

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119365.D
 Acq On : 12 Mar 2020 00:39
 Operator : CG/JU
 Sample : L1874-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:12:17 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

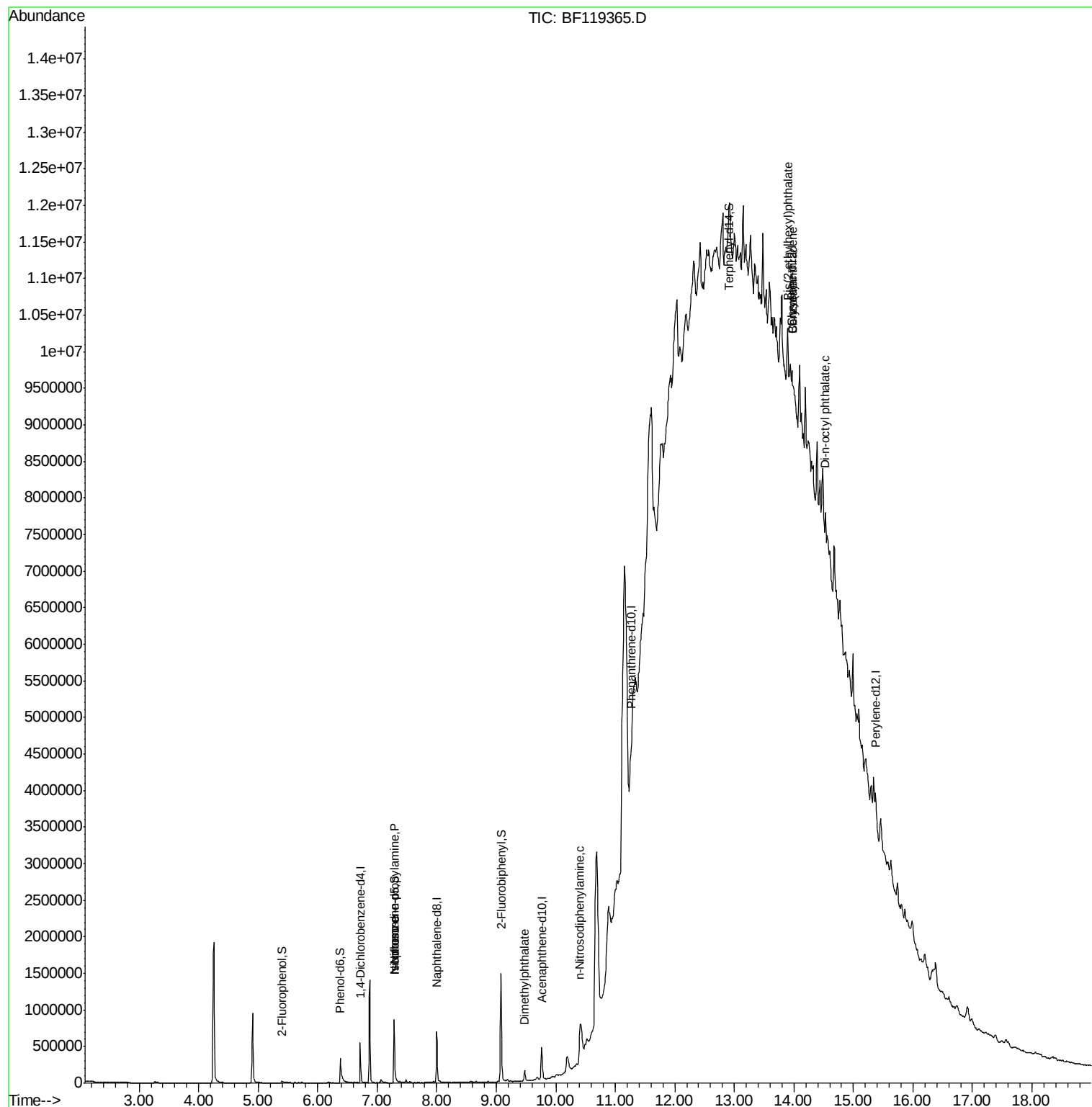
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93046	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	350122	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	172822	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	212481	20.00	ng	0.01
76) Chrysene-d12	13.97	240	153216	20.00	ng	0.08
87) Perylene-d12	15.37	264	223857	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	32305	5.80	ng	0.05
7) Phenol-d6	6.38	99	230228	34.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	350399	52.84	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	3166	1.40	ng	0.04
45) 2-Fluorobiphenyl	9.08	172	706277	60.20	ng	0.00
79) Terphenyl-d14	12.91	244	387133	43.50	ng	0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	48095	12.189	ng	# 75
25) Isophorone	7.29	82	350399	30.426	ng	# 63
50) Dimethylphthalate	9.48	163	85105	6.440	ng	# 97
66) n-Nitrosodiphenylamine	10.41	169	17386	2.499	ng	# 60
81) Benzo(a)anthracene	13.98	228	25437	2.437	ng	# 31
83) Chrysene	13.98	228	25437	2.445	ng	# 37
84) Bis(2-ethylhexyl)phthalate	13.91	149	14779	2.259	ng	# 26
85) Di-n-octyl phthalate	14.53	149	30389	2.916	ng	# 79

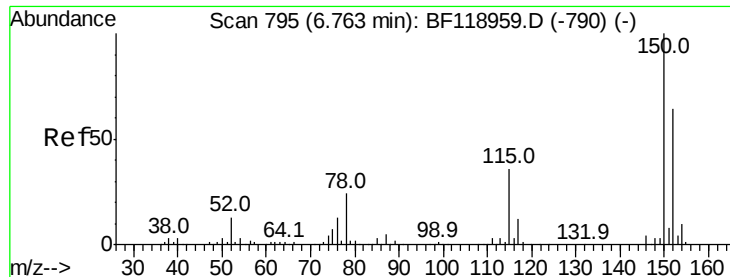
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119365.D
Acq On : 12 Mar 2020 00:39
Operator : CG/JU
Sample : L1874-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 12 05:12:17 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



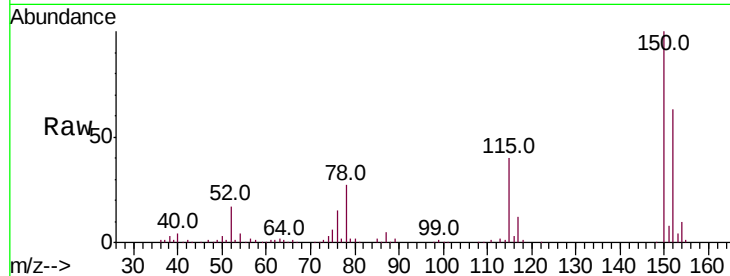


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.0	184.6
115	63.4	49.5	74.3

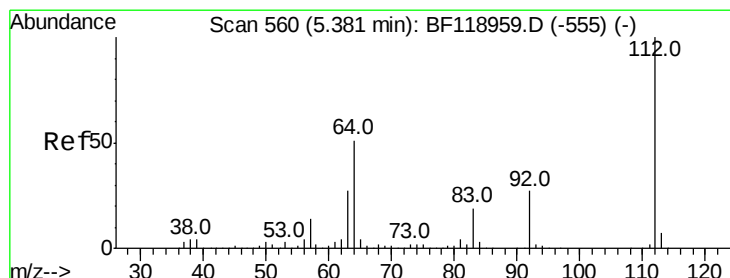
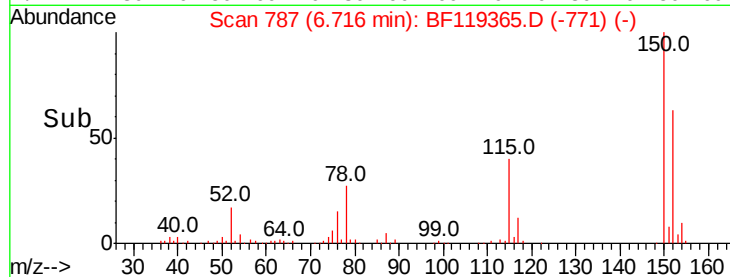
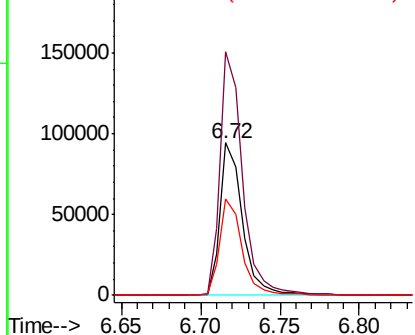


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

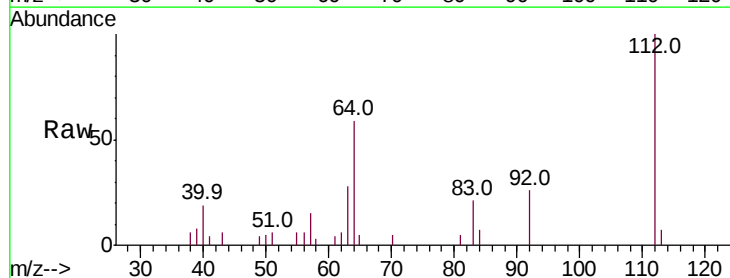
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.802 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.0	67.4
63	28.0	24.2	36.4

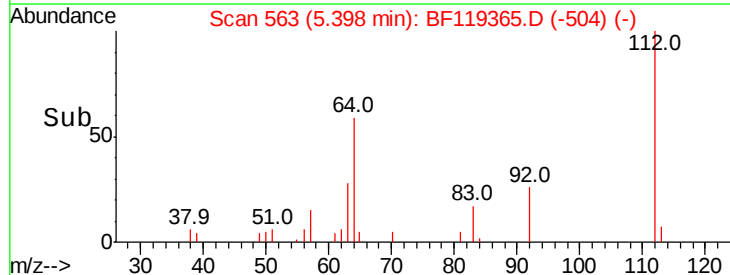
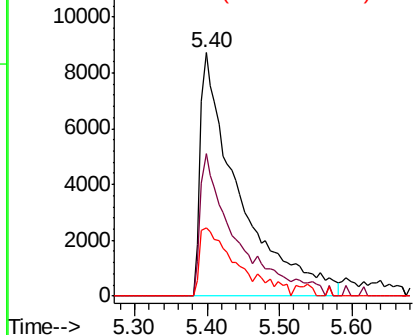


Abundance

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: 34.000 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampleId :

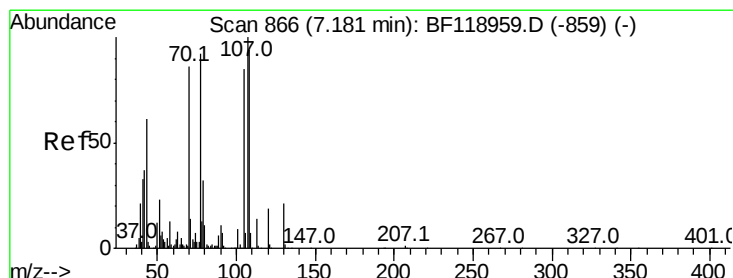
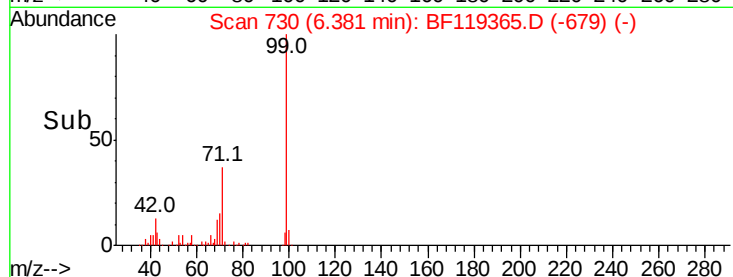
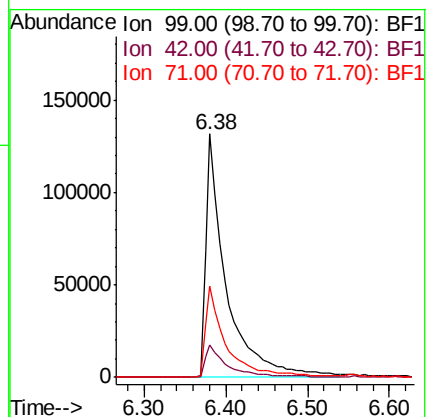
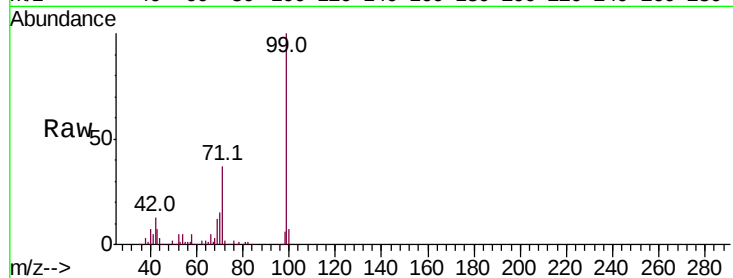
Tot Ion: 99 Resp: 230228

Ion Ratio Lower Upper

99 100

42 13.3 12.6 18.8

71 37.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.189 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Tgt Ion: 70 Resp: 48095

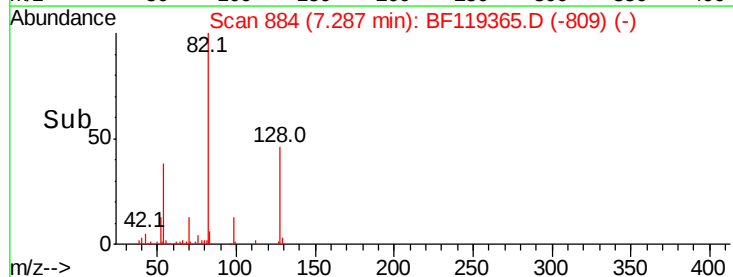
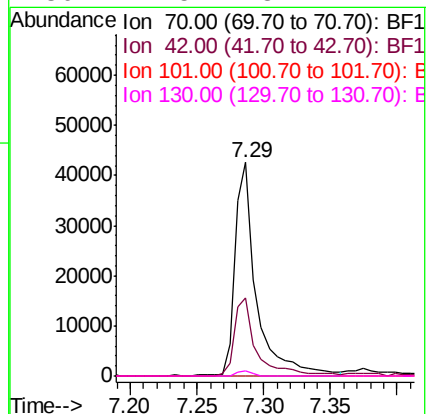
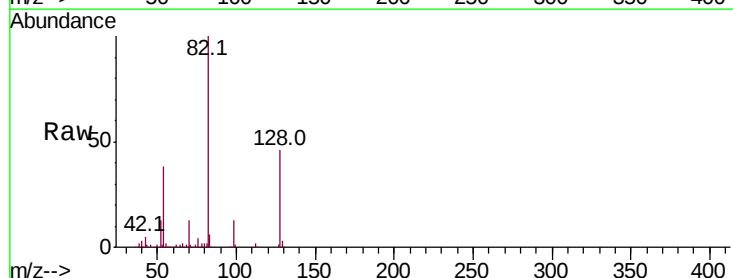
Ion Ratio Lower Upper

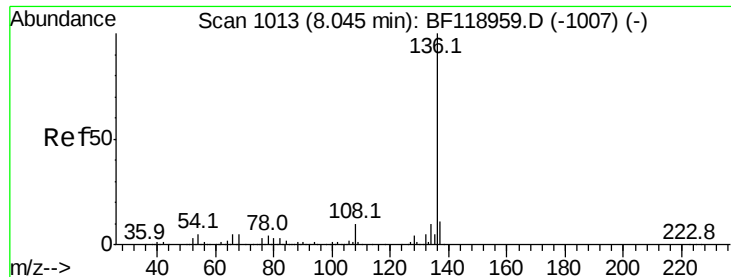
70 100

42 36.5 38.0 57.0#

101 0.0 8.2 12.4#

130 2.5 18.2 27.4#

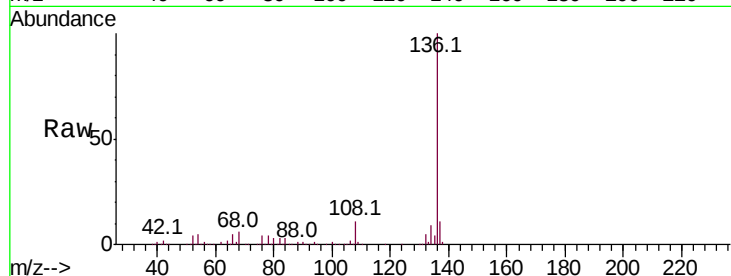




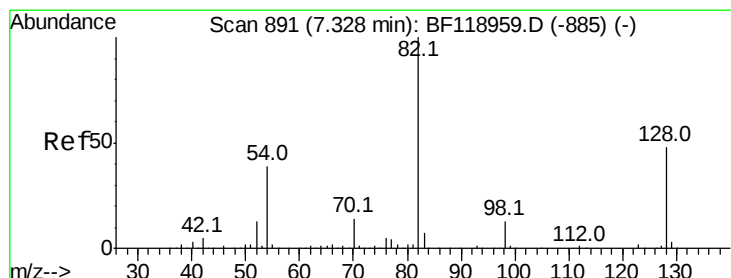
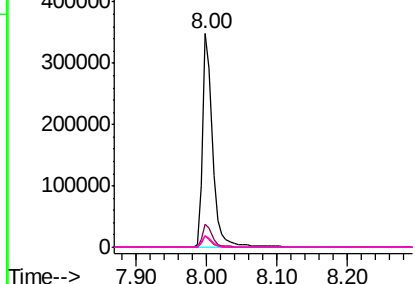
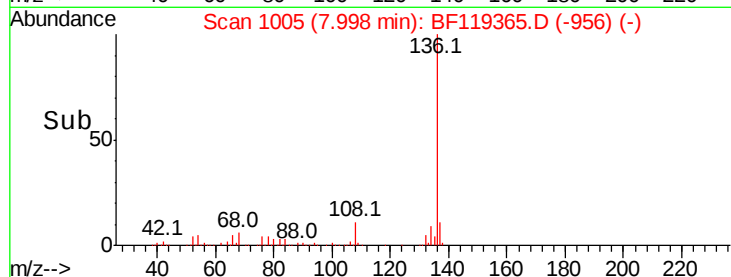
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	350122
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	5.4	3.8 5.6
68	5.6	3.9 5.9

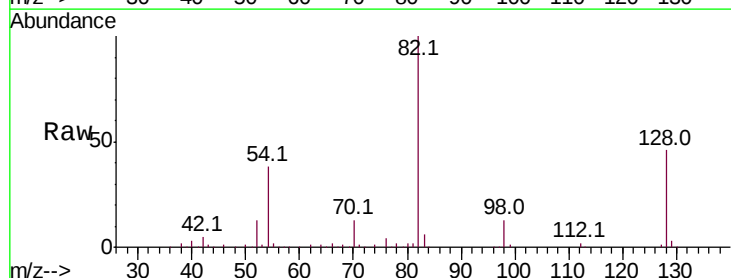


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

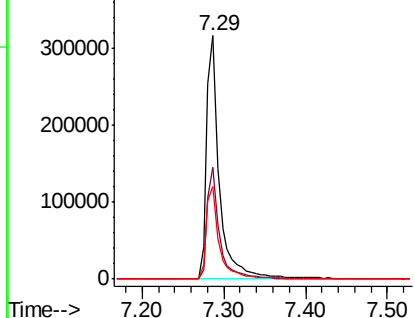
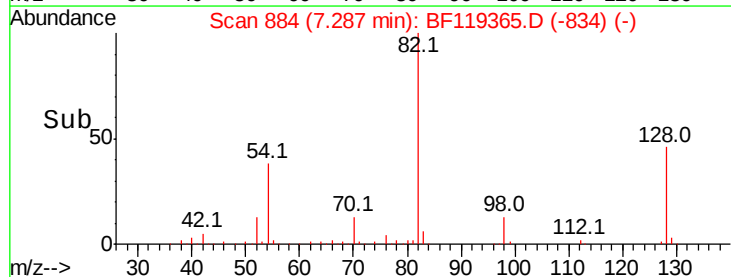


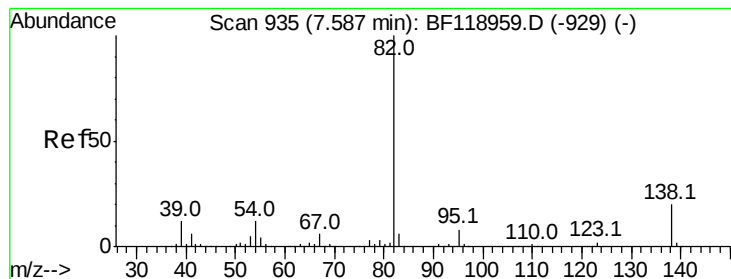
#23
Nitrobenzene-d5
Concen: 52.842 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion: 82	Resp:	350399
Ion Ratio	Lower	Upper
82	100	
128	45.8	37.9 56.9
54	37.8	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: 30.426 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampleId :

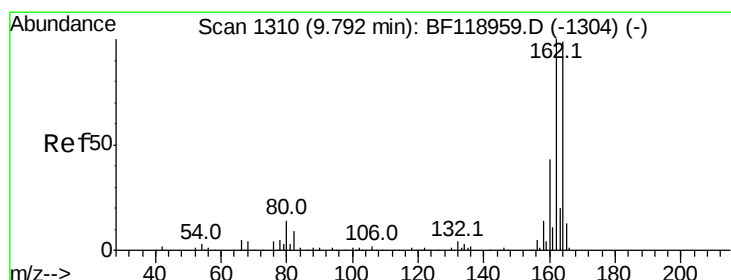
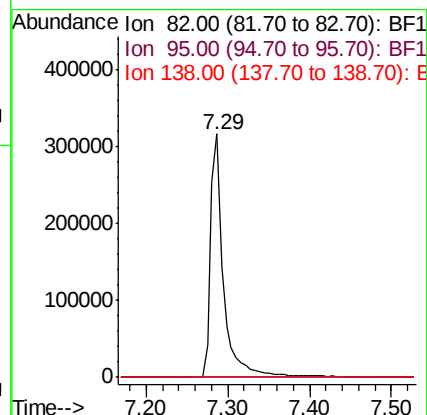
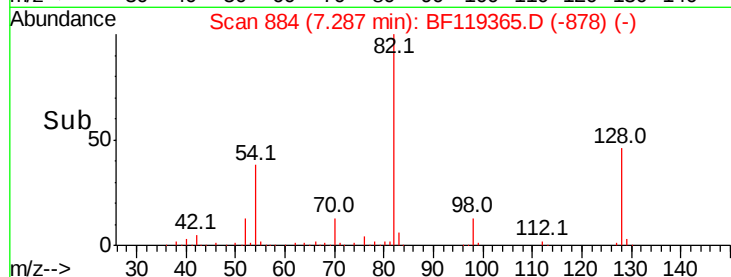
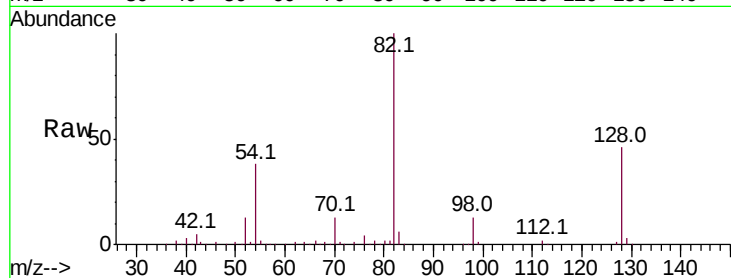
Tot Ion: 82 Resp: 350399

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

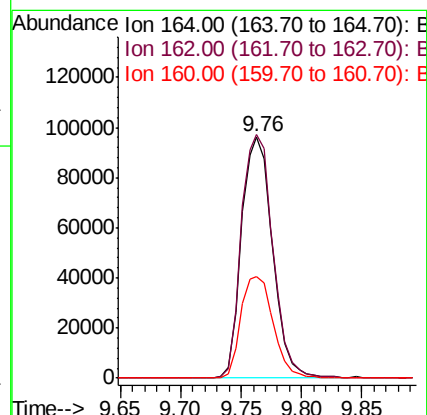
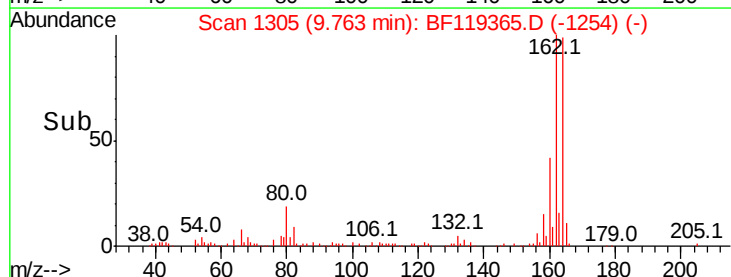
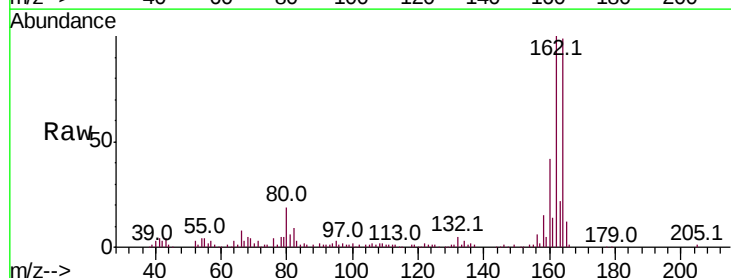
Tgt Ion:164 Resp: 172822

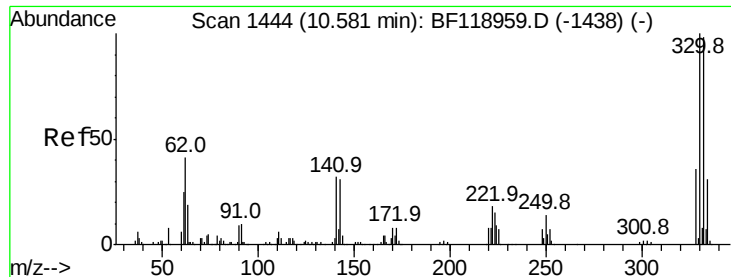
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

160 42.2 36.0 54.0

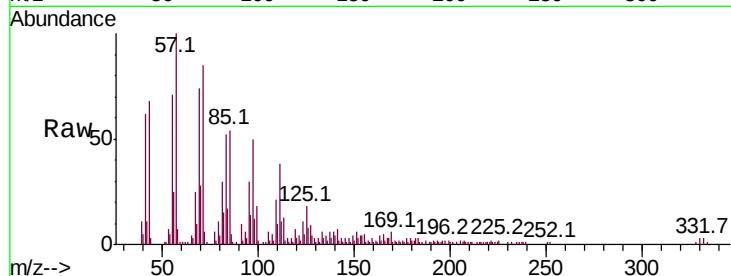




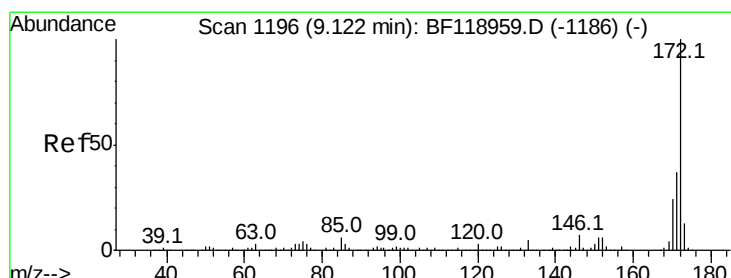
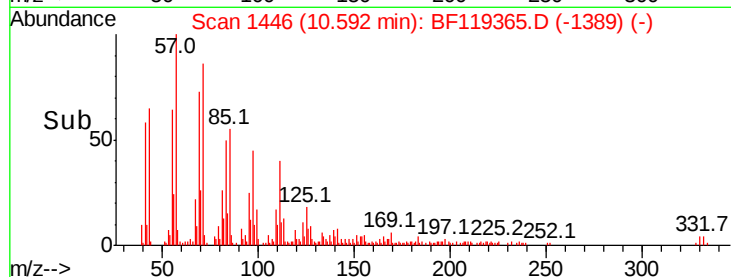
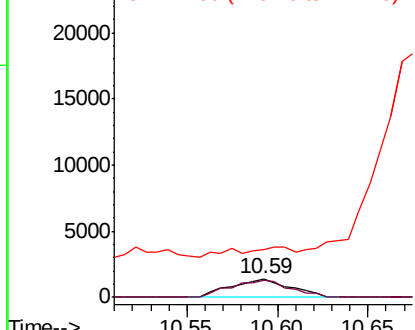
#42
 2,4,6-Tribromophenol
 Concen: 1.400 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.04 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 3166
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.0 114.0
 141 0.0 22.9 34.3#

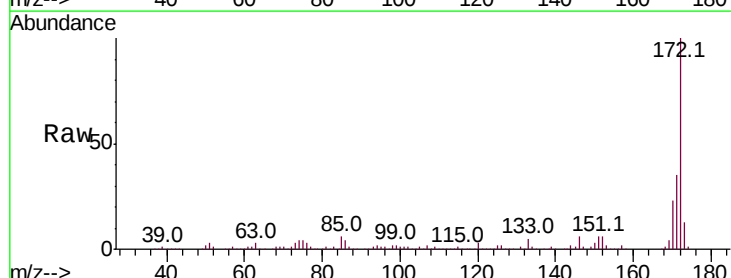


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

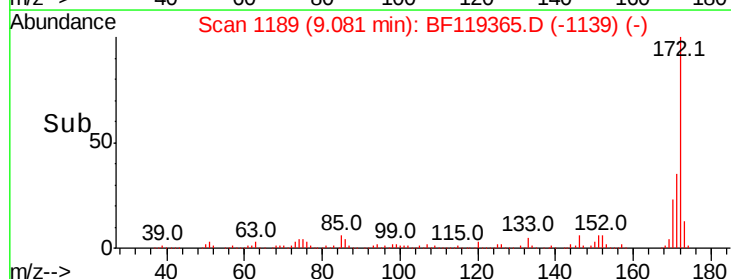
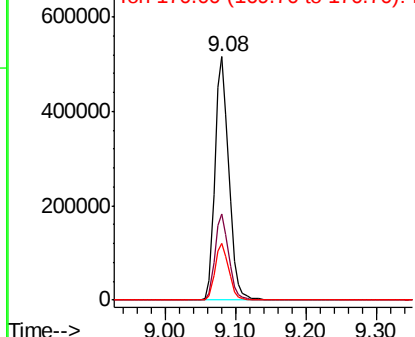


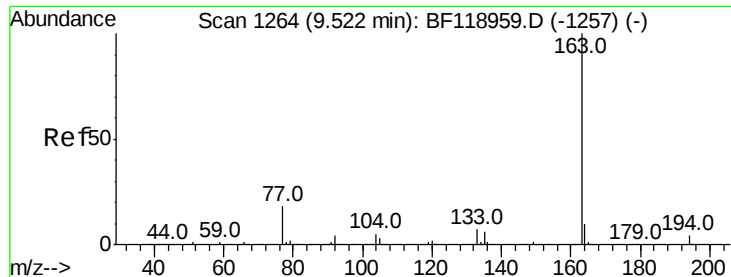
#45
 2-Fluorobiphenyl
 Concen: 60.205 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Tgt Ion:172 Resp: 706277
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.6 45.8
 170 23.2 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

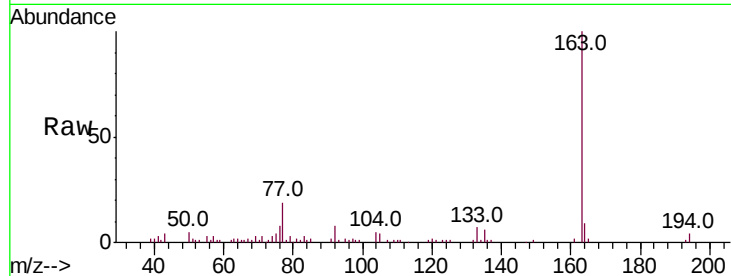




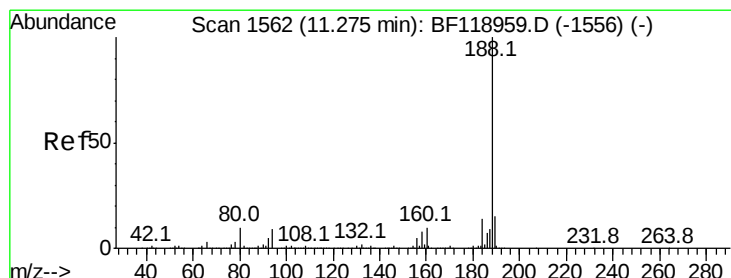
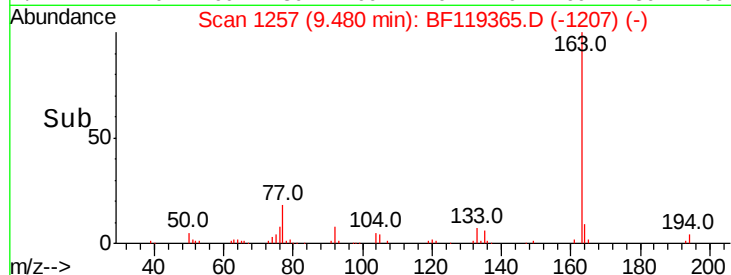
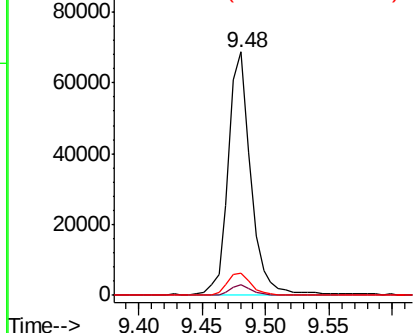
#50
 Dimethylphthalate
 Concen: 6.440 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.1	8.4	12.6

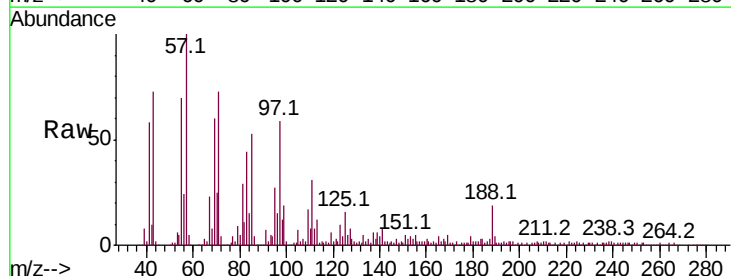


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

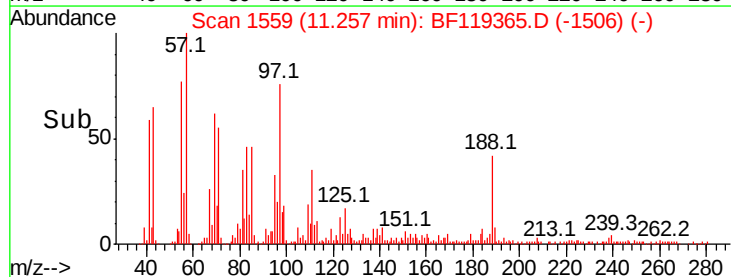
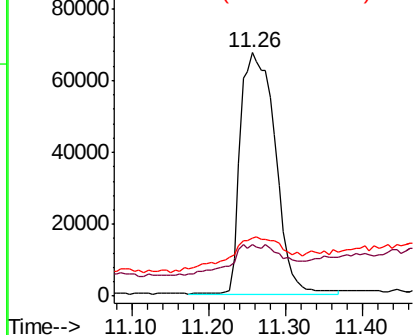


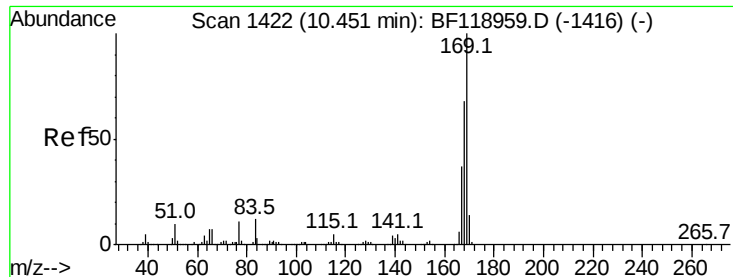
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	21.3	7.1	10.7#
80	23.7	7.8	11.8#



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

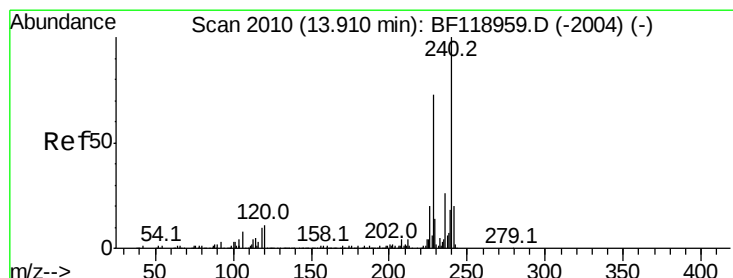
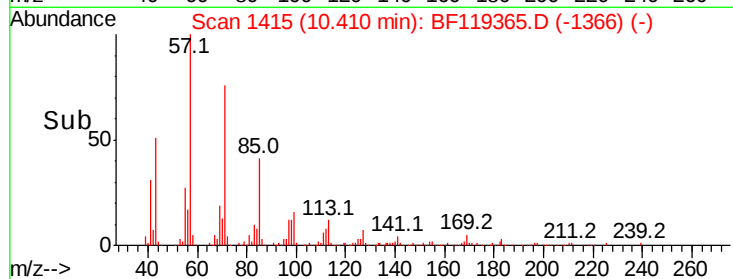
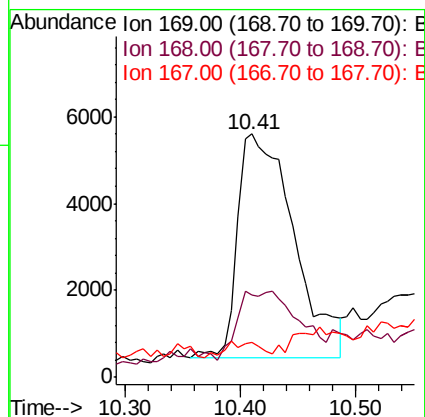
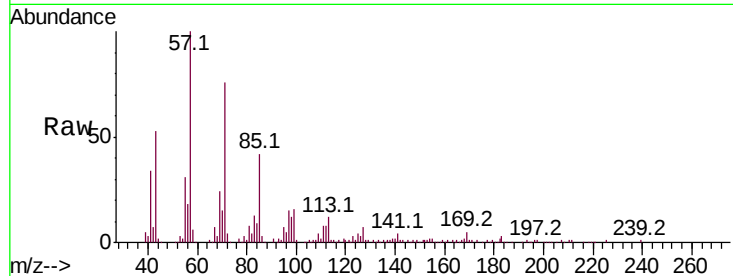




#66
n-Nitrosodiphenylamine
Concen: 2.499 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

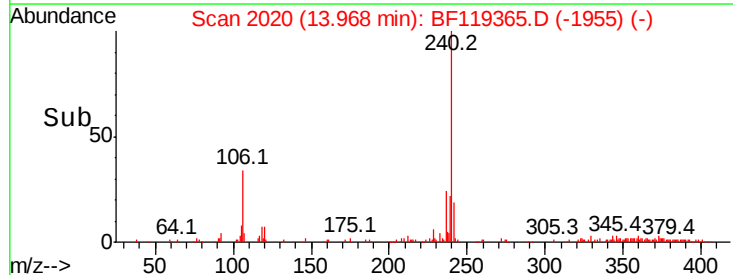
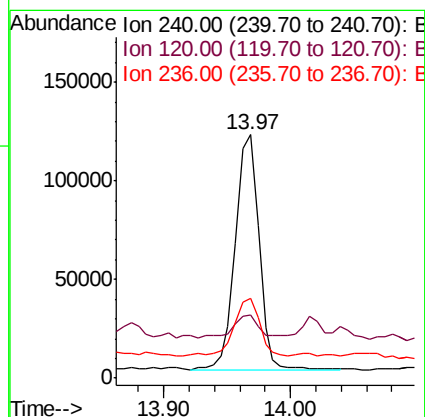
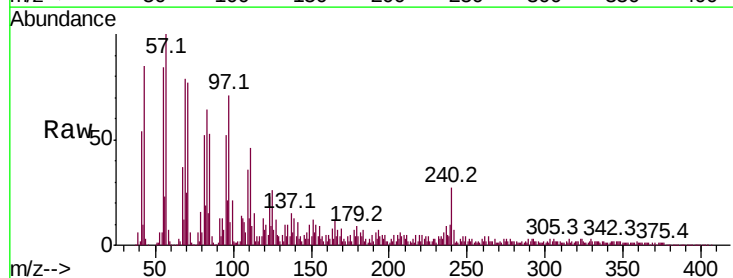
Instrument :
BNA_F
ClientSampleId :

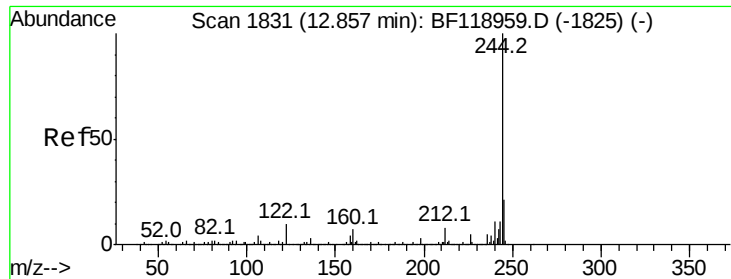
Tot Ion	Ratio	Lower	Upper
169	100		
168	33.9	54.1	81.1#
167	14.3	29.4	44.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.08 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	25.7	8.4	12.6#
236	33.0	21.0	31.4#

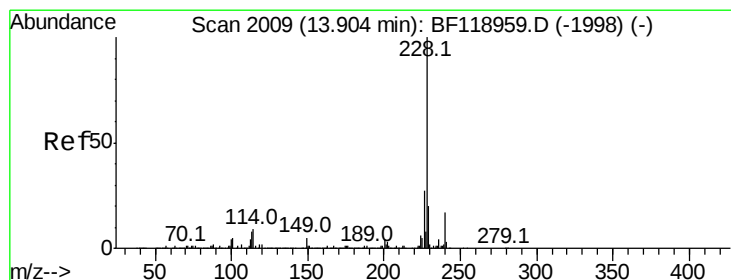
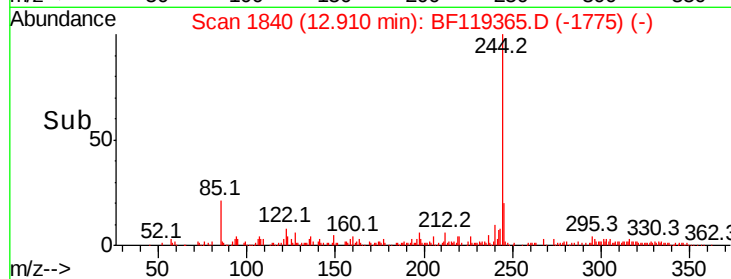
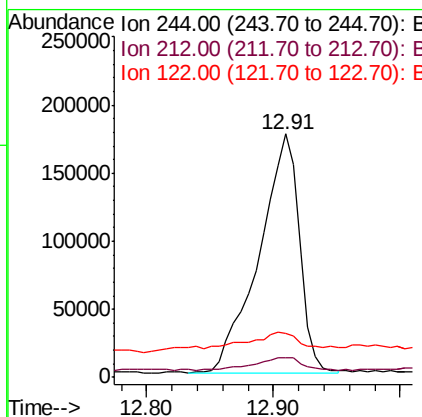
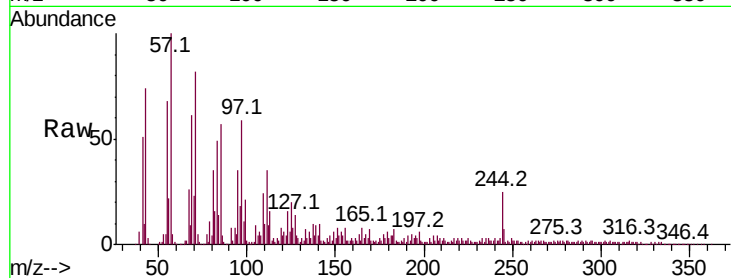




#79
 Terphenyl-d14
 Concen: 43.502 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.08 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

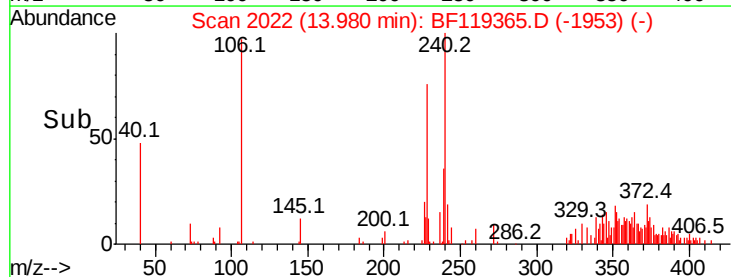
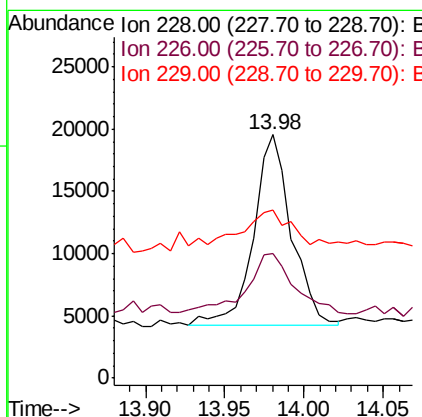
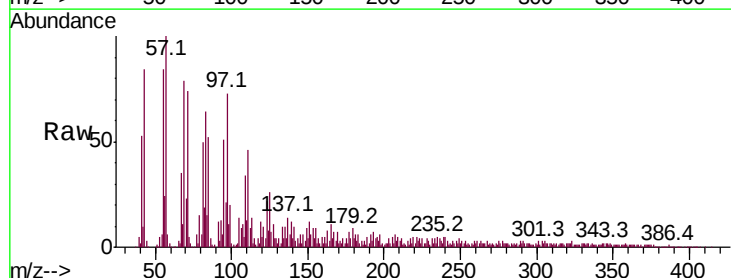
Instrument :
 BNA_F
 ClientSampleId :

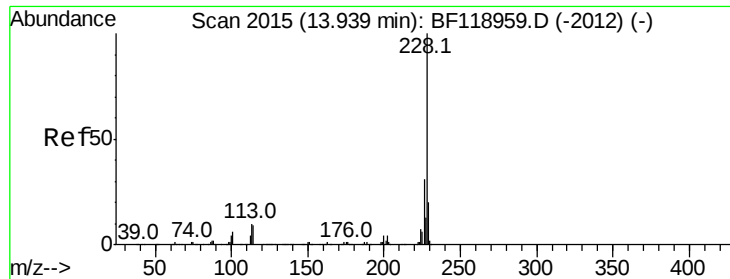
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	18.1	8.2	12.2#



#81
 Benzo(a)anthracene
 Concen: 2.437 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.11 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.9	22.6	33.8#
229	68.8	16.6	24.8#





#83

Chrysene

Concen: 2.445 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.06 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampled :

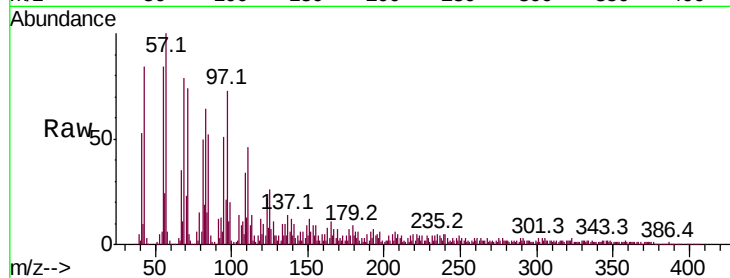
Tot Ion:228 Resp: 25437

Ion Ratio Lower Upper

228 100

226 50.9 25.1 37.7#

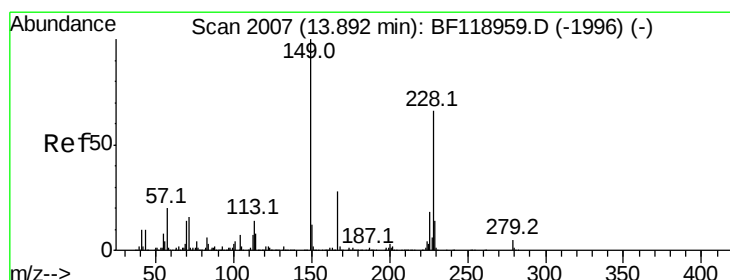
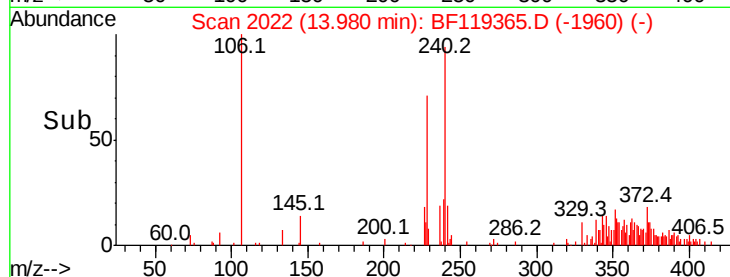
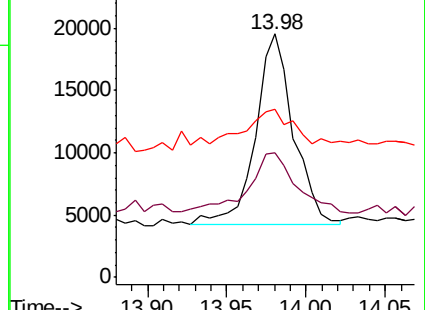
229 68.8 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.259 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

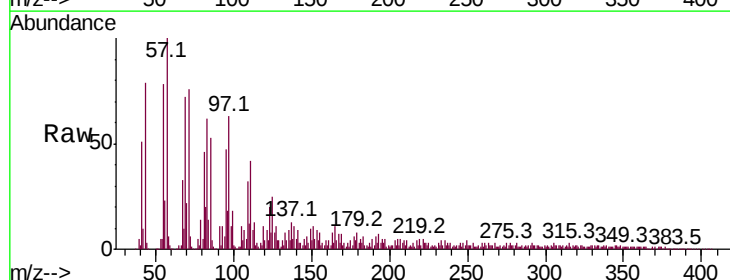
Tgt Ion:149 Resp: 14779

Ion Ratio Lower Upper

149 100

167 71.4 22.8 34.2#

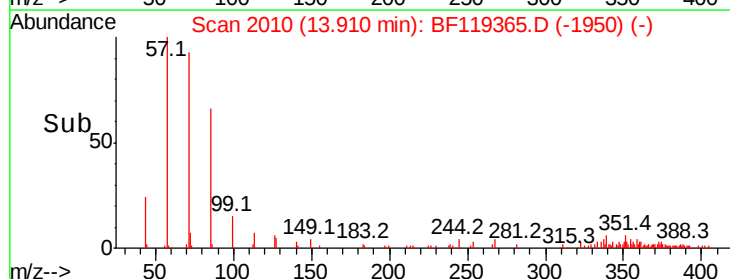
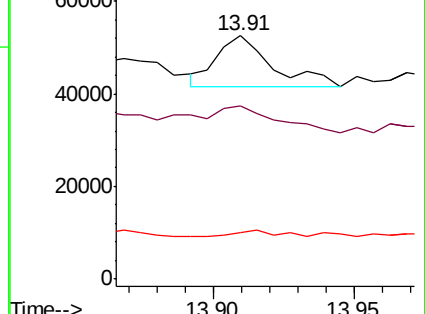
279 19.2 4.6 6.8#

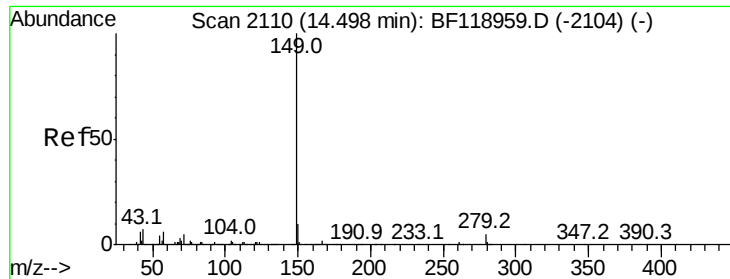


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

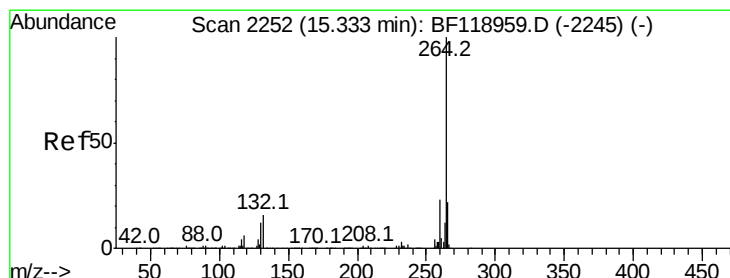
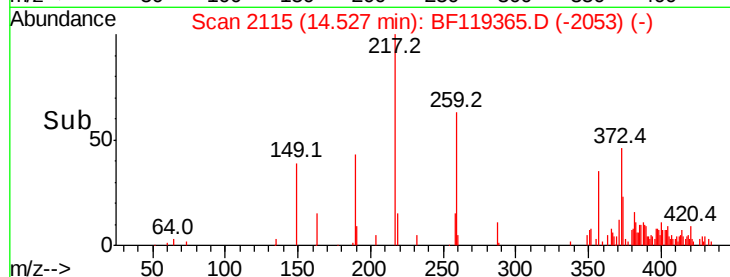
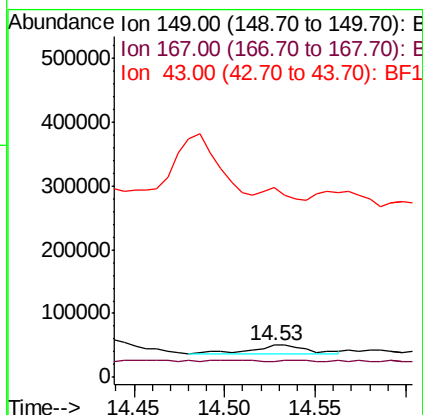
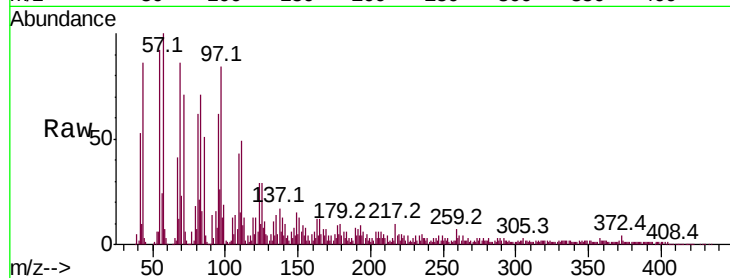




#85
Di-n-octyl phthalate
Concen: 2.916 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.06 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	9.3	1.3	1.9#
43	0.0	5.7	8.5#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.06 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.3	17.7	26.5

