

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119353.D
 Acq On : 11 Mar 2020 18:40
 Operator : CG/JU
 Sample : L1871-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:09:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

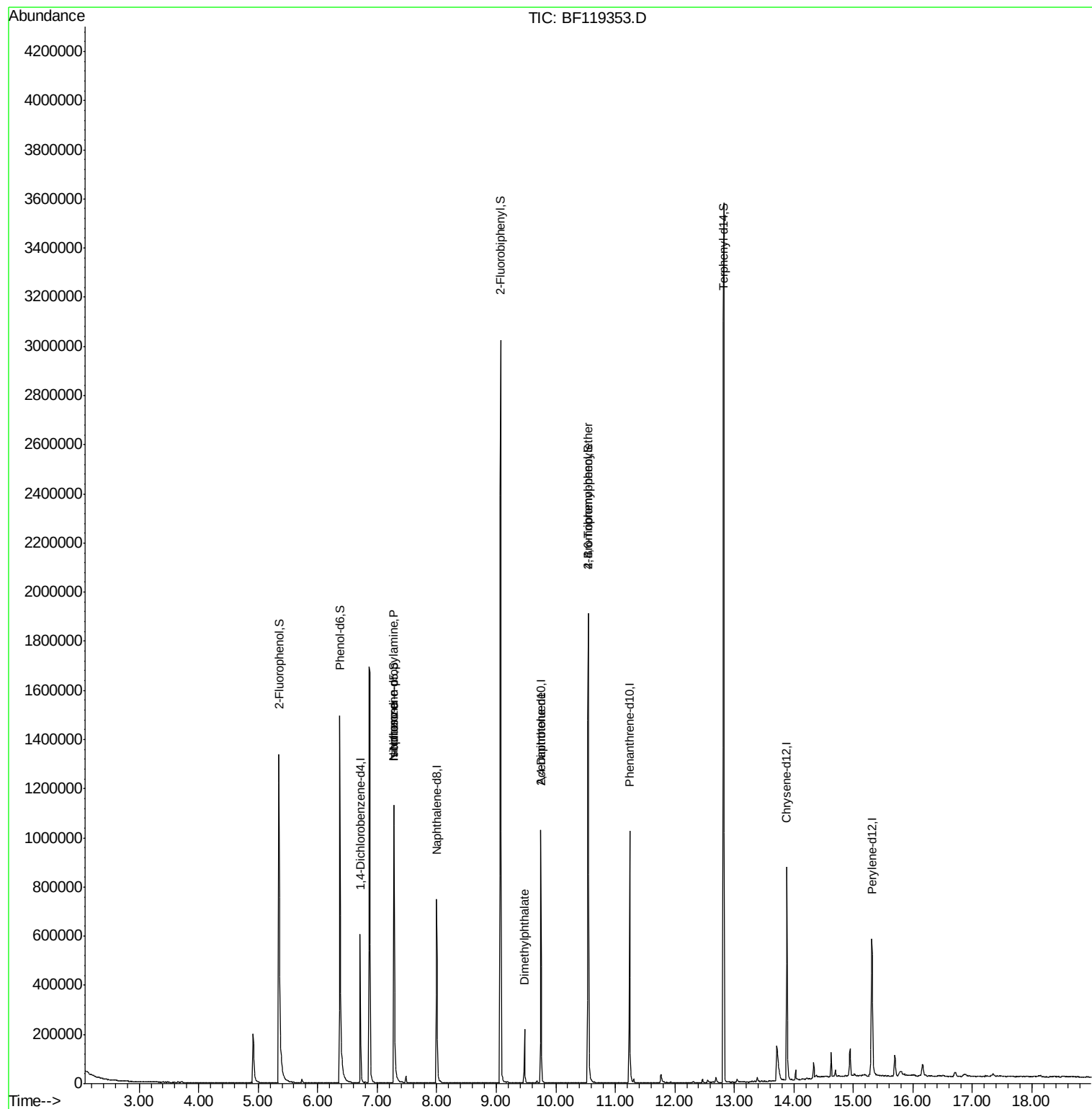
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	98018	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	376961	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	213646	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	410485	20.00	ng	0.00
76) Chrysene-d12	13.88	240	300669	20.00	ng	0.00
87) Perylene-d12	15.31	264	285677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	570189	97.22	ng	0.00
7) Phenol-d6	6.37	99	703511	98.63	ng	0.00
23) Nitrobenzene-d5	7.28	82	458466	64.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	257043	91.97	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	940946	64.88	ng	-0.01
79) Terphenyl-d14	12.82	244	1288898	73.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	63144	15.192	ng	# 74
25) Isophorone	7.28	82	458466	36.976	ng	# 63
50) Dimethylphthalate	9.47	163	108555	6.645	ng	97
57) 2,4-Dinitrotoluene	9.75	165	26934	5.725	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	17277	3.220	ng	# 1

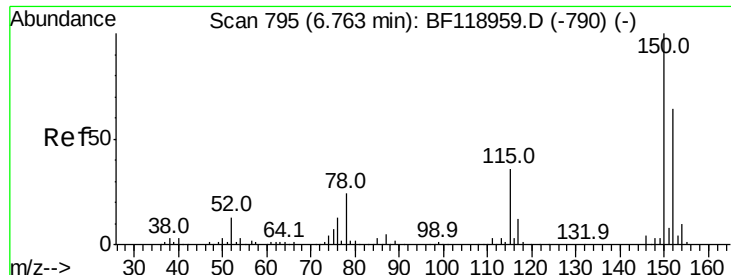
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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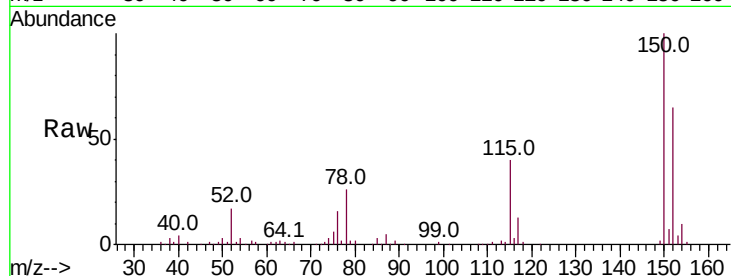


#1

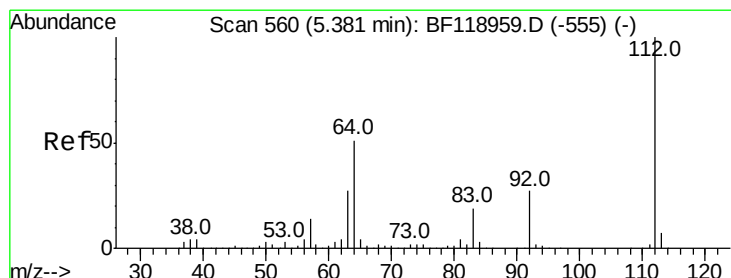
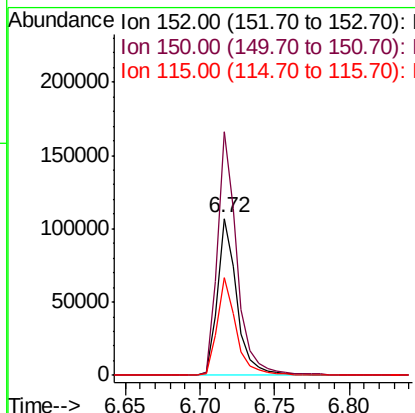
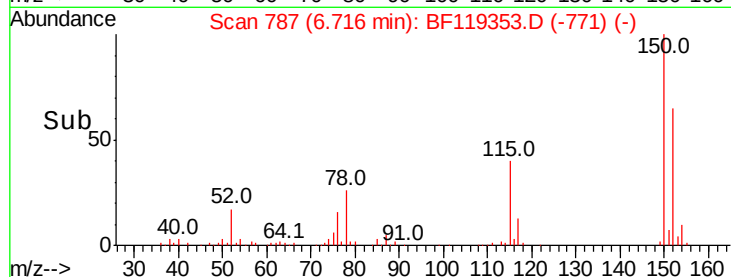
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119353.D
Acq: 11 Mar 2020 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98018
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.6
115 61.9 49.5 74.3



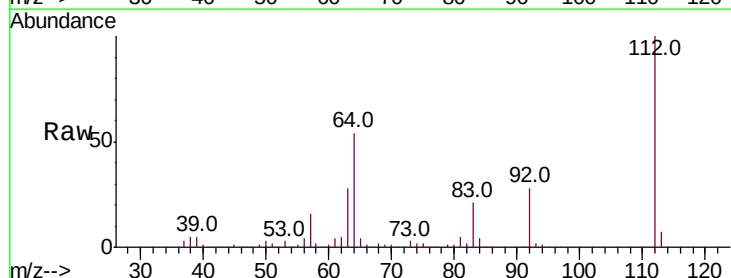
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



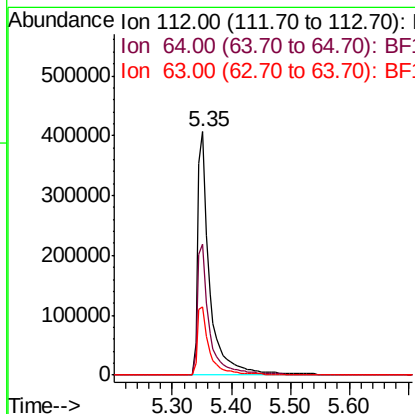
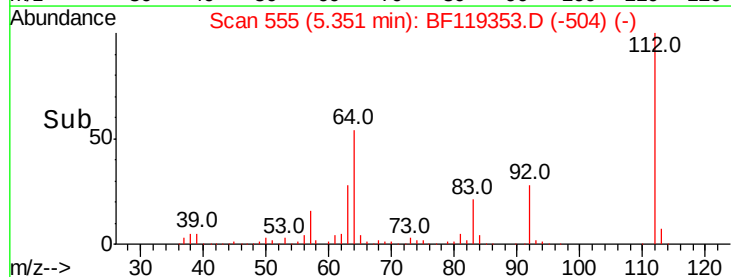
#5

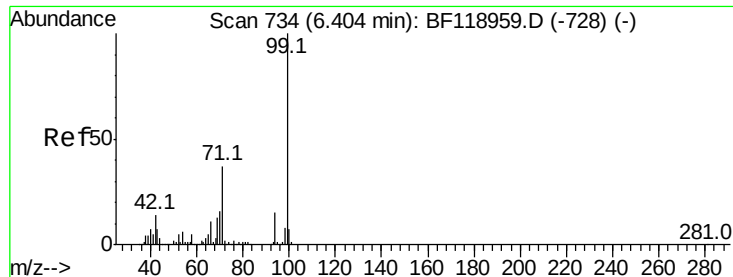
2-Fluorophenol
Concen: 97.216 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119353.D
Acq: 11 Mar 2020 18:40

Tgt Ion:112 Resp: 570189
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.3 24.2 36.4



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: 98.625 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

Instrument :

BNA_F

ClientSampleId :

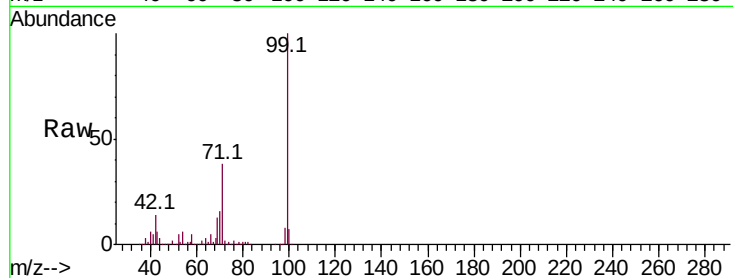
Tot Ion: 99 Resp: 703511

Ion Ratio Lower Upper

99 100

42 13.9 12.6 18.8

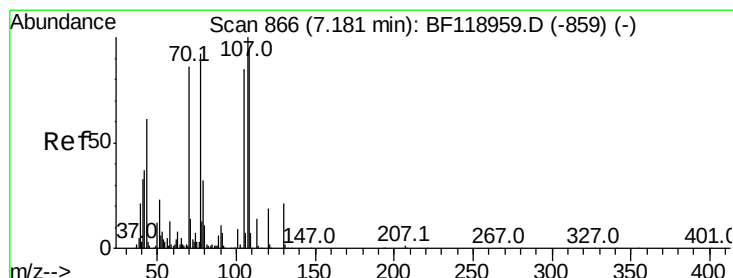
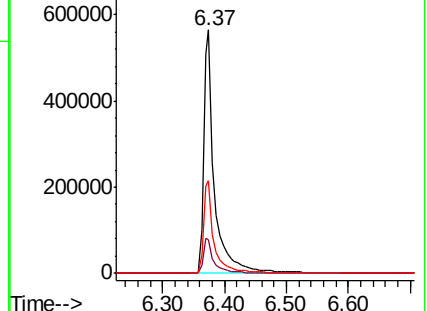
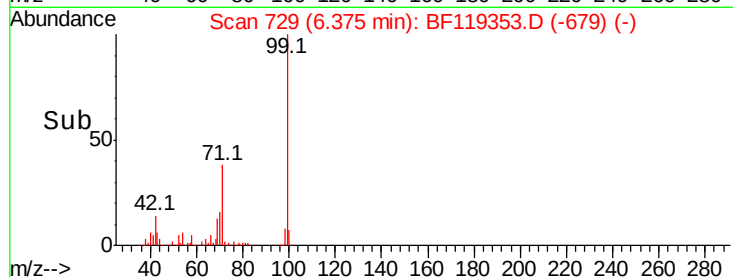
71 37.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.192 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

Tgt Ion: 70 Resp: 63144

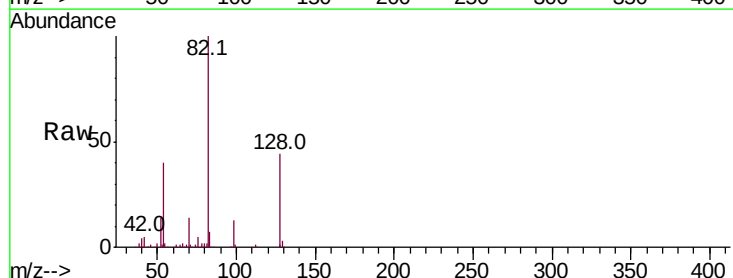
Ion Ratio Lower Upper

70 100

42 35.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

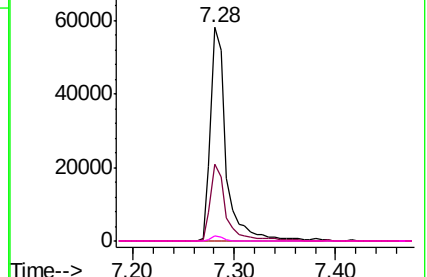
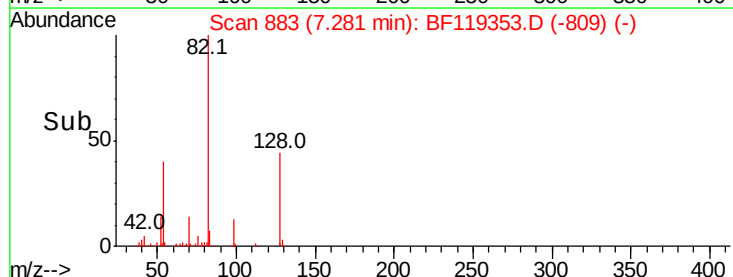


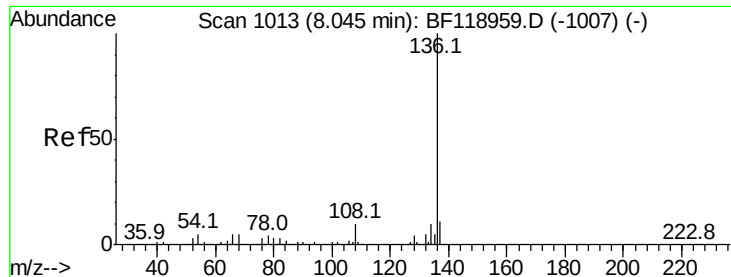
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

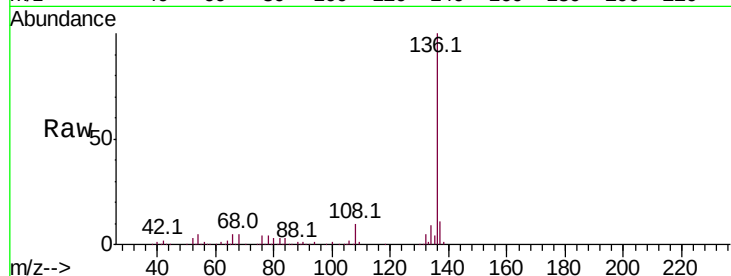




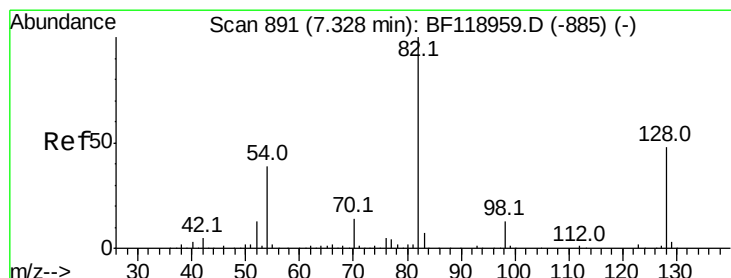
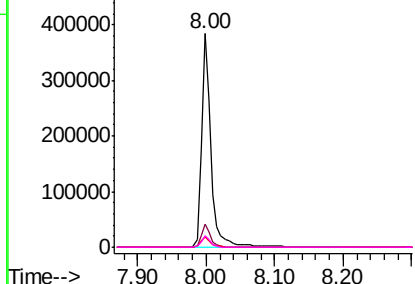
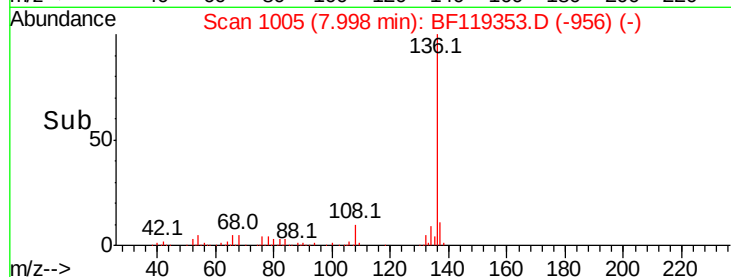
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119353.D
Acq: 11 Mar 2020 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	376961
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.0	3.8	5.6
68	5.4	3.9	5.9

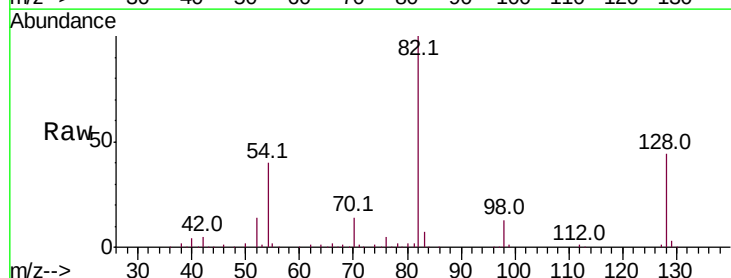


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

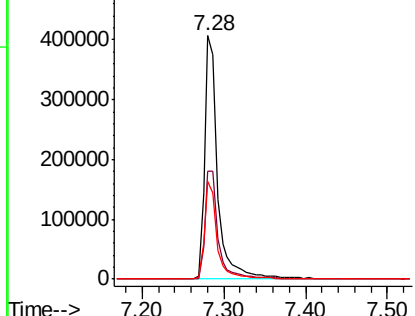
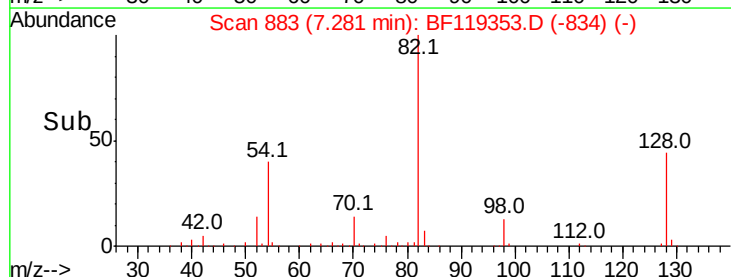


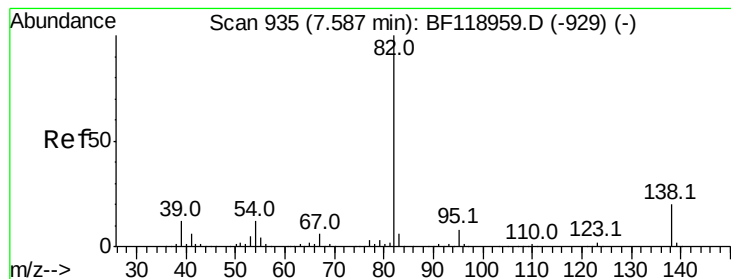
#23
Nitrobenzene-d5
Concen: 64.216 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF119353.D
Acq: 11 Mar 2020 18:40

Tgt Ion:	82	Resp:	458466
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.9	56.9
54	40.4	33.4	50.2



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: 36.976 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

Instrument :

BNA_F

ClientSampled :

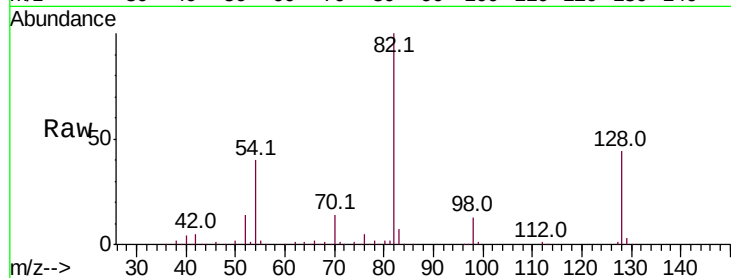
Tot Ion: 82 Resp: 458466

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

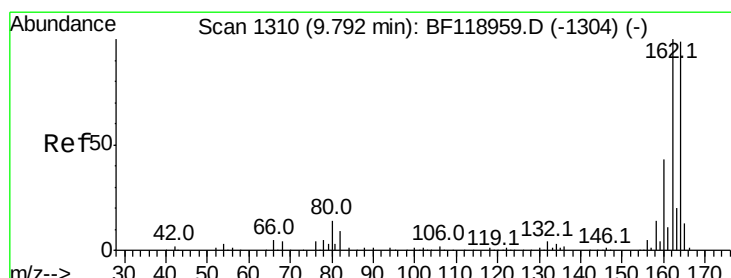
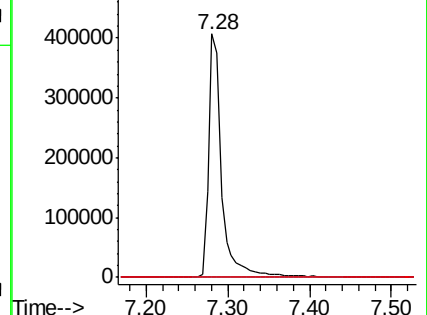
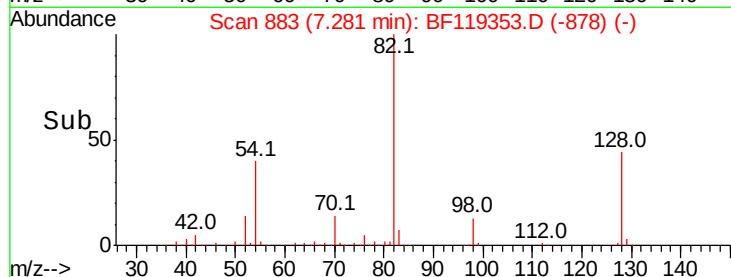
138 0.0 15.7 23.5#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

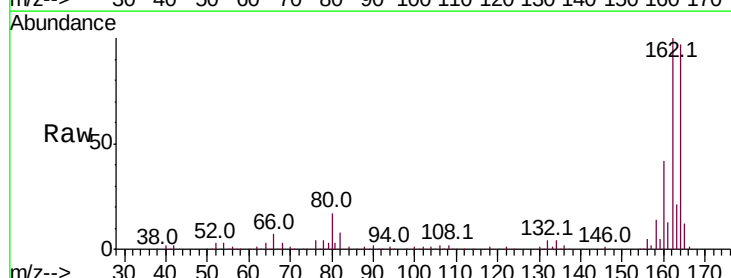
Tgt Ion: 164 Resp: 213646

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

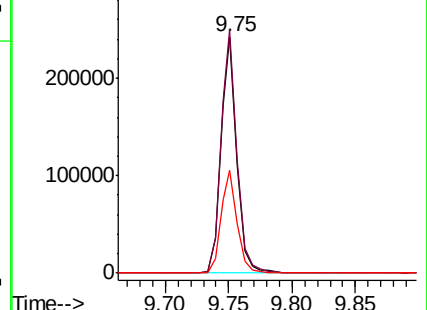
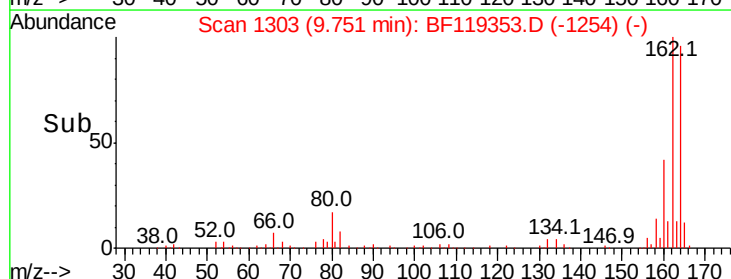
160 43.5 36.0 54.0

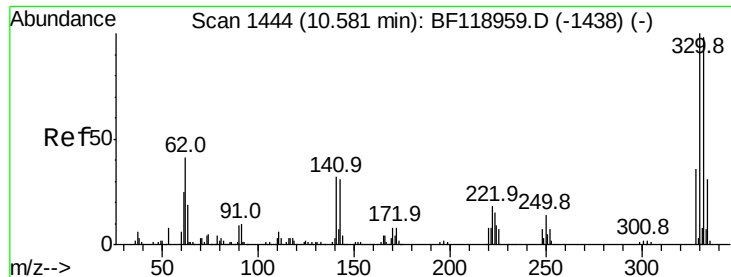


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

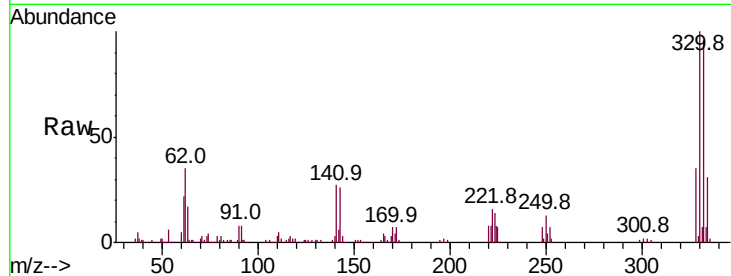




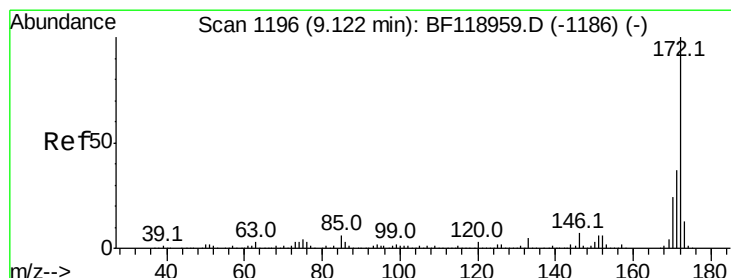
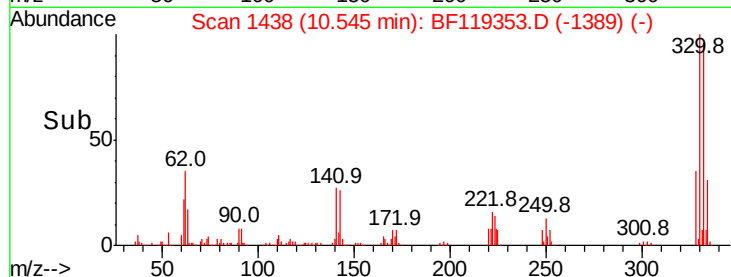
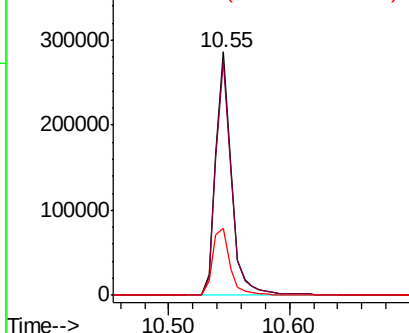
#42
 2,4,6-Tribromophenol
 Concen: 91.970 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.9	22.9	34.3

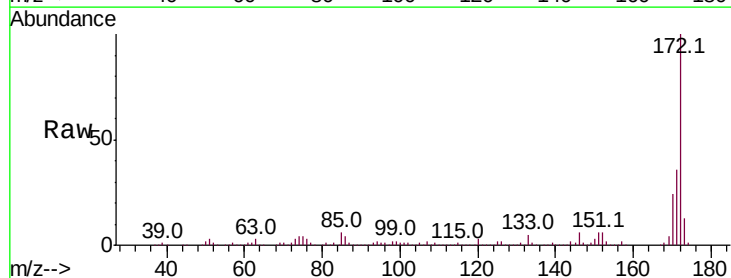


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

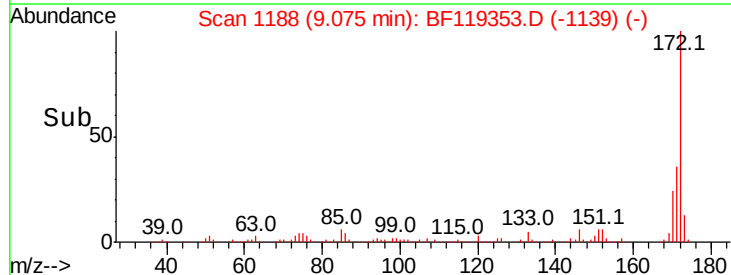
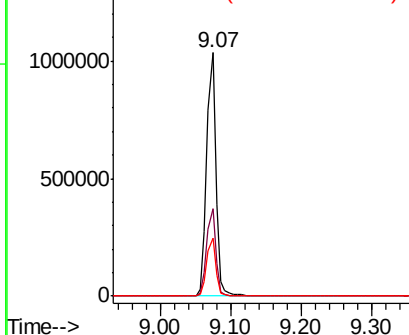


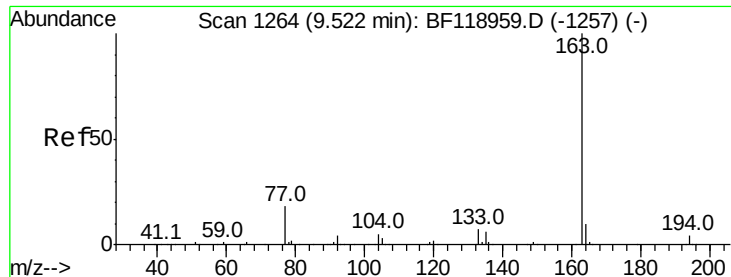
#45
 2-Fluorobiphenyl
 Concen: 64.882 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.1	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: 6.645 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

Instrument :

BNA_F

ClientSampled :

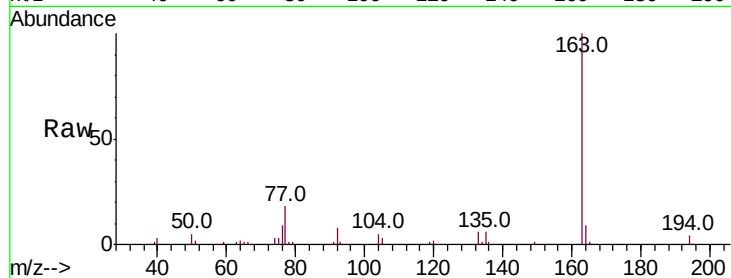
Tot Ion:163 Resp: 108555

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

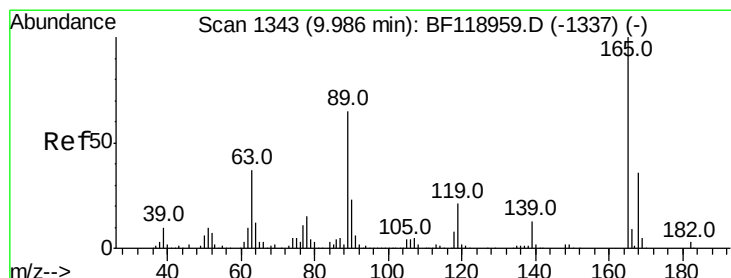
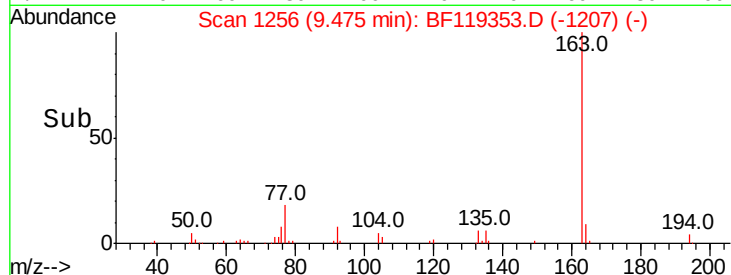
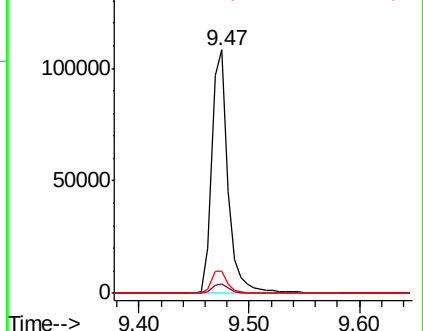
164 9.1 8.4 12.6



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: 5.725 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119353.D

Acq: 11 Mar 2020 18:40

Tgt Ion:165 Resp: 26934

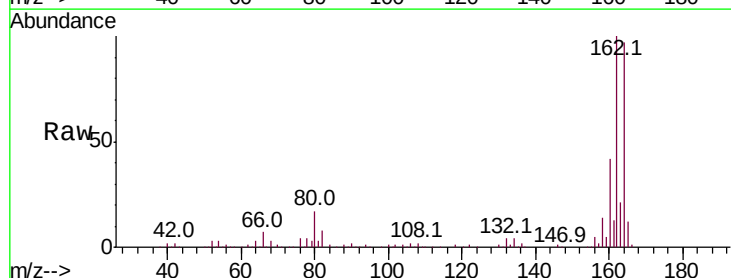
Ion Ratio Lower Upper

165 100

63 1.5 42.3 63.5#

89 1.3 60.2 90.4#

182 0.0 2.3 3.5#

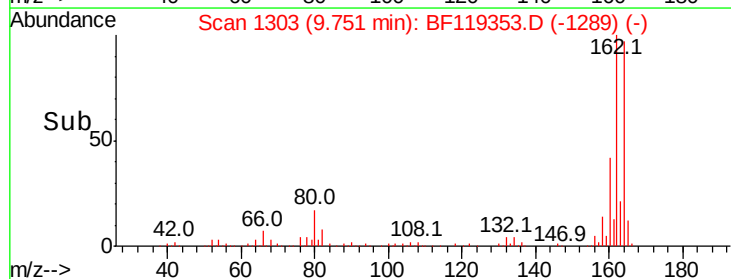
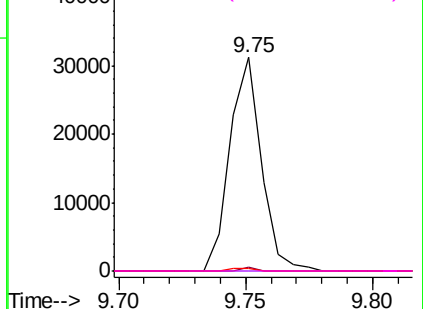


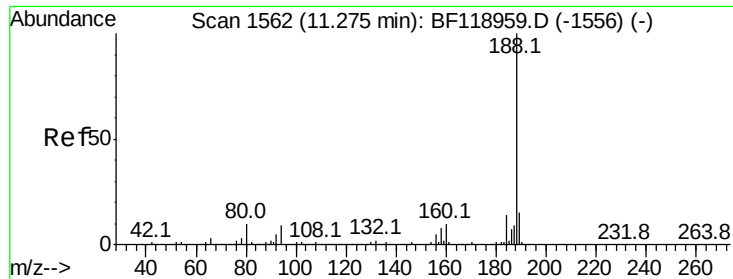
Abundance Ion 165.00 (164.70 to 165.70): E

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

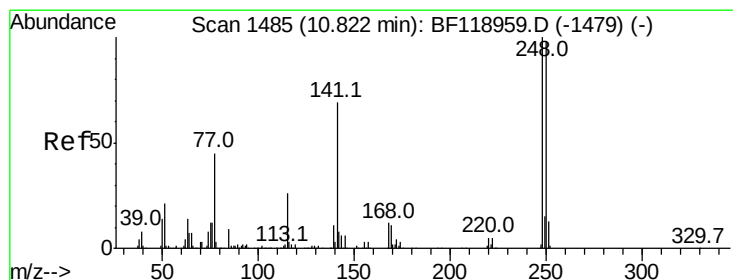
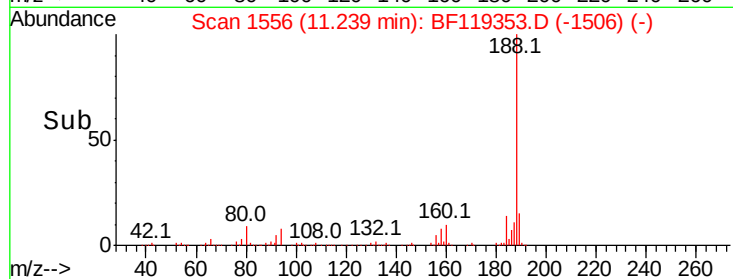
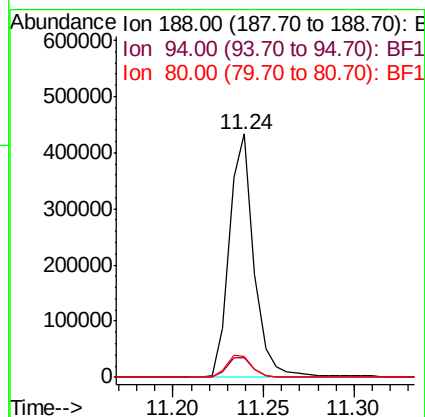
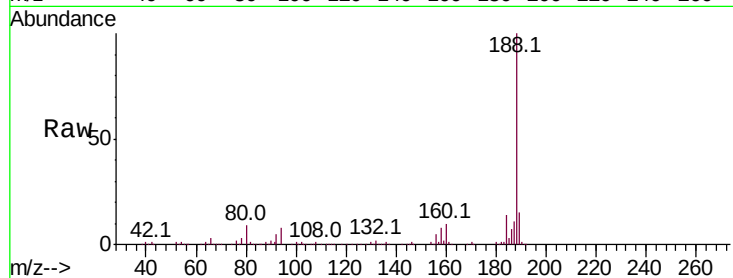




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

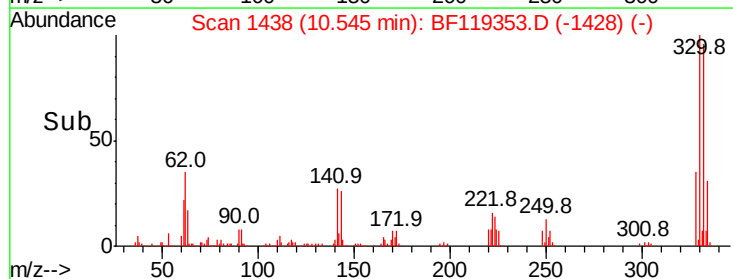
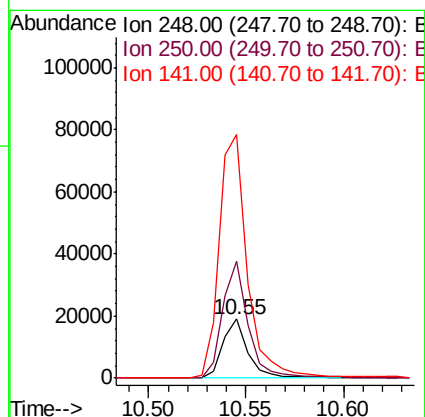
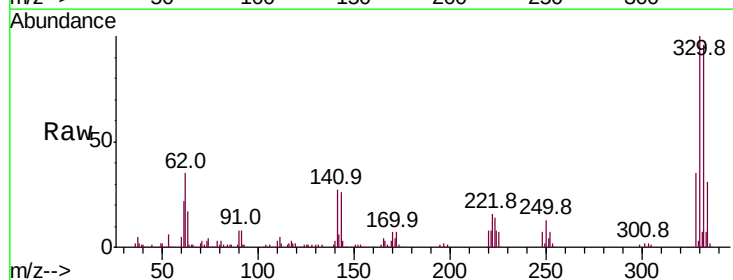
Instrument :
 BNA_F
 ClientSampled :

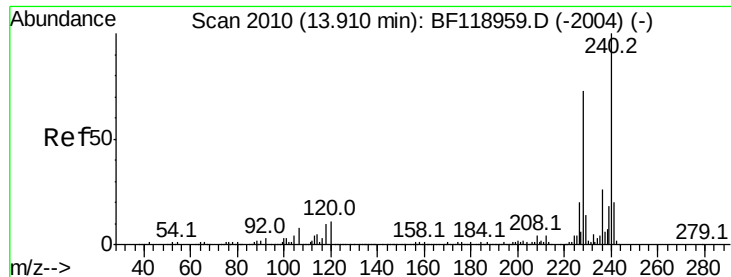
Tot Ion:188 Resp: 410485
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.1 10.7
 80 8.5 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.220 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

Tgt Ion:248 Resp: 17277
 Ion Ratio Lower Upper
 248 100
 250 197.8 76.7 115.1#
 141 411.1 60.7 91.1#

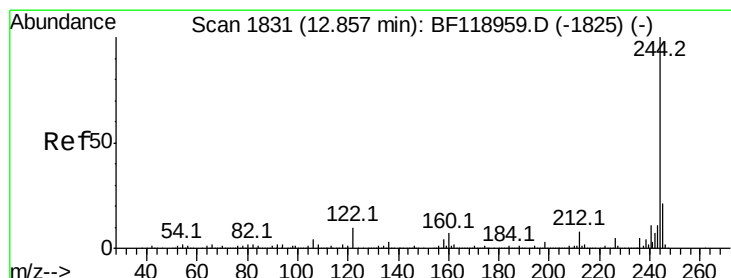
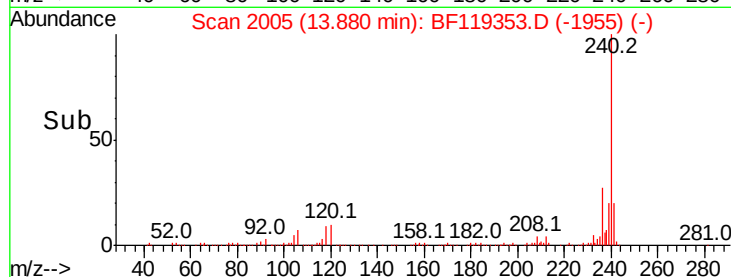
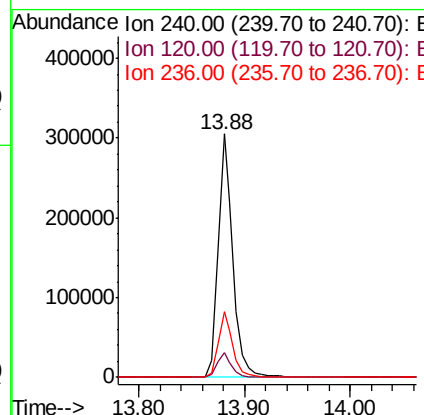
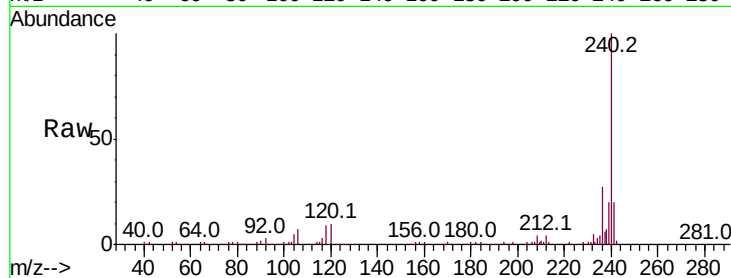




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

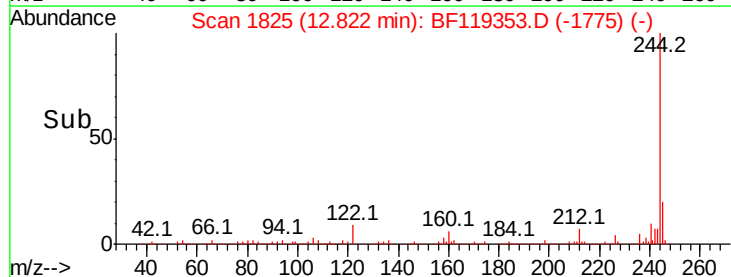
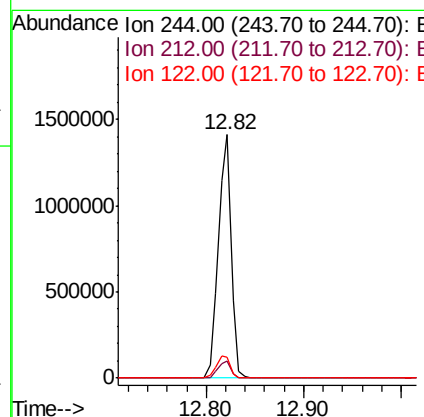
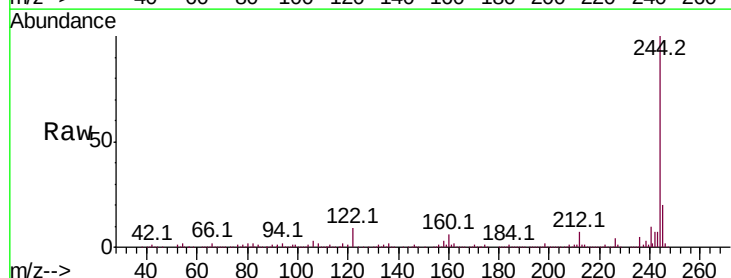
Instrument :
 BNA_F
 ClientSampleId :

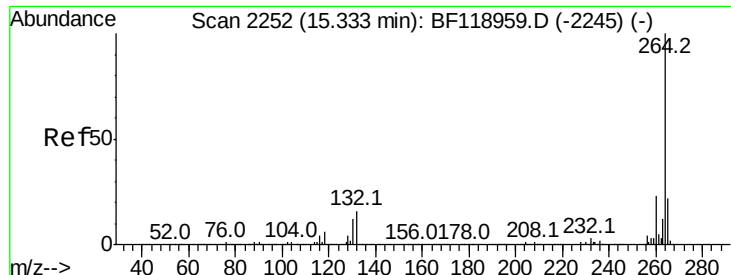
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.9	21.0	31.4



#79
 Terphenyl-d14
 Concen: 73.804 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119353.D
 Acq: 11 Mar 2020 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	8.8	8.2	12.2



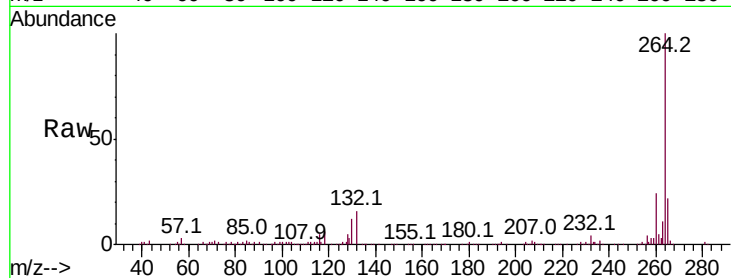


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119353.D
Acq: 11 Mar 2020 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 285677

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	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

