

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120119.D
 Acq On : 21 Apr 2020 22:56
 Operator : MA/SJ
 Sample : L2327-26
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Apr 22 01:50:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

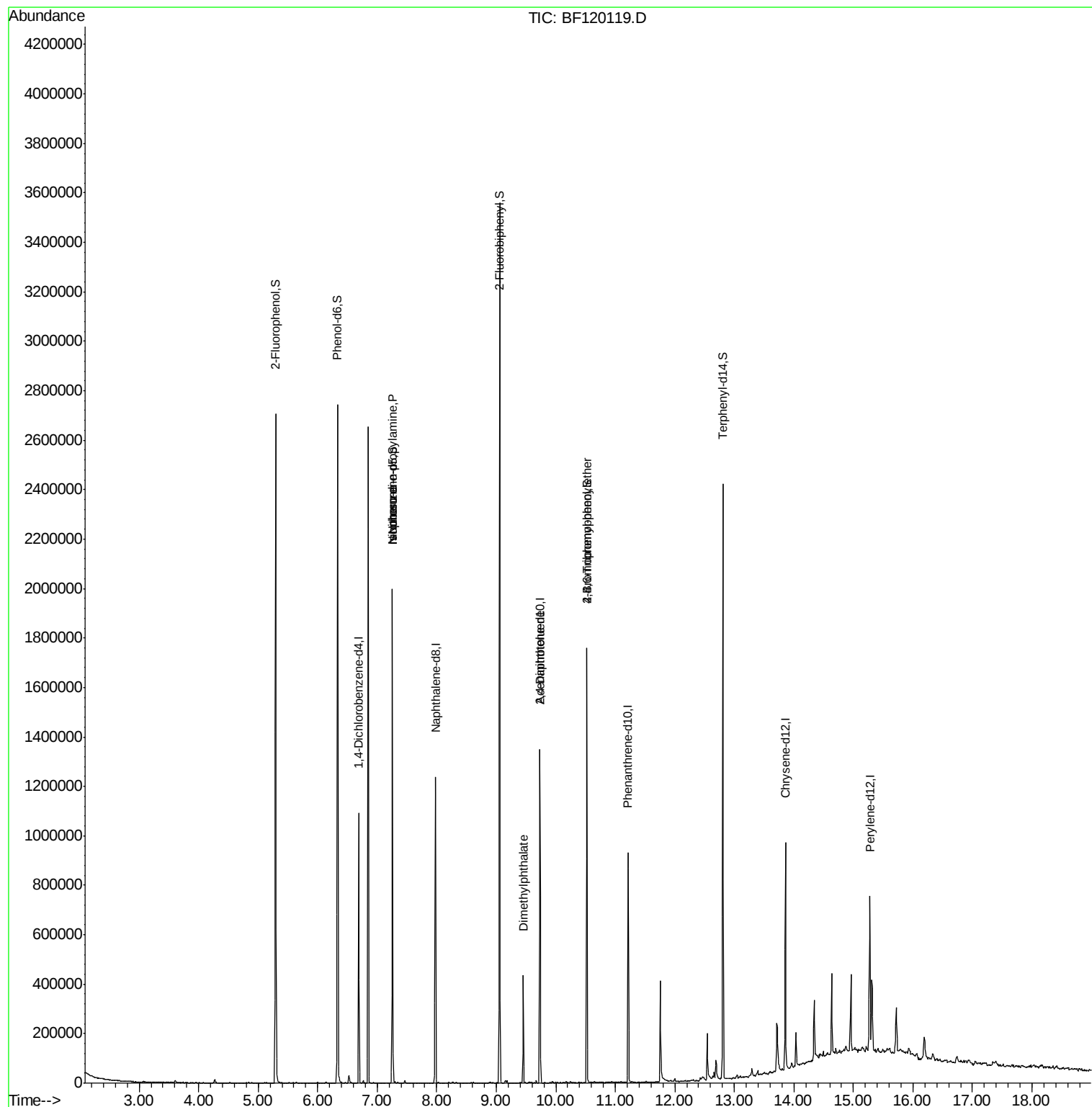
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	144307	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	534465	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	235464	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	350881	20.00	ng	0.00
76) Chrysene-d12	13.86	240	281407	20.00	ng	-0.01
87) Perylene-d12	15.27	264	257079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	746414	89.39	ng	0.00
7) Phenol-d6	6.33	99	972093	90.35	ng	0.00
23) Nitrobenzene-d5	7.26	82	590454	57.15	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	174951	60.69	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1094497	66.00	ng	0.00
79) Terphenyl-d14	12.81	244	808126	48.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	1606	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.26	70	76543	11.063	ng	# 77
25) Isophorone	7.26	82	590221	29.637	ng	# 65
50) Dimethylphthalate	9.45	163	166763	9.156	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	30585	5.821	ng	# 22
67) 4-Bromophenyl-phenylether	10.52	248	10906	2.499	ng	# 1

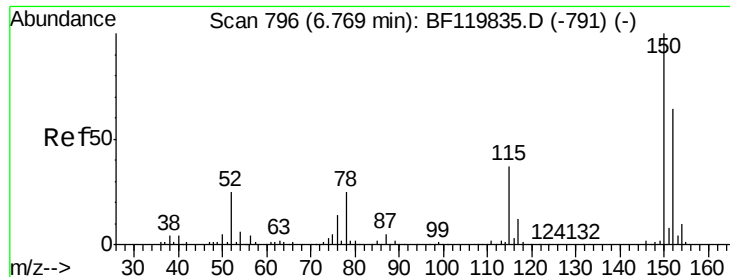
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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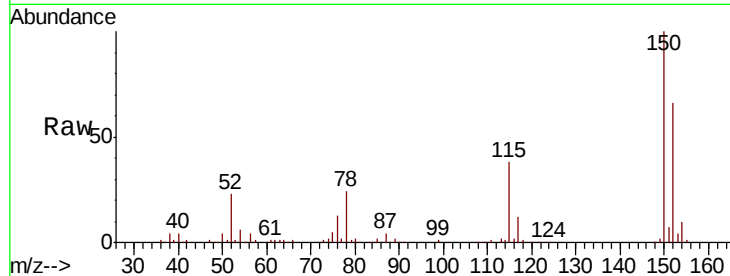


#1

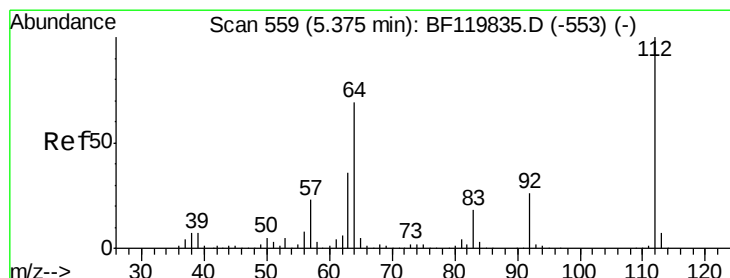
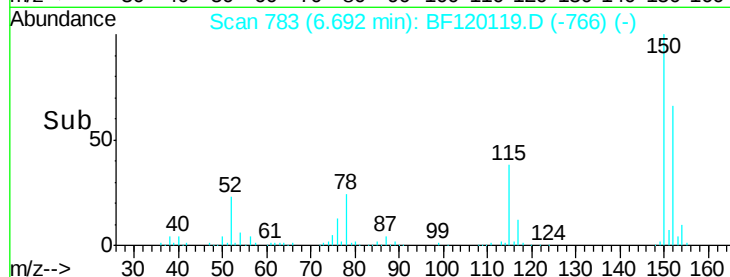
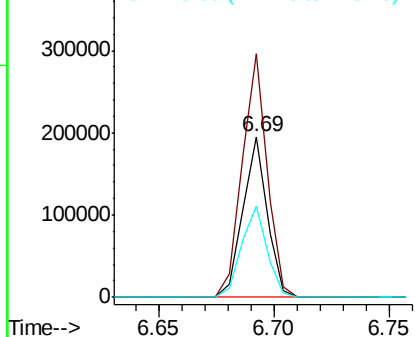
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion:152 Resp: 144307
Ion Ratio Lower Upper
152 100
150 151.7 124.8 187.2
115 57.0 46.5 69.7



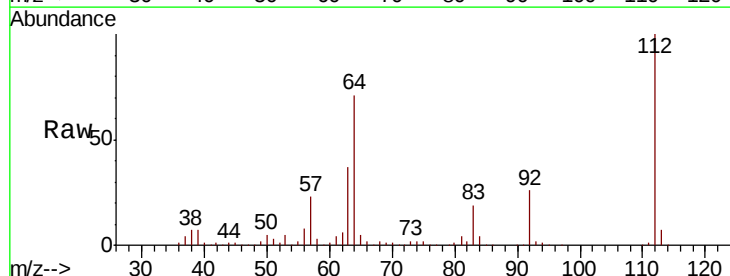
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



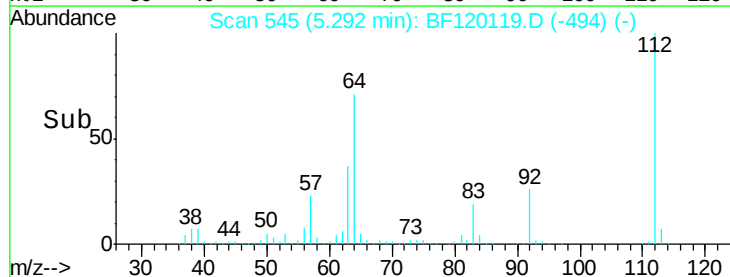
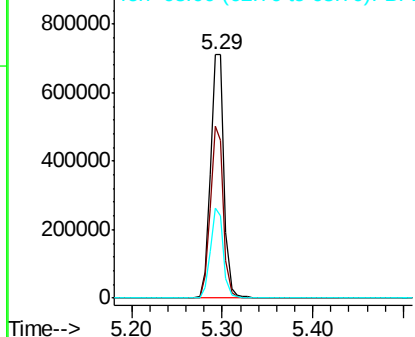
#5

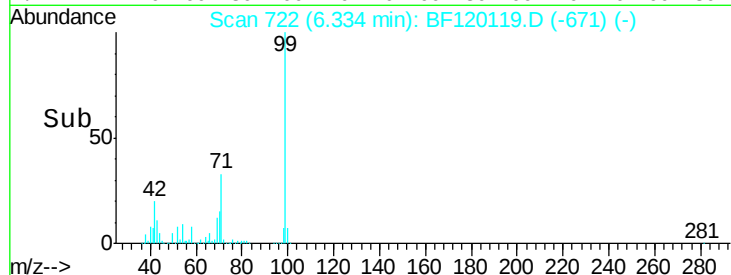
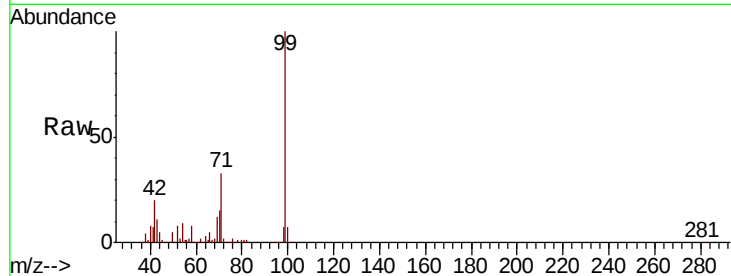
2-Fluorophenol
Concen: 89.389 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion:112 Resp: 746414
Ion Ratio Lower Upper
112 100
64 70.7 55.5 83.3
63 36.8 29.1 43.7



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: 90.346 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

TP-1-S

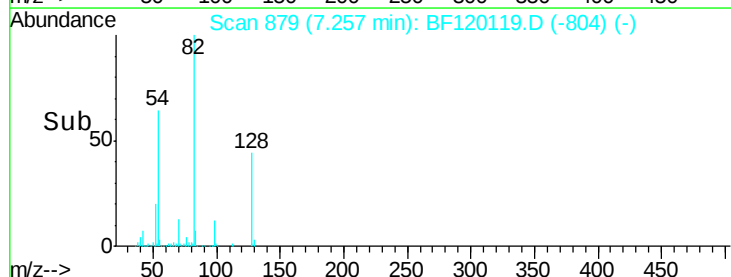
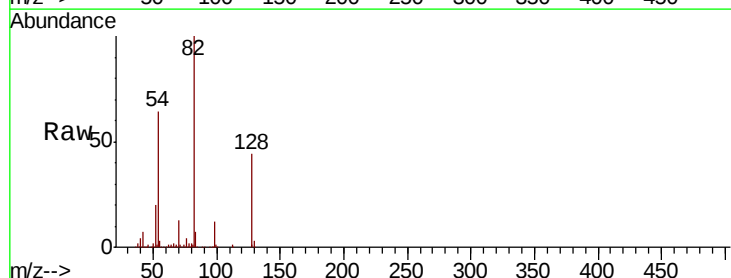
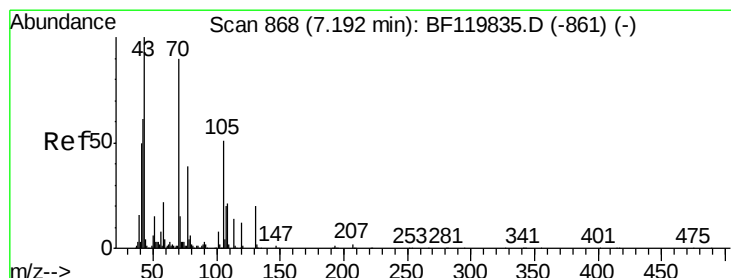
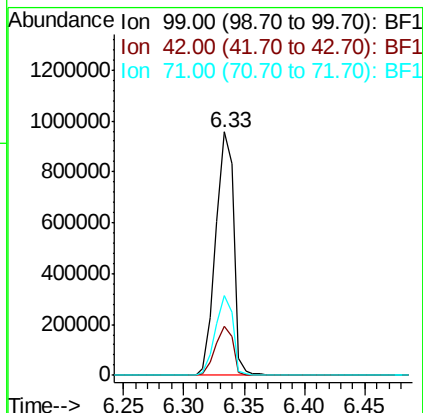
Tot Ion: 99 Resp: 972093

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 32.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.063 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Tgt Ion: 70 Resp: 76543

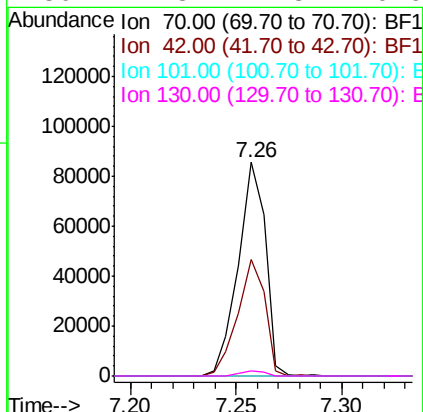
Ion Ratio Lower Upper

70 100

42 54.7 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

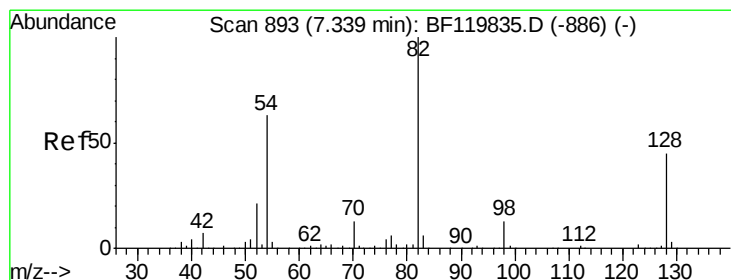
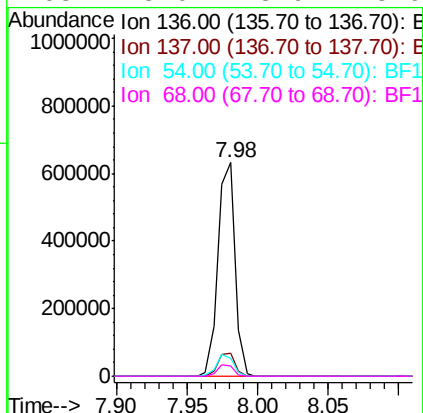
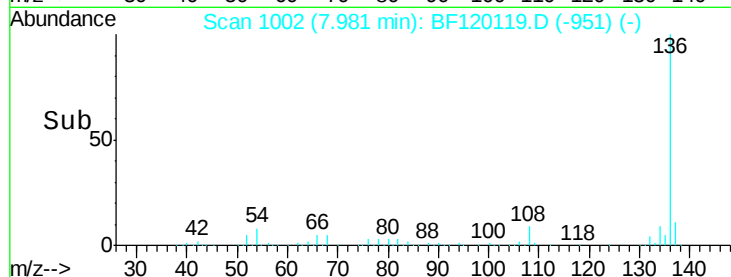
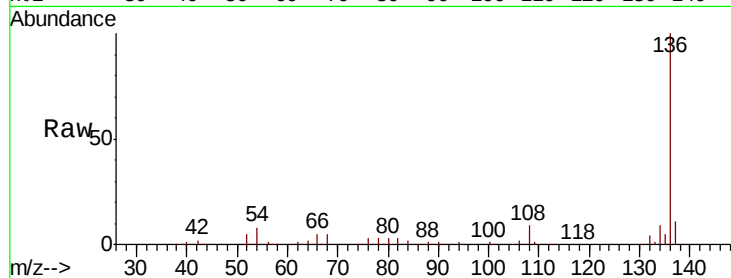




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

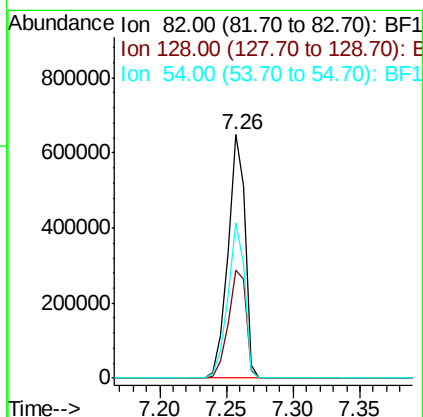
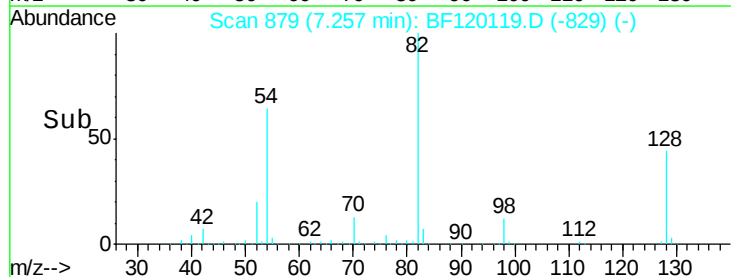
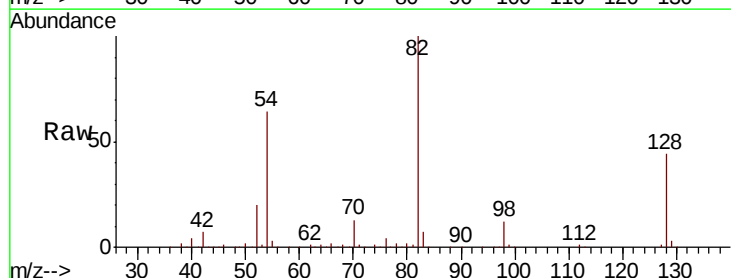
Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion:136	Resp:	534465
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	8.5	8.5 12.7#
68	5.0	3.9 5.9



#23
Nitrobenzene-d5
Concen: 57.153 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion: 82	Resp:	590454
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.2 54.4
54	63.9	50.4 75.6

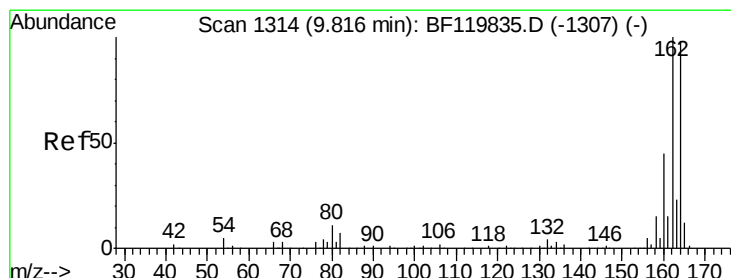
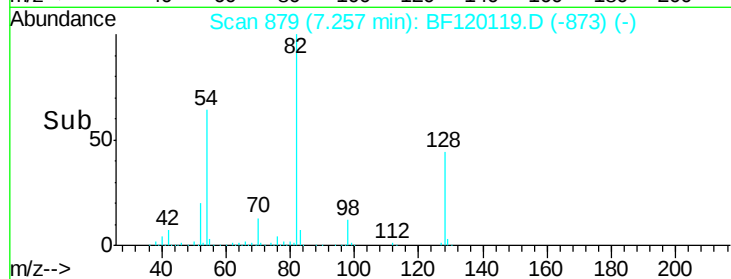
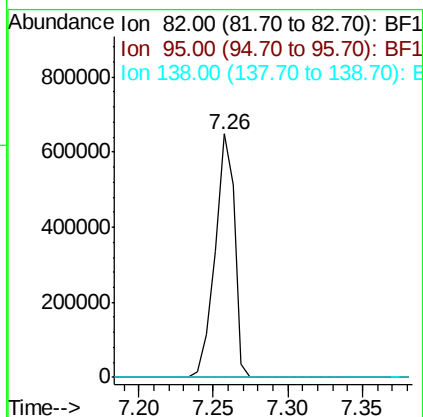
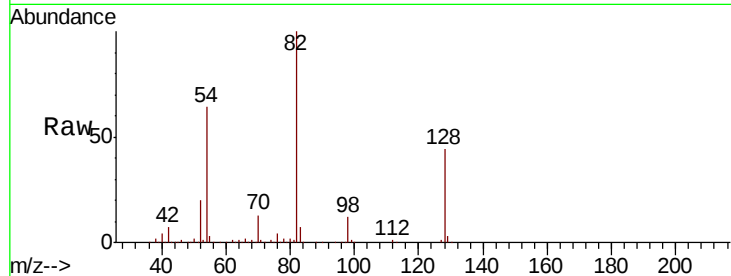




#25
Isophorone
Concen: 29.637 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

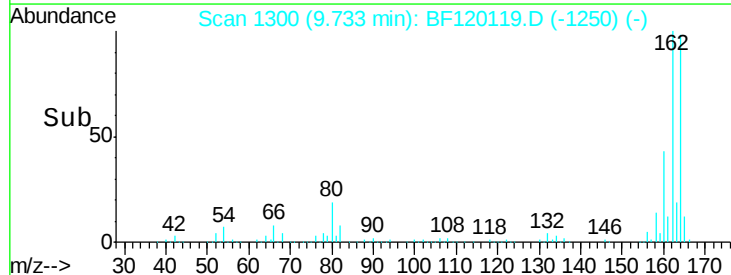
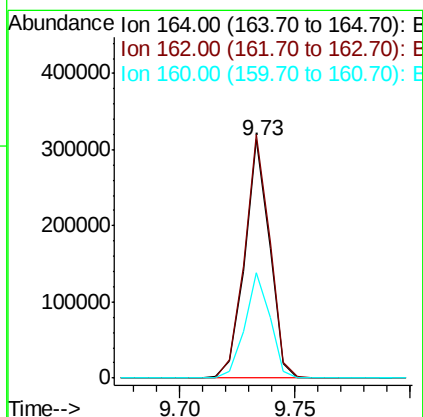
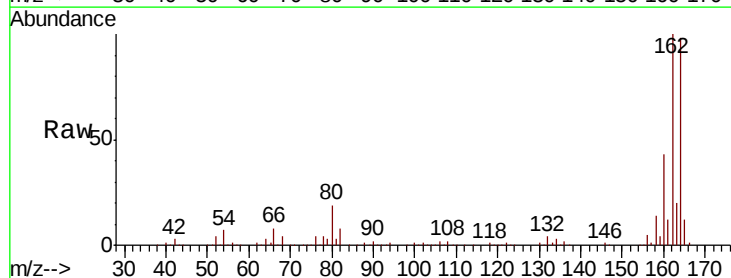
Instrument :
BNA_F
ClientSampleId :
TP-1-S

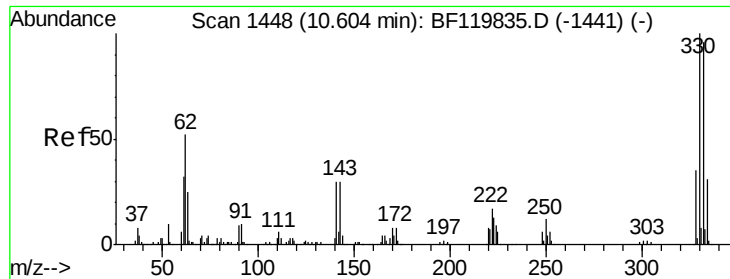
Tot Ion: 82 Resp: 590221
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion: 164 Resp: 235464
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 60.686 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Instrument :

BNA_F

ClientSampled :

TP-1-S

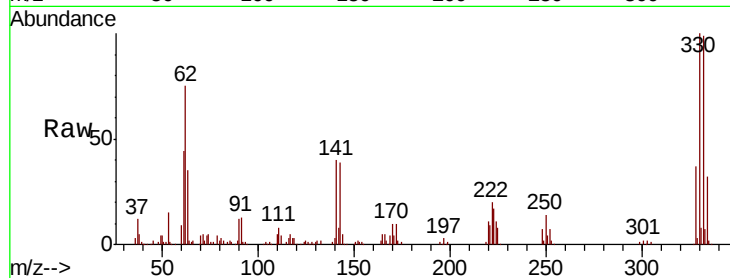
Tot Ion:330 Resp: 174951

Ion Ratio Lower Upper

330 100

332 98.9 76.8 115.2

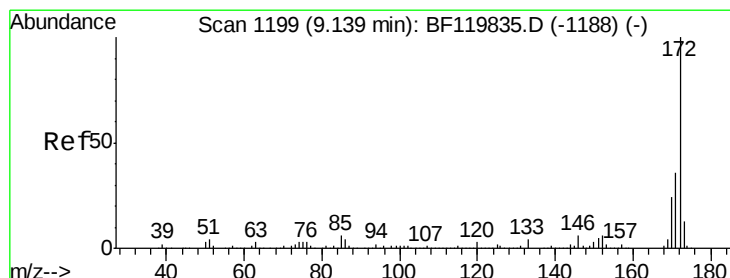
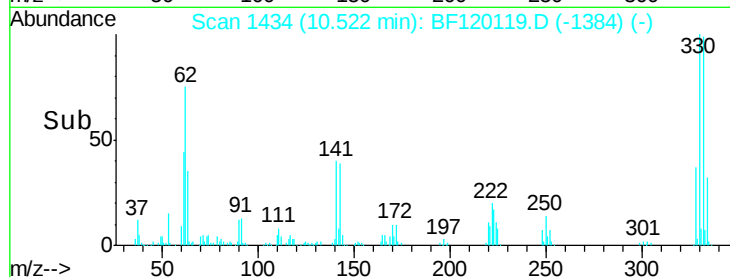
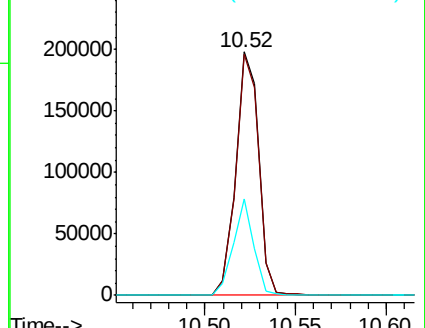
141 35.3 25.1 37.7



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: 65.995 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

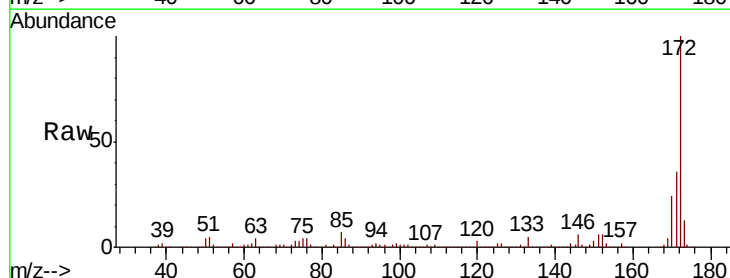
Tgt Ion:172 Resp: 1094497

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

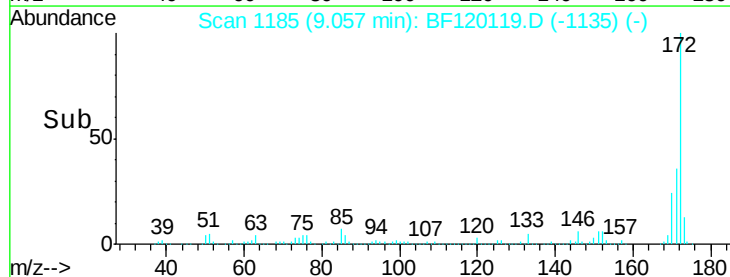
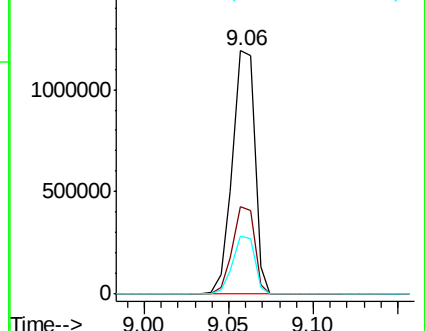
170 24.0 19.4 29.2

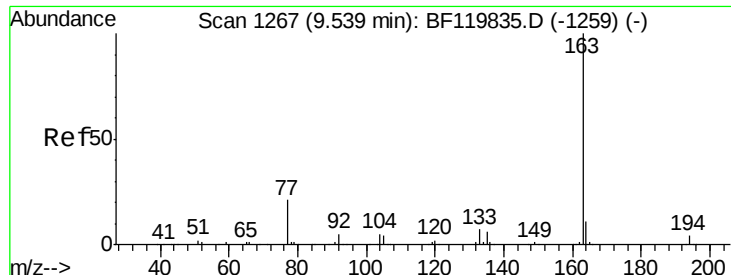


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

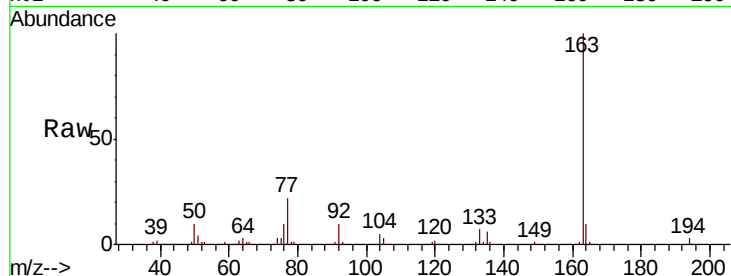




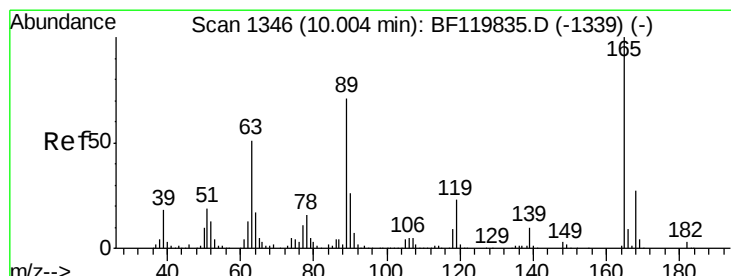
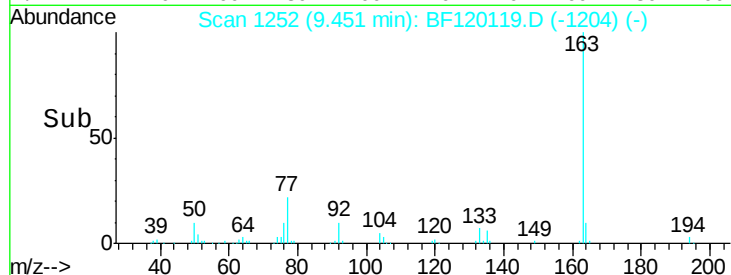
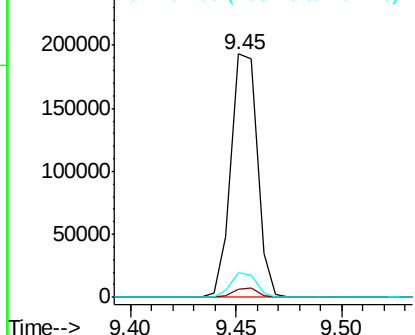
#50
Dimethylphthalate
Concen: 9.156 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion:163 Resp: 166763
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 8.4 12.6

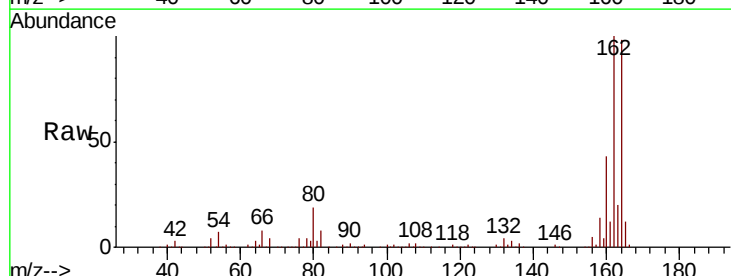


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

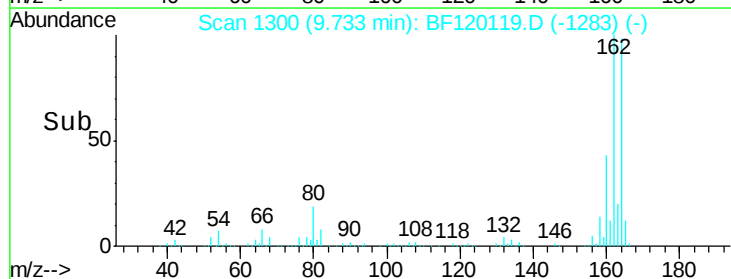
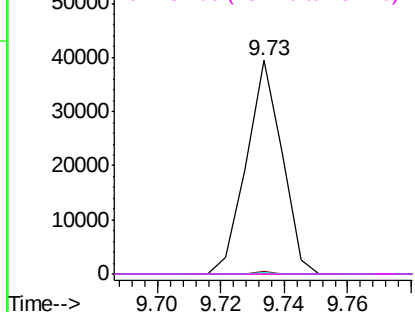


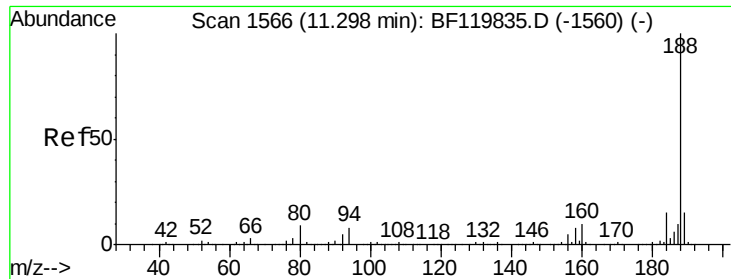
#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion:165 Resp: 30585
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 0.9 56.9 85.3#
182 0.0 2.0 3.0#



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

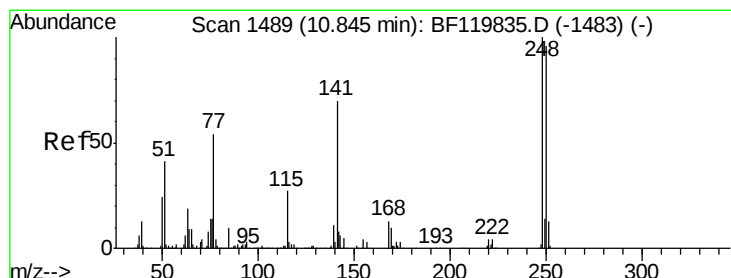
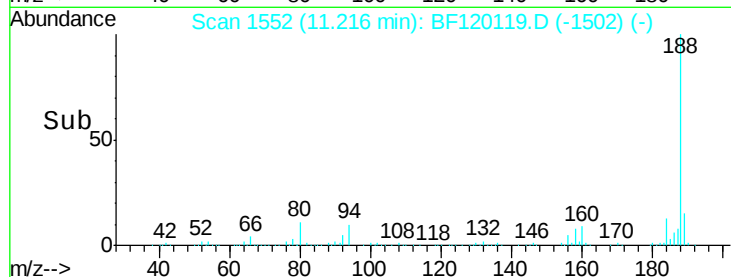
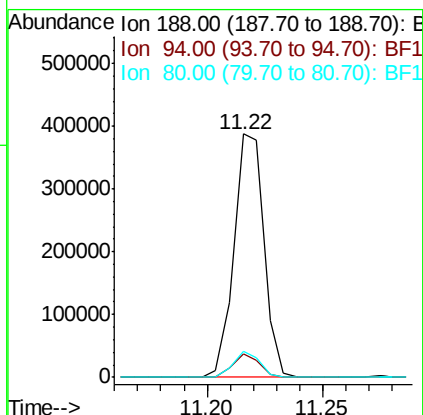
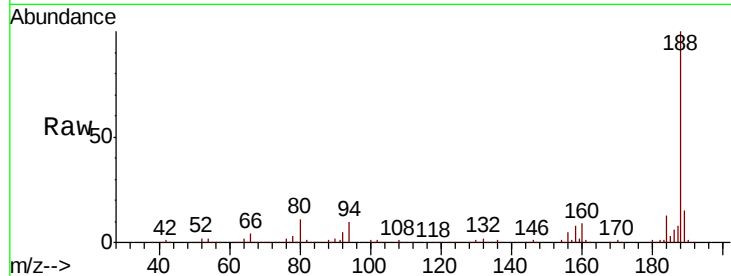




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

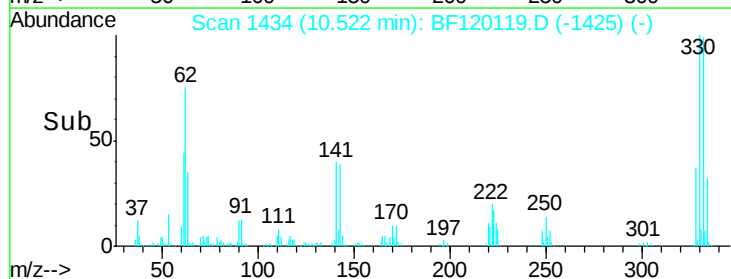
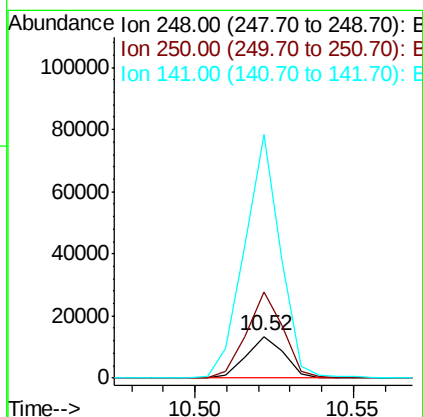
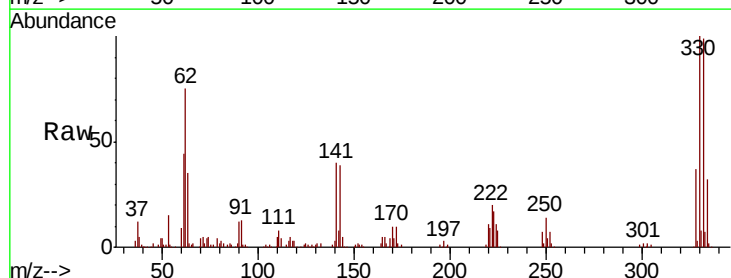
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

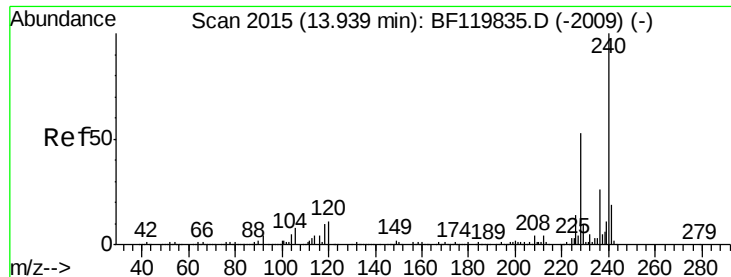
Tot Ion:188 Resp: 350881
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.7 10.1
 80 10.5 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.499 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

Tgt Ion:248 Resp: 10906
 Ion Ratio Lower Upper
 248 100
 250 207.7 76.6 114.8#
 141 586.8 55.9 83.9#

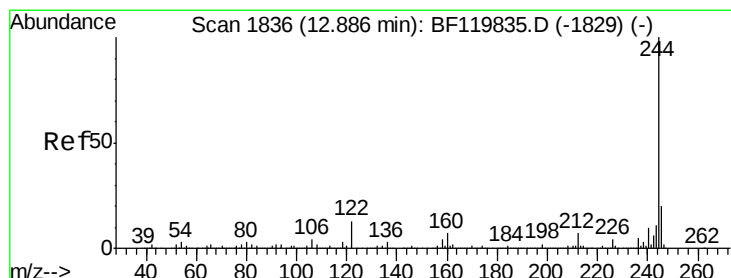
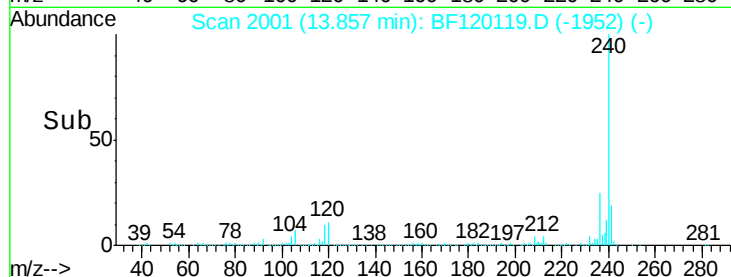
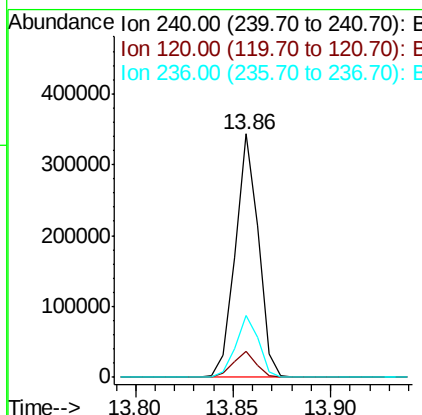
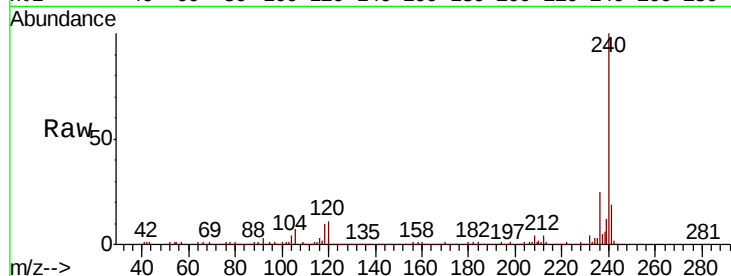




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

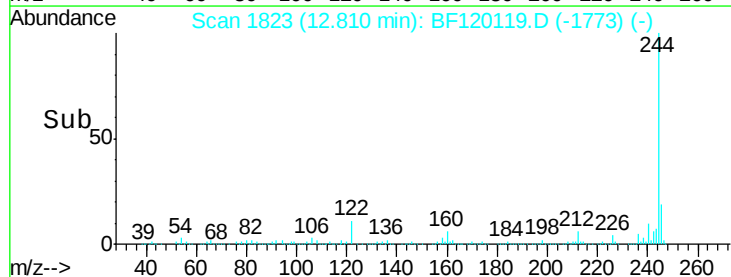
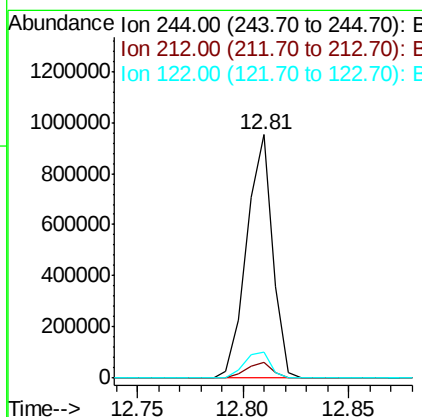
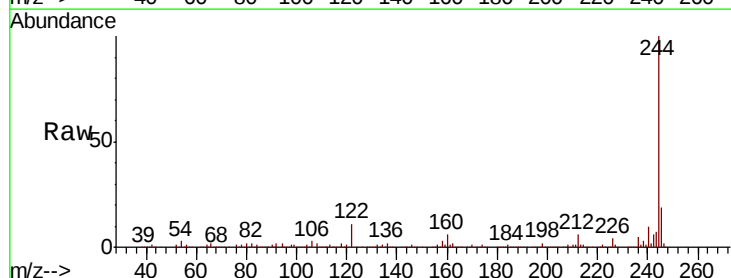
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

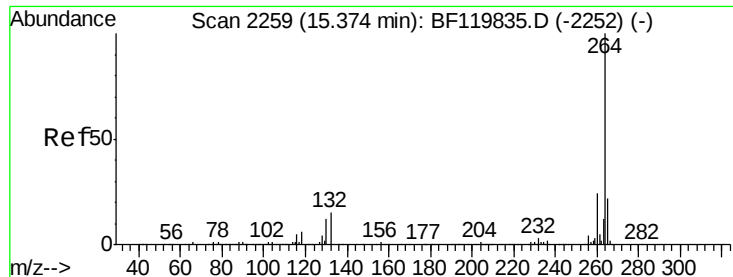
Tot Ion:240 Resp: 281407
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.6
 236 25.4 20.7 31.1



#79
 Terphenyl-d14
 Concen: 48.321 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

Tgt Ion:244 Resp: 808126
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.5 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.8	17.6	26.4

