

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119373.D
 Acq On : 12 Mar 2020 10:55
 Operator : CG/JU
 Sample : L1849-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:17 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

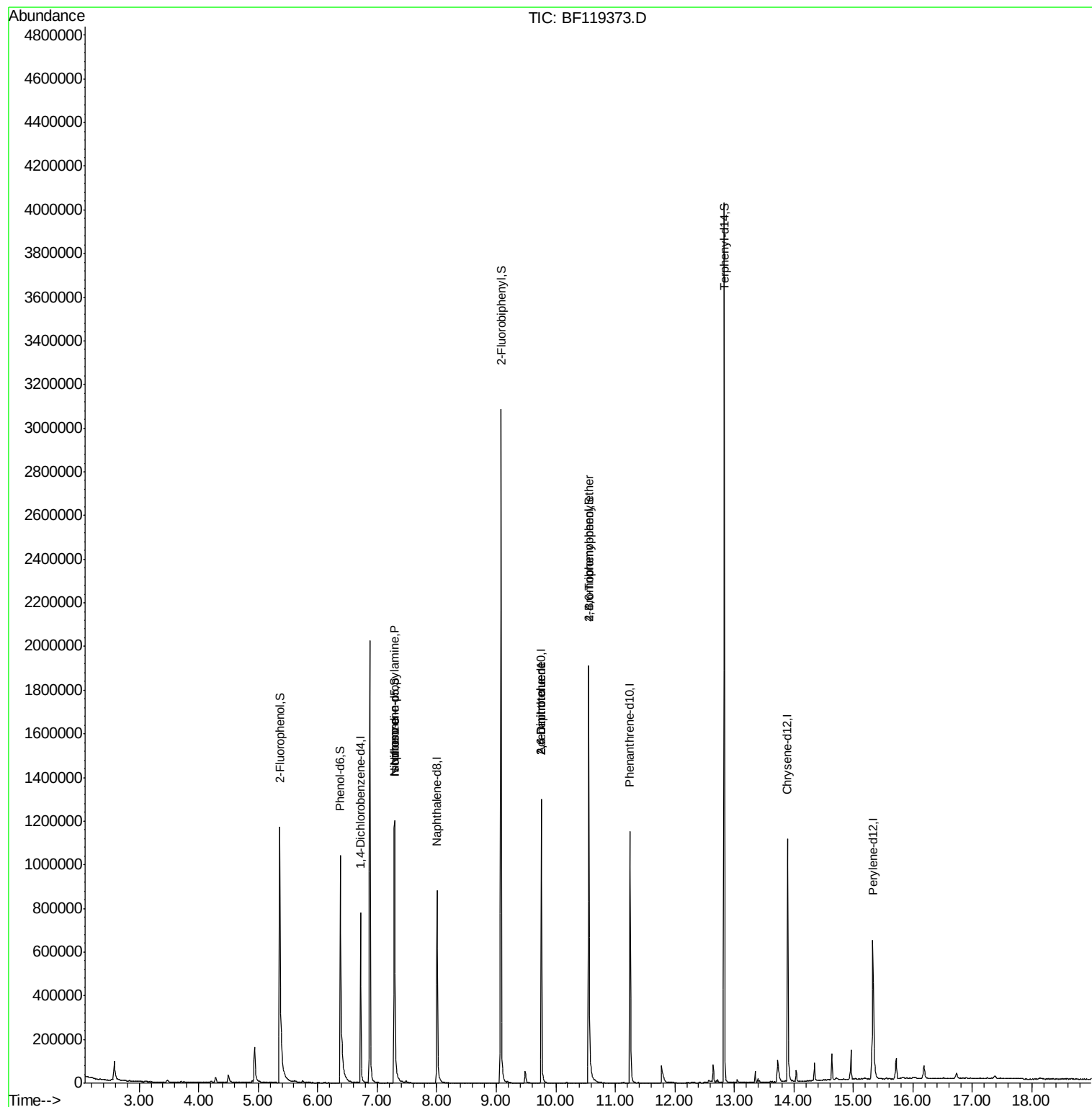
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128951	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	486251	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	287006	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	506910	20.00	ng	0.00
76) Chrysene-d12	13.89	240	439142	20.00	ng	0.00
87) Perylene-d12	15.33	264	382202	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	577338	74.82	ng	0.01
7) Phenol-d6	6.38	99	574869	61.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	543954	59.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	308660	82.21	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1015644	52.13	ng	0.00
79) Terphenyl-d14	12.83	244	1504580	58.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	73611	13.462	ng	# 75
25) Isophorone	7.29	82	543954	34.010	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	36696	7.526	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	36696	5.806	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	20895	3.154	ng	# 1

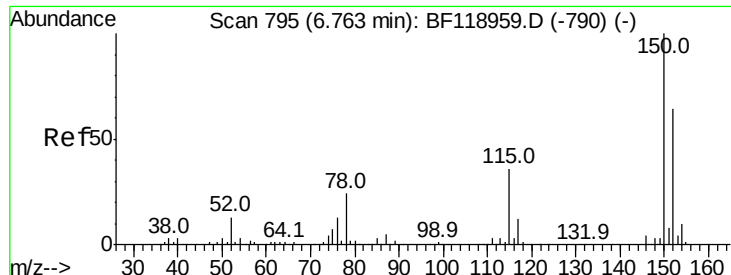
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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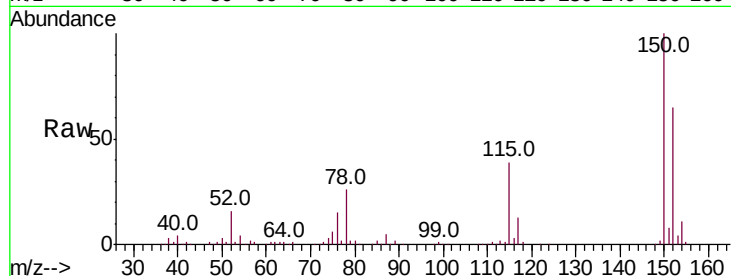


#1

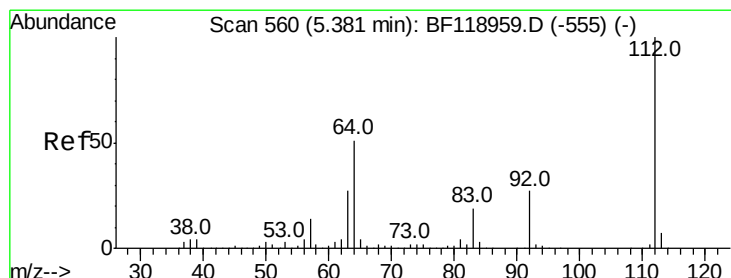
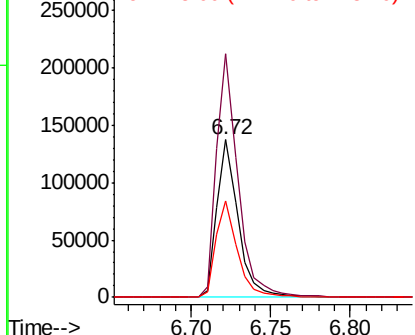
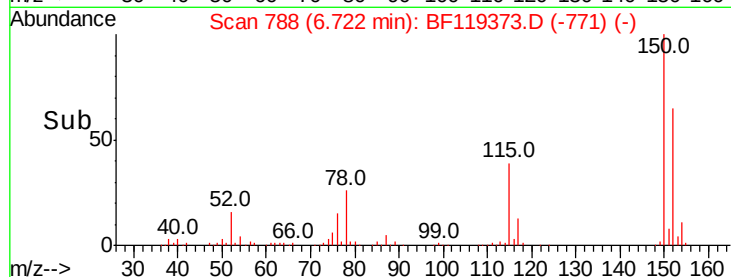
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128951
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 60.9 49.5 74.3



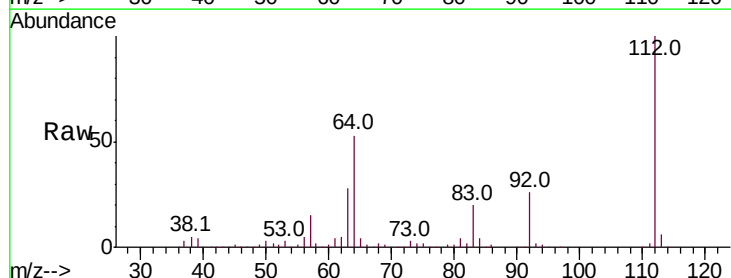
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



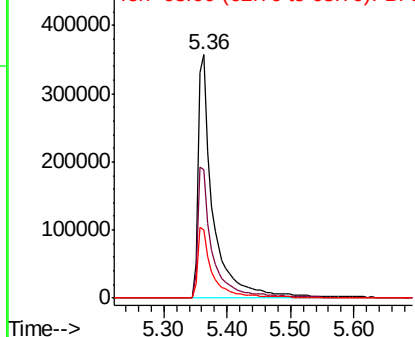
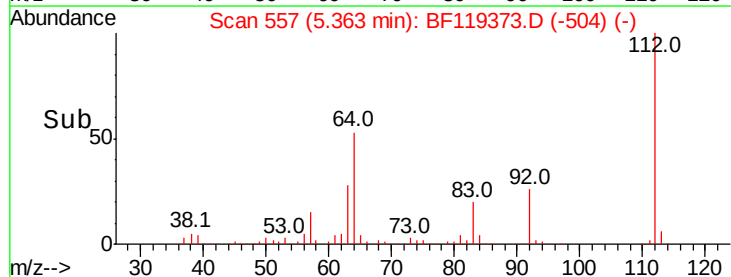
#5

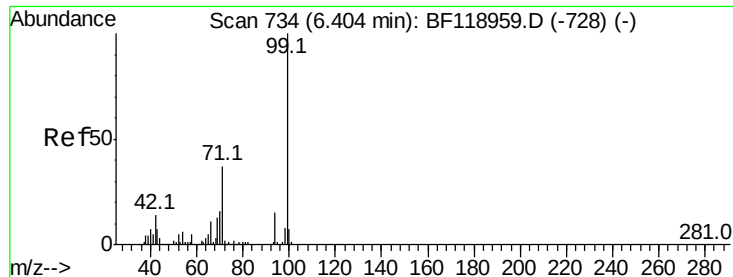
2-Fluorophenol
Concen: 74.822 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Tgt Ion:112 Resp: 577338
Ion Ratio Lower Upper
112 100
64 52.9 45.0 67.4
63 28.0 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: 61.259 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119373.D

Acq: 12 Mar 2020 10:55

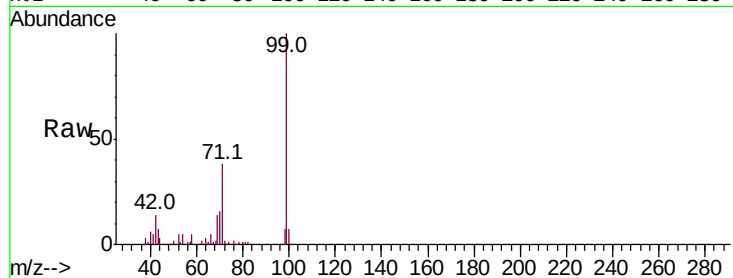
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 574869

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.6	18.8
71	38.2	31.0	46.4

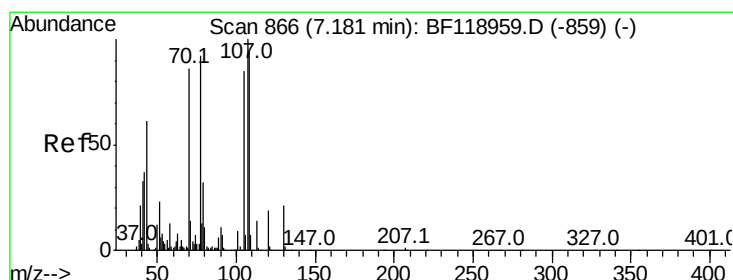
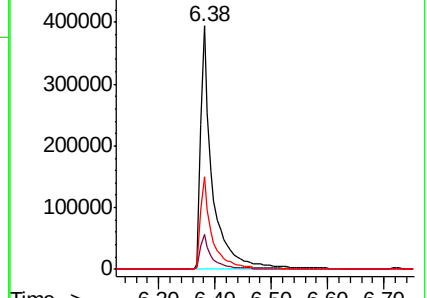
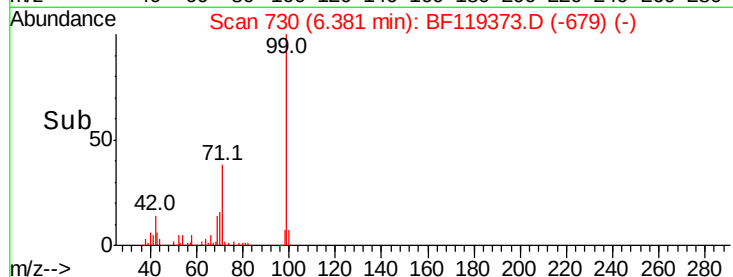


Abundance

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: 13.462 ng

RT: 7.29 min Scan# 884

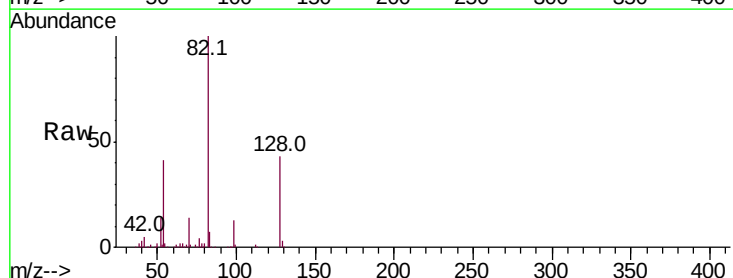
Delta R.T. 0.14 min

Lab File: BF119373.D

Acq: 12 Mar 2020 10:55

Tgt Ion: 70 Resp: 73611

Ion	Ratio	Lower	Upper
70	100		
42	36.5	38.0	57.0#
101	0.0	8.2	12.4#
130	2.1	18.2	27.4#



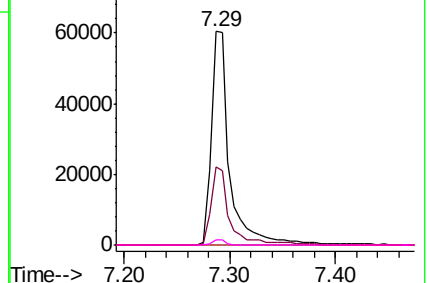
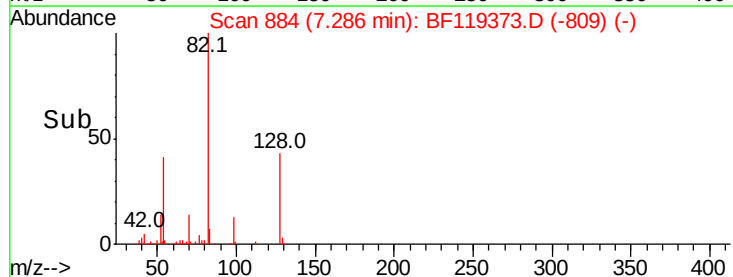
Abundance

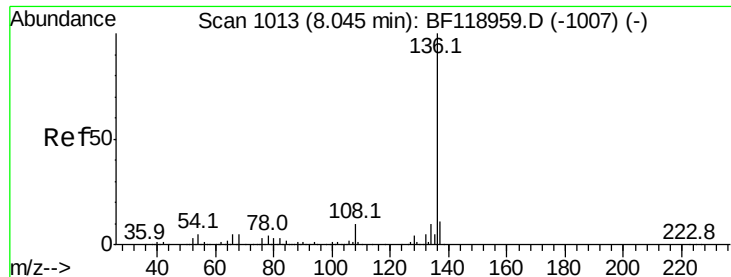
Ion 70.00 (69.70 to 70.70): BF1

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

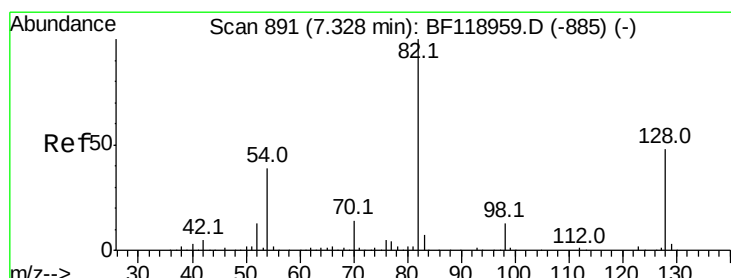
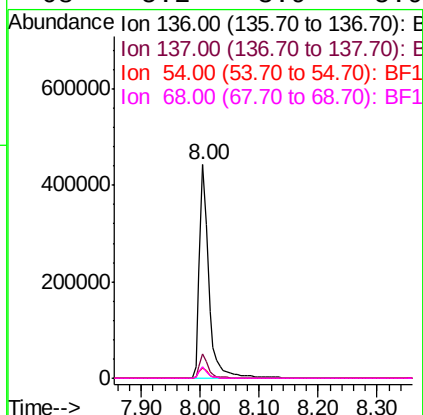
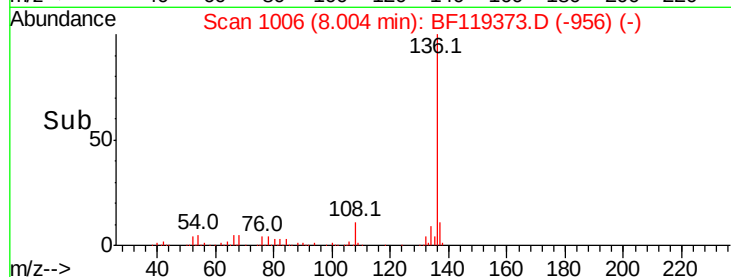
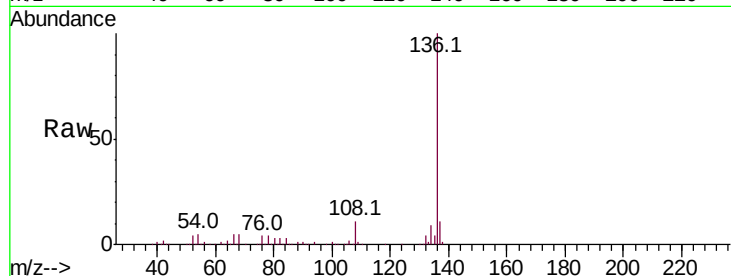




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

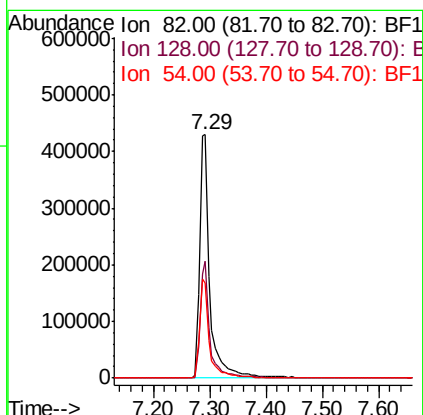
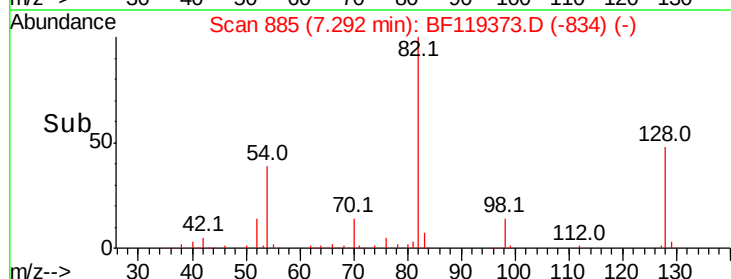
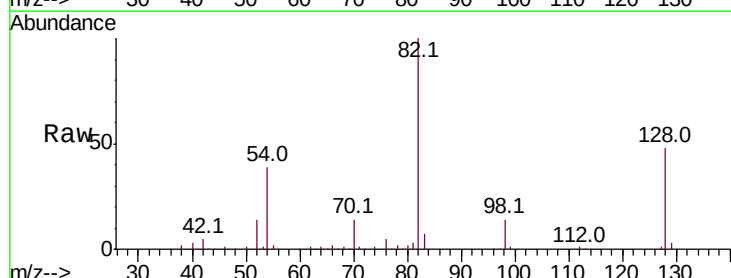
Instrument :
BNA_F
ClientSampleId :

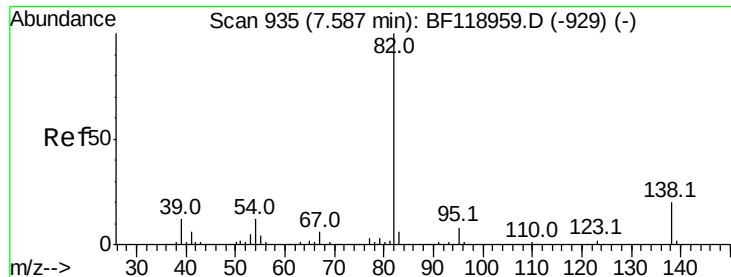
Tot Ion:136	Resp: 486251
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 5.0	3.8 5.6
68 5.2	3.9 5.9



#23
Nitrobenzene-d5
Concen: 59.066 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Tgt Ion	82	Resp: Lower	543954 Upper
82	100		
128	48.0	37.9	56.9
54	39.1	33.4	50.2





#25

Isophorone

Concen: 34.010 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119373.D

Acq: 12 Mar 2020 10:55

Instrument :

BNA_F

ClientSampled :

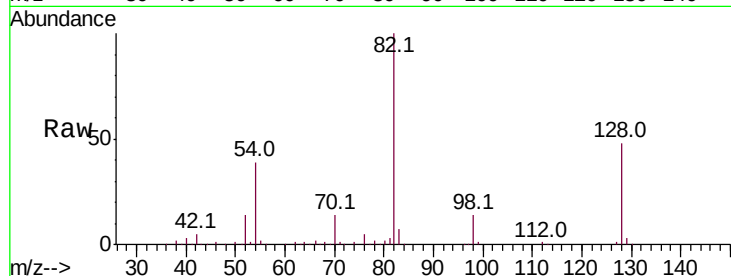
Tot Ion: 82 Resp: 543954

Ion Ratio Lower Upper

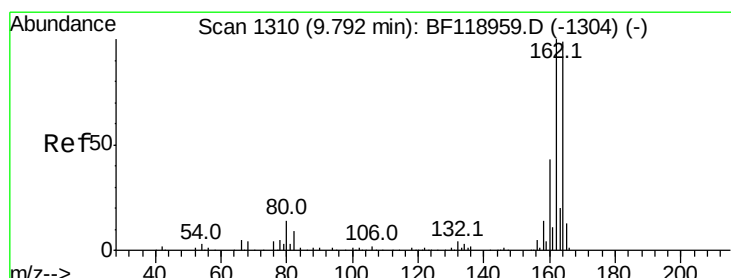
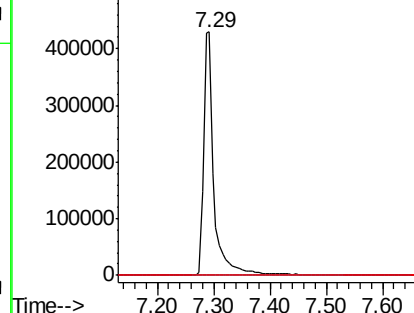
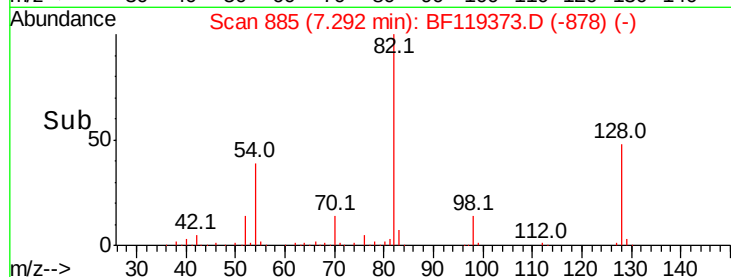
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119373.D

Acq: 12 Mar 2020 10:55

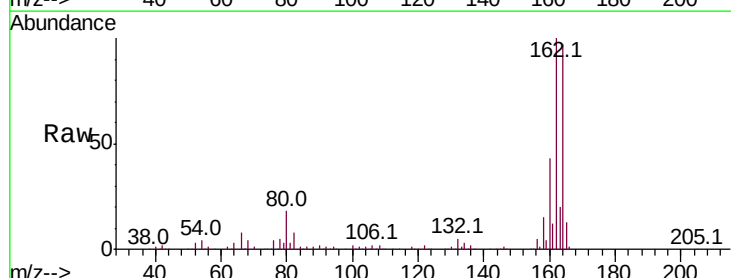
Tgt Ion:164 Resp: 287006

Ion Ratio Lower Upper

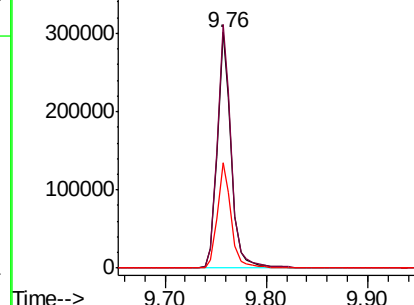
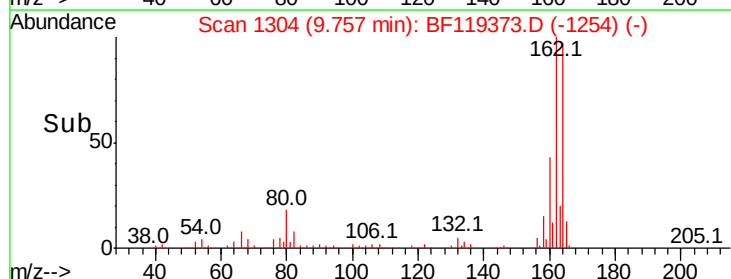
164 100

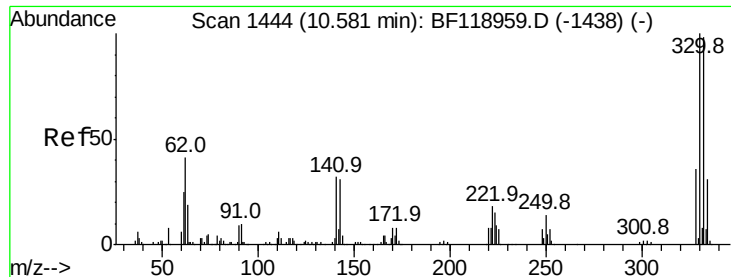
162 103.3 81.8 122.8

160 44.9 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

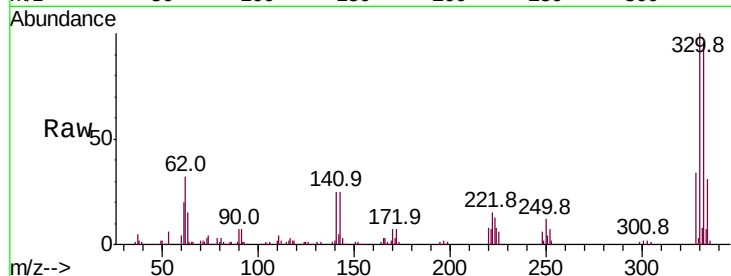




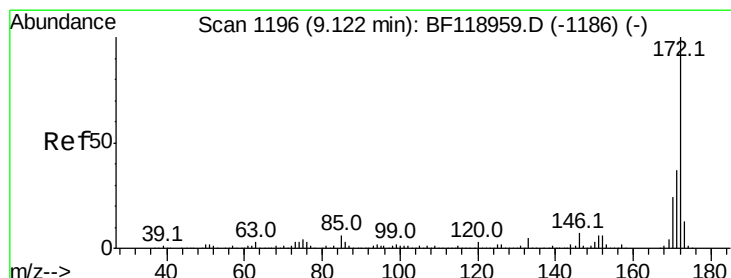
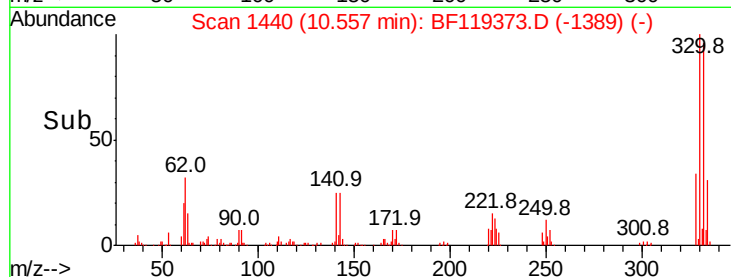
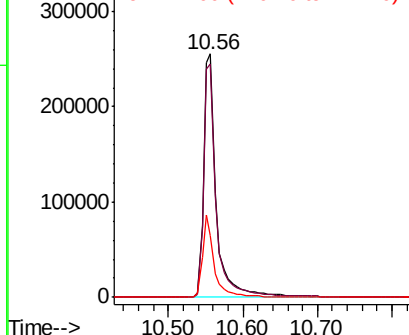
#42
2,4,6-Tribromophenol
Concen: 82.210 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	31.8	22.9	34.3

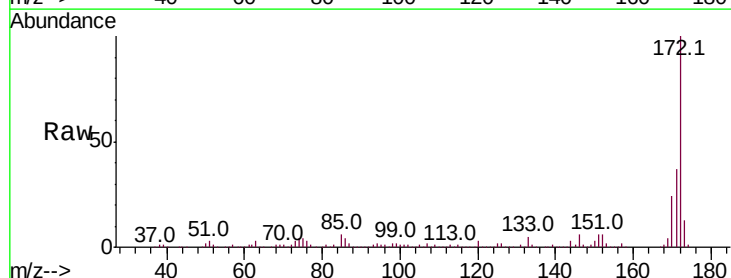


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

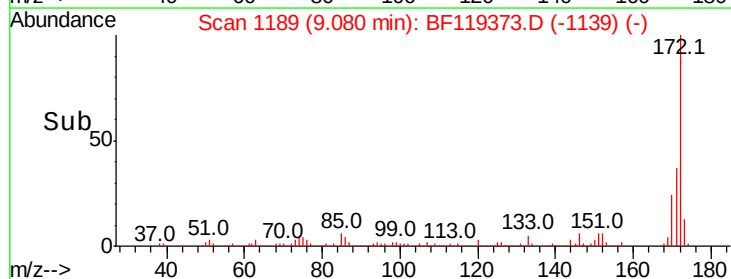
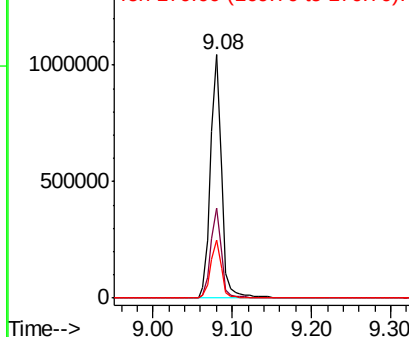


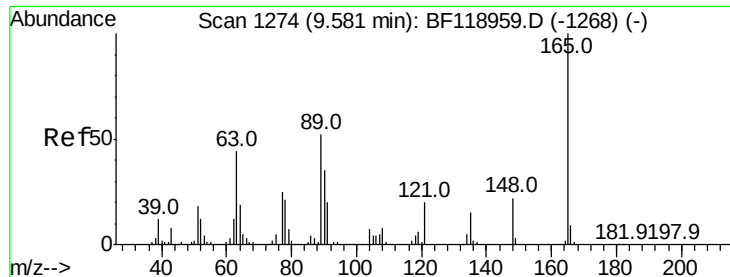
#45
2-Fluorobiphenyl
Concen: 52.132 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	23.8	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

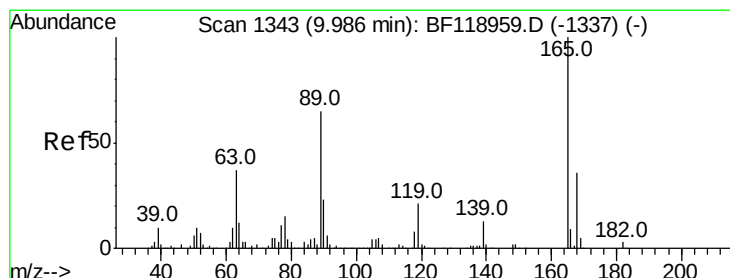
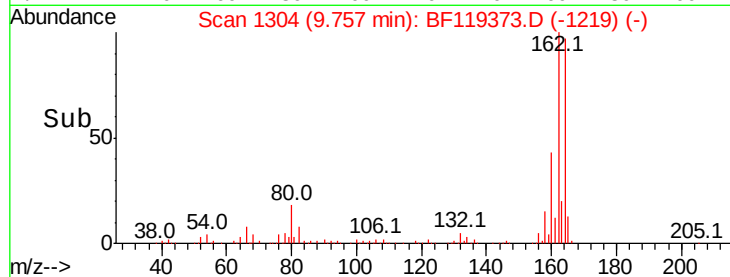
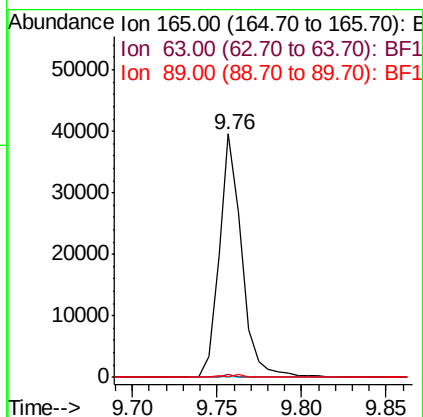
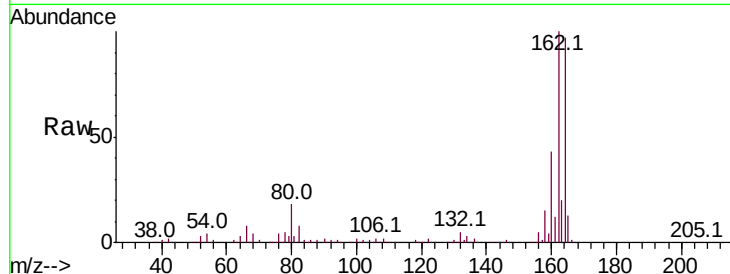




#51
 2,6-Dinitrotoluene
 Concen: 7.526 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119373.D
 Acq: 12 Mar 2020 10:55

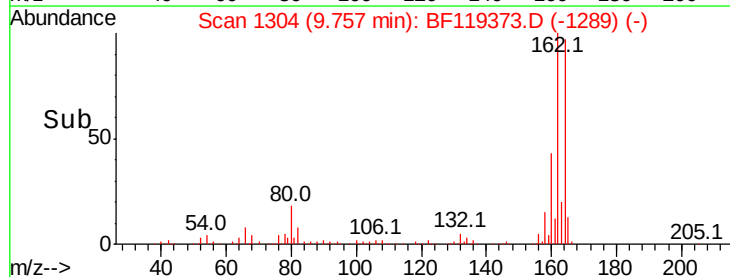
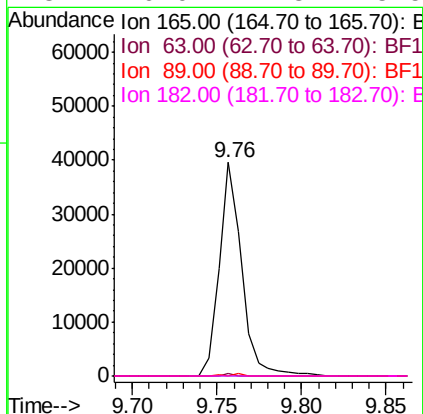
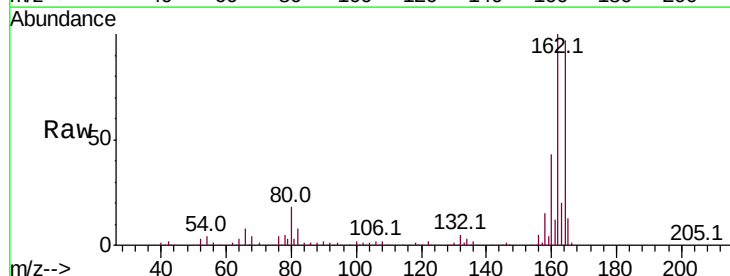
Instrument :
 BNA_F
 ClientSampleId :

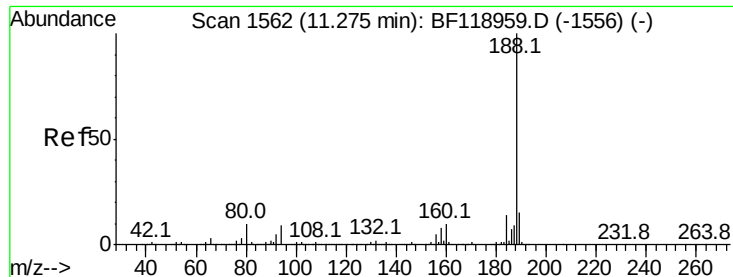
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	0.0	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119373.D
 Acq: 12 Mar 2020 10:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	0.0	60.2	90.4#
182	0.0	2.3	3.5#

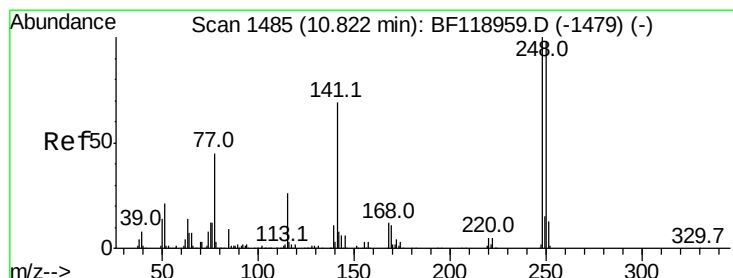
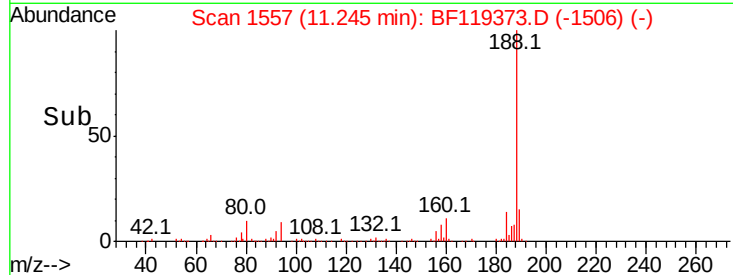
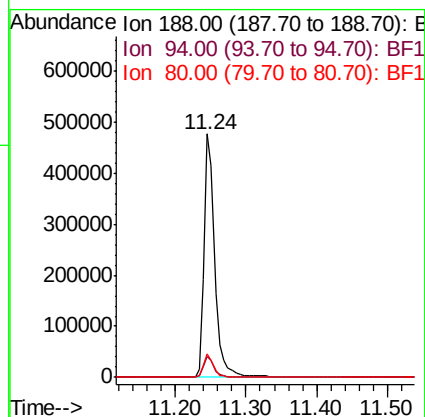
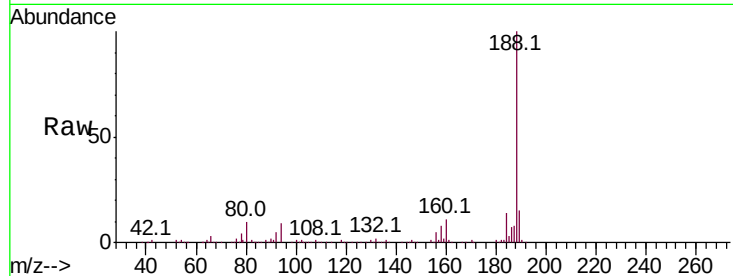




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

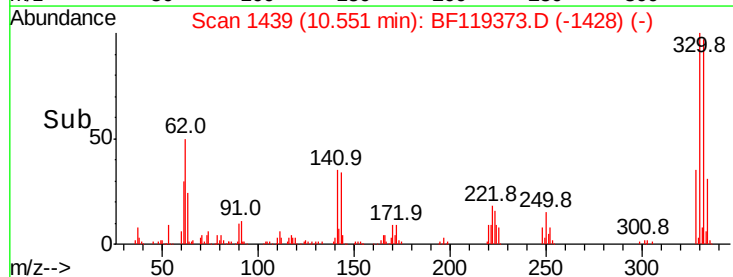
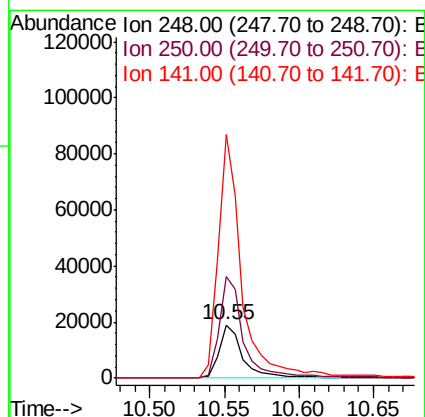
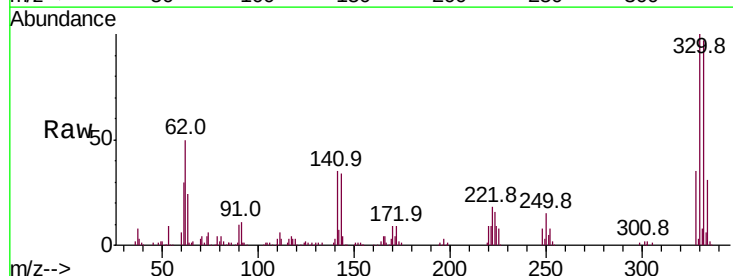
Instrument :
BNA_F
ClientSampleId :

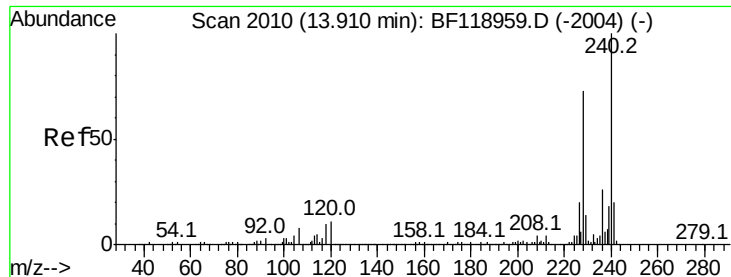
Tot Ion:188 Resp: 506910
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.6 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 3.154 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Tgt Ion:248 Resp: 20895
Ion Ratio Lower Upper
248 100
250 191.4 76.7 115.1#
141 460.2 60.7 91.1#

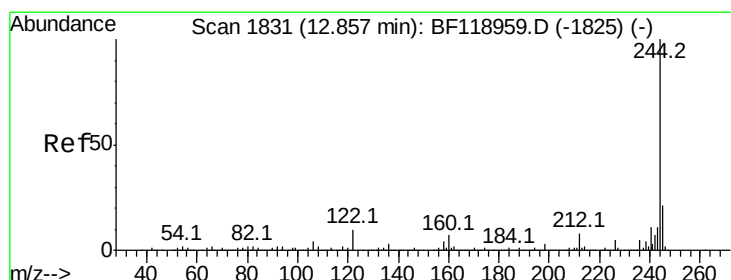
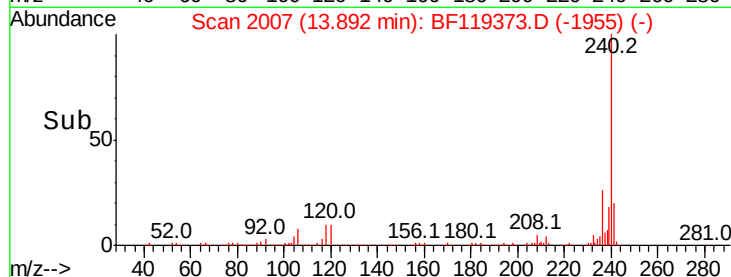
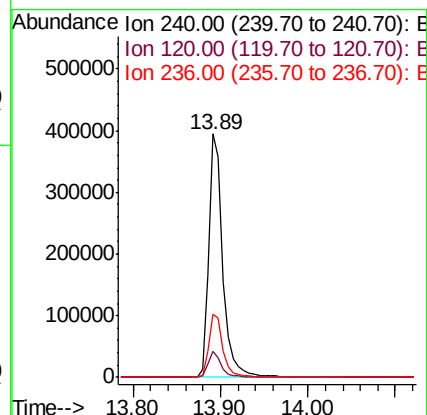
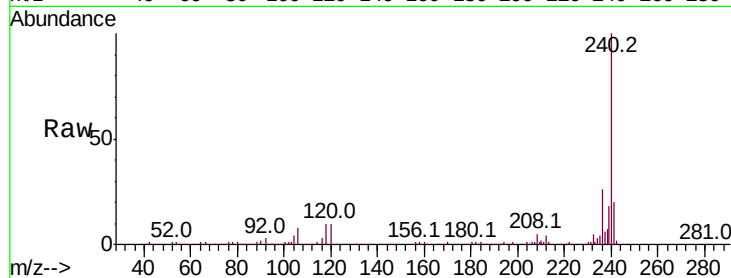




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119373.D
 Acq: 12 Mar 2020 10:55

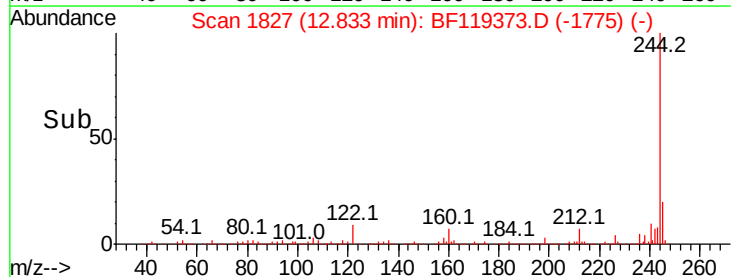
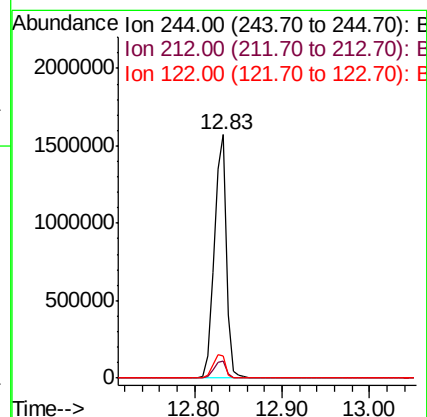
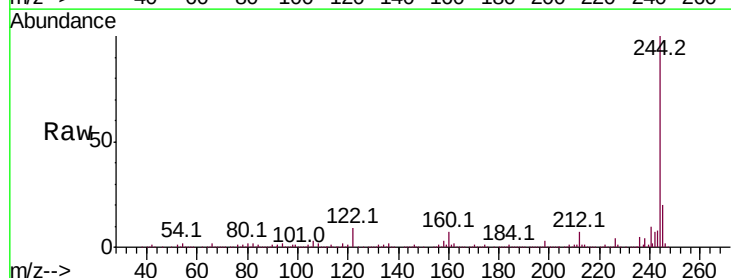
Instrument :
 BNA_F
 ClientSampled :

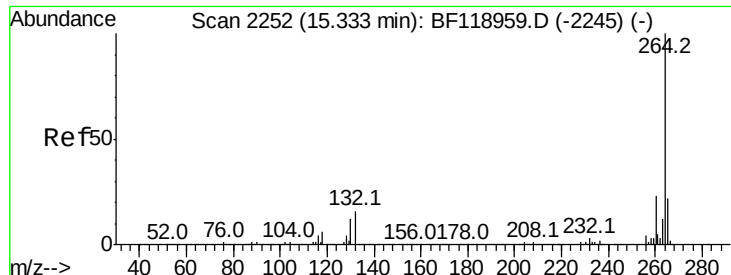
Tot Ion:240 Resp: 439142
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 58.988 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119373.D
 Acq: 12 Mar 2020 10:55

Tgt Ion:244 Resp: 1504580
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 8.9 8.2 12.2





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119373.D
Acq: 12 Mar 2020 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	382202
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.3	17.7	26.5

