

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116973.D
 Acq On : 12 Sep 2019 3:20
 Operator : HP/JU
 Sample : K4787-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:09:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

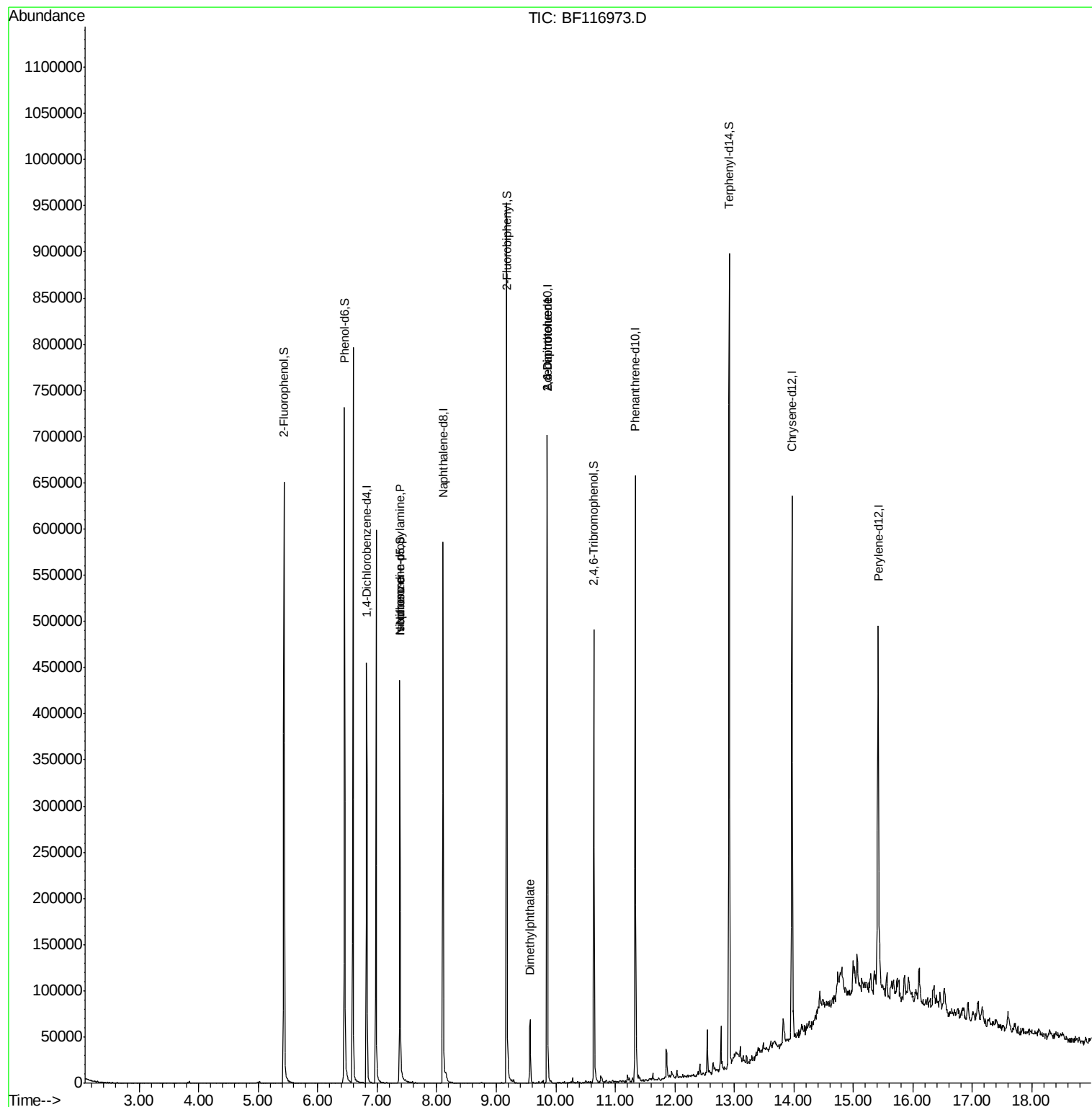
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66635	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	285154	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	150315	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	253015	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	165070	20.00	ng	-0.02
87) Perylene-d12	15.42	264	172529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	181963	44.24	ng	-0.02
7) Phenol-d6	6.45	99	251536	46.57	ng	-0.02
23) Nitrobenzene-d5	7.38	82	153561	30.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	54945	54.68	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	287540	32.27	ng	-0.02
79) Terphenyl-d14	12.92	244	269196	30.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	19891	5.593	ng	# 73
25) Isophorone	7.38	82	153558	15.171	ng	# 66
50) Dimethylphthalate	9.57	163	33025	3.182	ng	97
51) 2,6-Dinitrotoluene	9.86	165	20006	10.104	ng	# 19
57) 2,4-Dinitrotoluene	9.86	165	20006	8.263	ng	# 19

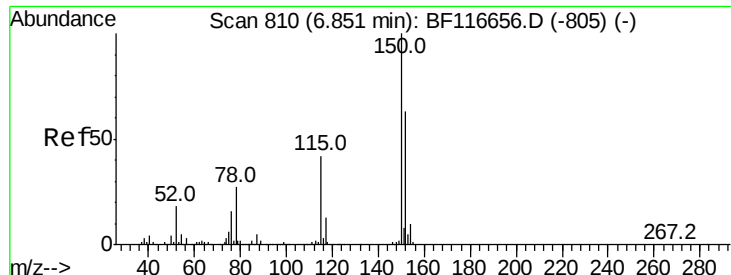
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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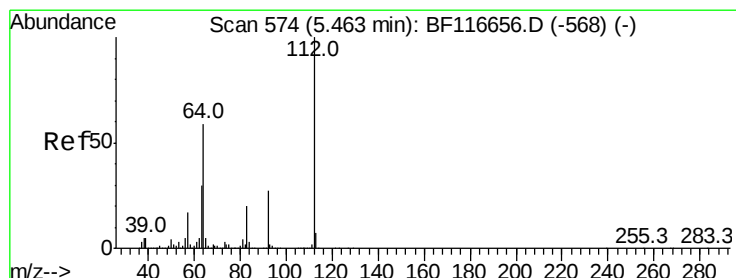
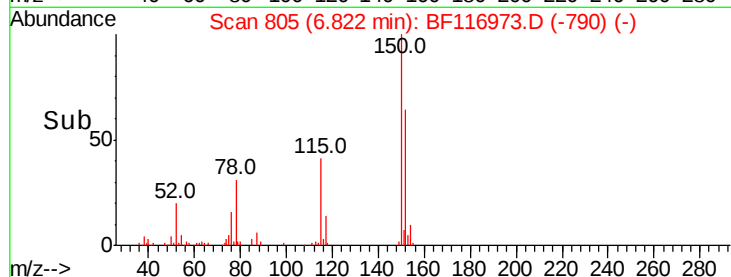
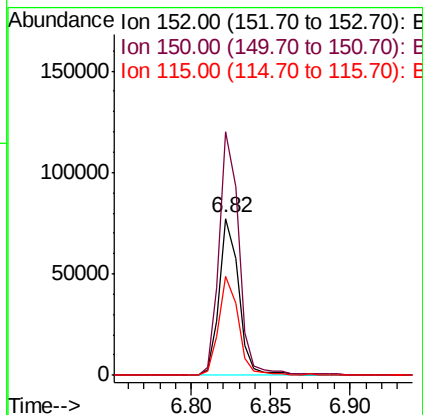
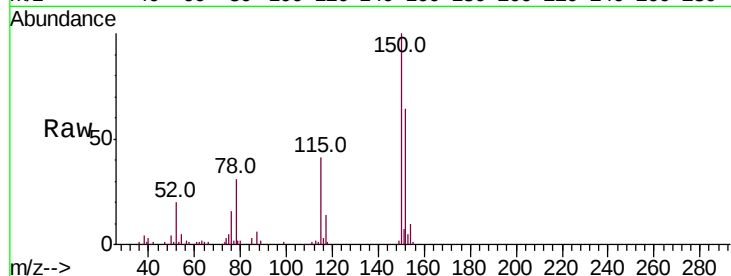


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Instrument :
BNA_F
ClientSampleId :

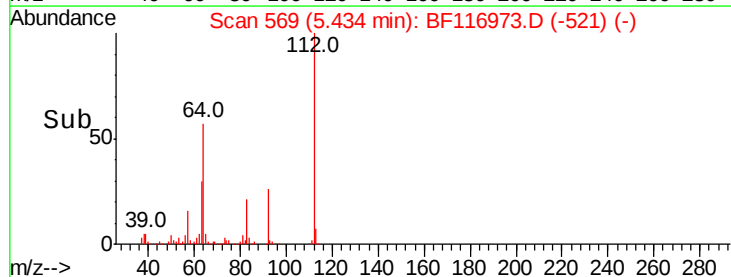
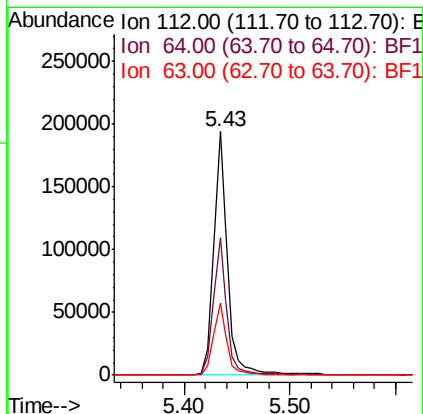
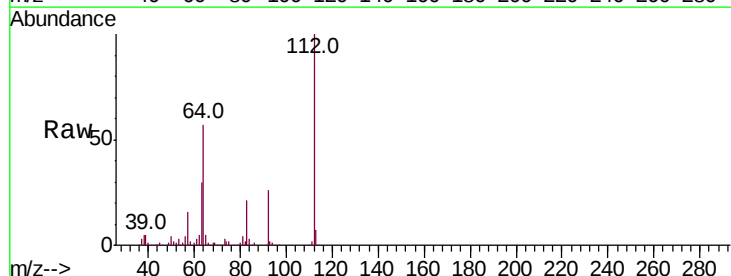
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.4	186.6
115	63.4	49.9	74.9

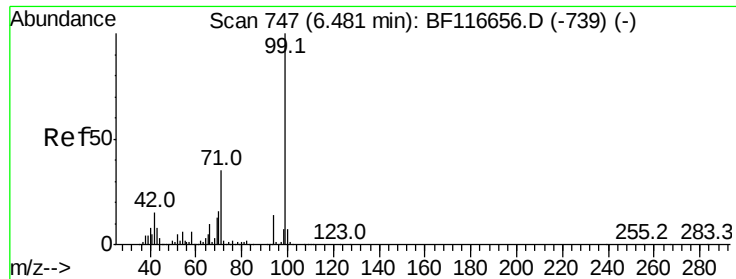


#5

2-Fluorophenol
Concen: 44.240 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.1	70.7
63	29.7	24.9	37.3





#7

Phenol-d6

Concen: 46.572 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Instrument :

BNA_F

ClientSampleId :

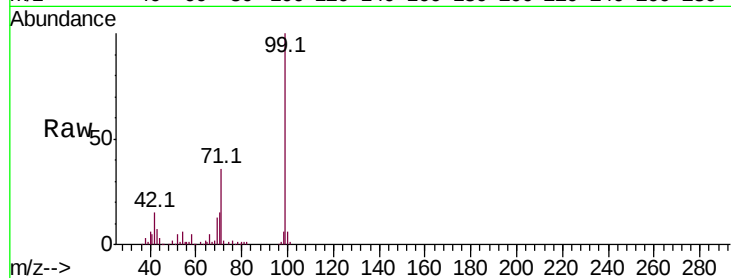
Tot Ion: 99 Resp: 251536

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

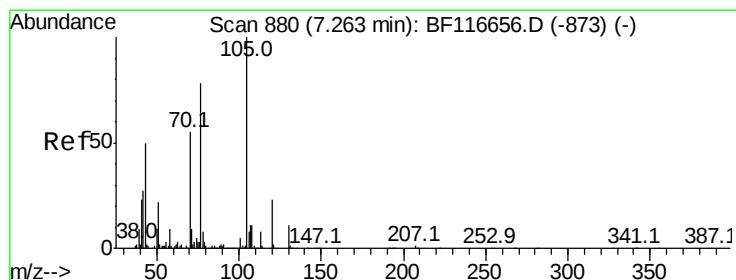
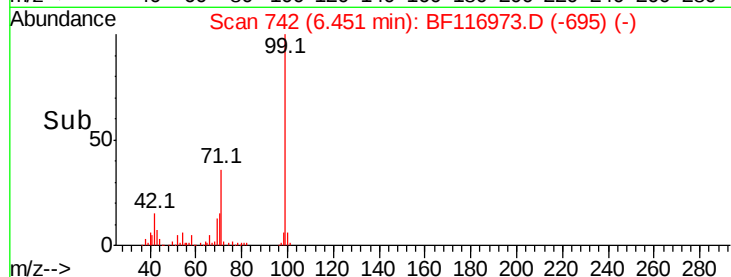
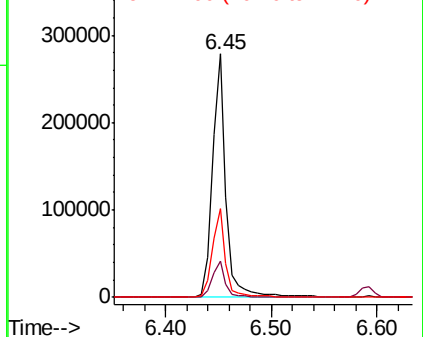
71 36.2 30.8 46.2



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: 5.593 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Tgt Ion: 70 Resp: 19891

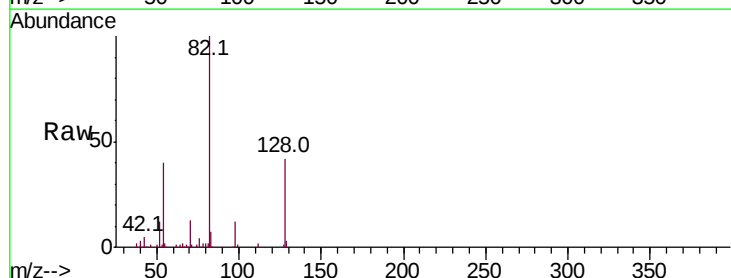
Ion Ratio Lower Upper

70 100

42 39.1 43.5 65.3#

101 0.0 7.8 11.6#

130 0.0 16.6 24.8#

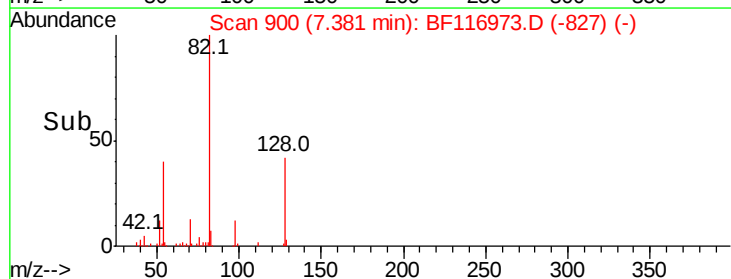
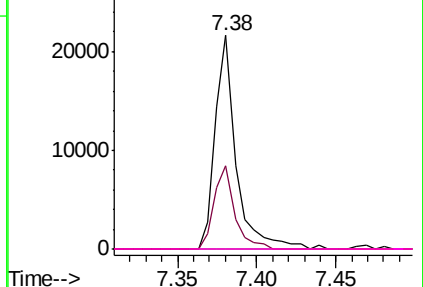


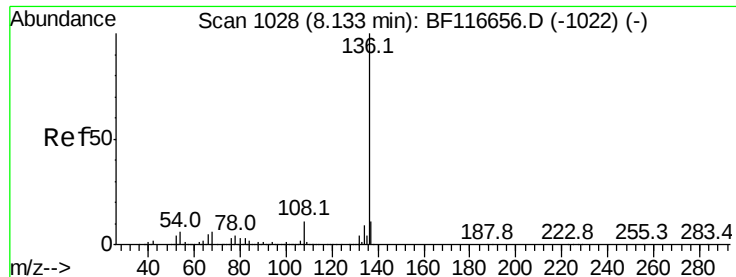
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

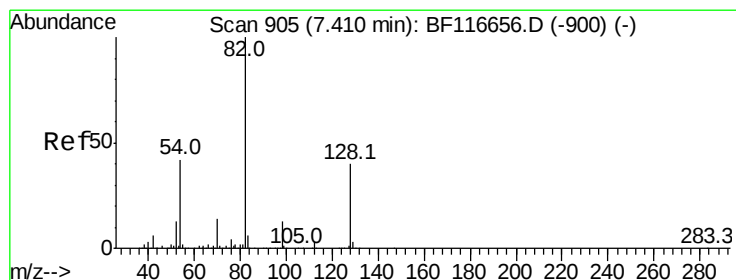
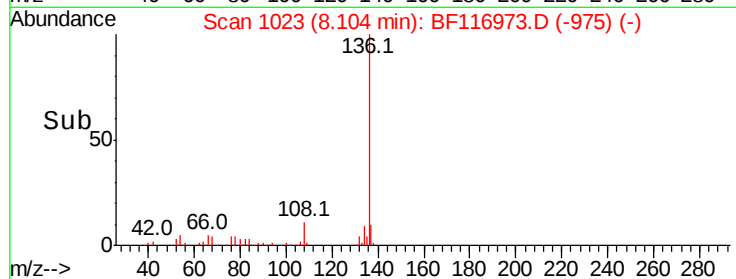
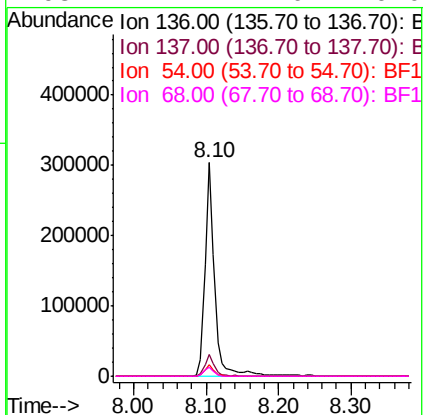
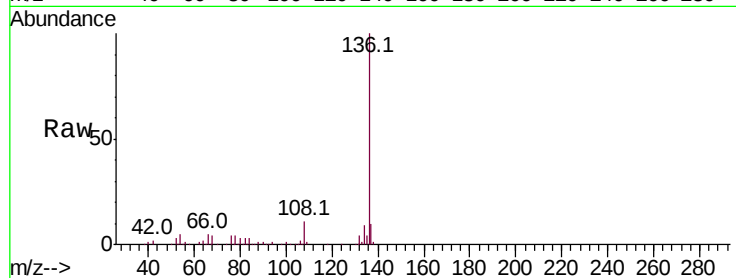




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

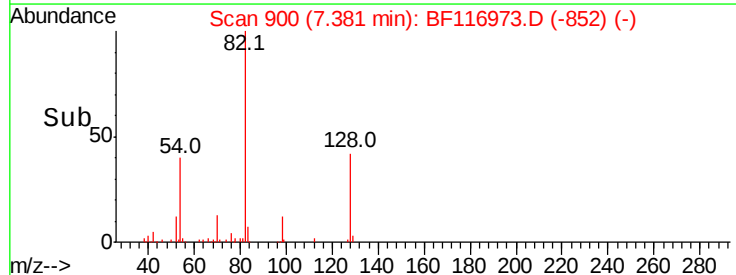
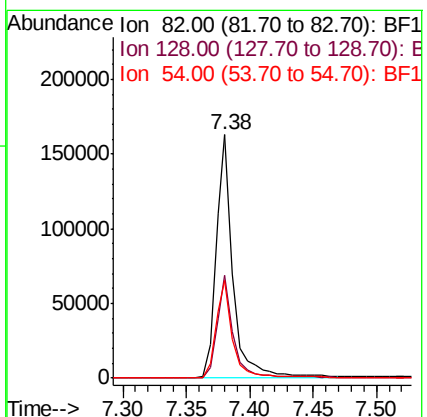
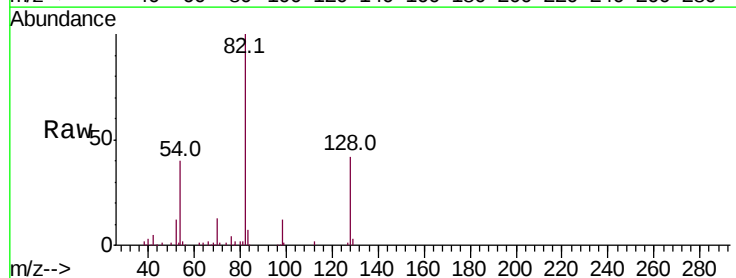
Instrument :
BNA_F
ClientSampleId :

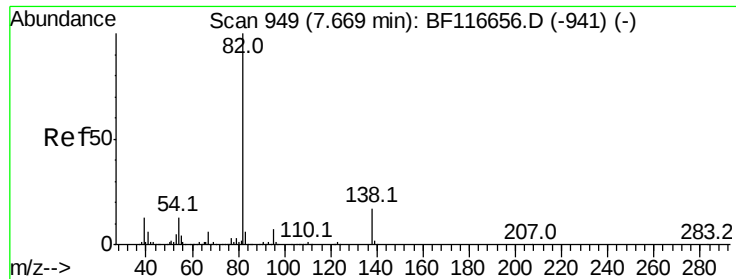
Tot Ion:136	Resp:	285154
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.9	13.3
54 5.3	4.8	7.2
68 4.4	4.0	6.0



#23
Nitrobenzene-d5
Concen: 30.743 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Tgt Ion: 82	Resp:	153561
Ion Ratio	Lower	Upper
82 100		
128 42.5	32.8	49.2
54 40.0	36.9	55.3





#25

Isophorone

Concen: 15.171 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Instrument :

BNA_F

ClientSampleId :

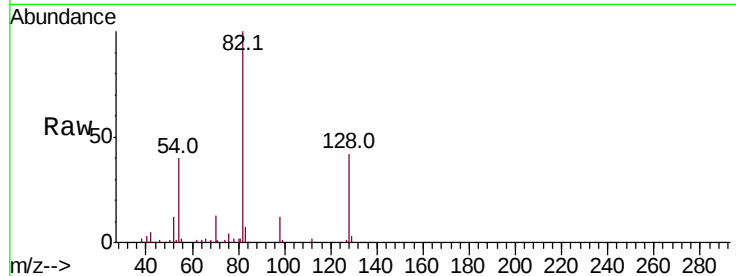
Tot Ion: 82 Resp: 153558

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

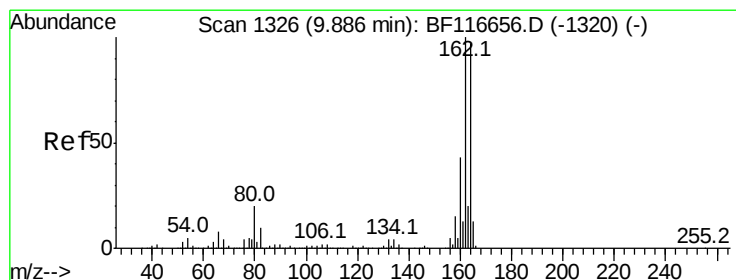
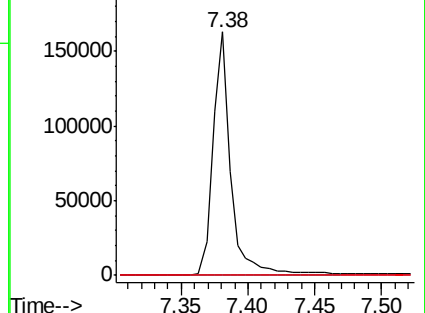
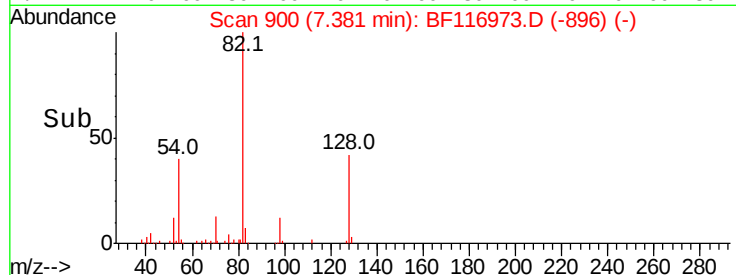
138 0.0 13.5 20.3#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

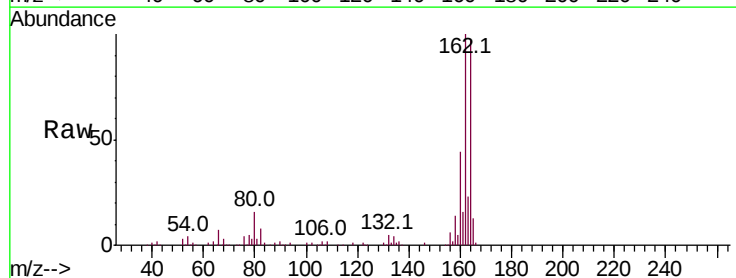
Tgt Ion: 164 Resp: 150315

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

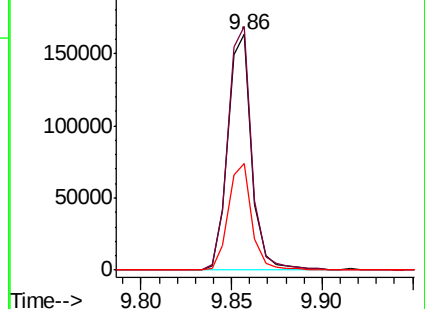
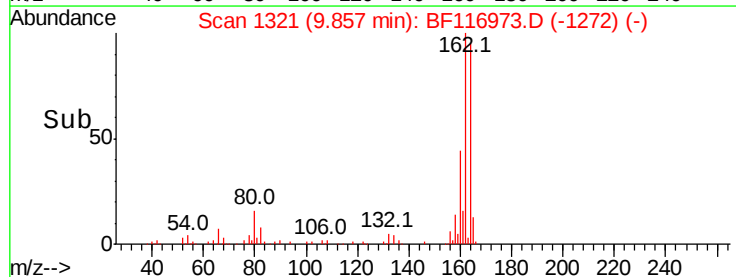
160 45.2 35.4 53.2

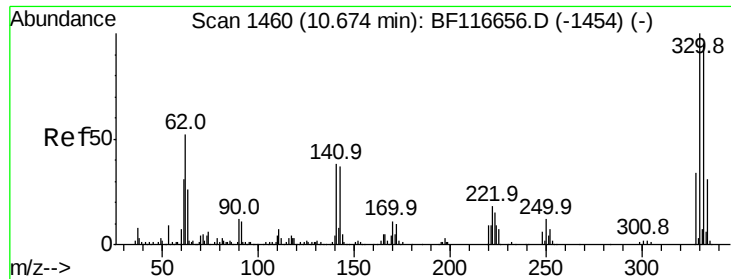


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

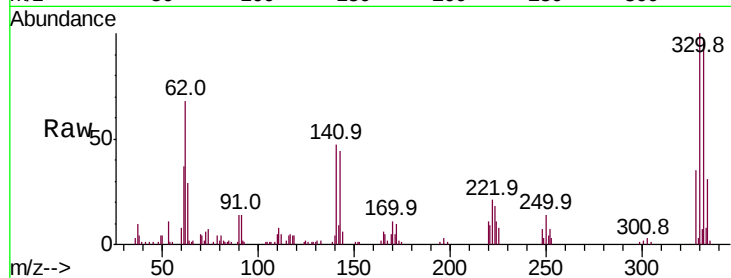




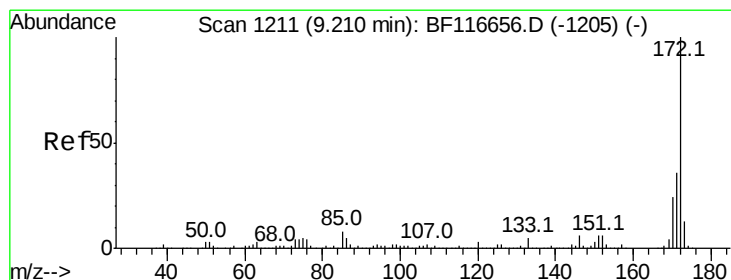
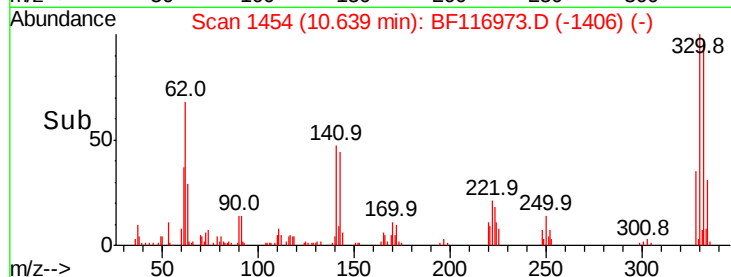
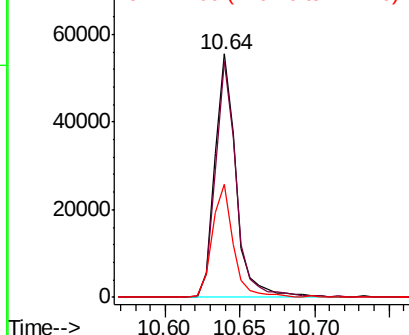
#42
 2,4,6-Tribromophenol
 Concen: 54.678 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 54945
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 45.7 31.4 47.2

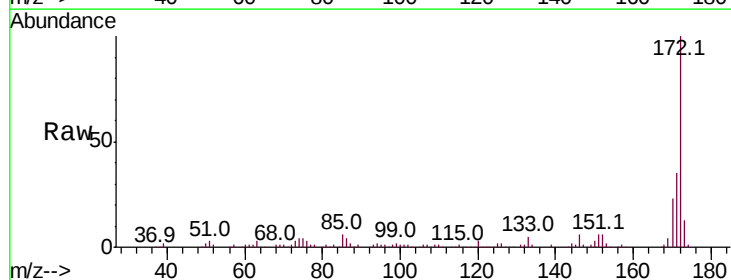


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

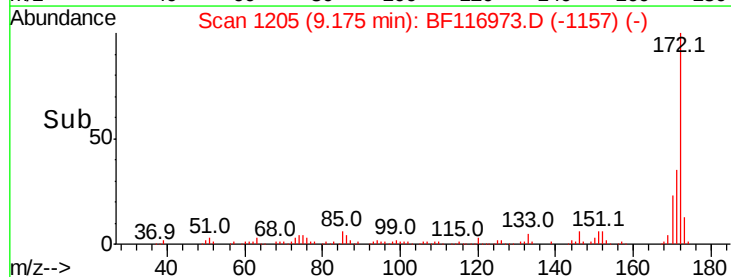
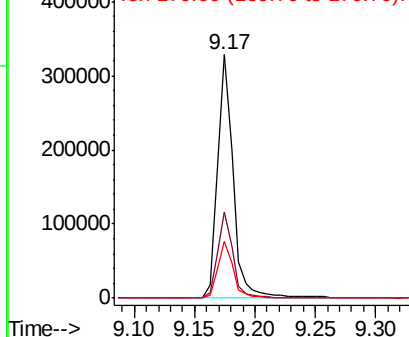


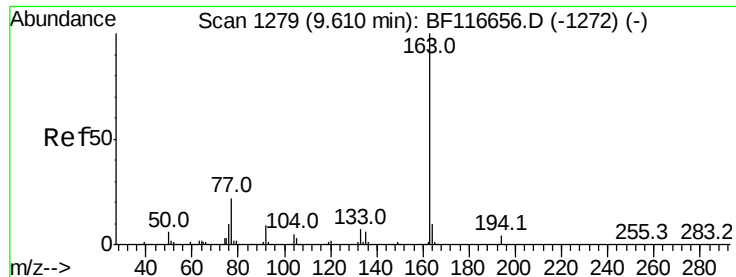
#45
 2-Fluorobiphenyl
 Concen: 32.269 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Tgt Ion:172 Resp: 287540
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 23.1 18.9 28.3



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: 3.182 ng

RT: 9.57 min Scan# 1272

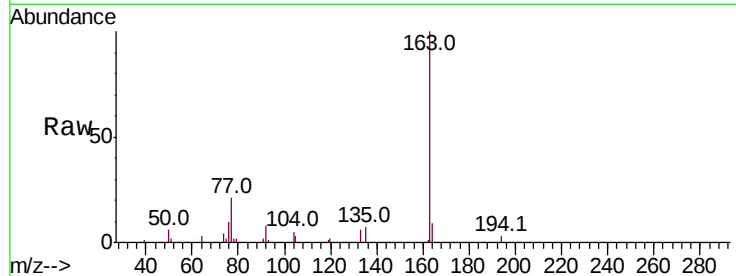
Delta R.T. -0.02 min

Lab File: BF116973.D

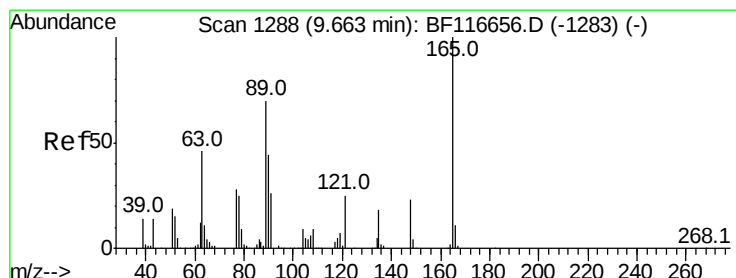
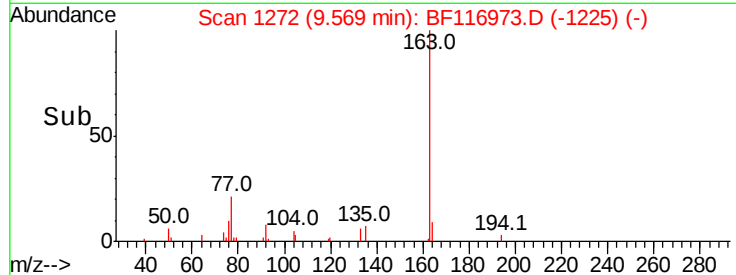
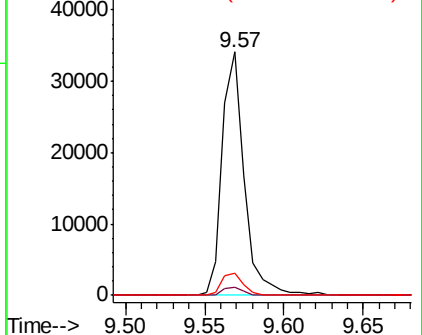
Acq: 12 Sep 2019 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	33025
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.8 4.2
164	9.1	8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 10.104 ng

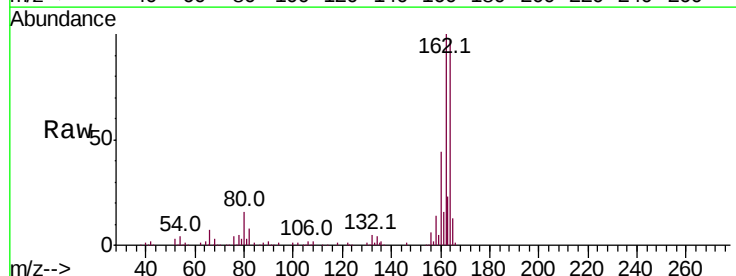
RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

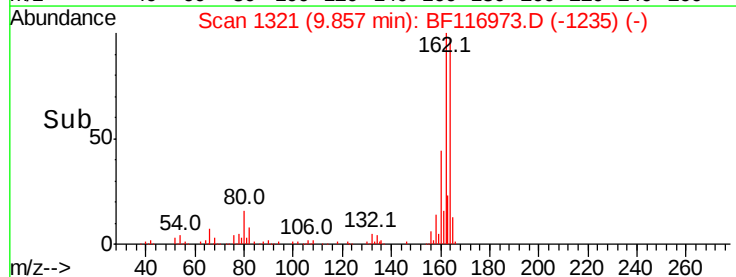
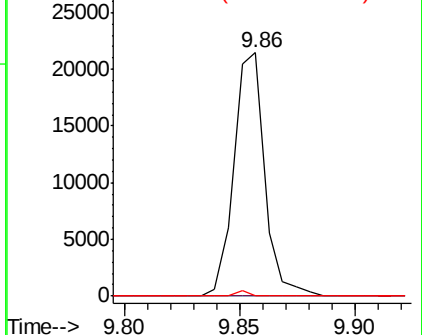
Lab File: BF116973.D

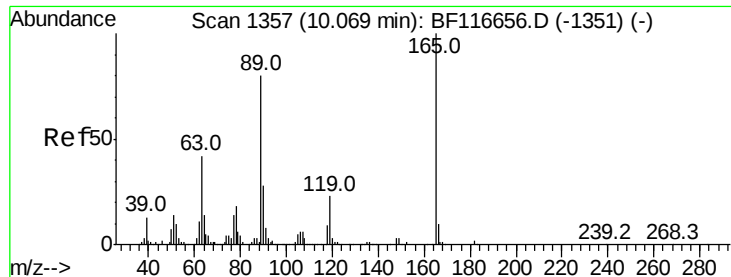
Acq: 12 Sep 2019 3:20

Tgt Ion:165	Resp:	20006
Ion Ratio	Lower	Upper
165	100	
63	0.0	47.3 70.9#
89	0.0	52.5 78.7#



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

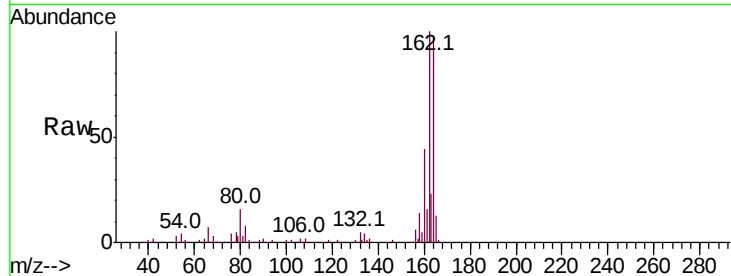




#57
2,4-Dinitrotoluene
Concen: 8.263 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.20 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	20006
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#

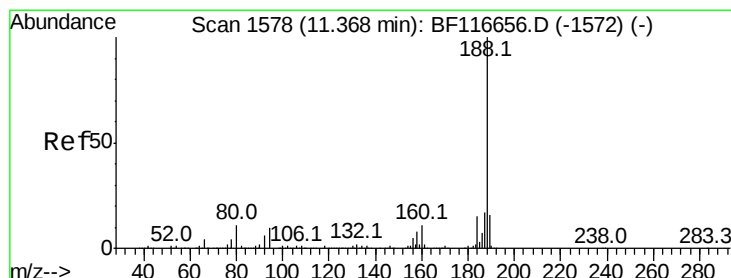
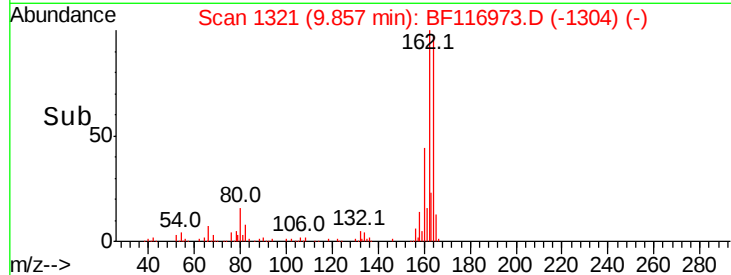
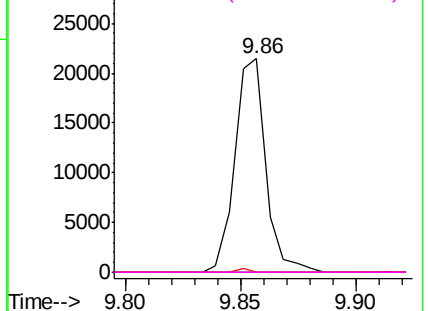


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

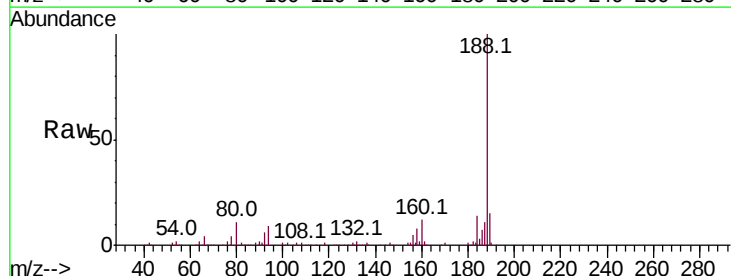
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

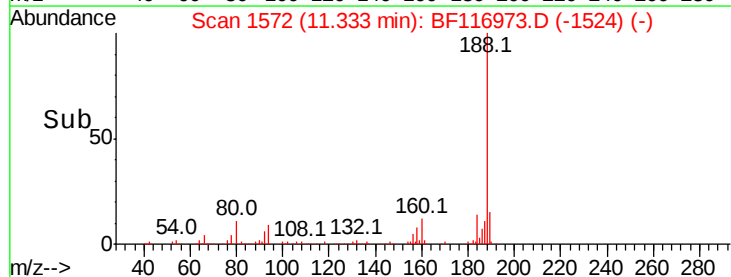
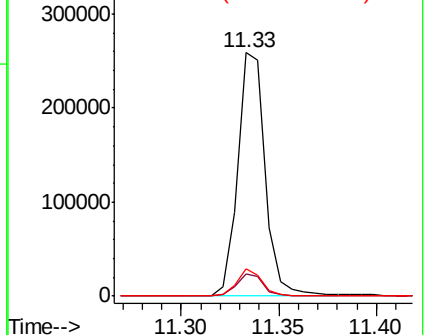
Tgt Ion:	188	Resp:	253015
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.3	10.9
80	11.0	8.4	12.6

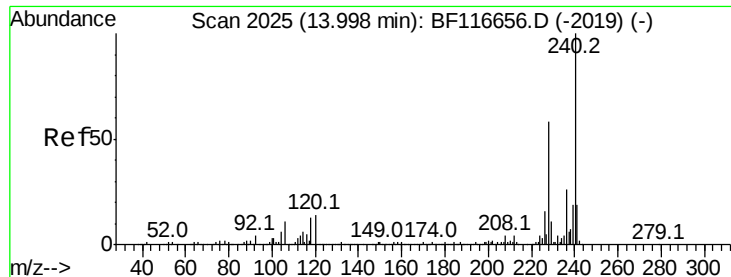


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

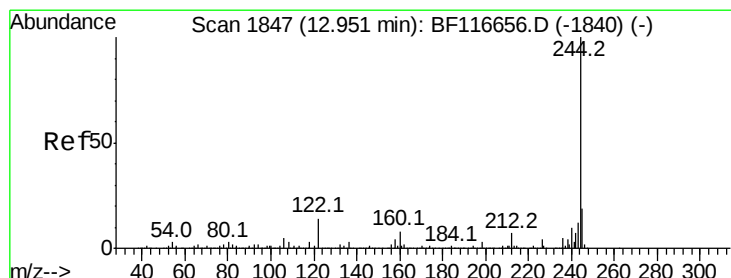
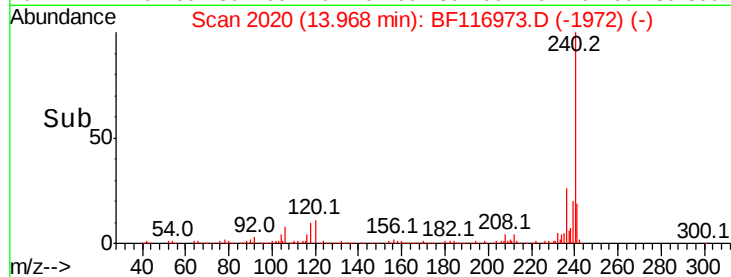
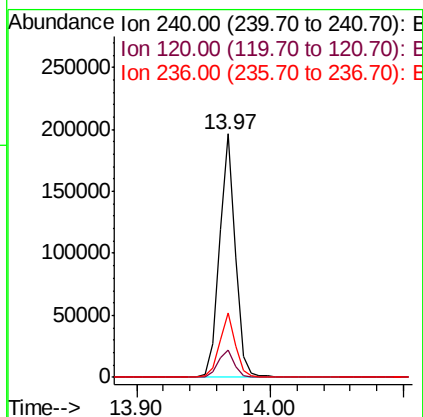
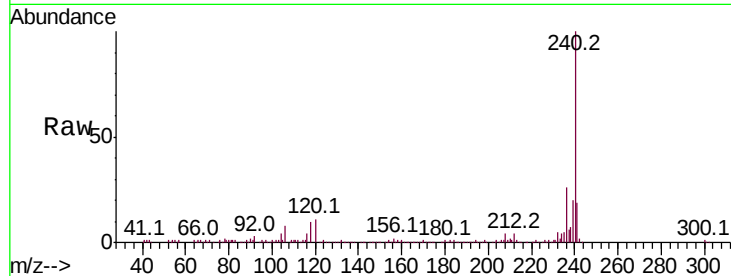




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

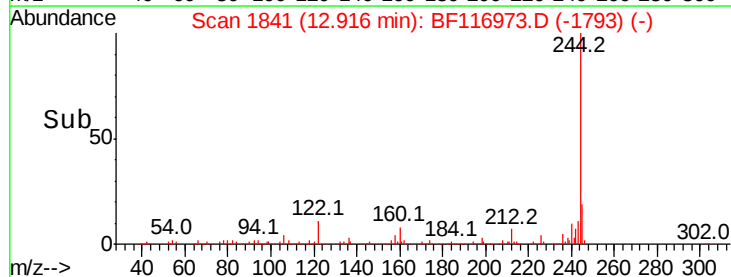
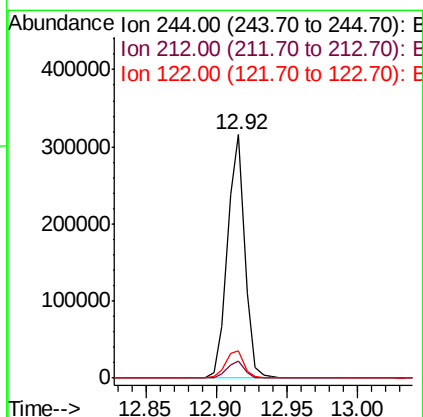
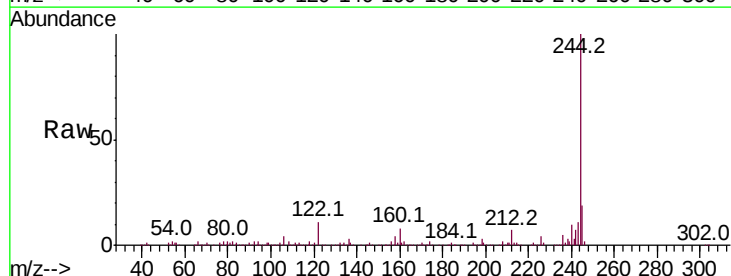
Instrument :
BNA_F
ClientSampled :

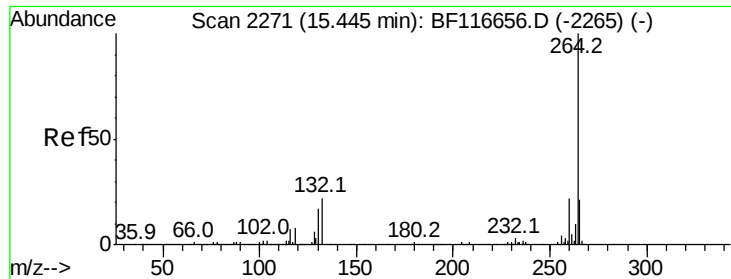
Tot Ion:240 Resp: 165070
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 26.4 21.1 31.7



#79
Terphenyl-d14
Concen: 30.169 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Tgt Ion:244 Resp: 269196
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.0 10.2 15.4

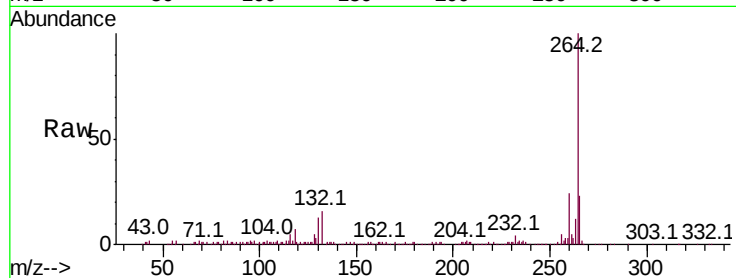




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.7	16.5	24.7



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

