

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119773.D
 Acq On : 6 Apr 2020 15:50
 Operator : MA/SJ
 Sample : L2132-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Apr 06 16:40:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

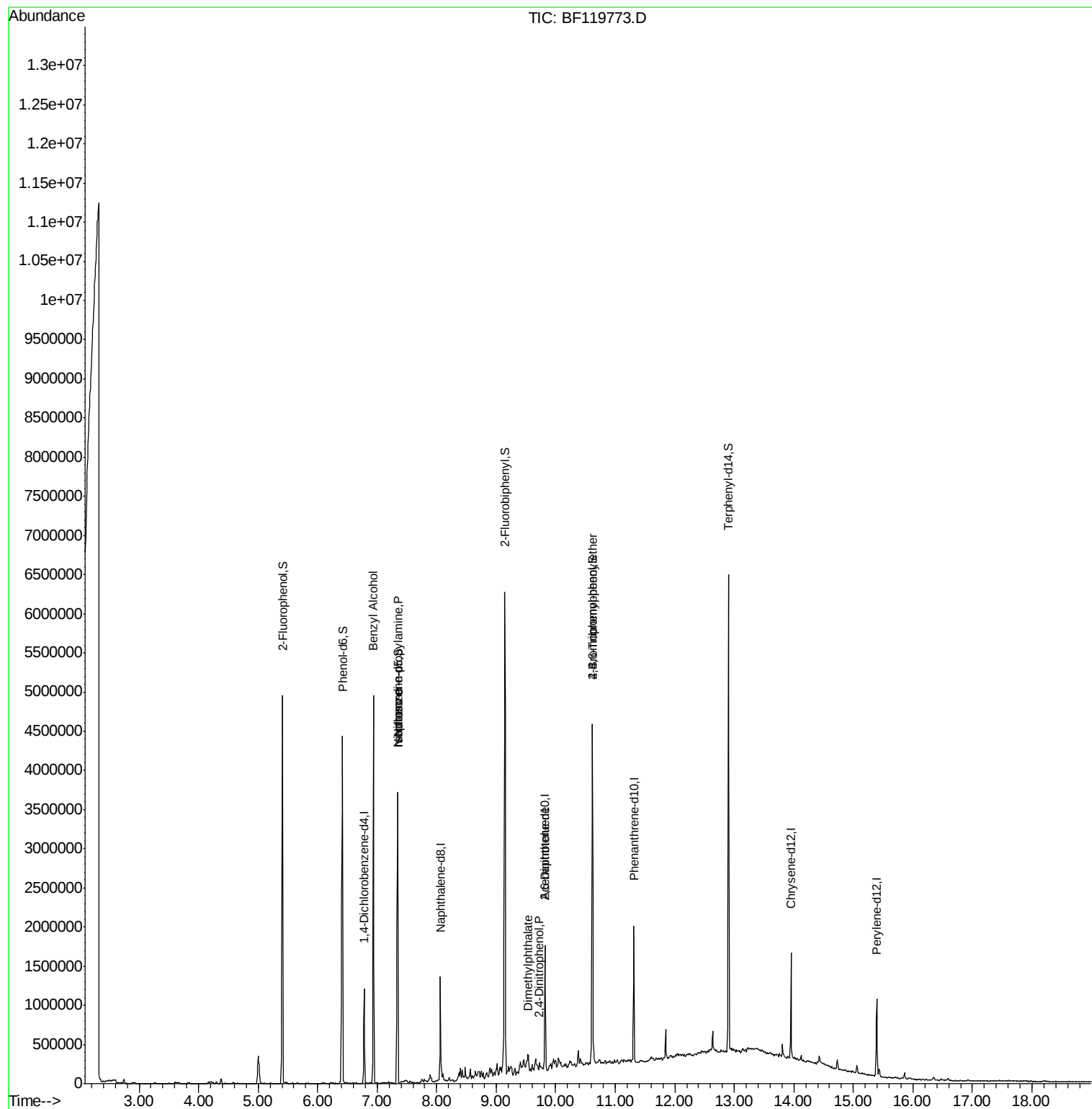
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	160552	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	604259	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	327912	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	595973	20.00	ng	0.00
76) Chrysene-d12	13.95	240	437807	20.00	ng	0.00
87) Perylene-d12	15.39	264	450335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1421503	140.94	ng	0.02
7) Phenol-d6	6.42	99	1724004	133.81	ng	0.00
23) Nitrobenzene-d5	7.35	82	1216941	109.45	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	595387	176.00	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2384087	107.71	ng	0.00
79) Terphenyl-d14	12.90	244	2196038	98.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	19553	2.018	ng	# 43
19) n-Nitroso-di-n-propylamine	7.35	70	163495	21.054	ng	# 74
25) Isophorone	7.35	82	1216925	53.956	ng	# 65
50) Dimethylphthalate	9.54	163	49745	2.136	ng	# 99
51) 2,6-Dinitrotoluene	9.82	165	43223	8.658	ng	# 27
54) 2,4-Dinitrophenol	9.73	184	271	7.388	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	37097	5.466	ng	# 1

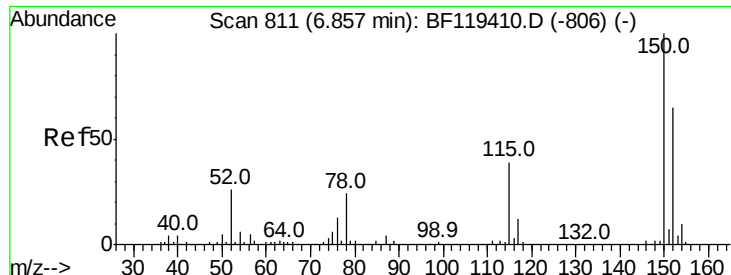
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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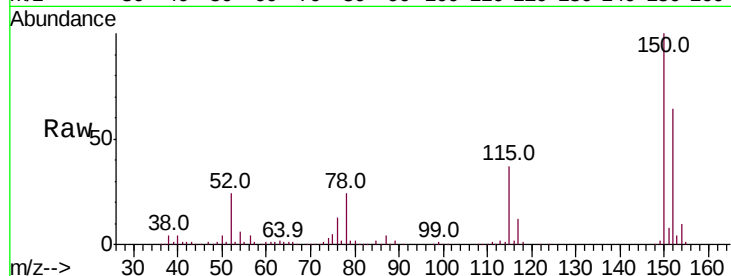


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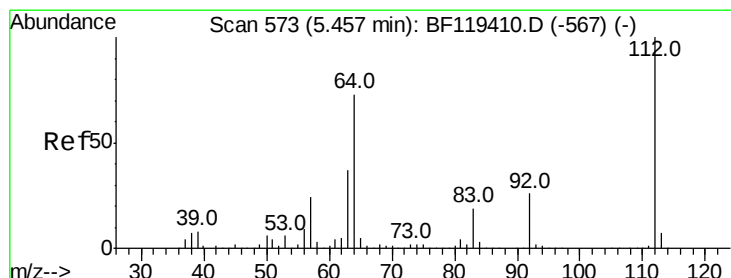
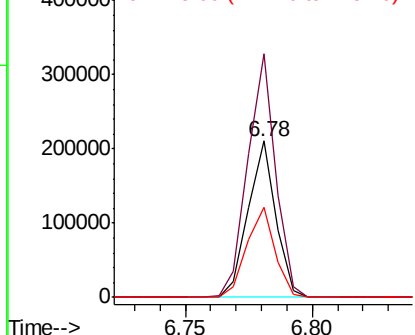
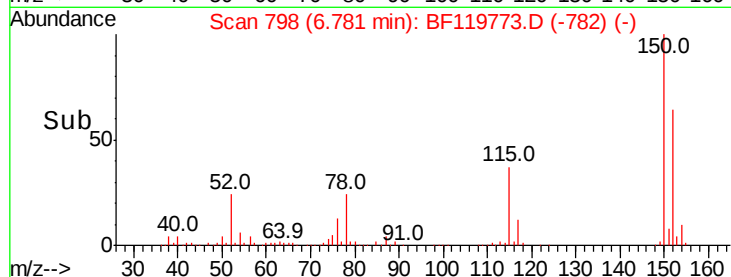
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119773.D
Acq: 6 Apr 2020 15:50

Instrument :
BNA_F
ClientSampleId :
T-1

Tot Ion:152 Resp: 160552
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 57.8 49.6 74.4



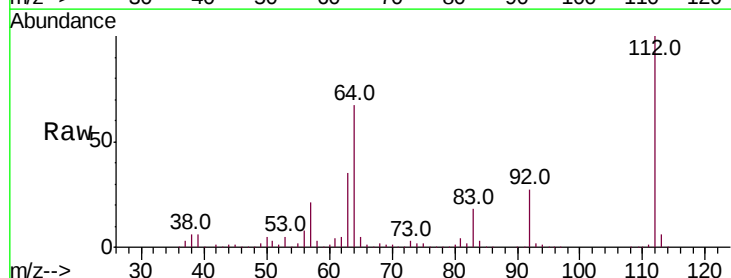
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



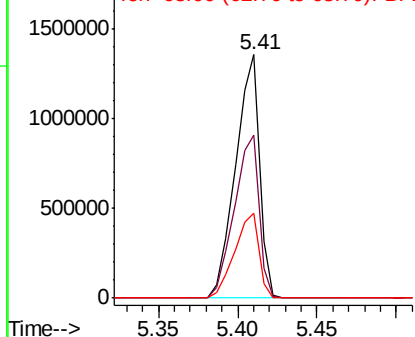
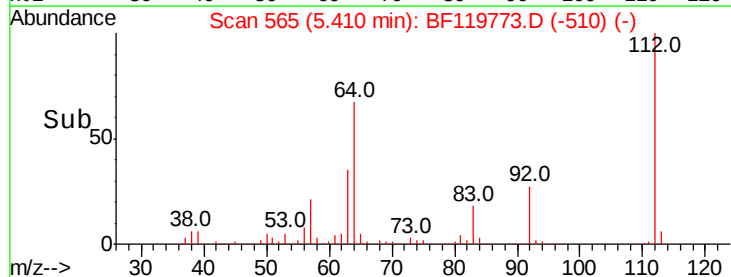
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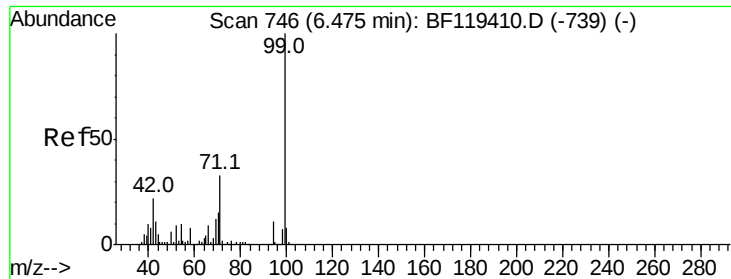
2-Fluorophenol
Concen: 140.945 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119773.D
Acq: 6 Apr 2020 15:50

Tgt Ion:112 Resp: 1421503
Ion Ratio Lower Upper
112 100
64 66.8 56.7 85.1
63 34.7 29.5 44.3



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: 133.814 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

Instrument :

BNA_F

ClientSampleId :

T-1

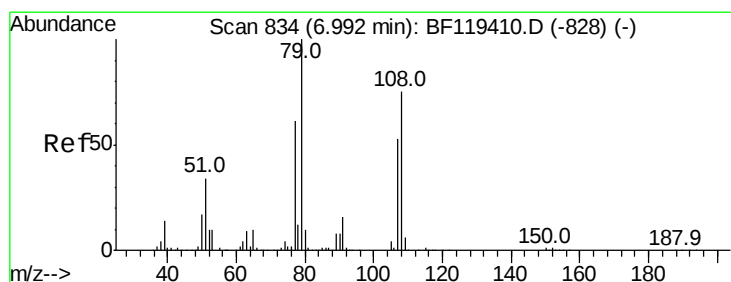
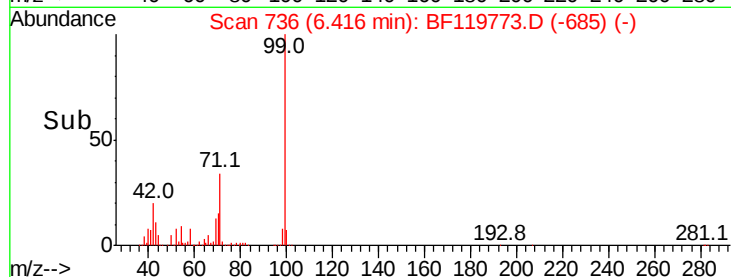
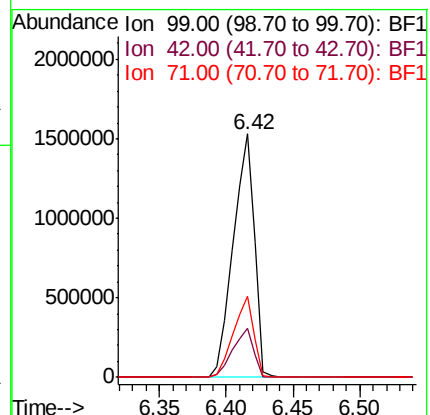
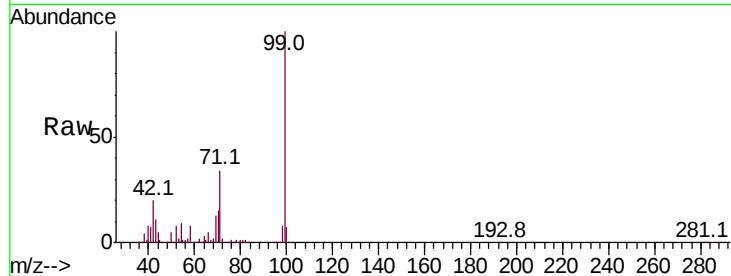
Tot Ion: 99 Resp: 1724004

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.6 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.018 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

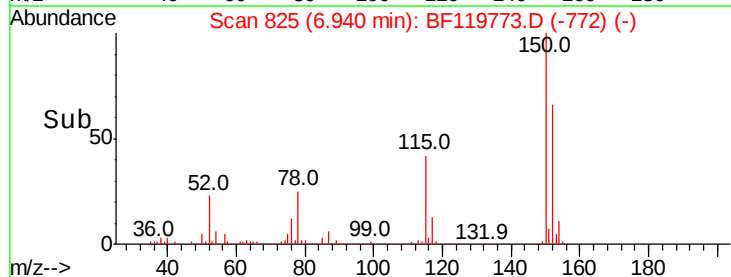
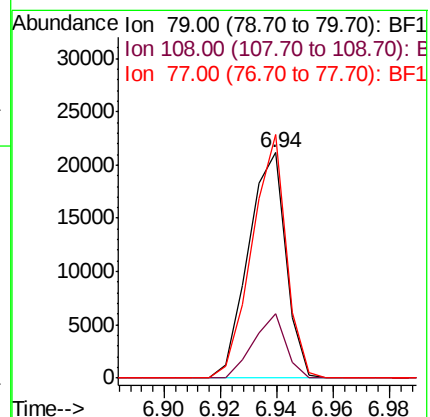
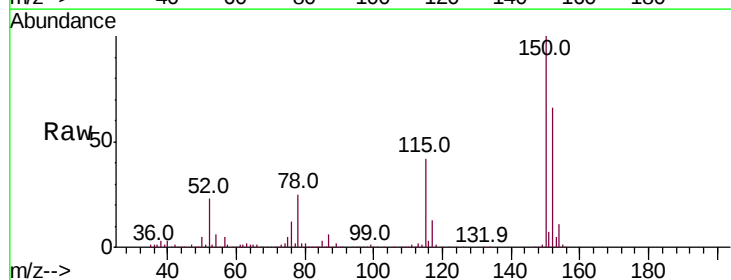
Tgt Ion: 79 Resp: 19553

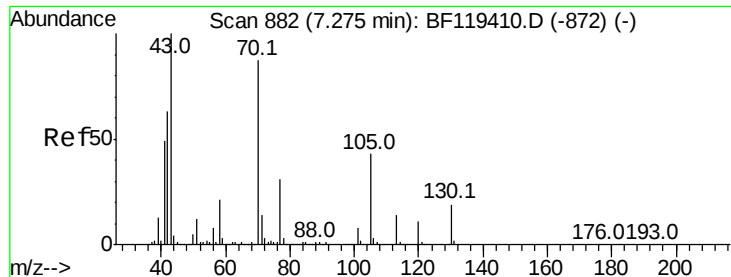
Ion Ratio Lower Upper

79 100

108 28.4 60.6 90.8#

77 108.0 50.2 75.2#

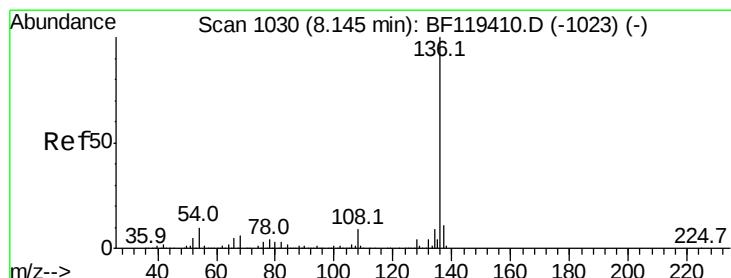
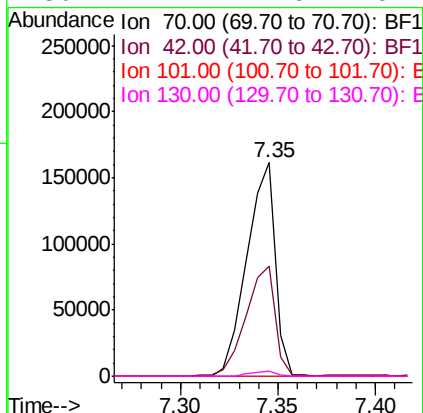
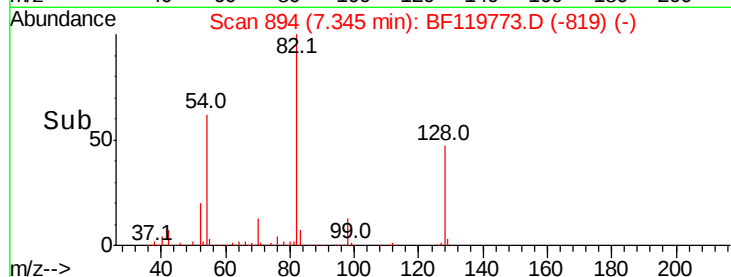
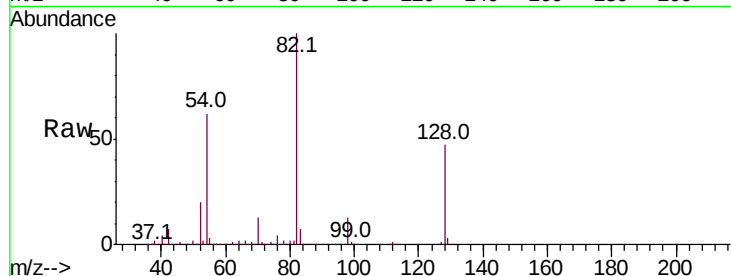




#19
n-Nitroso-di-n-propylamine
Concen: 21.054 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119773.D
Acq: 6 Apr 2020 15:50

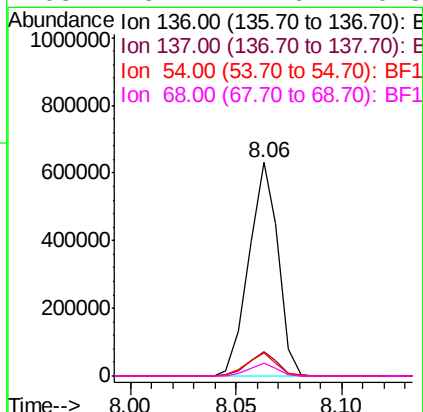
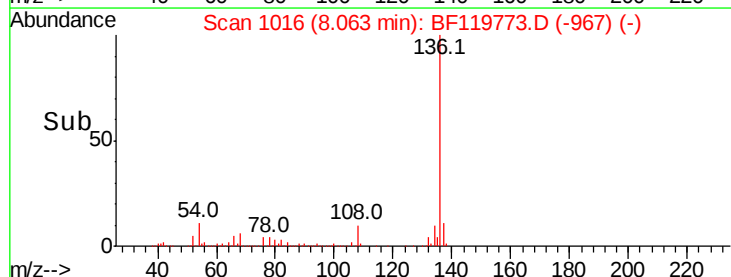
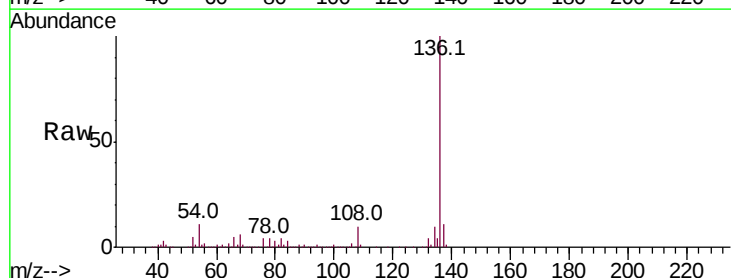
Instrument :
BNA_F
ClientSampled :
T-1

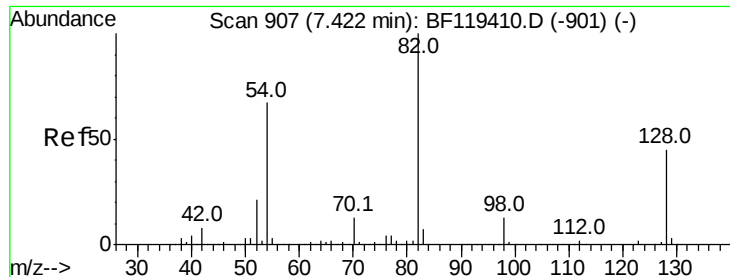
Tot Ion: 70 Resp: 163495
Ion Ratio Lower Upper
70 100
42 51.5 54.5 81.7#
101 0.0 7.6 11.4#
130 2.2 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119773.D
Acq: 6 Apr 2020 15:50

Tgt Ion: 136 Resp: 604259
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.7 9.1 13.7
68 5.7 4.6 6.8



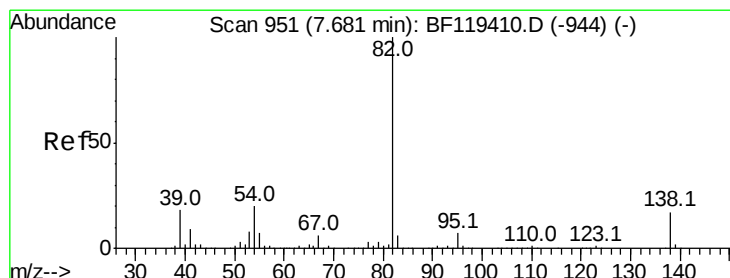
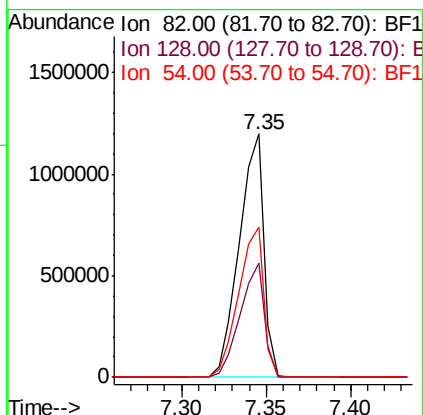
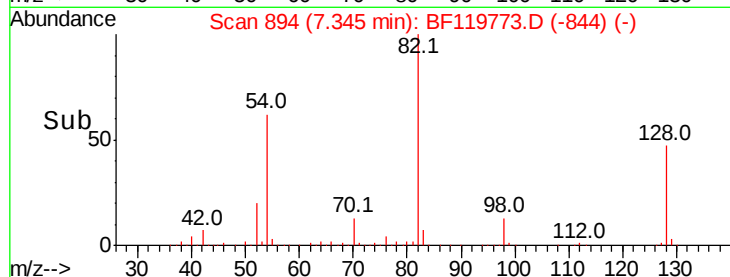
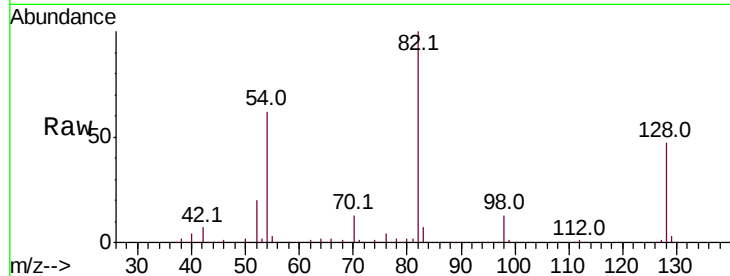


#23
 Nitrobenzene-d5
 Concen: 109.453 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Tot Ion: 82 Resp: 1216941

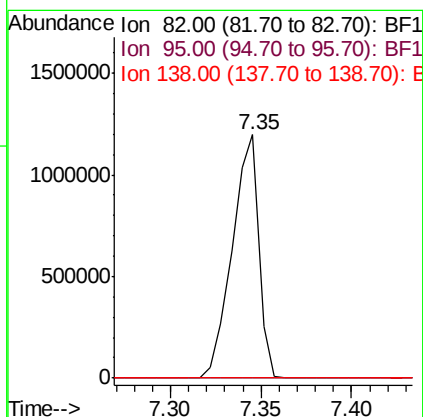
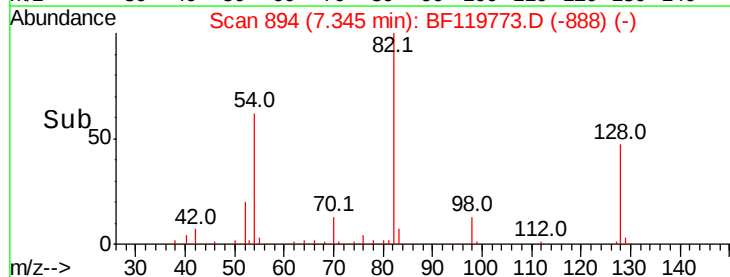
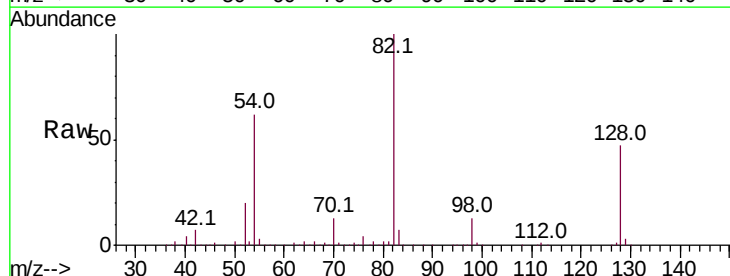
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	61.9	50.6	75.8

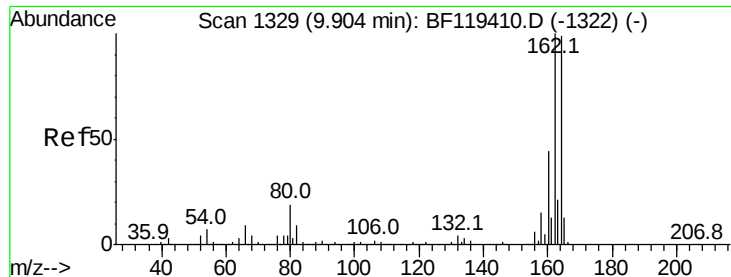


#25
 Isophorone
 Concen: 53.956 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Tgt Ion: 82 Resp: 1216925

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

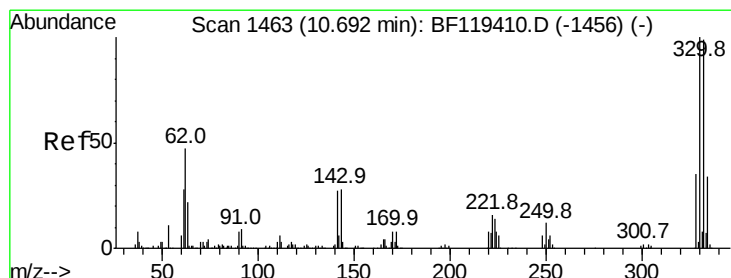
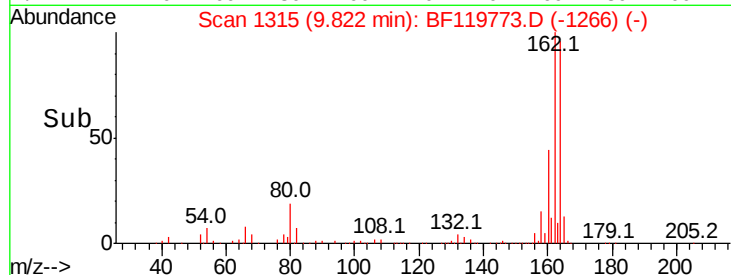
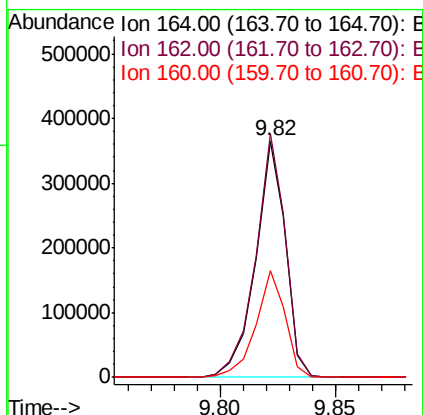
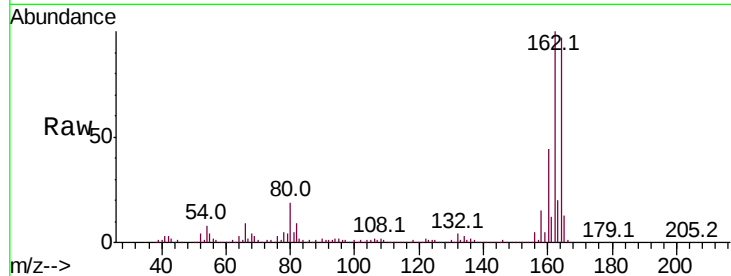




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

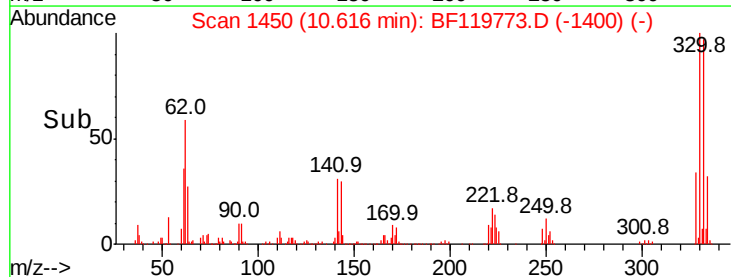
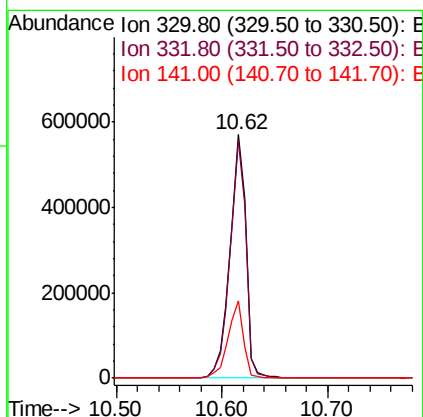
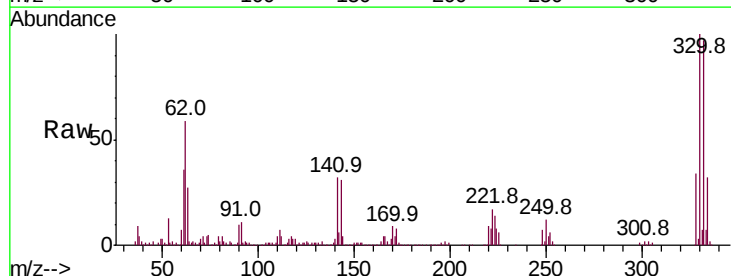
Instrument :
 BNA_F
 ClientSampleId :
 T-1

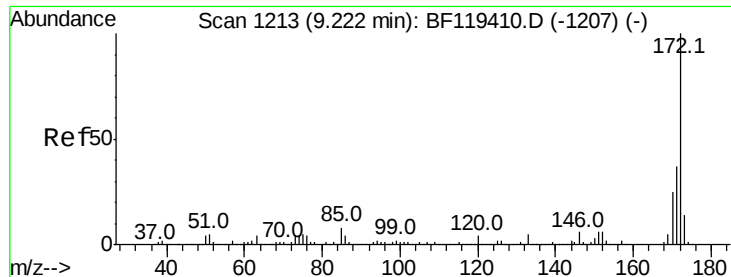
Tot Ion:164 Resp: 327912
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 45.0 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 175.996 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Tgt Ion:330 Resp: 595387
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.7 113.5
 141 30.2 25.4 38.0



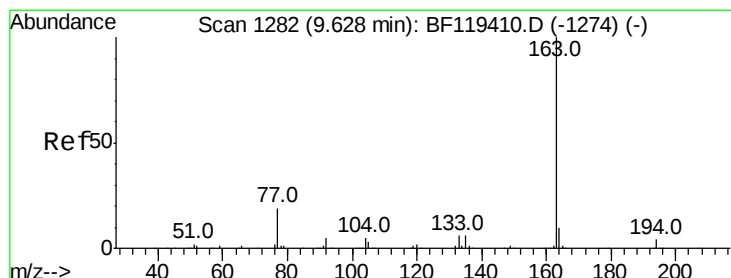
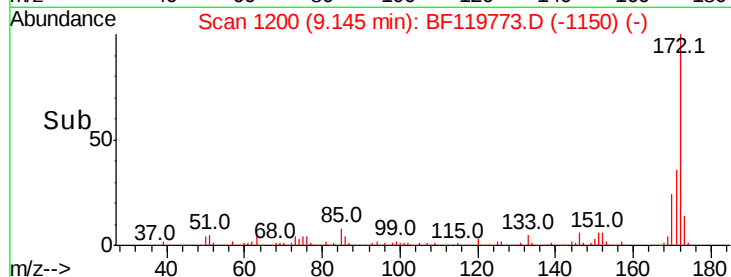
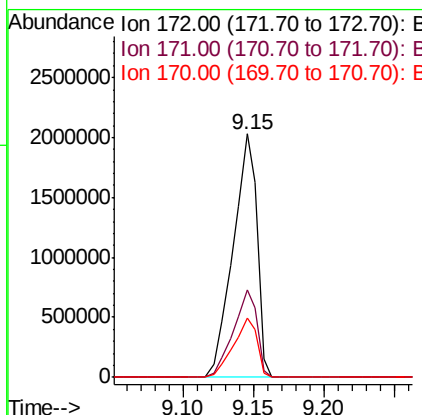
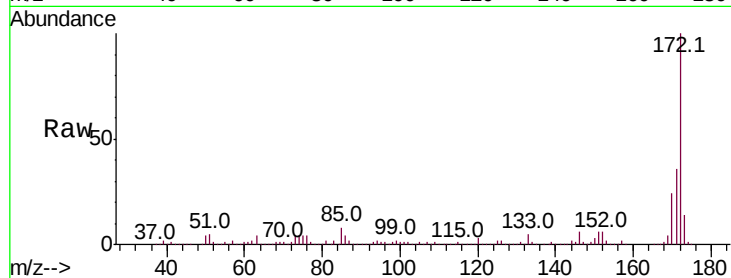


#45
 2-Fluorobiphenyl
 Concen: 107.711 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Instrument :
 BNA_F
 ClientSampled :
 T-1

Tot Ion:172 Resp: 2384087

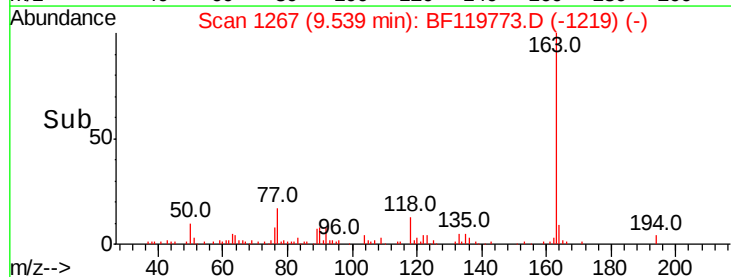
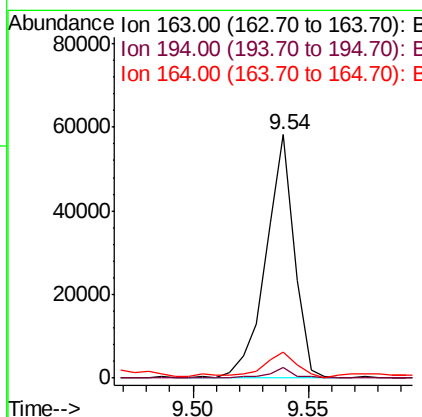
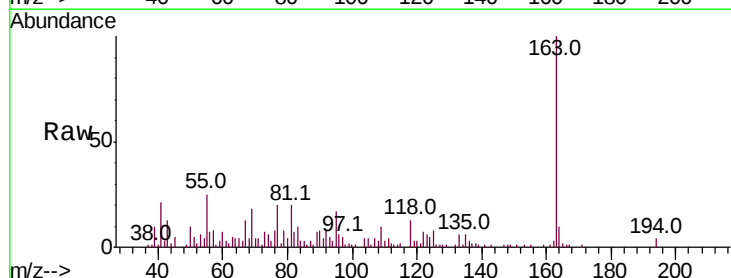
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	20.2	30.2

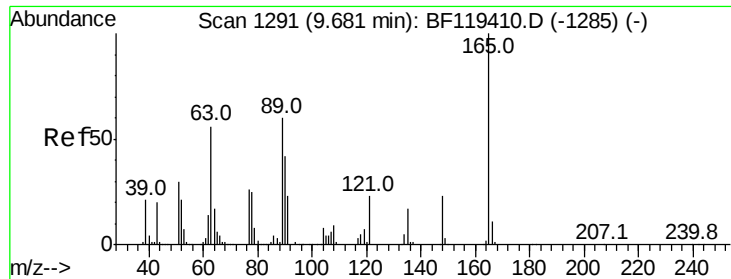


#50
 Dimethylphthalate
 Concen: 2.136 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Tgt Ion:163 Resp: 49745

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 8.658 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

Instrument :

BNA_F

ClientSampleId :

T-1

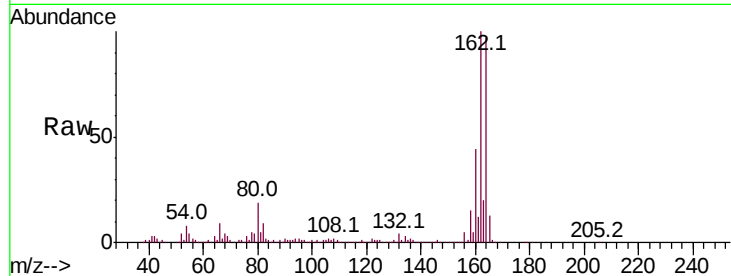
Tot Ion:165 Resp: 43223

Ion Ratio Lower Upper

165 100

63 2.6 45.0 67.4#

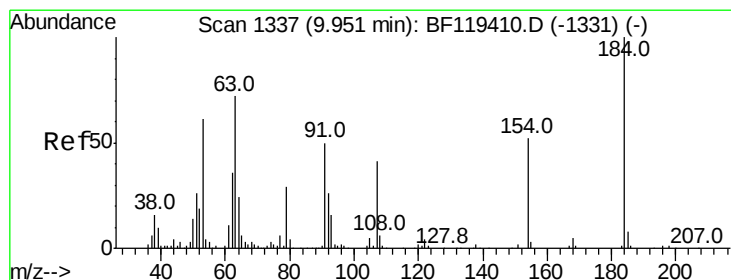
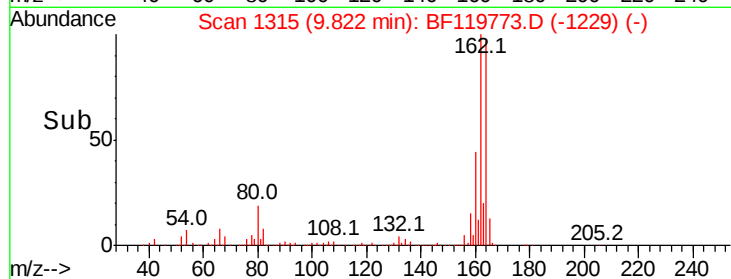
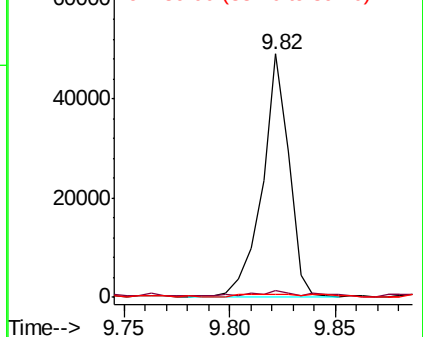
89 1.3 41.5 62.3#



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



#54

2,4-Dinitrophenol

Concen: 7.388 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.16 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

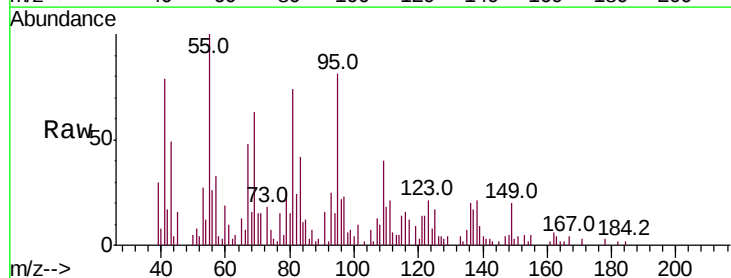
Tgt Ion:184 Resp: 271

Ion Ratio Lower Upper

184 100

63 209.8 50.2 75.4#

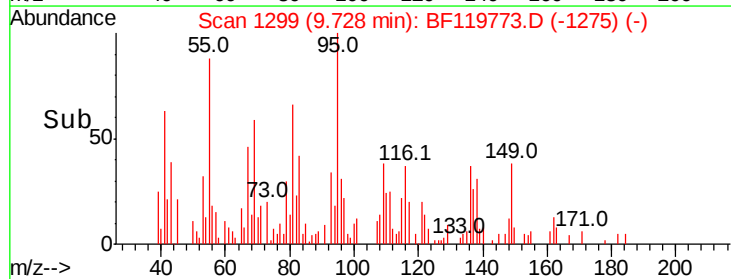
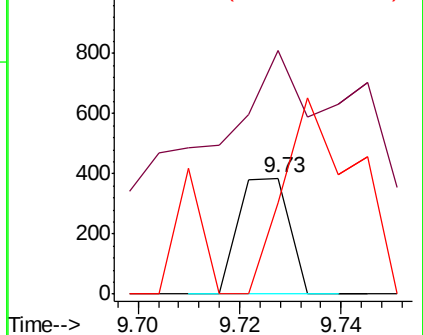
154 78.5 44.5 66.7#

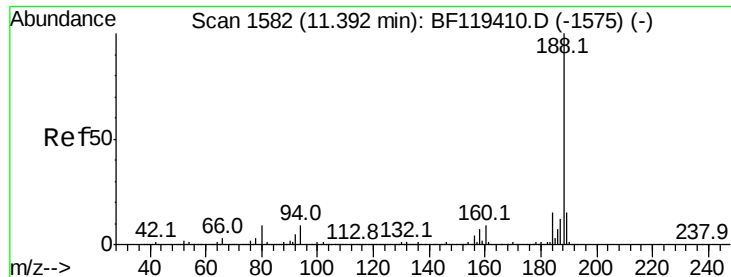


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

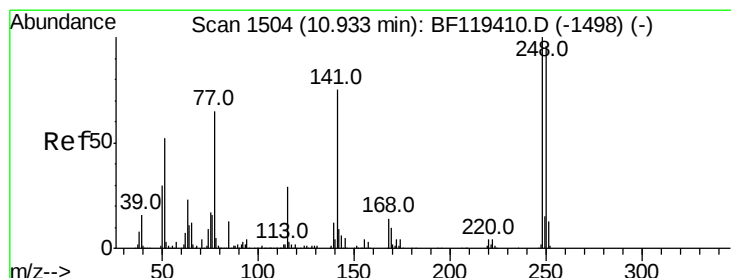
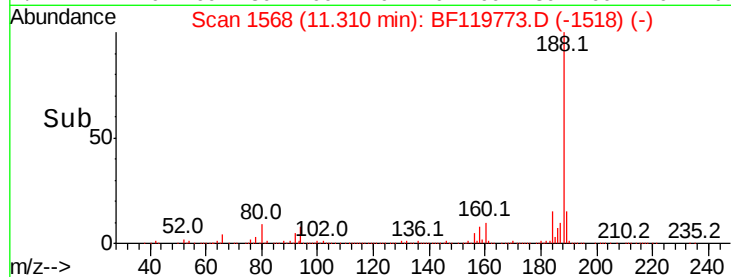
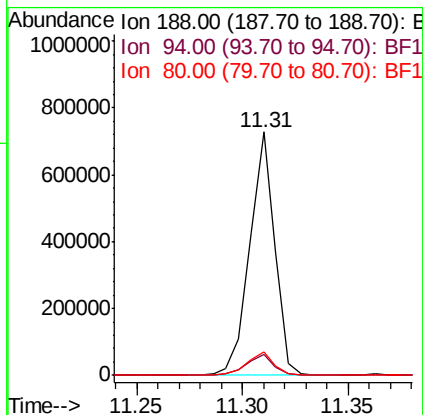
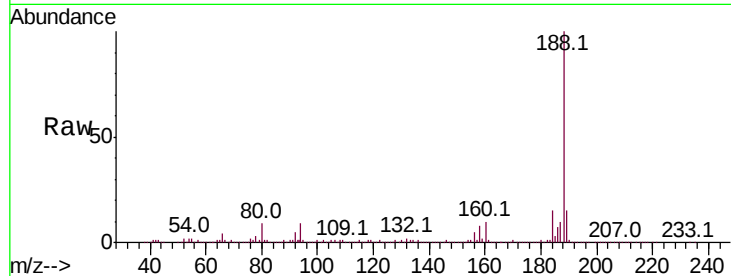




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

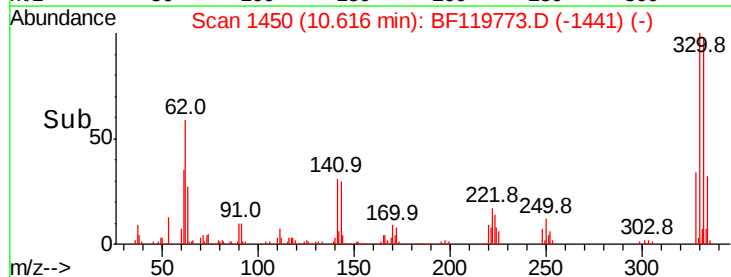
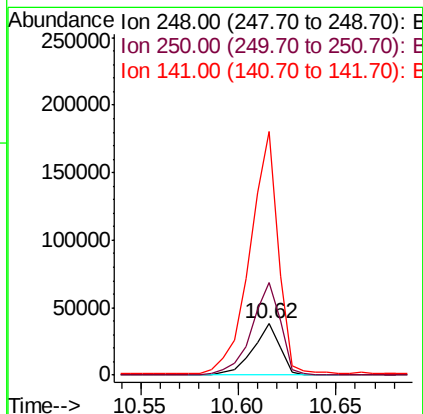
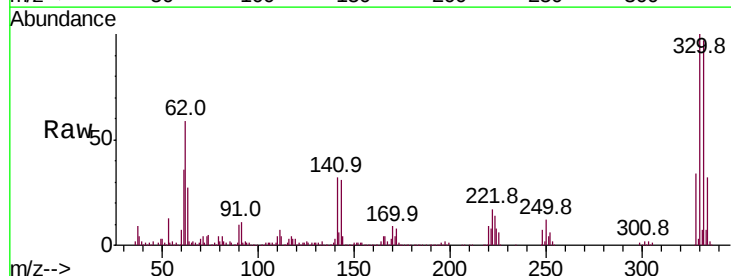
Instrument :
 BNA_F
 ClientSampled :
 T-1

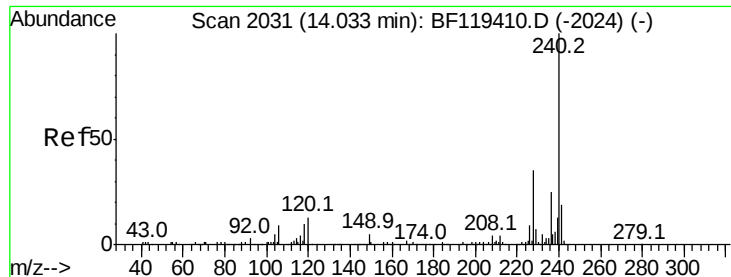
Tot Ion:188 Resp: 595973
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 9.5 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 5.466 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Tgt Ion:248 Resp: 37097
 Ion Ratio Lower Upper
 248 100
 250 181.0 77.3 115.9#
 141 477.2 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

Instrument :

BNA_F

ClientSampleId :

T-1

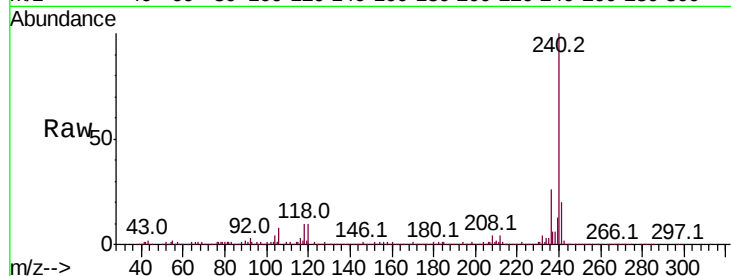
Tot Ion:240 Resp: 437807

Ion Ratio Lower Upper

240 100

120 10.5 10.6 15.8#

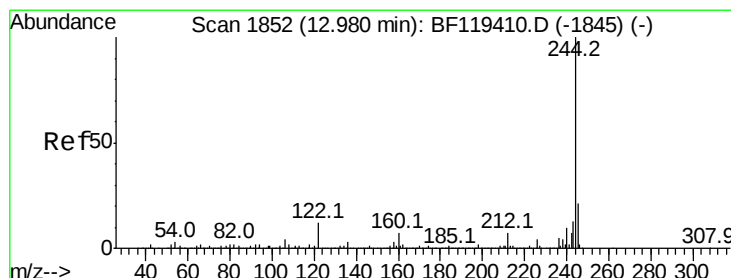
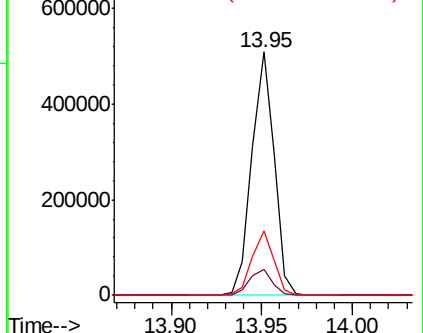
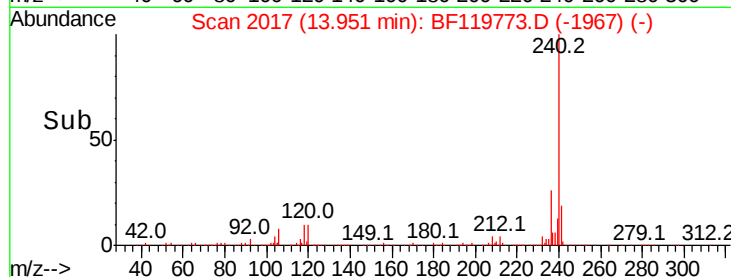
236 26.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 98.274 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119773.D

Acq: 6 Apr 2020 15:50

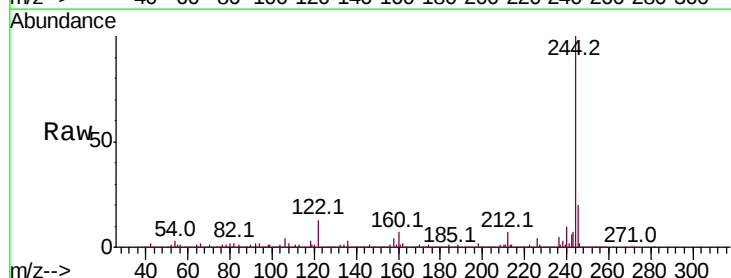
Tgt Ion:244 Resp: 2196038

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

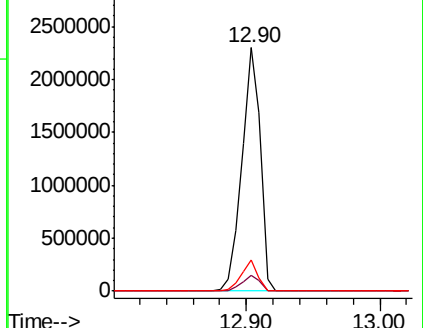
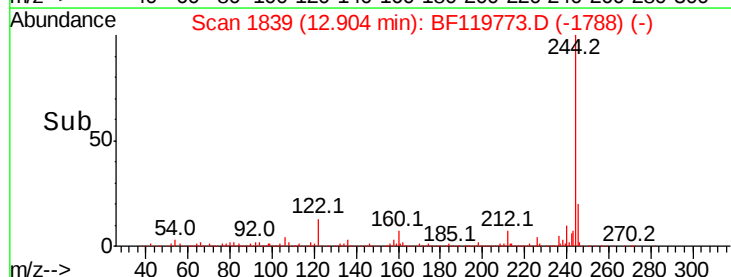
122 12.8 10.3 15.5

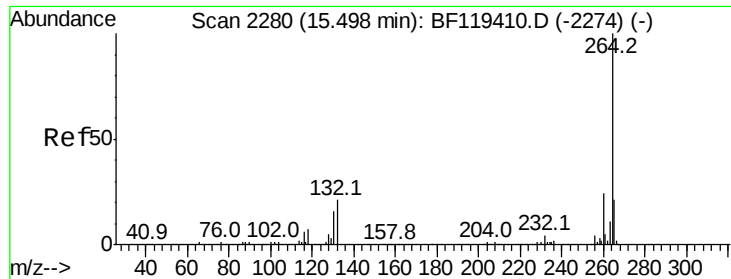


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119773.D
 Acq: 6 Apr 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.8	17.7	26.5

