

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120115.D
 Acq On : 21 Apr 2020 21:08
 Operator : MA/SJ
 Sample : L2327-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Quant Time: Apr 22 01:49:52 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

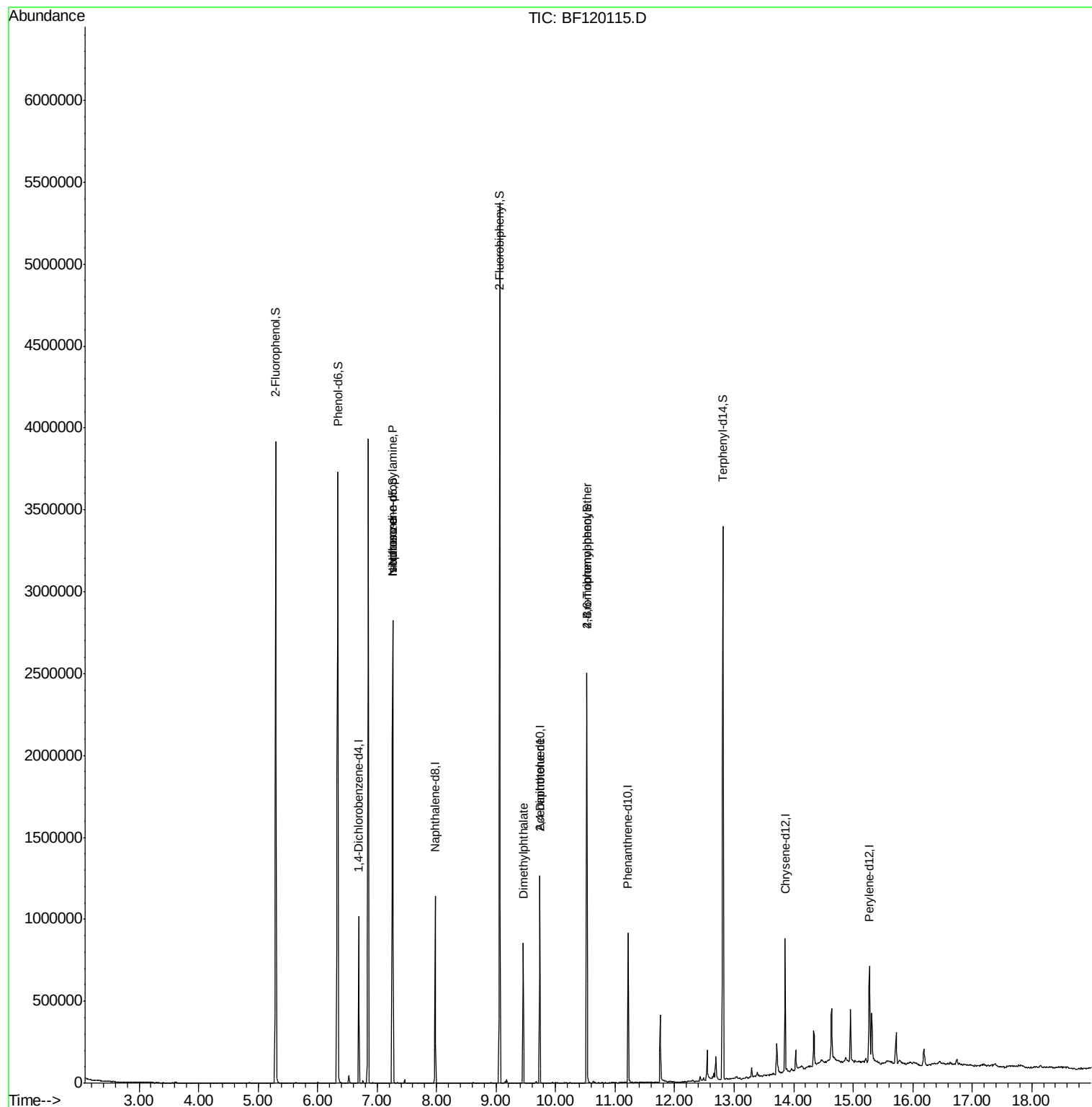
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	131347	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	490106	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	225783	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	343365	20.00	ng	0.00
76) Chrysene-d12	13.86	240	257026	20.00	ng	-0.01
87) Perylene-d12	15.27	264	248620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1063672	139.95	ng	0.00
7) Phenol-d6	6.34	99	1384883	141.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	860988	90.88	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	279893	101.25	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1555071	97.79	ng	0.00
79) Terphenyl-d14	12.81	244	1182305	77.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	2089	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.26	70	113158	17.968	ng	# 76
25) Isophorone	7.26	82	860498	47.119	ng	# 65
50) Dimethylphthalate	9.46	163	297977	17.062	ng	# 98
57) 2,4-Dinitrotoluene	9.73	165	28666	5.689	ng	# 23
67) 4-Bromophenyl-phenylether	10.53	248	18117	4.243	ng	# 1

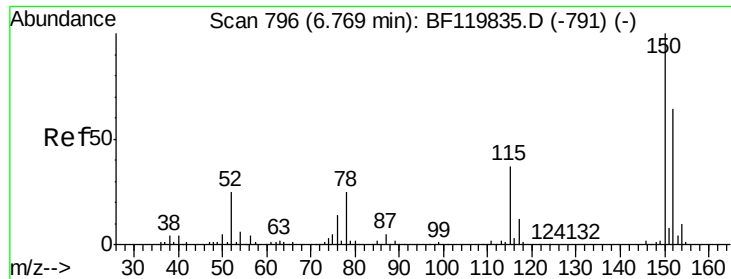
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120115.D

Acq: 21 Apr 2020 21:08

Instrument :

BNA_F

ClientSampleId :

TP-4-D

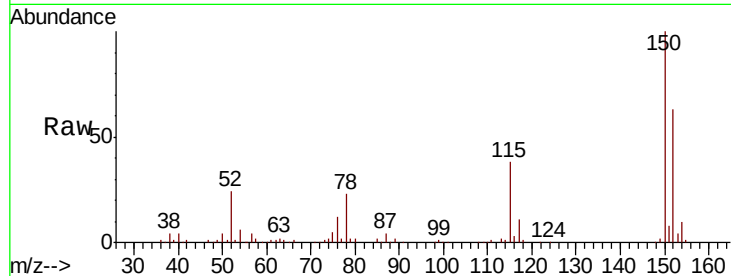
Tot Ion:152 Resp: 131347

Ion Ratio Lower Upper

152 100

150 159.3 124.8 187.2

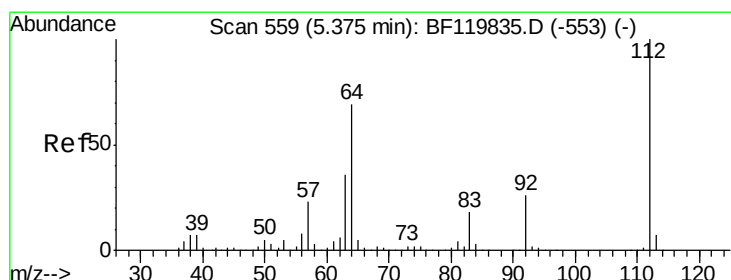
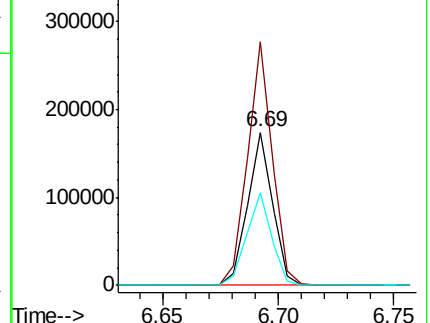
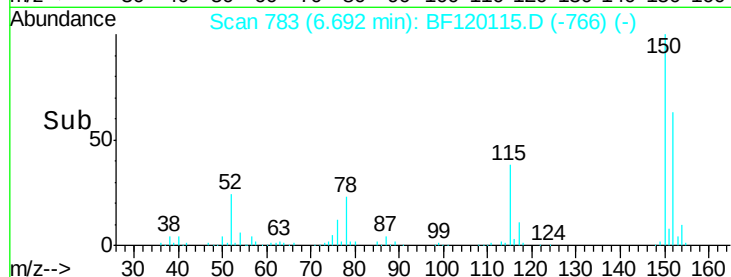
115 60.5 46.5 69.7



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: 139.951 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

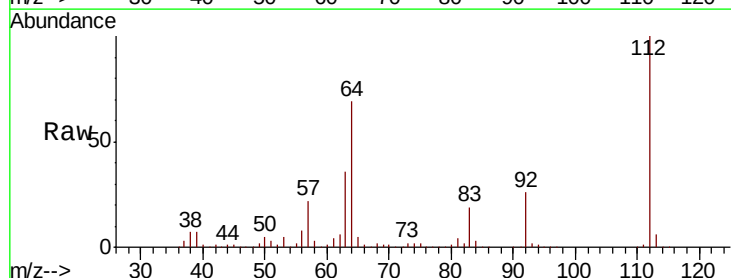
Tgt Ion:112 Resp: 1063672

Ion Ratio Lower Upper

112 100

64 69.5 55.5 83.3

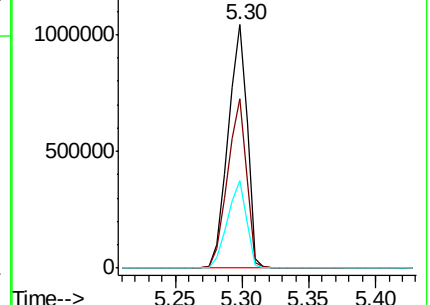
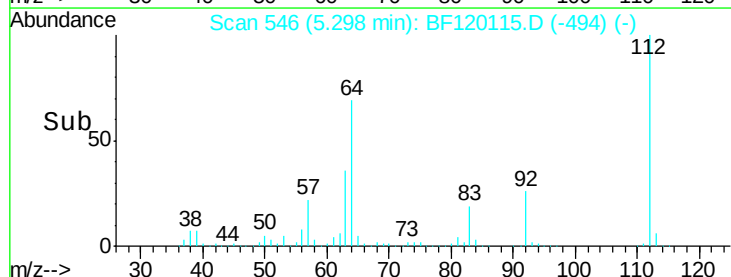
63 36.1 29.1 43.7

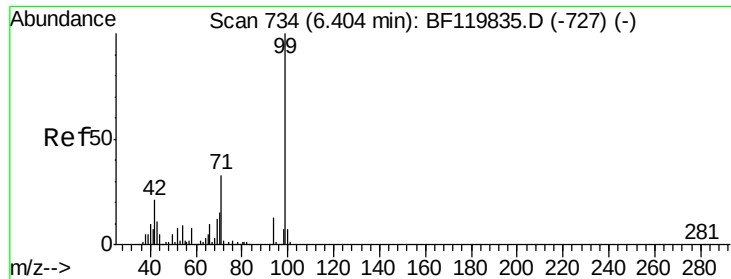


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 141.411 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

Instrument :

BNA_F

ClientSampleId :

TP-4-D

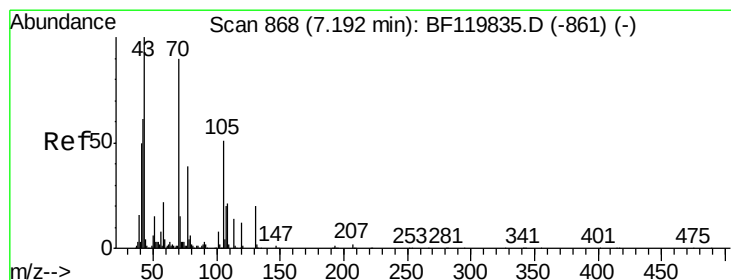
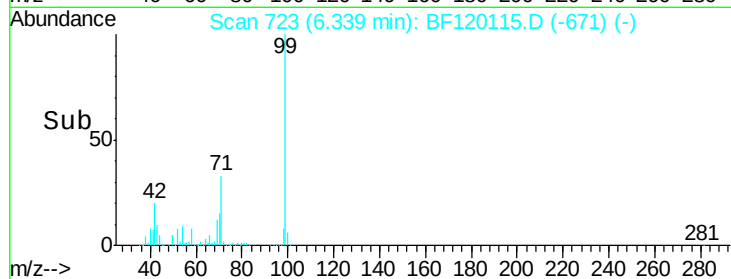
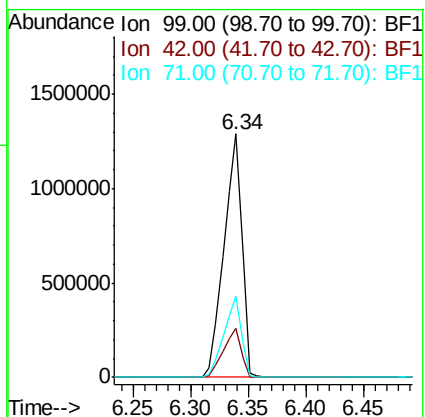
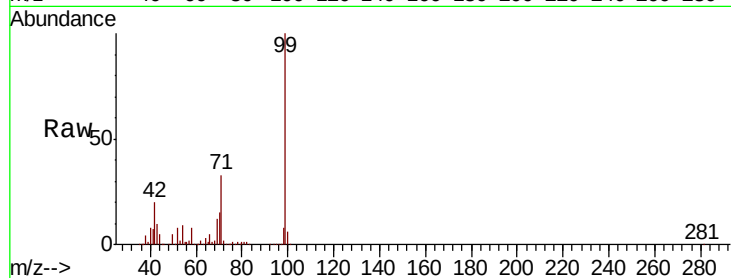
Tot Ion: 99 Resp: 1384883

Ion Ratio Lower Upper

99 100

42 20.1 16.9 25.3

71 33.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.968 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

Tgt Ion: 70 Resp: 113158

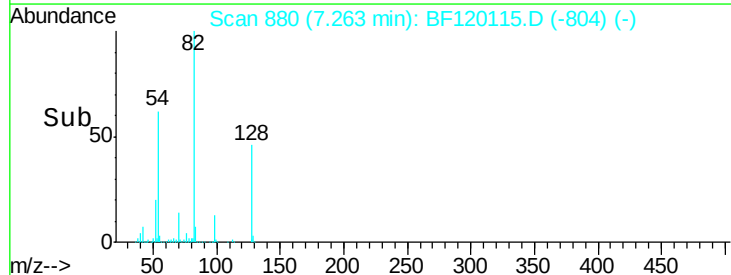
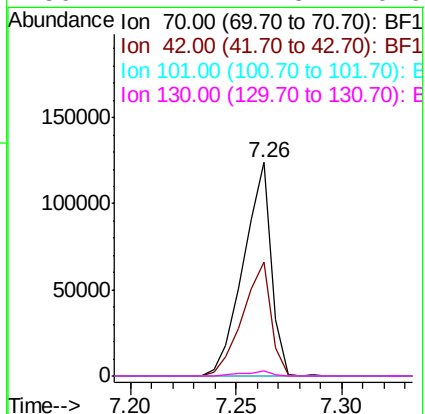
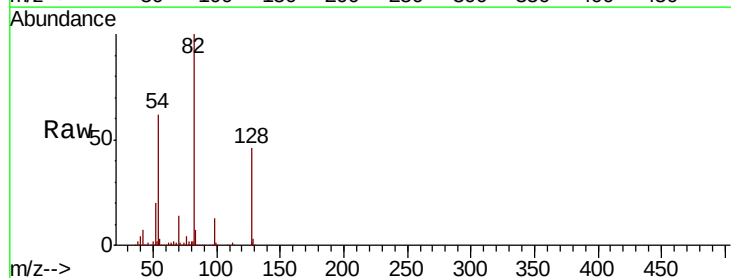
Ion Ratio Lower Upper

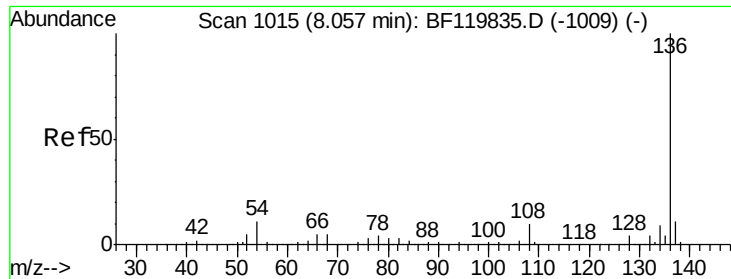
70 100

42 53.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

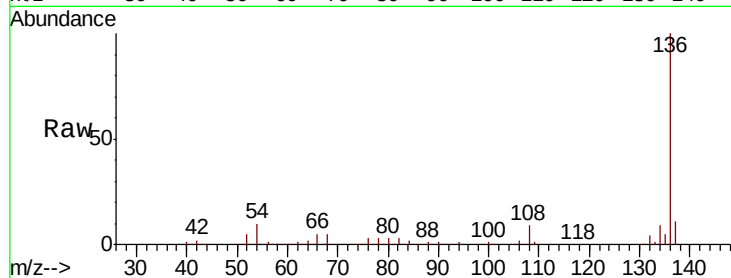




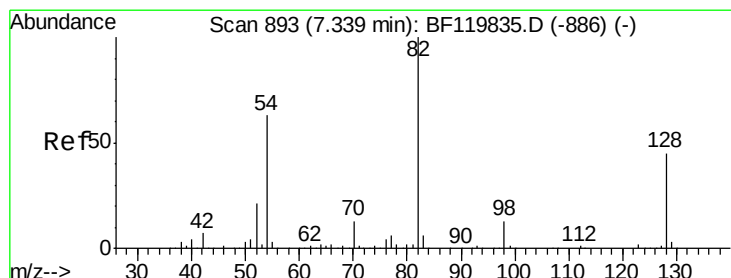
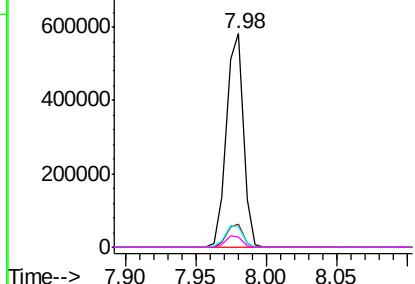
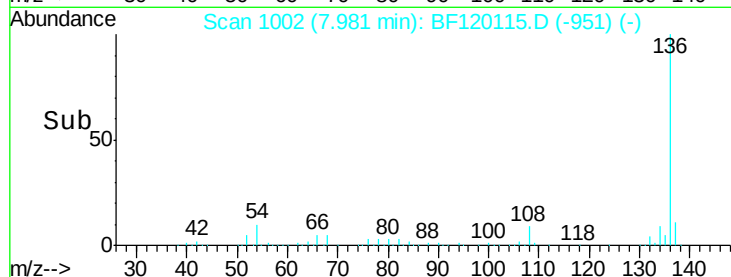
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120115.D
Acq: 21 Apr 2020 21:08

Instrument :
BNA_F
ClientSampleId :
TP-4-D

Tot Ion:136	Resp:	490106
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	9.5	8.5 12.7
68	4.7	3.9 5.9

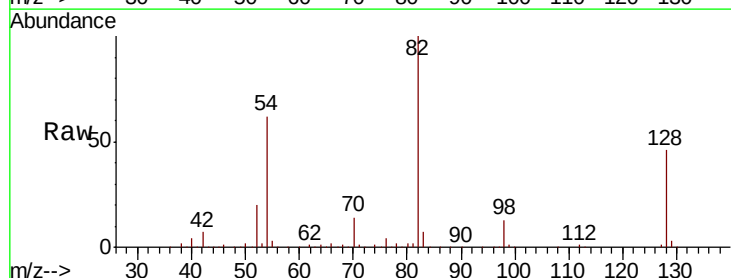


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

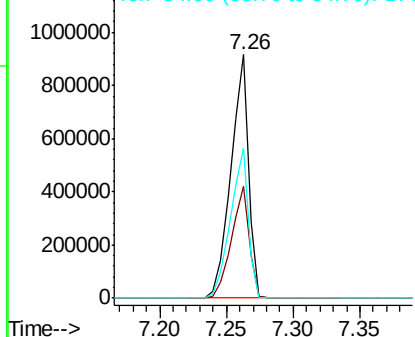
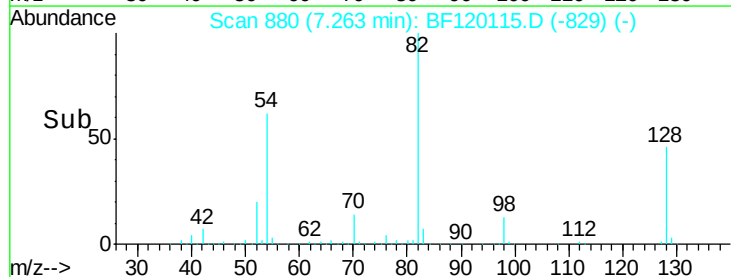


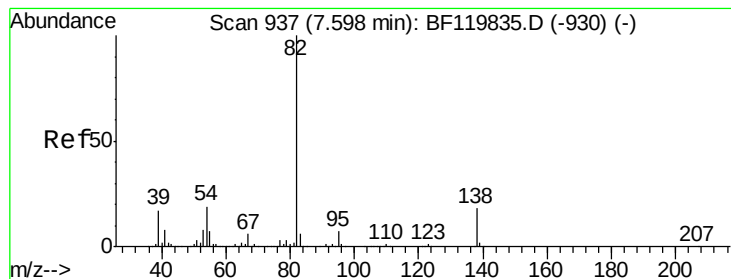
#23
Nitrobenzene-d5
Concen: 90.882 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120115.D
Acq: 21 Apr 2020 21:08

Tgt Ion: 82	Resp:	860988
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.2 54.4
54	61.6	50.4 75.6



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: 47.119 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

Instrument :

BNA_F

ClientSampleId :

TP-4-D

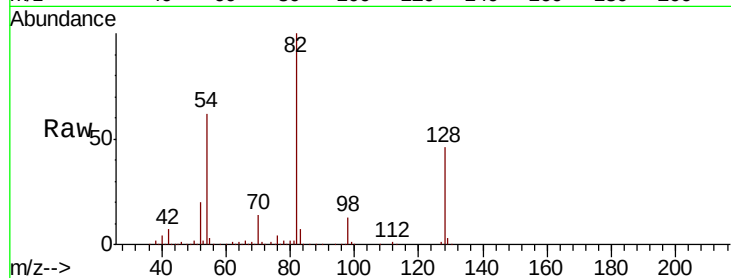
Tot Ion: 82 Resp: 860498

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

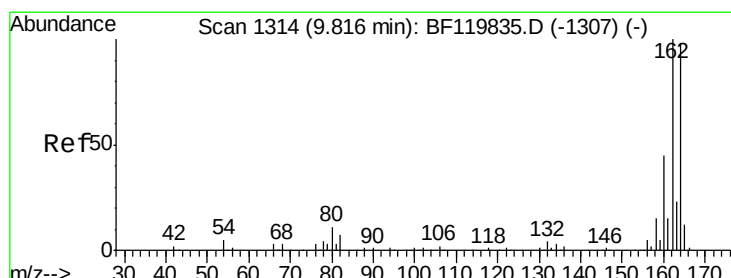
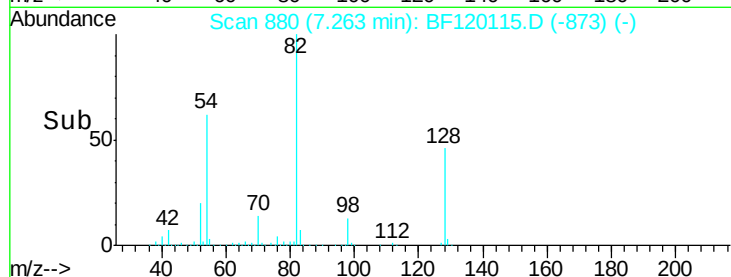
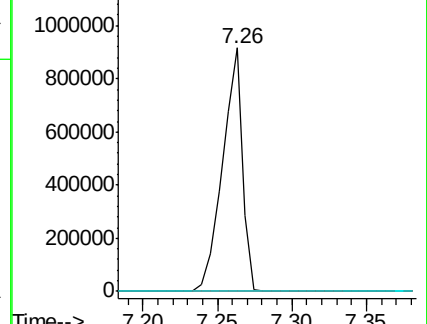
138 0.0 14.5 21.7#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

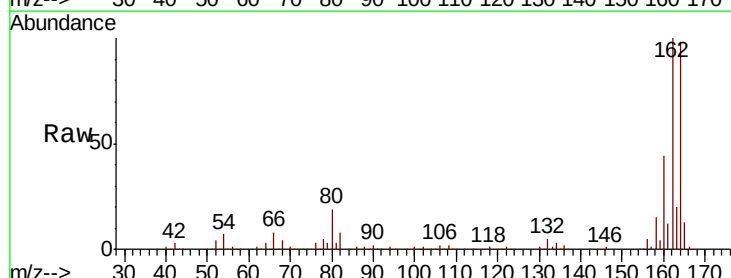
Tgt Ion:164 Resp: 225783

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

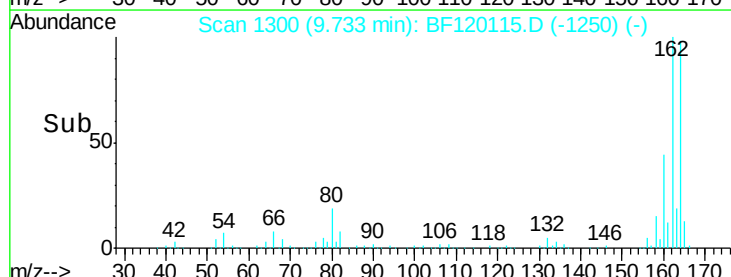
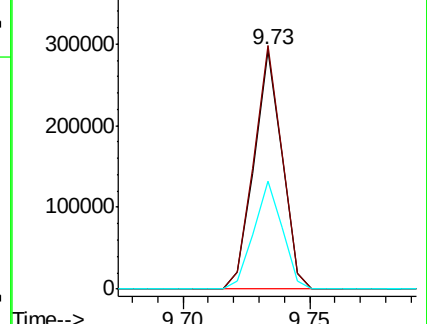
160 45.1 36.6 54.8

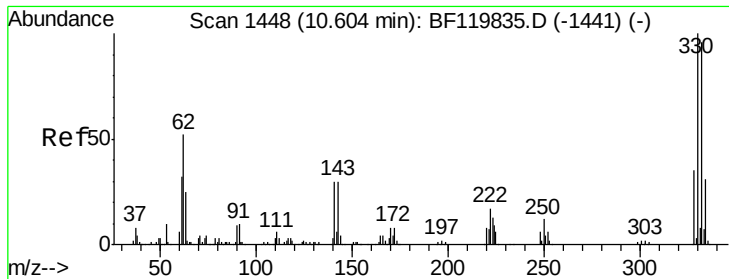


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

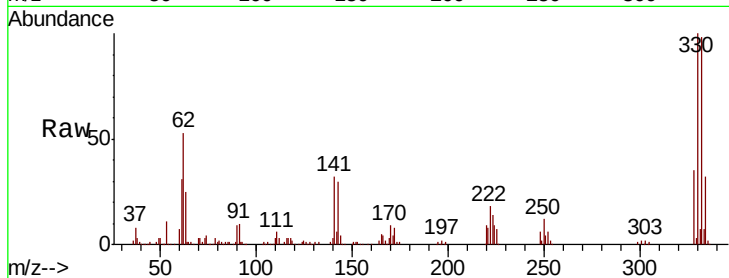




#42
 2,4,6-Tribromophenol
 Concen: 101.251 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF120115.D
 Acq: 21 Apr 2020 21:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	34.9	25.1	37.7

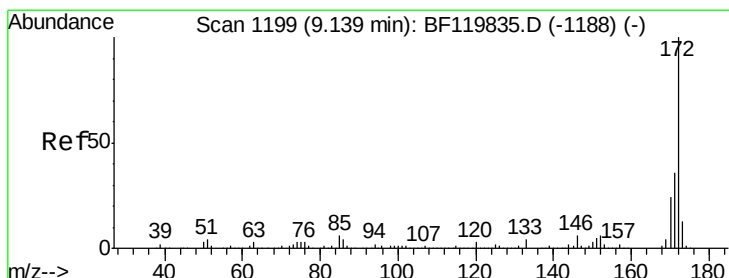
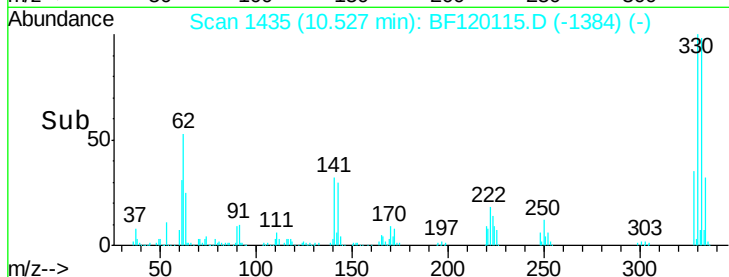
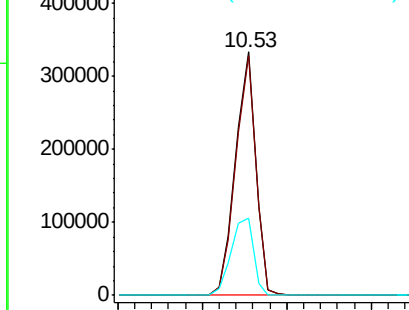


Abundance

Ion 329.80 (329.50 to 330.50): E

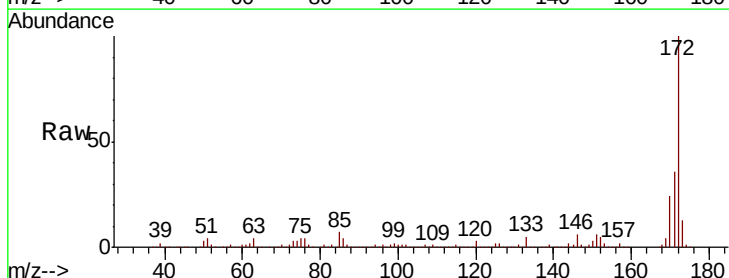
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.787 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF120115.D
 Acq: 21 Apr 2020 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.1	19.4	29.2

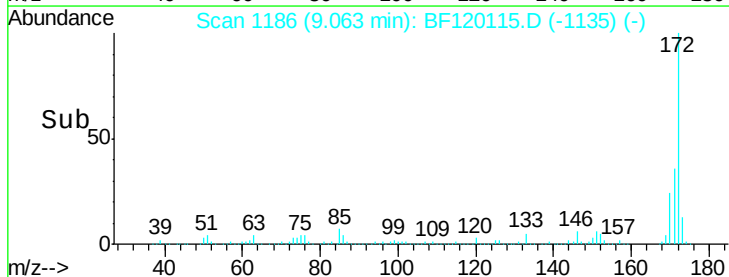
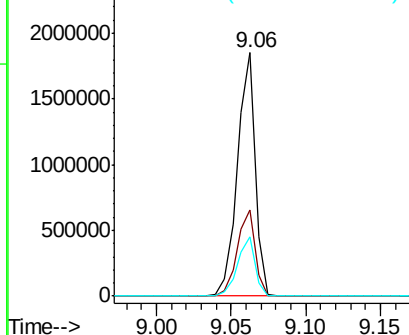


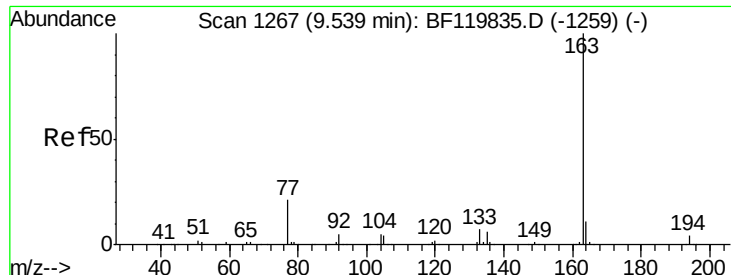
Abundance

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: 17.062 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

Instrument :

BNA_F

ClientSampleId :

TP-4-D

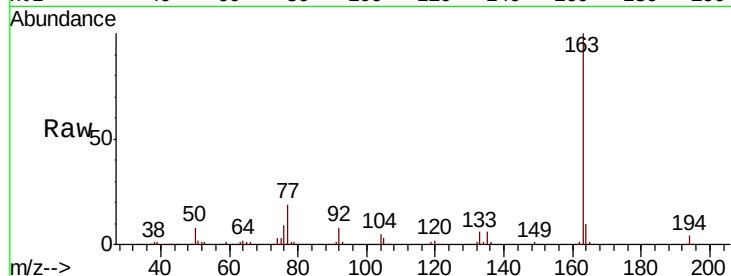
Tot Ion:163 Resp: 297977

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

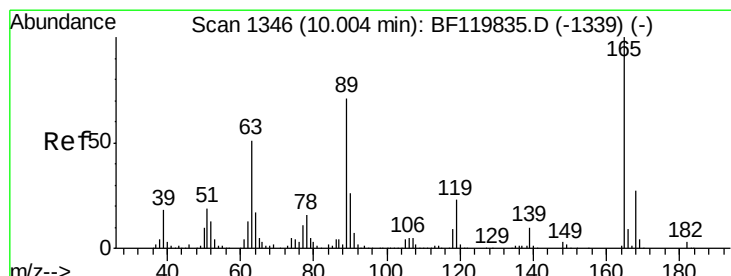
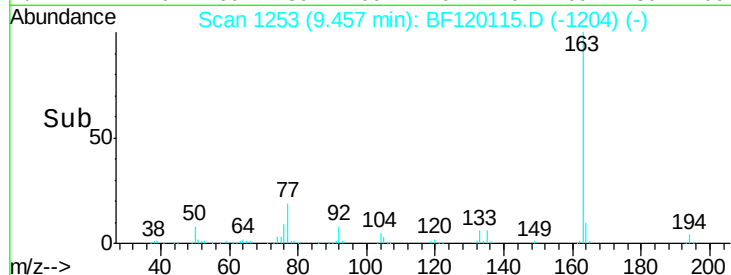
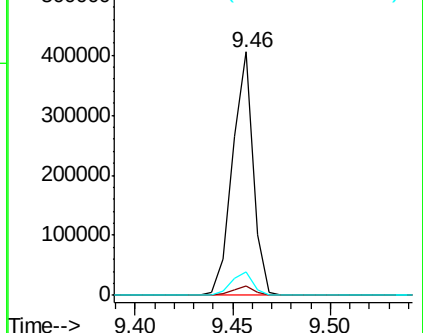
164 9.7 8.4 12.6



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: 5.689 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120115.D

Acq: 21 Apr 2020 21:08

Tgt Ion:165 Resp: 28666

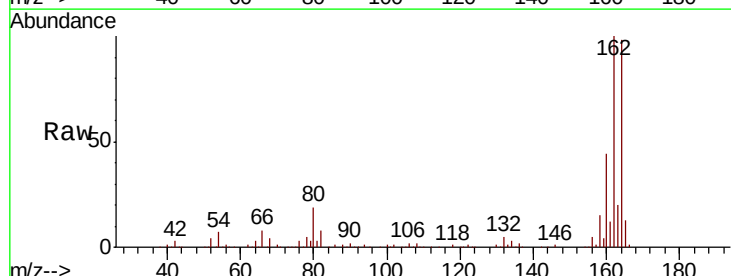
Ion Ratio Lower Upper

165 100

63 1.4 40.8 61.2#

89 2.0 56.9 85.3#

182 0.0 2.0 3.0#

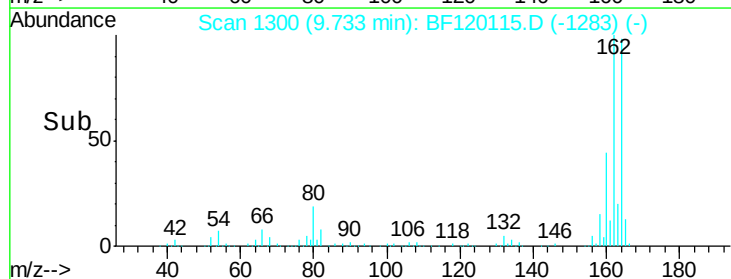
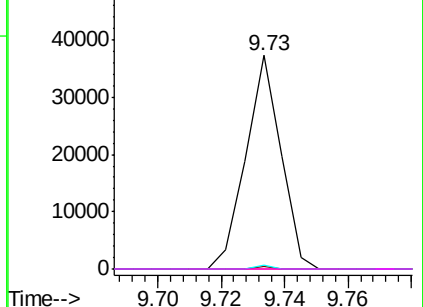


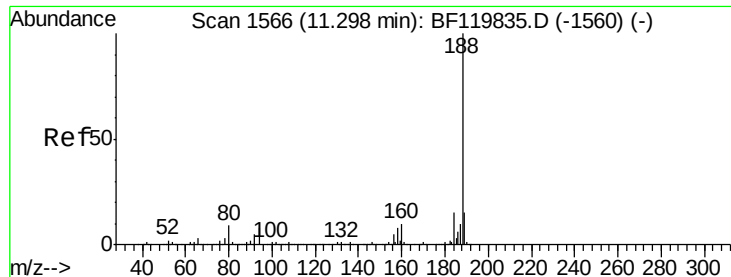
Abundance Ion 165.00 (164.70 to 165.70): E

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

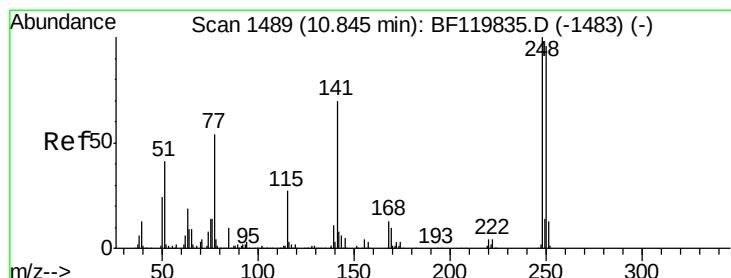
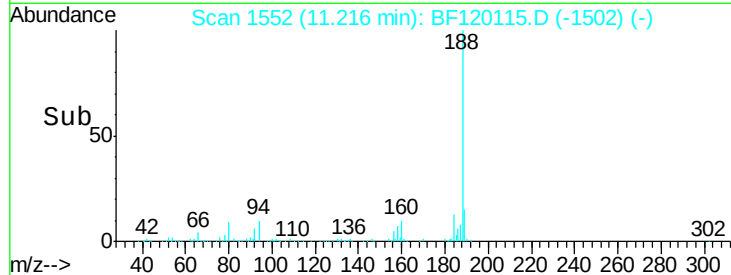
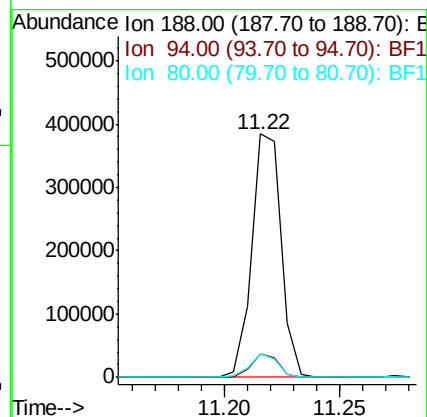
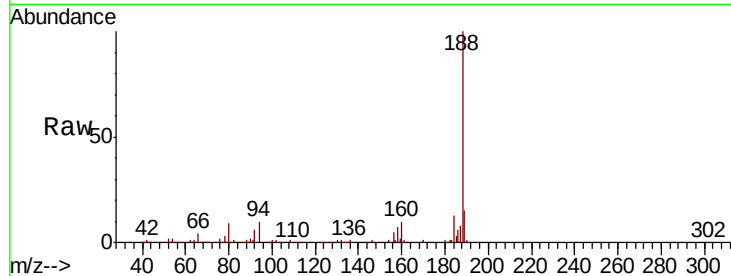




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120115.D
Acq: 21 Apr 2020 21:08

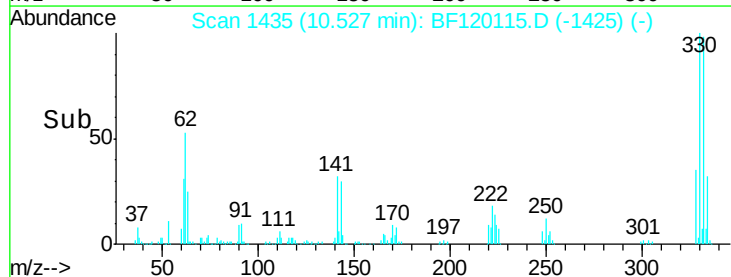
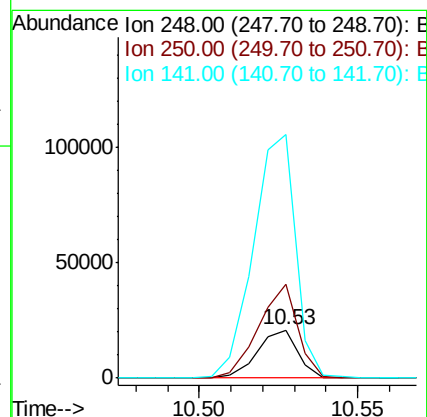
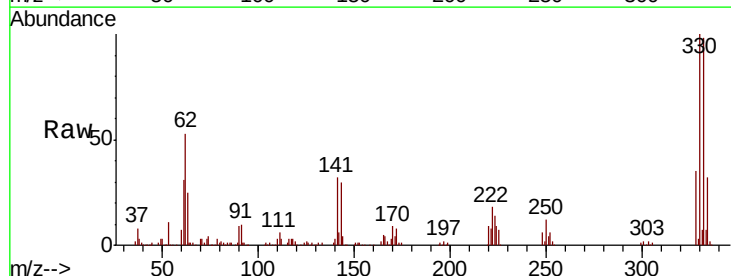
Instrument :
BNA_F
ClientSampled :
TP-4-D

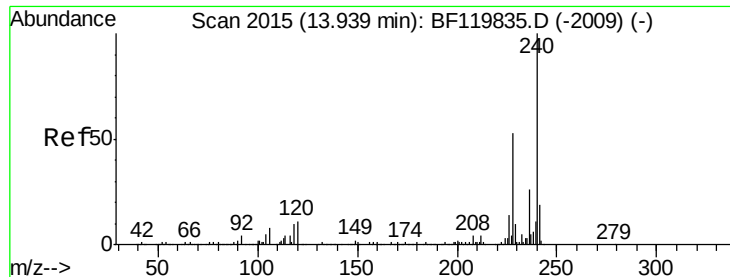
Tot Ion:188 Resp: 343365
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 9.4 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF120115.D
Acq: 21 Apr 2020 21:08

Tgt Ion:248 Resp: 18117
Ion Ratio Lower Upper
248 100
250 196.2 76.6 114.8#
141 508.7 55.9 83.9#

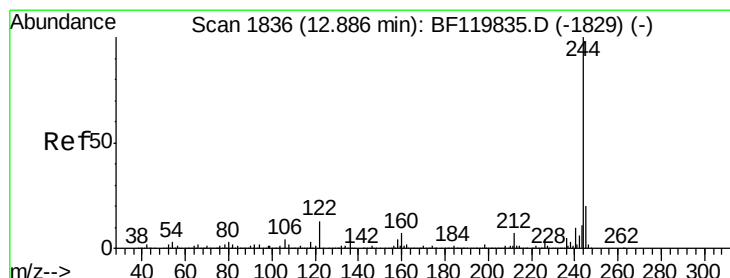
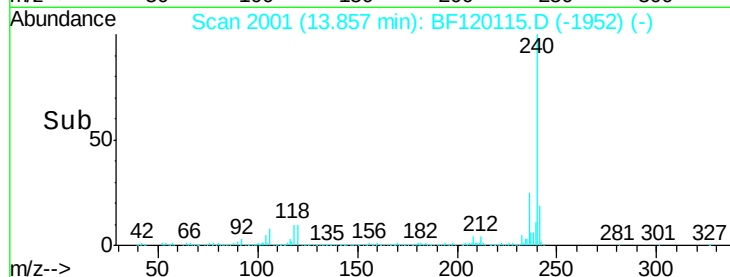
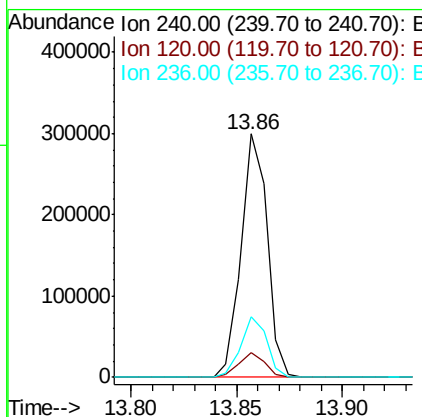
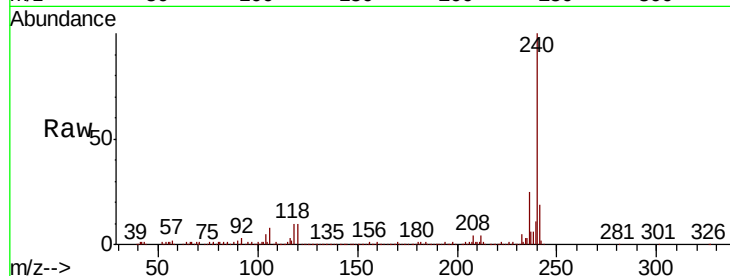




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120115.D
 Acq: 21 Apr 2020 21:08

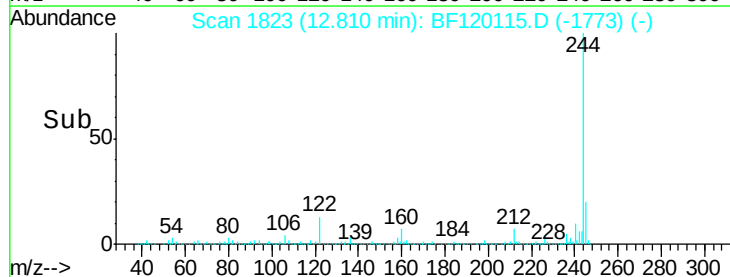
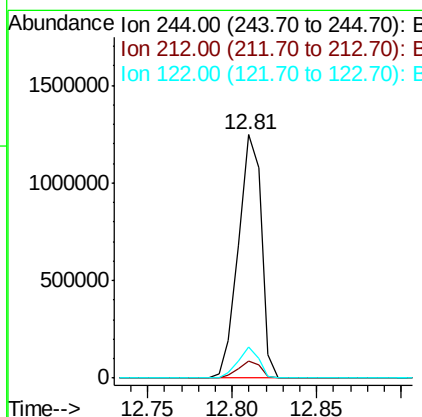
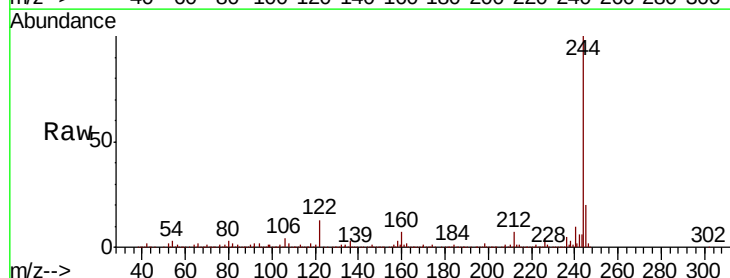
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

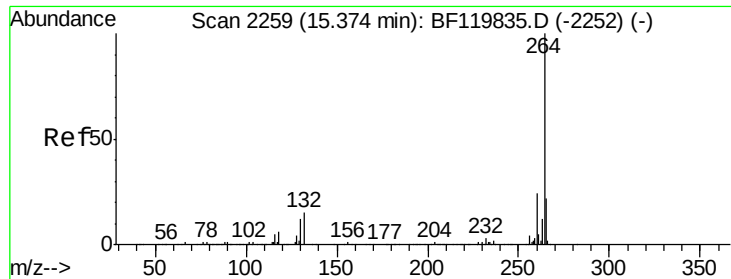
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	24.8	20.7	31.1



#79
 Terphenyl-d14
 Concen: 77.401 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF120115.D
 Acq: 21 Apr 2020 21:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	10.3	15.5

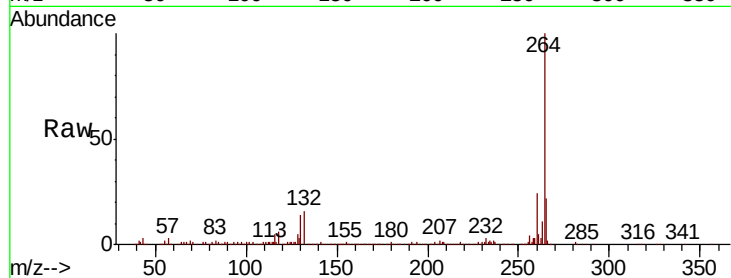




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120115.D
Acq: 21 Apr 2020 21:08

Instrument :
BNA_F
ClientSampleId :
TP-4-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.0	17.6	26.4



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

