

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120116.D
 Acq On : 21 Apr 2020 21:35
 Operator : MA/SJ
 Sample : L2327-32
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:50:07 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

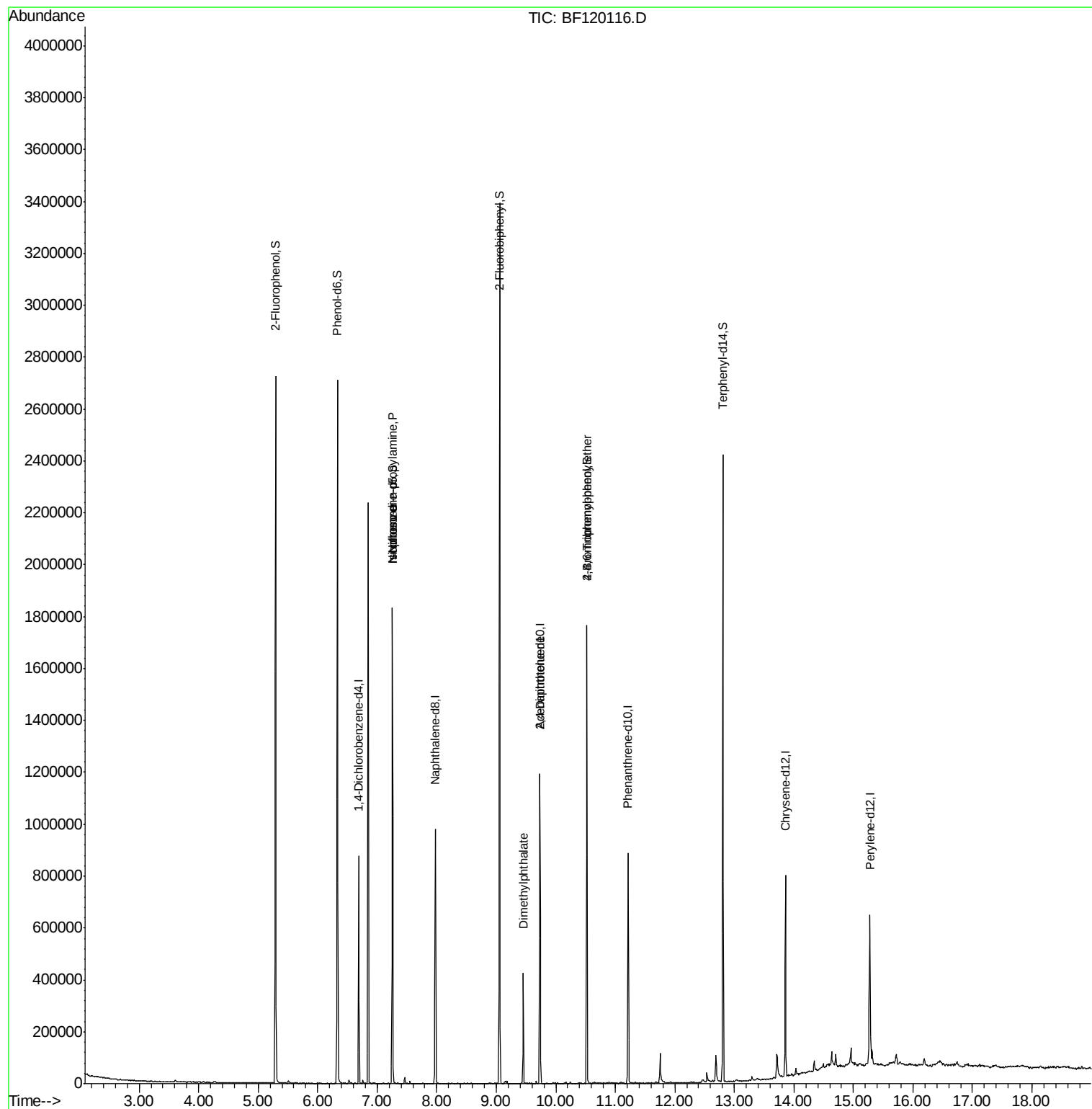
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	119214	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	435860	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	209443	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	328932	20.00	ng	0.00
76) Chrysene-d12	13.86	240	241126	20.00	ng	-0.01
87) Perylene-d12	15.27	264	235190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	687098	99.61	ng	0.00
7) Phenol-d6	6.33	99	868347	97.69	ng	0.00
23) Nitrobenzene-d5	7.26	82	530985	63.02	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	177030	69.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	994500	67.42	ng	0.00
79) Terphenyl-d14	12.81	244	775181	54.09	ng	0.00
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	1323	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	68768	12.031	ng	# 76
25) Isophorone	7.26	82	530683	32.675	ng	# 65
50) Dimethylphthalate	9.45	163	158161	9.763	ng	98
57) 2,4-Dinitrotoluene	9.73	165	26756	5.724	ng	# 22
67) 4-Bromophenyl-phenylether	10.52	248	10986	2.686	ng	# 1

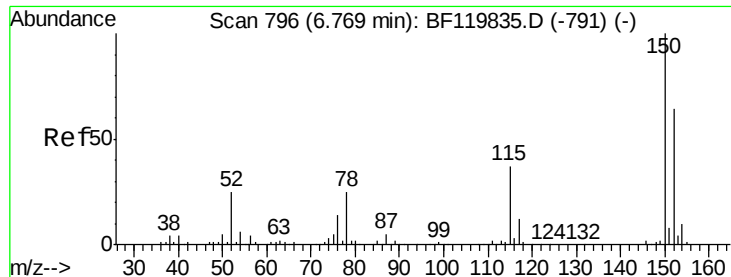
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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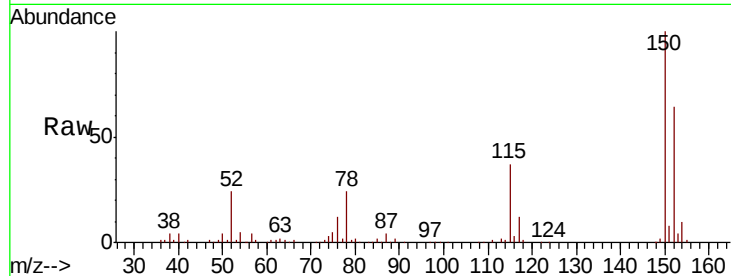


#1

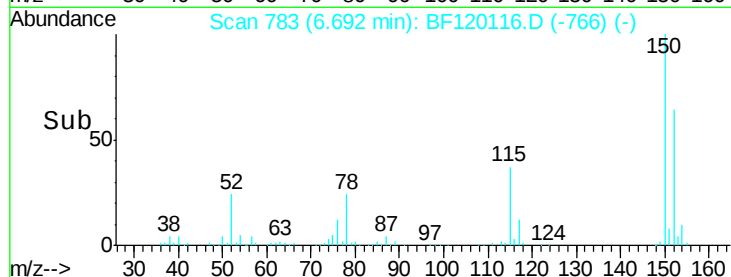
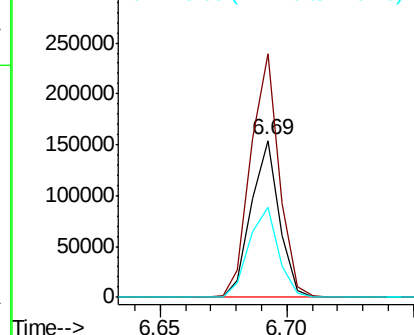
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119214
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 57.1 46.5 69.7



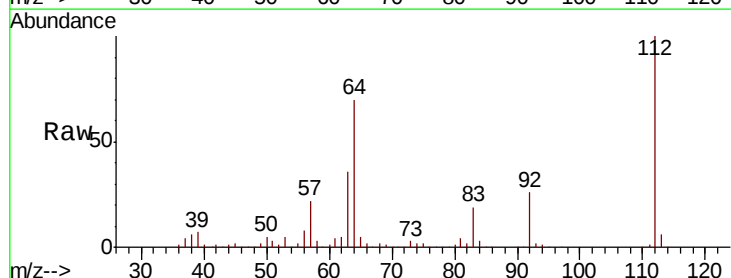
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



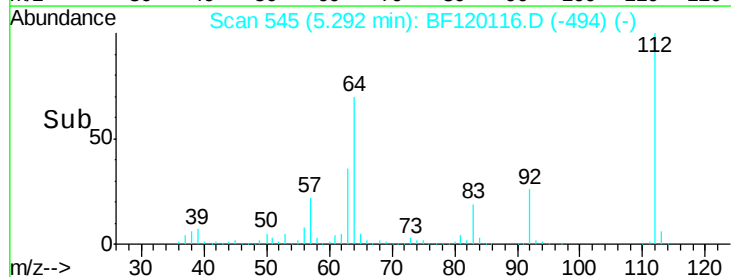
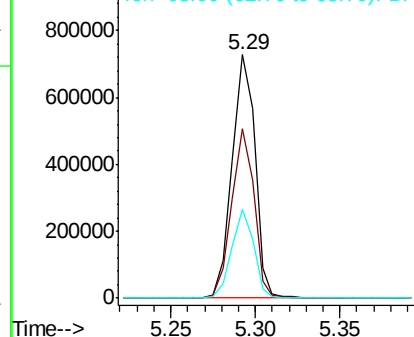
#5

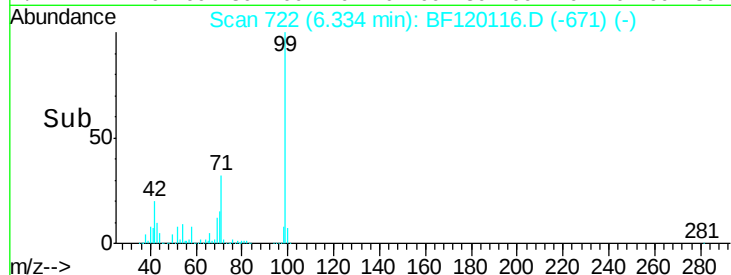
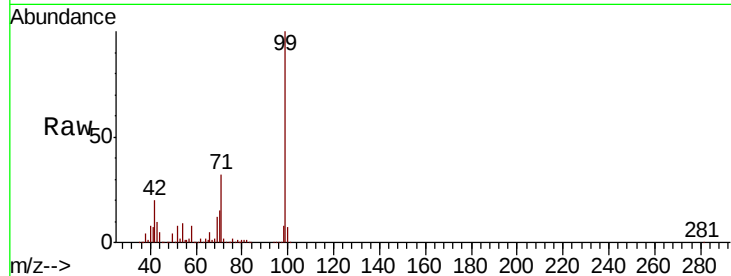
2-Fluorophenol
Concen: 99.605 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Tgt Ion:112 Resp: 687098
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 36.4 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: 97.691 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

Instrument :

BNA_F

ClientSampleId :

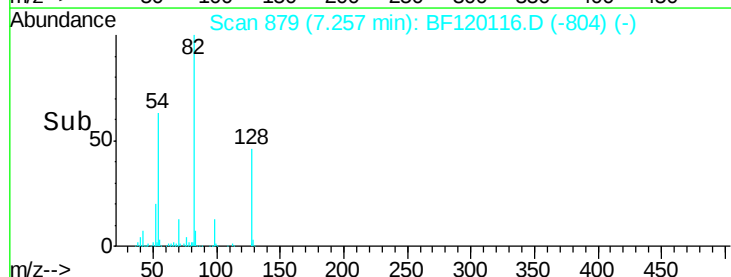
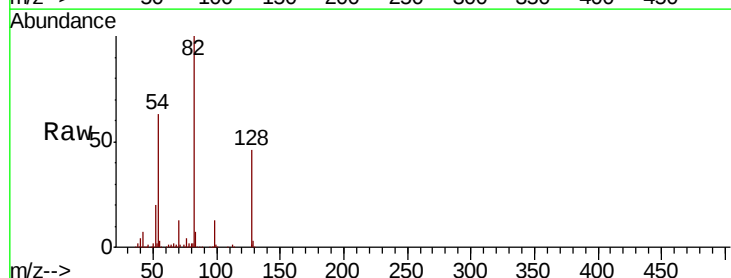
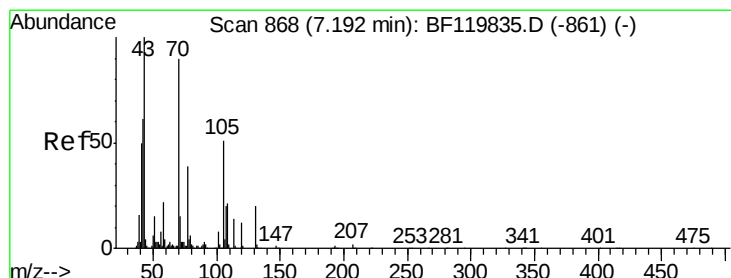
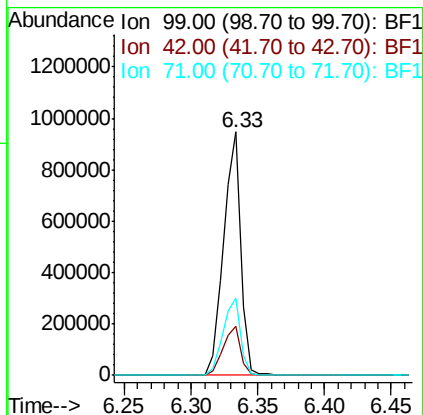
Tot Ion: 99 Resp: 868347

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 31.8 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.031 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

Tgt Ion: 70 Resp: 68768

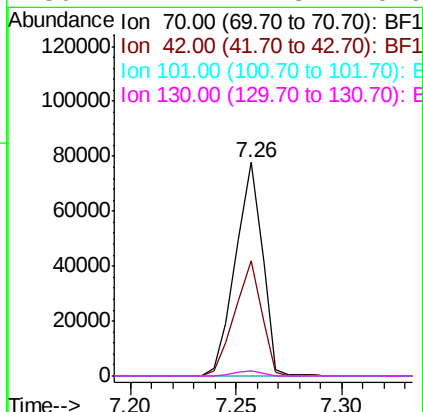
Ion Ratio Lower Upper

70 100

42 53.7 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

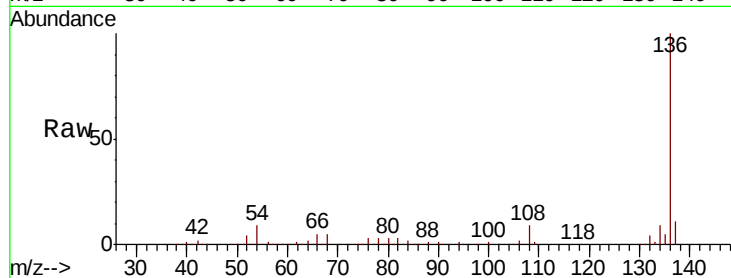




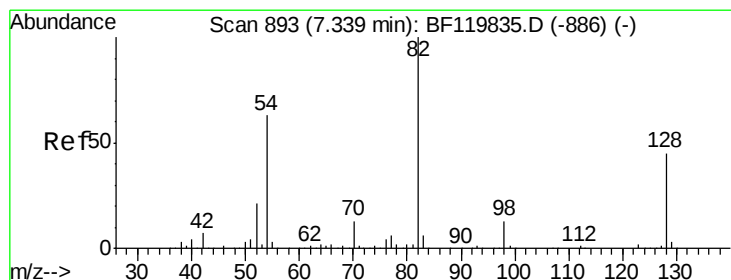
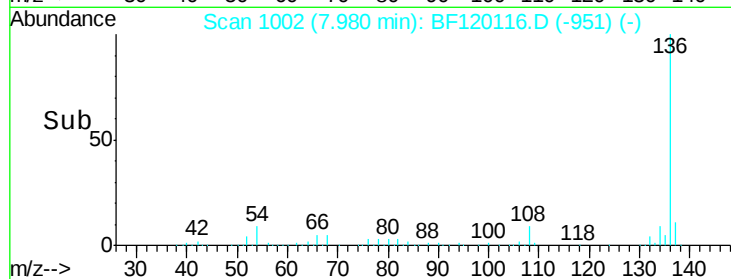
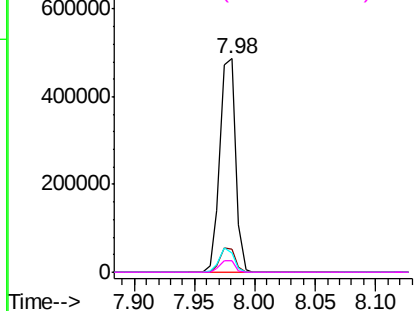
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	435860
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	9.2	8.5 12.7
68	5.2	3.9 5.9

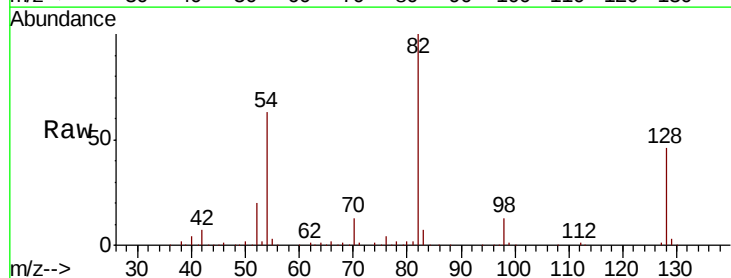


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

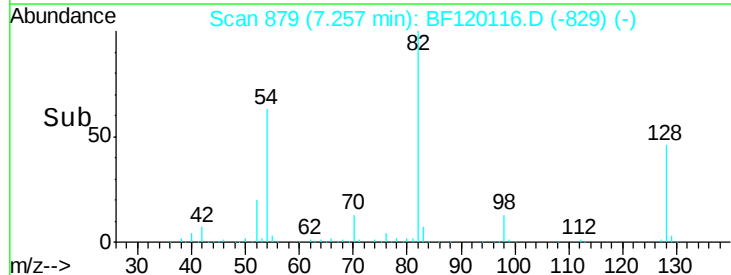
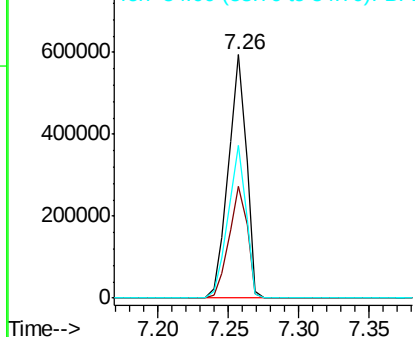


#23
Nitrobenzene-d5
Concen: 63.024 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Tgt Ion: 82	Resp:	530985
Ion Ratio	Lower	Upper
82	100	
128	45.8	36.2 54.4
54	62.7	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: 32.675 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

Instrument :

BNA_F

ClientSampleId :

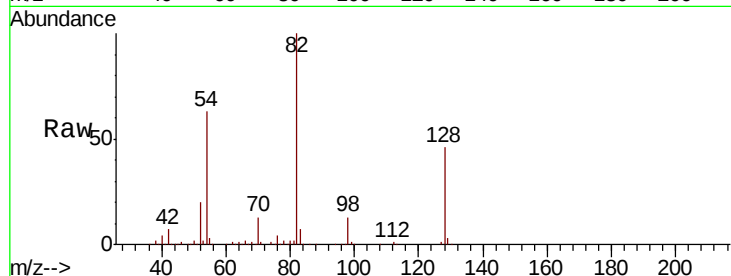
Tot Ion: 82 Resp: 530683

Ion Ratio Lower Upper

82 100

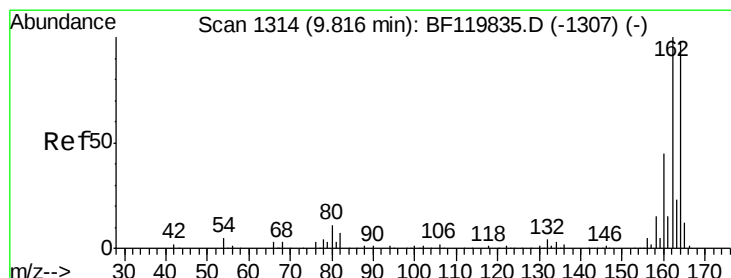
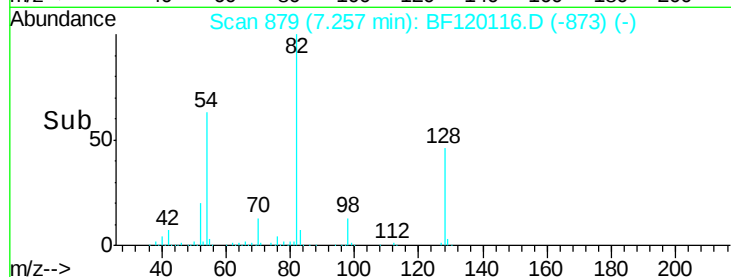
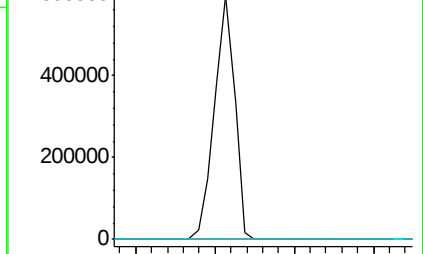
95 0.0 5.8 8.6#

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

7.26



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

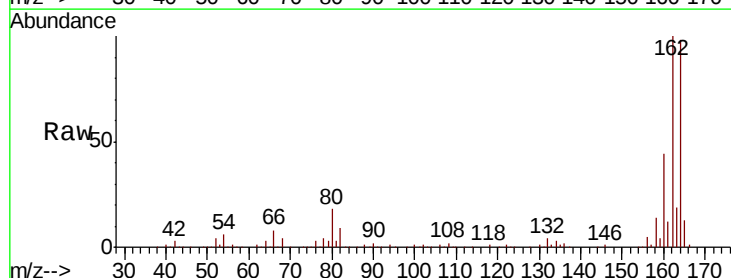
Tgt Ion: 164 Resp: 209443

Ion Ratio Lower Upper

164 100

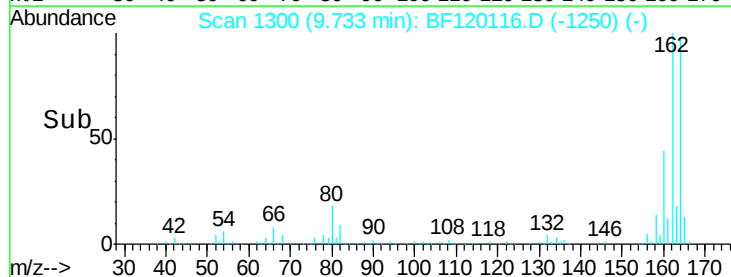
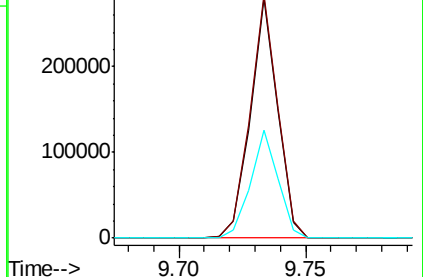
162 101.6 81.9 122.9

160 44.8 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

9.73

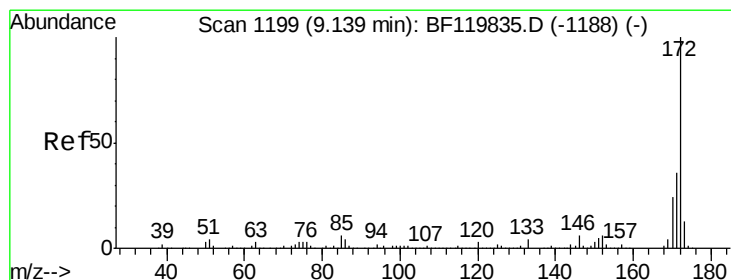
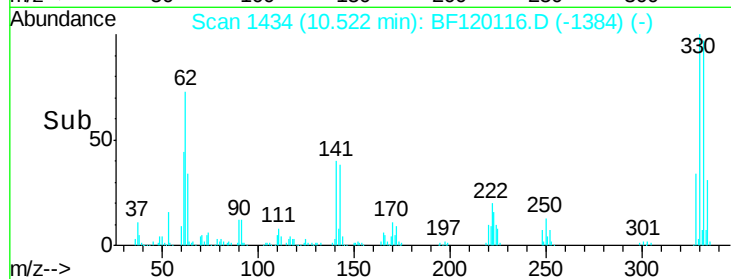
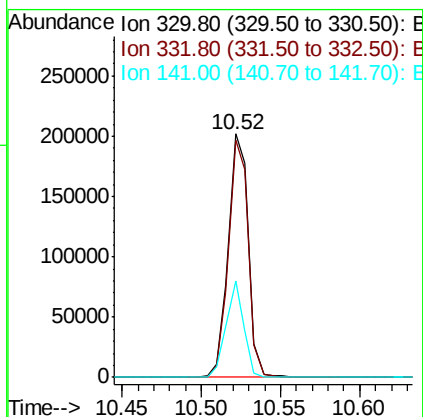
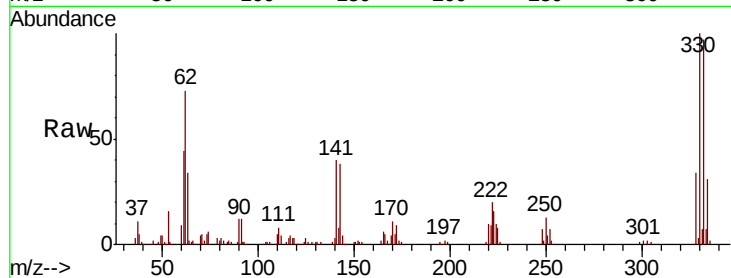




#42
 2,4,6-Tribromophenol
 Concen: 69.037 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120116.D
 Acq: 21 Apr 2020 21:35

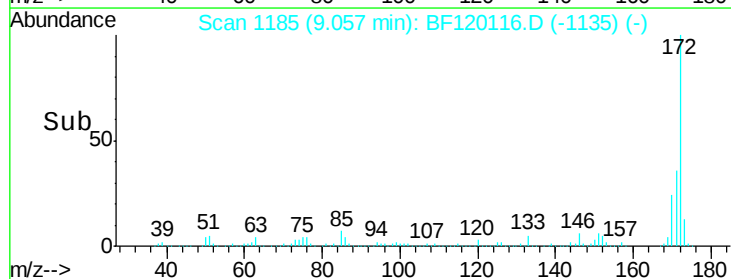
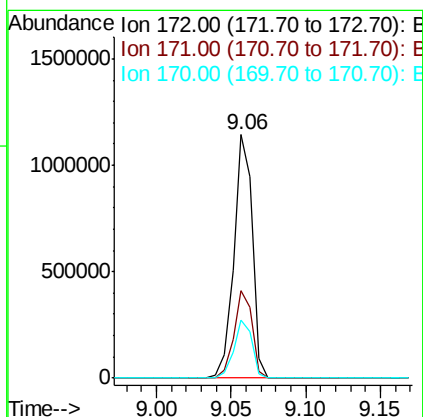
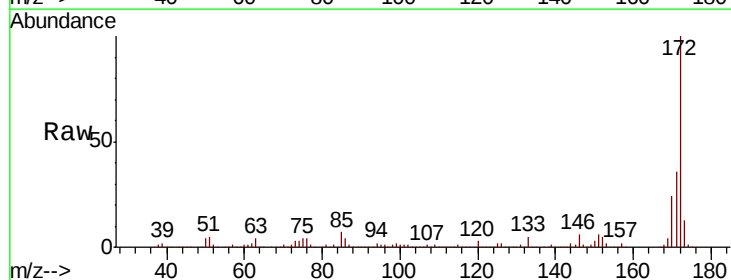
Instrument :
 BNA_F
 ClientSampled :

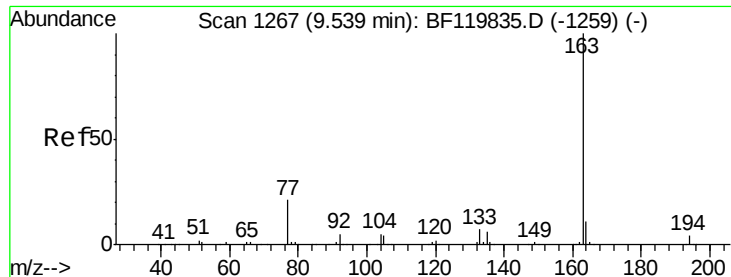
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	34.9	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 67.416 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120116.D
 Acq: 21 Apr 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.7	19.4	29.2





#50

Dimethylphthalate

Concen: 9.763 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

Instrument :

BNA_F

ClientSampleId :

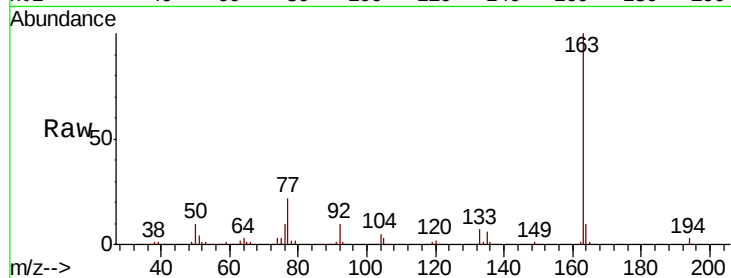
Tot Ion:163 Resp: 158161

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

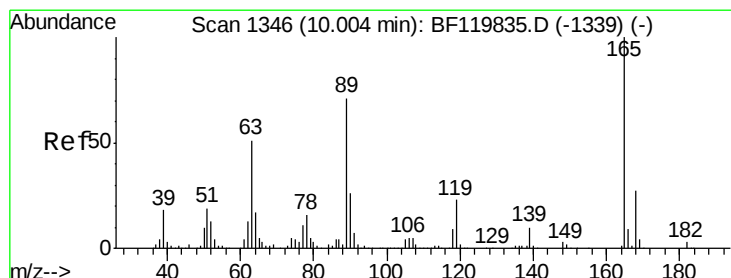
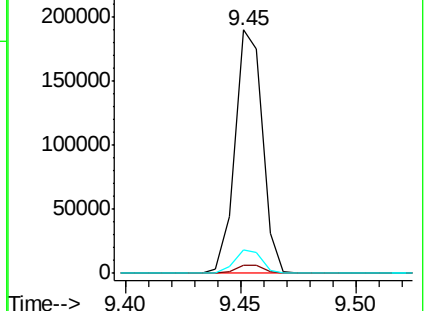
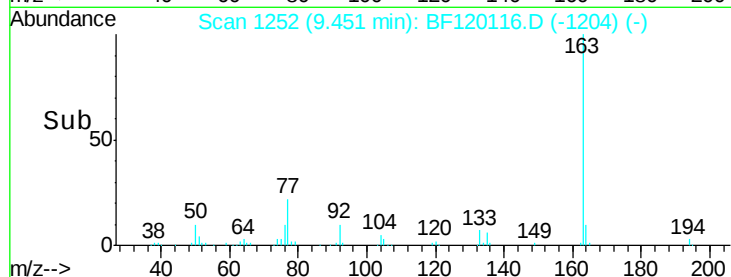
164 9.7 8.4 12.6



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: 5.724 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120116.D

Acq: 21 Apr 2020 21:35

Tgt Ion:165 Resp: 26756

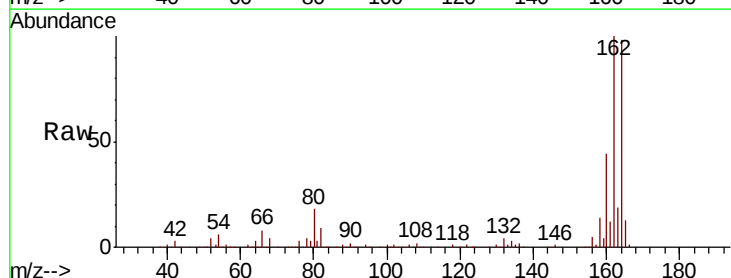
Ion Ratio Lower Upper

165 100

63 1.2 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

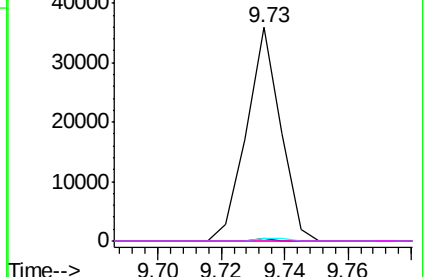
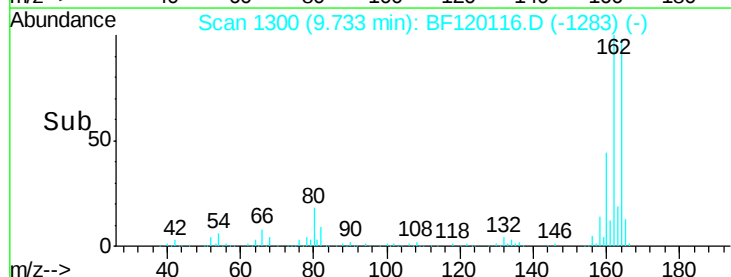


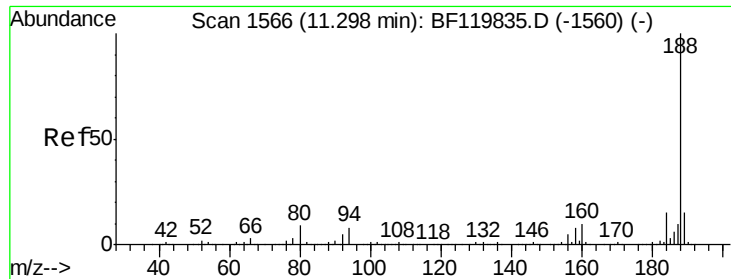
Abundance Ion 165.00 (164.70 to 165.70): E

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

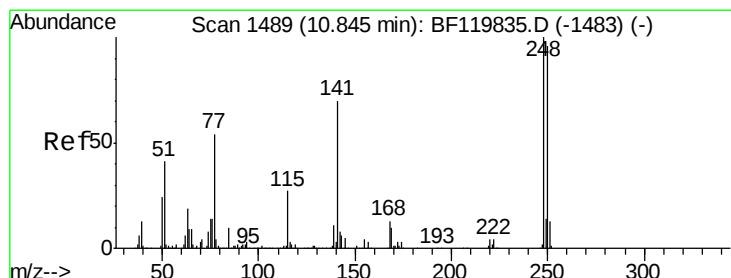
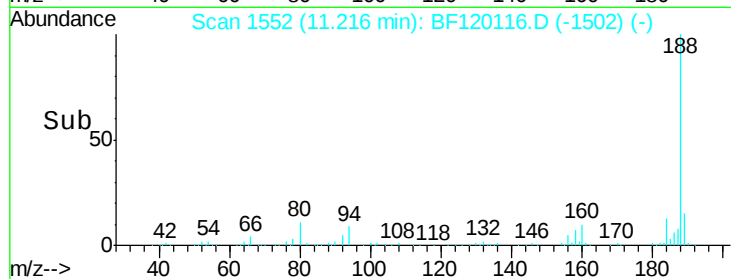
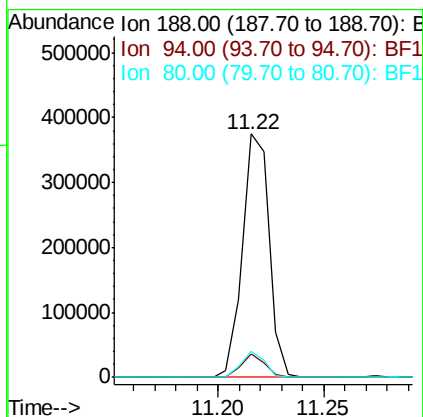
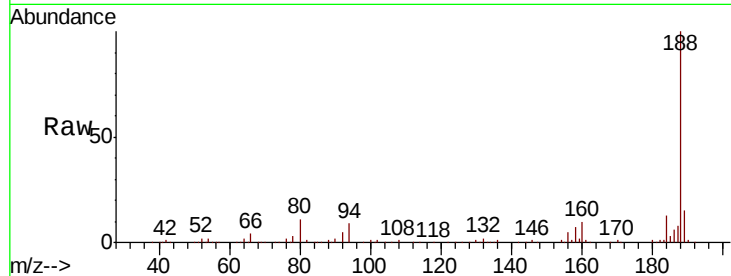




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

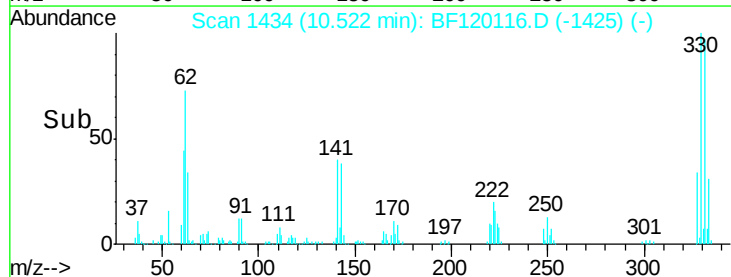
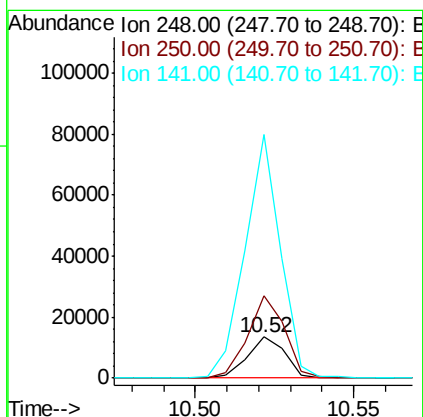
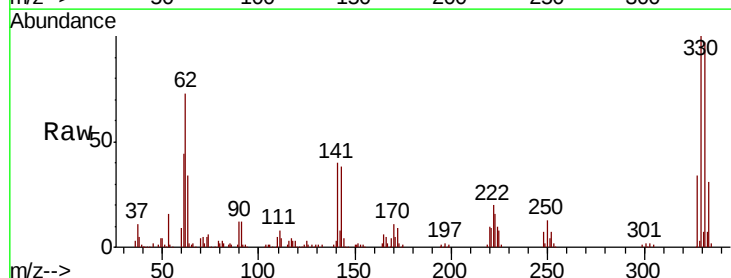
Instrument :
BNA_F
ClientSampled :

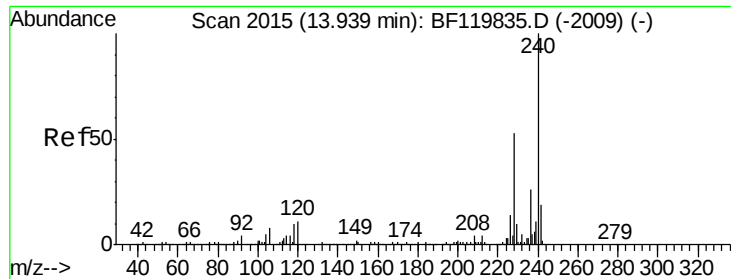
Tot Ion:188 Resp: 328932
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.9 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.686 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Tgt Ion:248 Resp: 10986
Ion Ratio Lower Upper
248 100
250 201.5 76.6 114.8#
141 591.8 55.9 83.9#

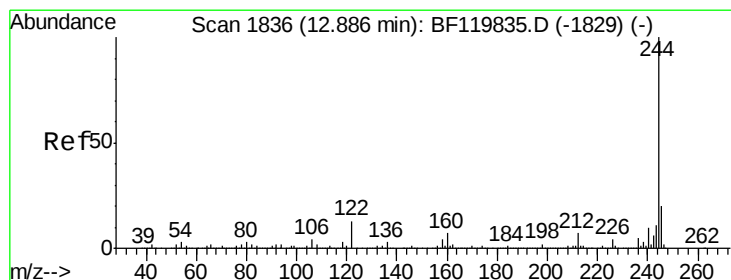
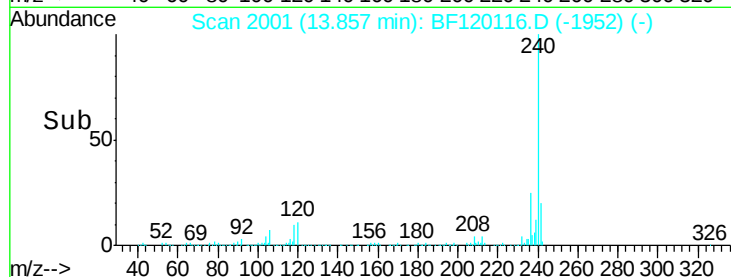
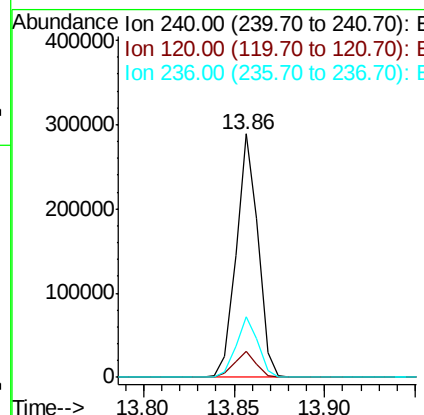
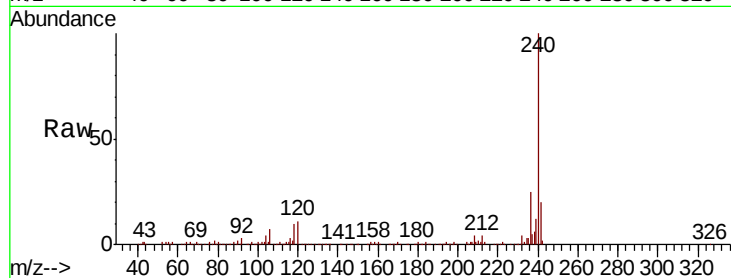




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120116.D
 Acq: 21 Apr 2020 21:35

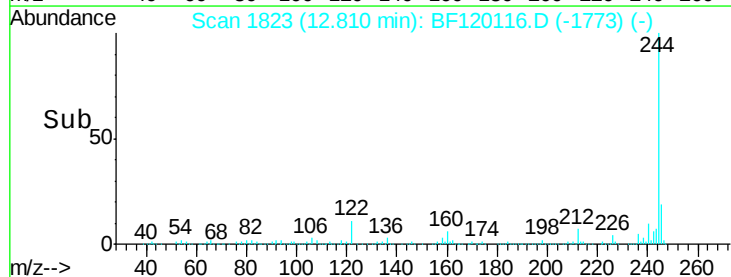
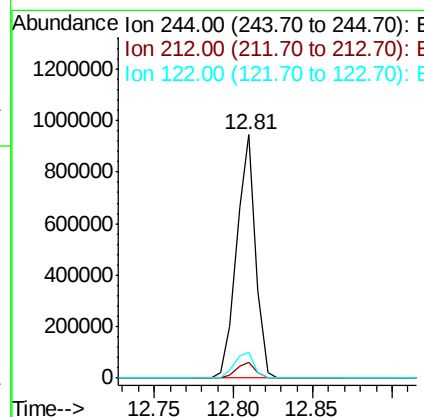
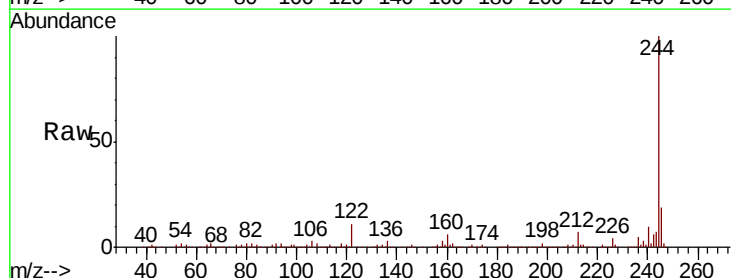
Instrument :
 BNA_F
 ClientSampleId :

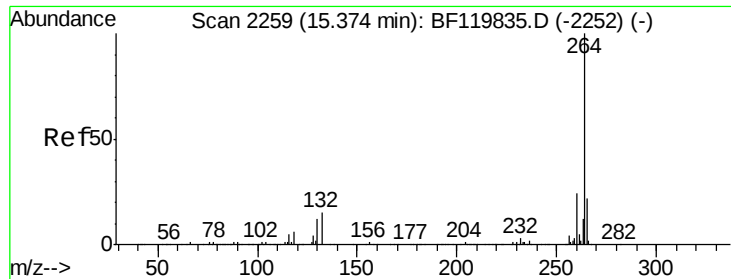
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	24.7	20.7	31.1



#79
 Terphenyl-d14
 Concen: 54.095 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF120116.D
 Acq: 21 Apr 2020 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	10.3	15.5

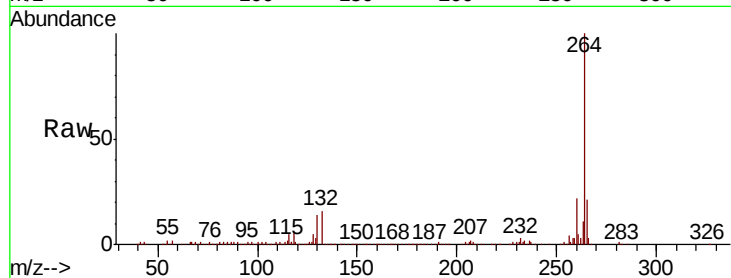




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120116.D
Acq: 21 Apr 2020 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.3	28.9
265	21.2	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

