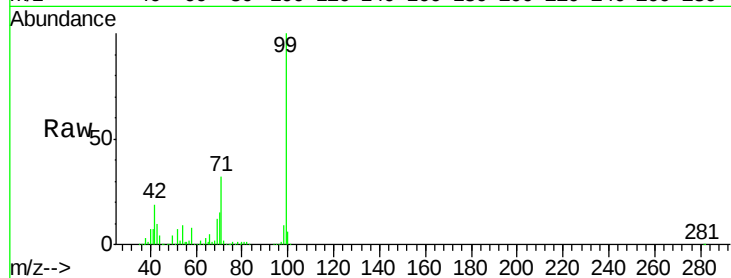
Tot Ion: 99 Resp: 955934

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.629 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Tgt Ion: 70 Resp: 83141

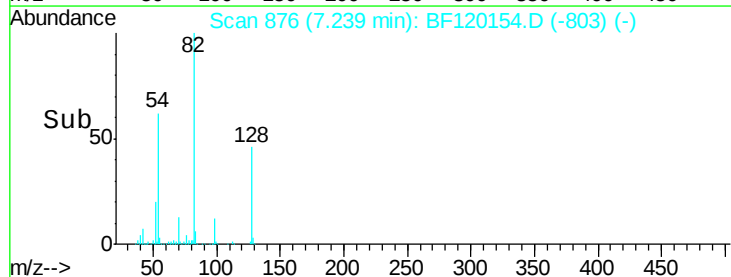
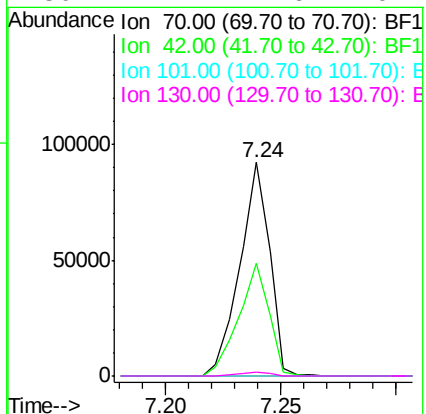
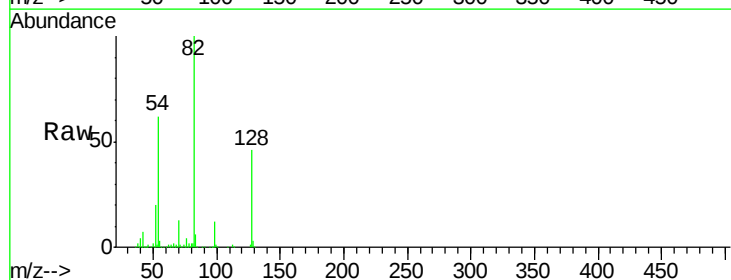
Ion Ratio Lower Upper

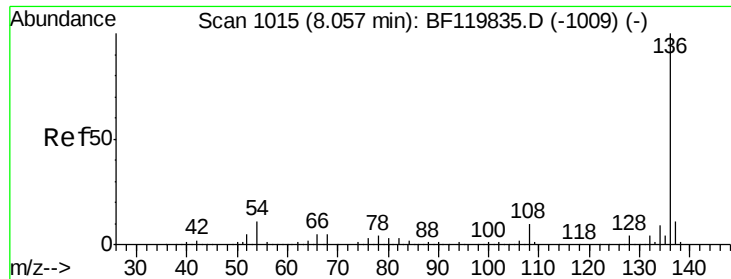
70 100

42 52.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

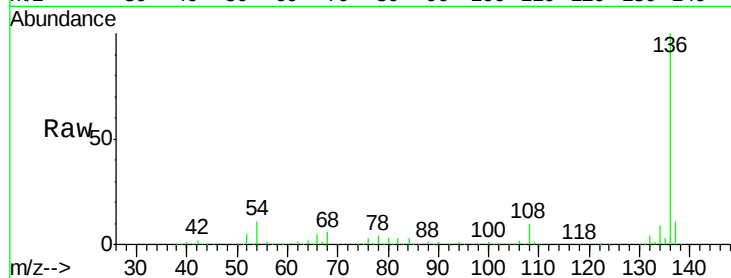




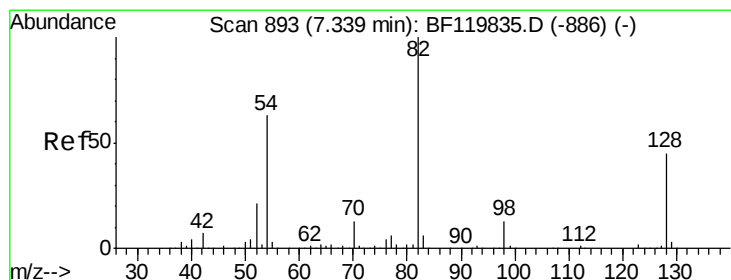
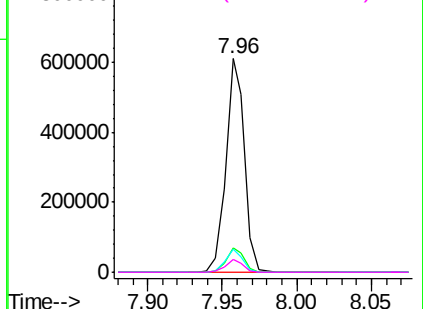
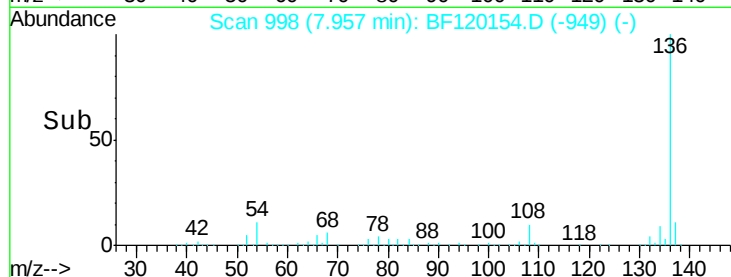
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Instrument :
BNA_F
ClientSampleID :
TP-1B-D

Tot Ion:136 Resp: 535783
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.8 9.1 13.7
68 5.8 4.6 6.8

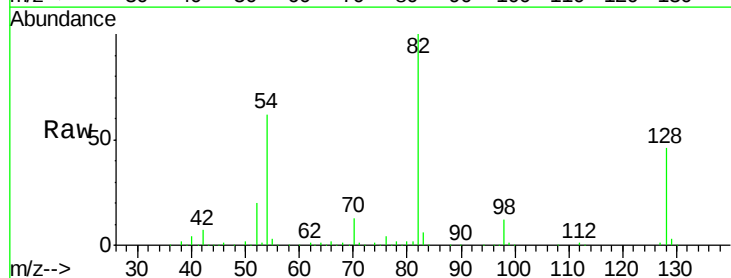


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

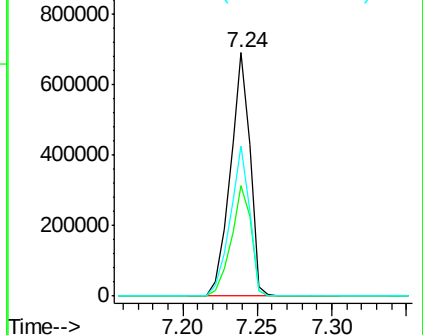
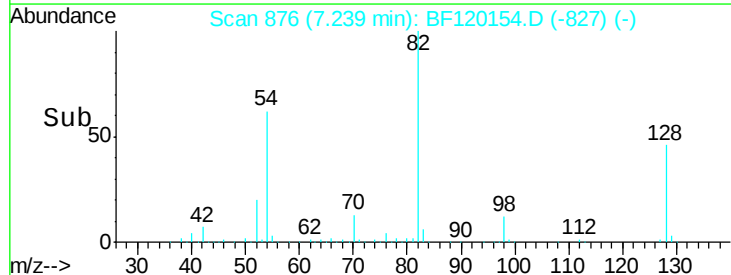


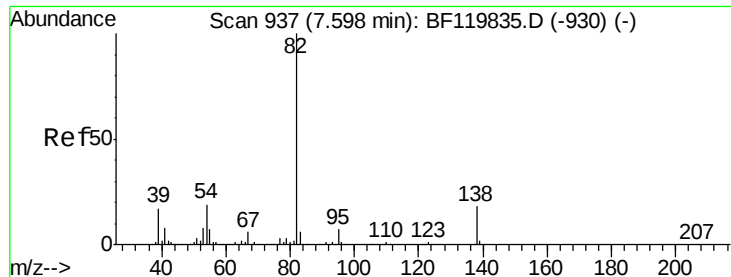
#23
Nitrobenzene-d5
Concen: 62.336 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Tgt Ion: 82 Resp: 645591
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 61.8 50.6 75.8



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: 32.336 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Instrument :

BNA_F

ClientSampleId :

TP-1B-D

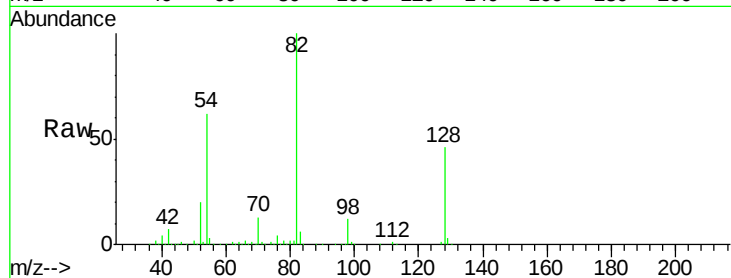
Tot Ion: 82 Resp: 645578

Ion Ratio Lower Upper

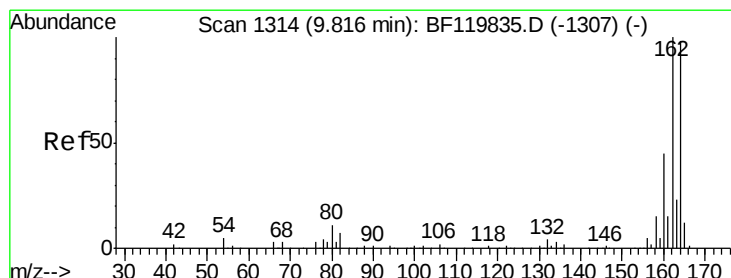
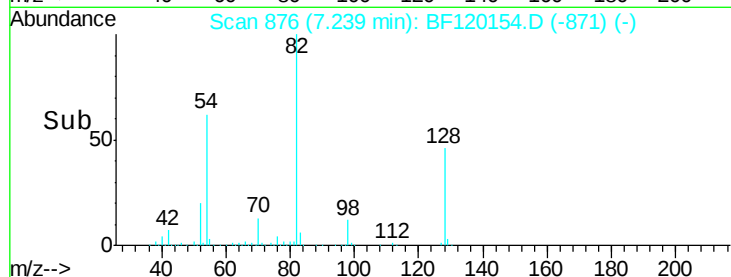
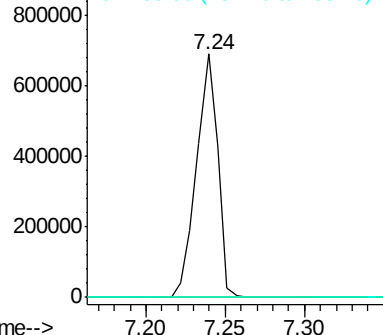
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

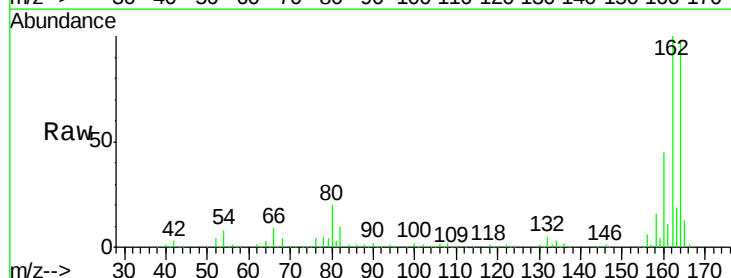
Tgt Ion: 164 Resp: 276401

Ion Ratio Lower Upper

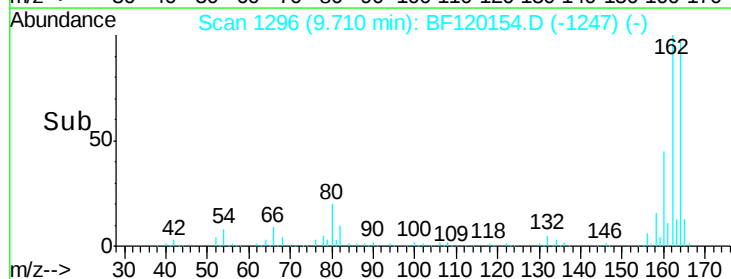
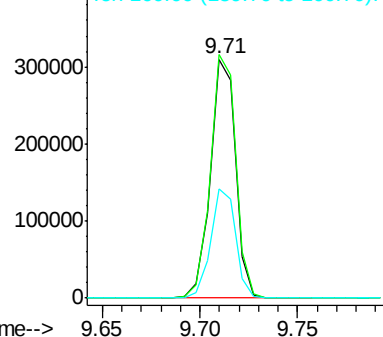
164 100

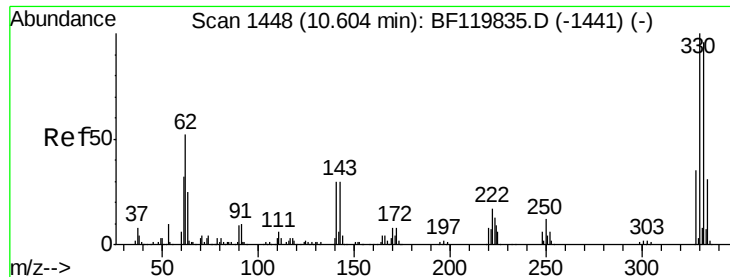
162 101.9 80.6 121.0

160 45.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 35.198 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Instrument :

BNA_F

ClientSampleId :

TP-1B-D

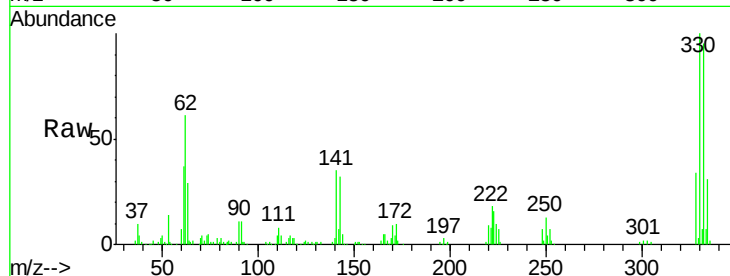
Tot Ion:330 Resp: 119112

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

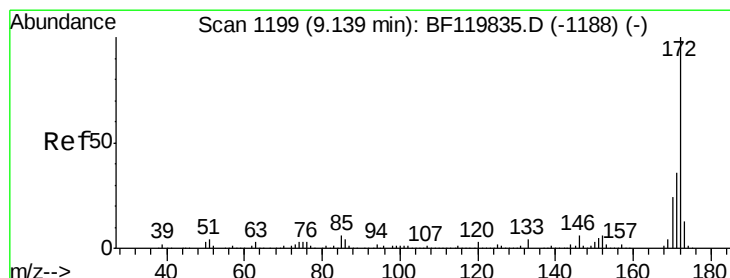
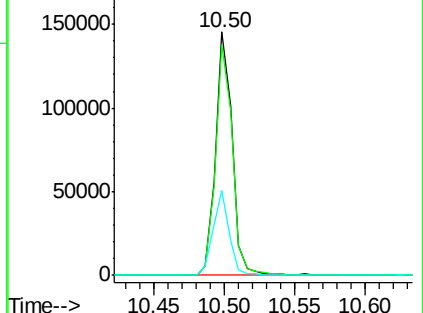
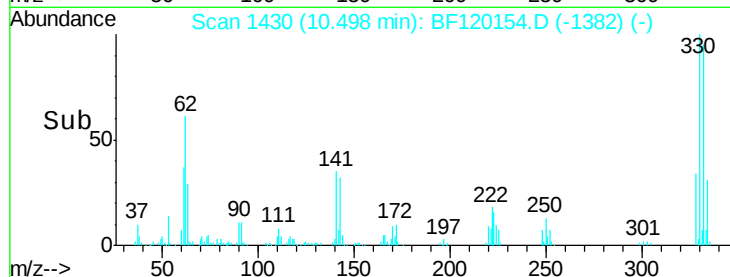
141 33.8 25.4 38.0



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: 65.115 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

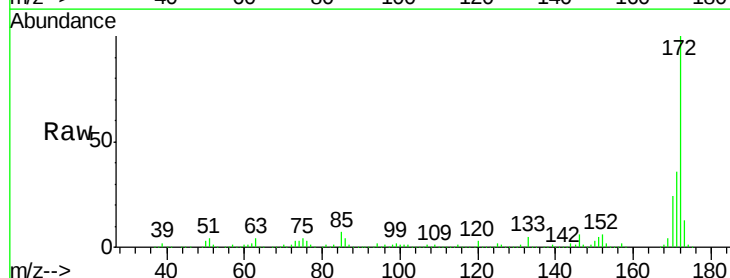
Tgt Ion:172 Resp: 1267647

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

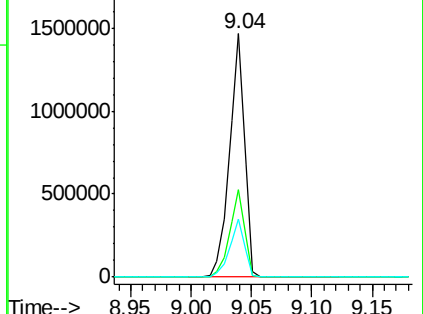
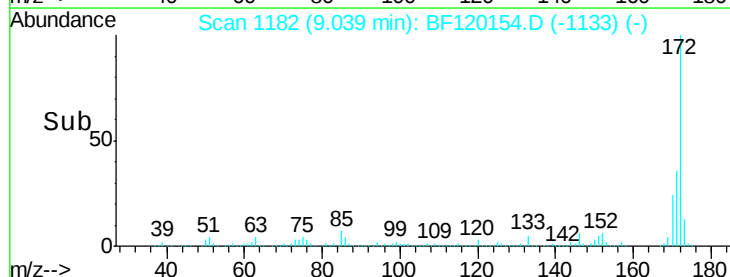
170 24.0 20.2 30.2

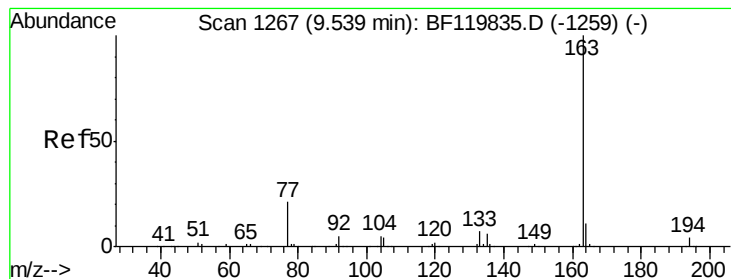


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.977 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Instrument :

BNA_F

ClientSampleID :

TP-1B-D

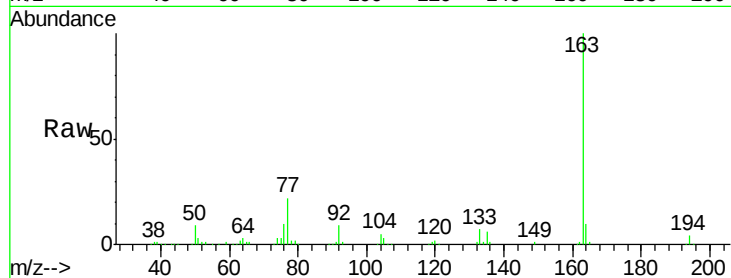
Tot Ion:163 Resp: 277431

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

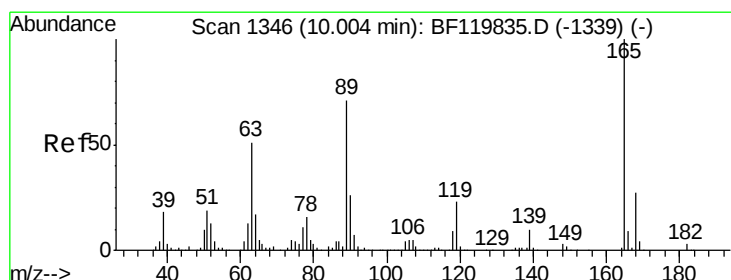
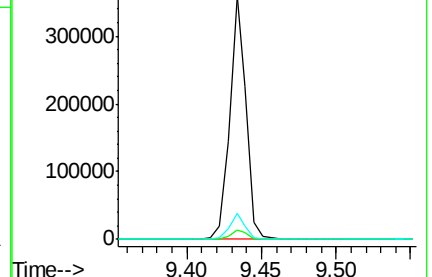
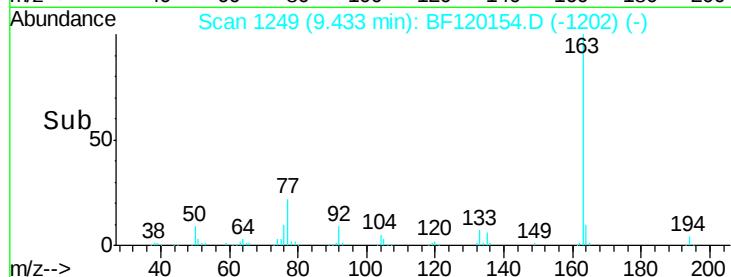
164 10.5 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.658 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.21 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Tgt Ion:165 Resp: 34898

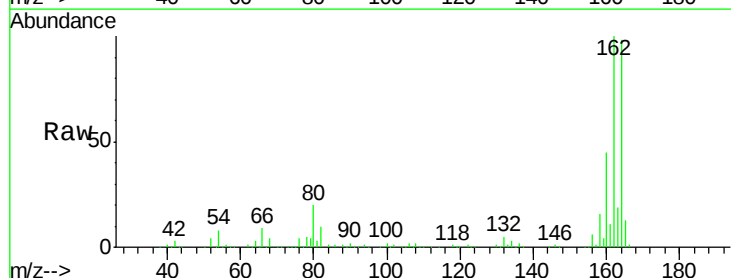
Ion Ratio Lower Upper

165 100

63 1.4 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

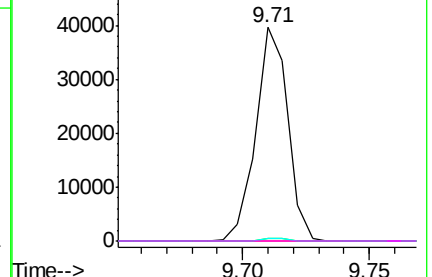
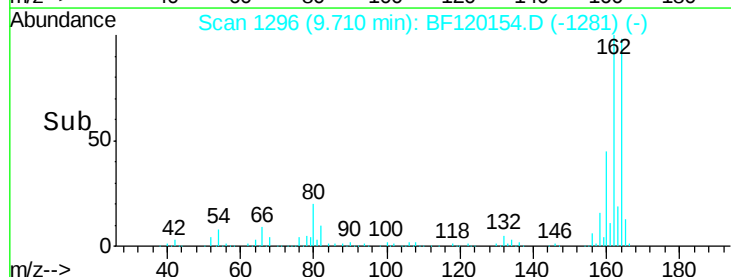


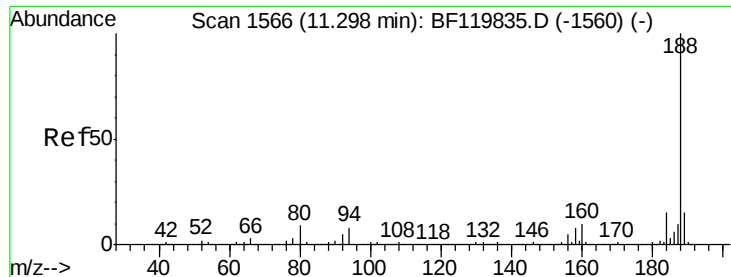
Abundance Ion 165.00 (164.70 to 165.70): E

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

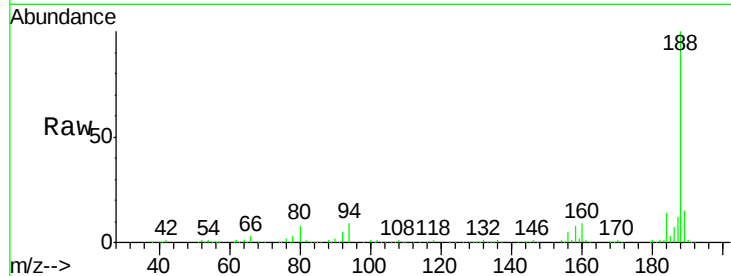




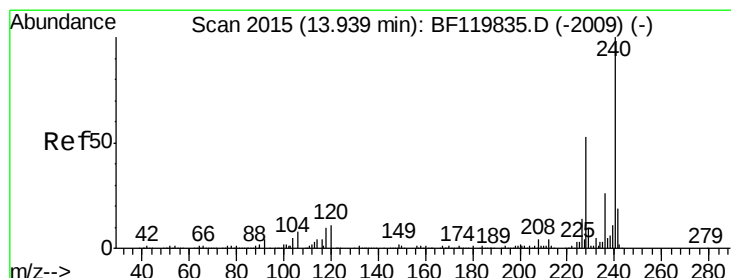
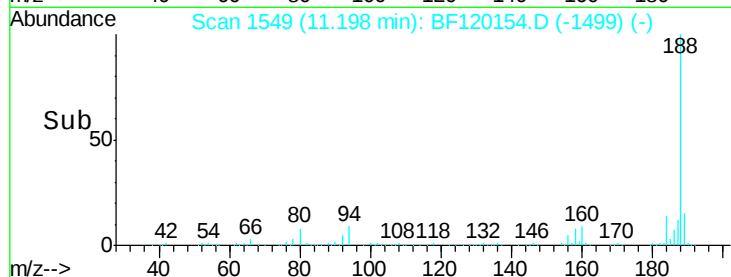
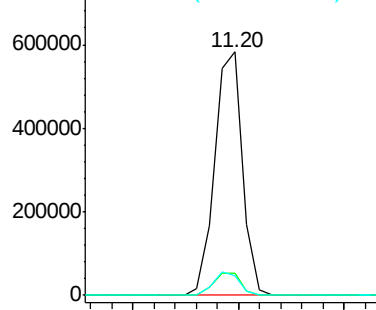
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Instrument :
BNA_F
ClientSampleId :
TP-1B-D

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	8.3	9.0	13.4

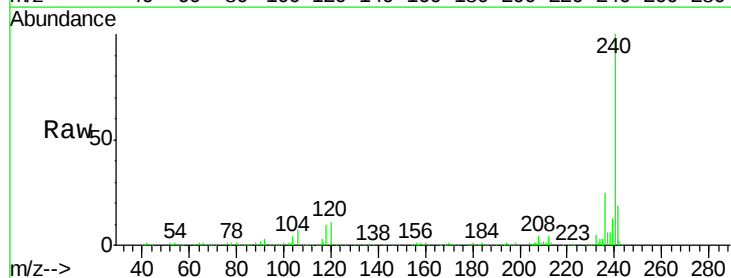


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

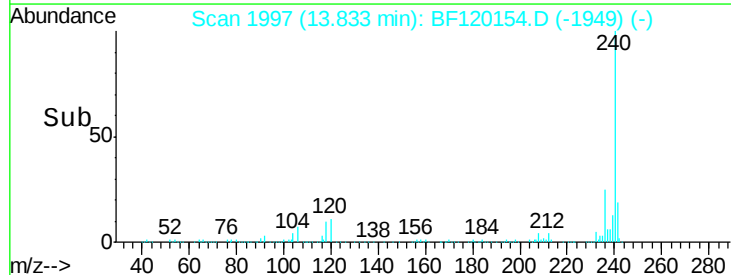
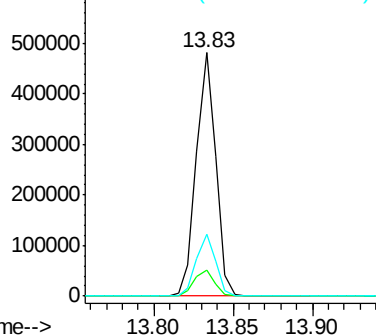


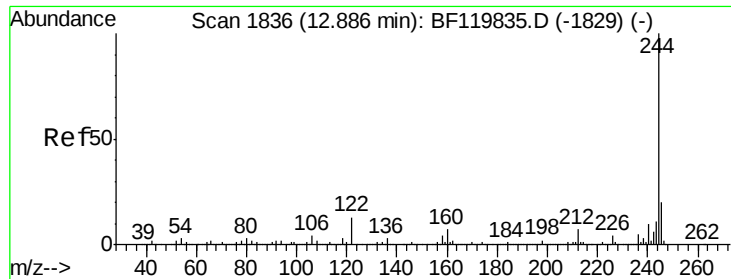
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120154.D
Acq: 23 Apr 2020 5:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.6	15.8
236	25.4	20.2	30.2



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: 56.467 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

Instrument :

BNA_F

ClientSampleId :

TP-1B-D

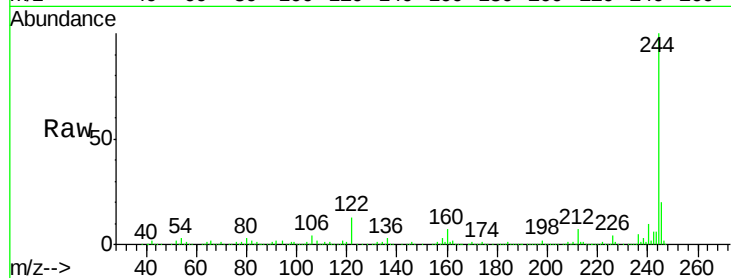
Tot Ion:244 Resp: 1380576

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

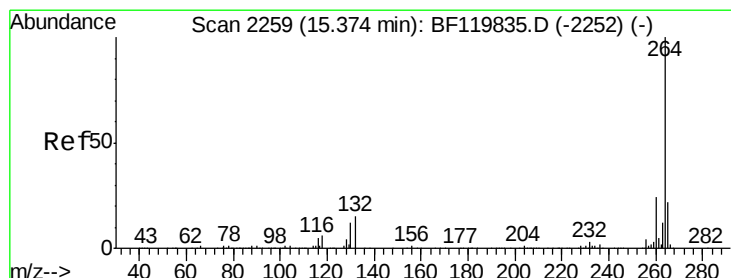
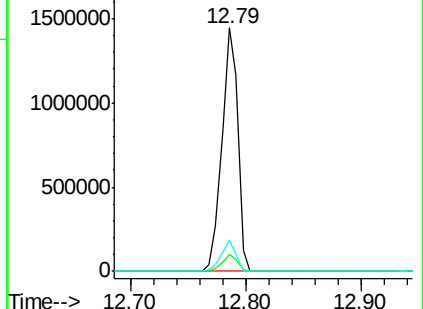
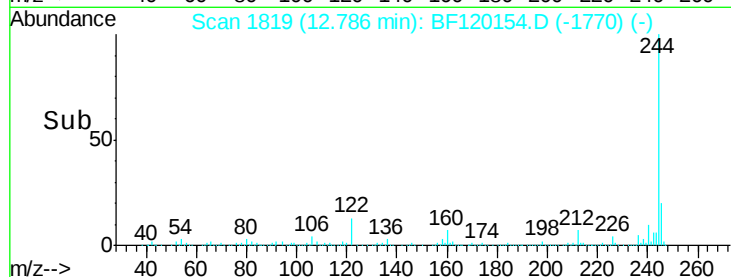
122 12.9 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF120154.D

Acq: 23 Apr 2020 5:39

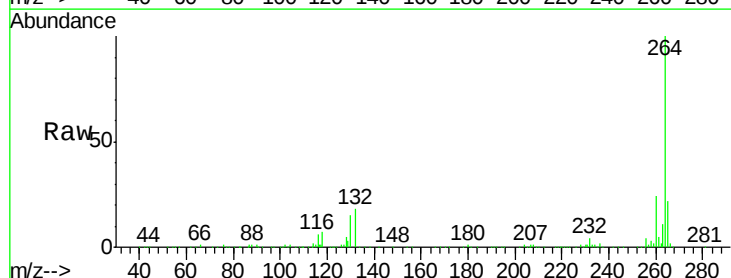
Tgt Ion:264 Resp: 349917

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.2 17.7 26.5



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

