

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119865.D
 Acq On : 9 Apr 2020 10:21
 Operator : MA/SJ
 Sample : L2153-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 09 11:00:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184455	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	652302	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	253386	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	326192	20.00	ng	0.04
76) Chrysene-d12	13.96	240	285143	20.00	ng	0.02
87) Perylene-d12	15.39	264	298911	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1449794	135.83	ng	0.01
7) Phenol-d6	6.41	99	1947283	141.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	1261487	100.05	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	331998	107.02	ng	0.03
45) 2-Fluorobiphenyl	9.14	172	2085006	116.83	ng	0.00
79) Terphenyl-d14	12.92	244	1445414	85.30	ng	0.03

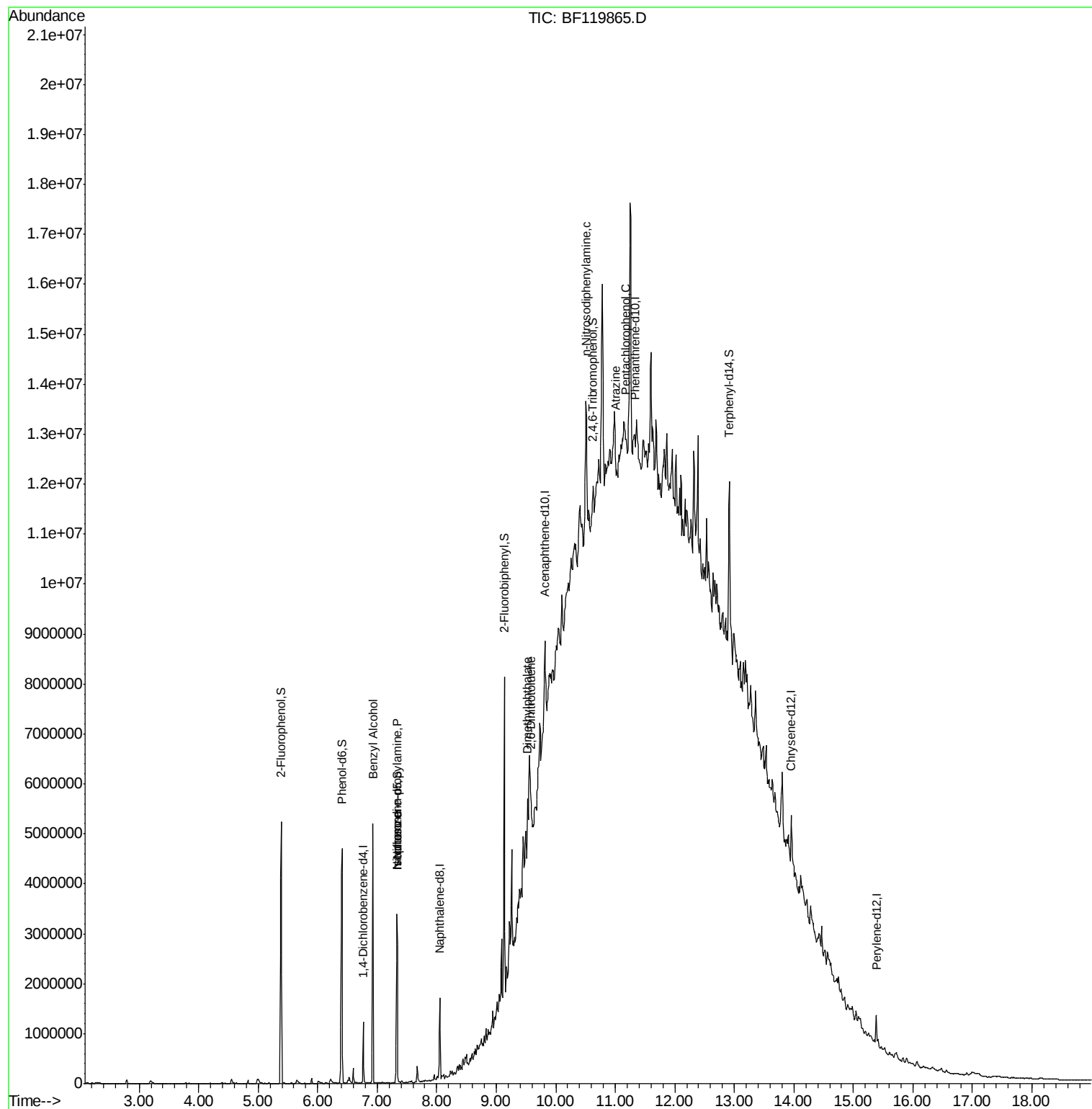
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1778	Below Cal		87
15) Benzyl Alcohol	6.93	79	22432	2.100	ng	# 49
19) n-Nitroso-di-n-propylamine	7.33	70	171438	19.385	ng	# 77
25) Isophorone	7.33	82	1253358	51.565	ng	# 65
50) Dimethylphthalate	9.53	163	321003	16.379	ng	# 93
51) 2,6-Dinitrotoluene	9.59	165	20789	4.844	ng	# 27
66) n-Nitrosodiphenylamine	10.51	169	59648	5.498	ng	# 71
69) Atrazine	11.01	200	6150	2.038	ng	# 1
70) Pentachlorophenol	11.18	266	22678	9.563	ng	# 26

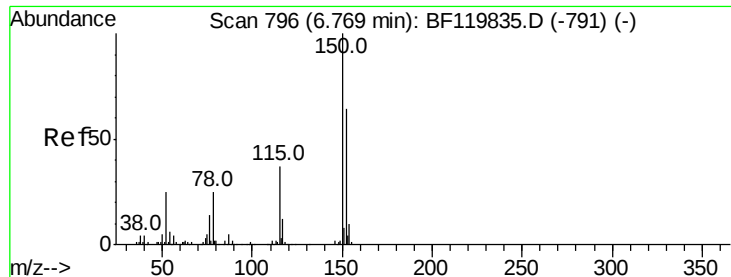
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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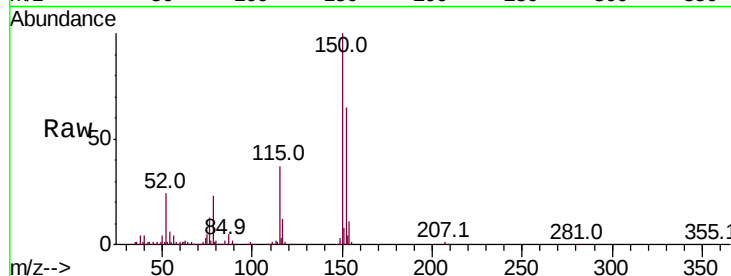


#1

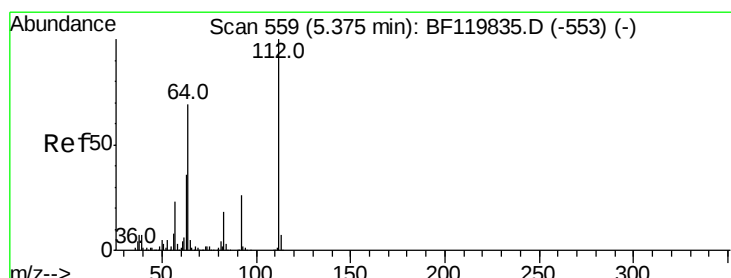
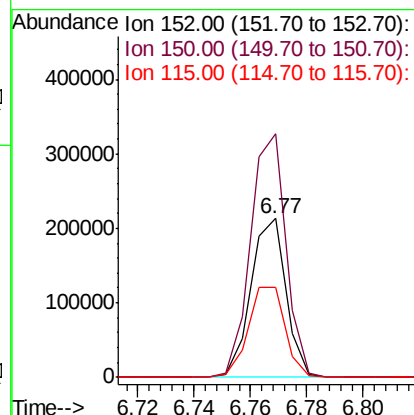
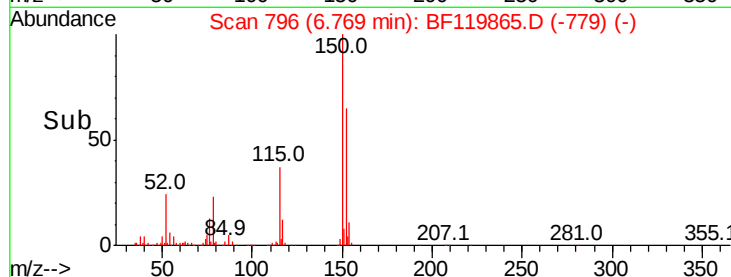
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.8	187.2
115	56.6	46.5	69.7



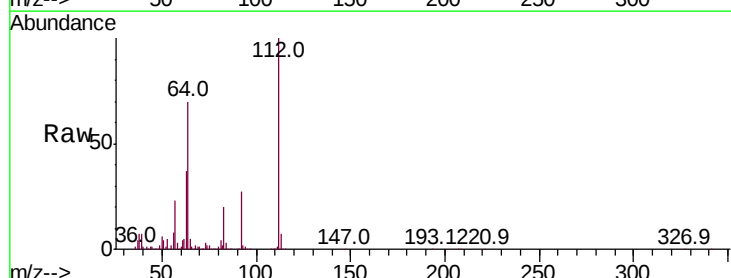
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



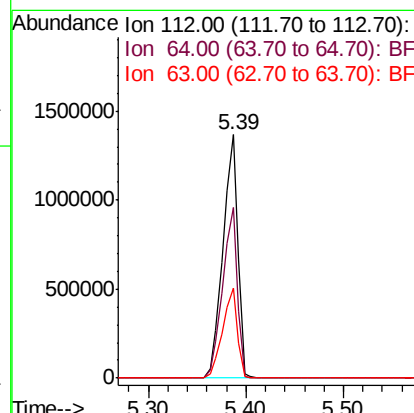
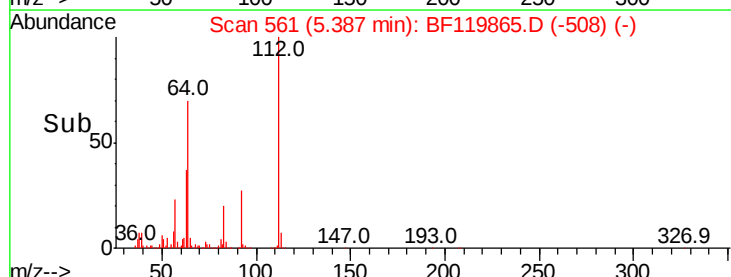
#5

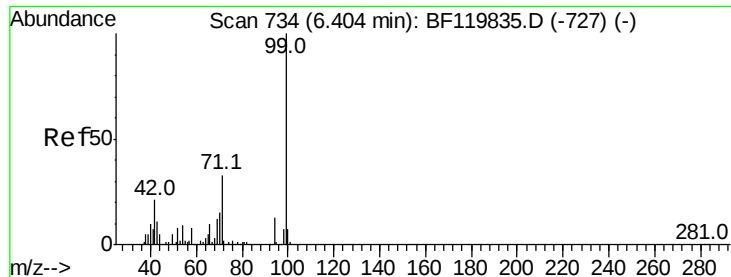
2-Fluorophenol
Concen: 135.833 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	37.1	29.1	43.7



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: 141.588 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

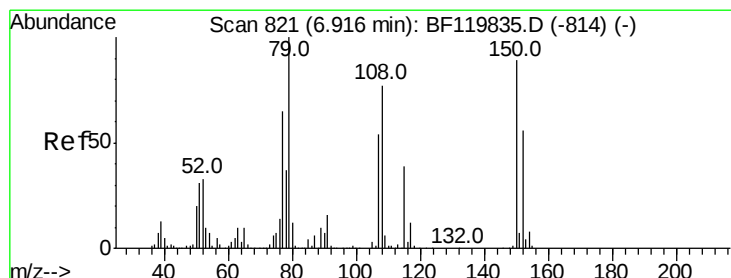
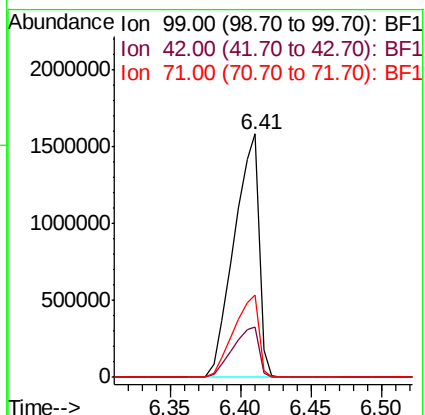
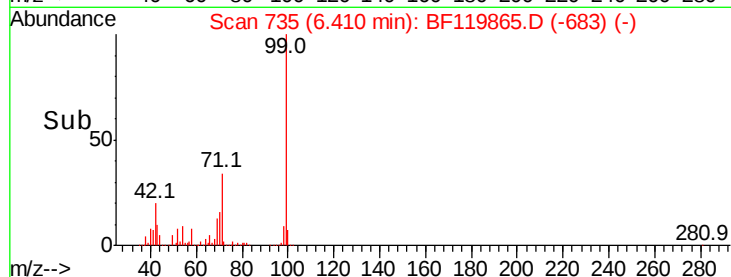
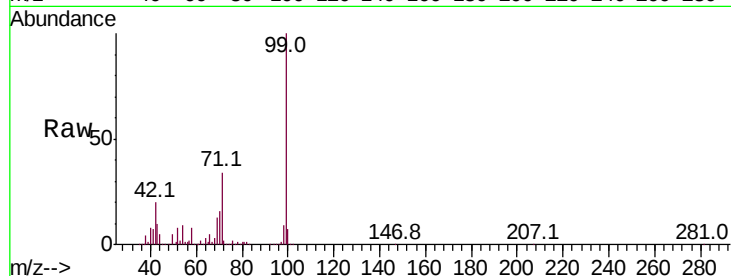
Tot Ion: 99 Resp: 1947283

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

71 33.7 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.100 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

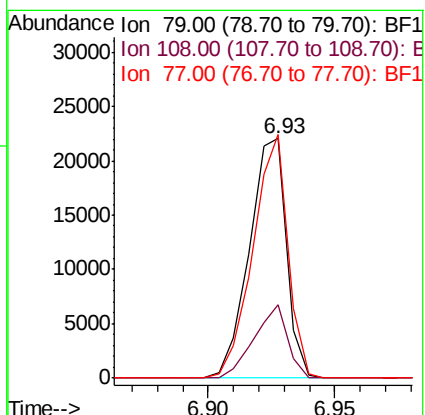
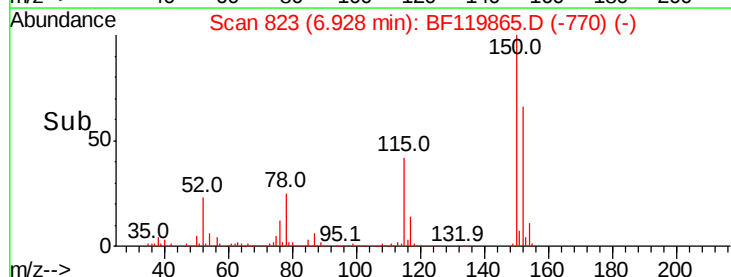
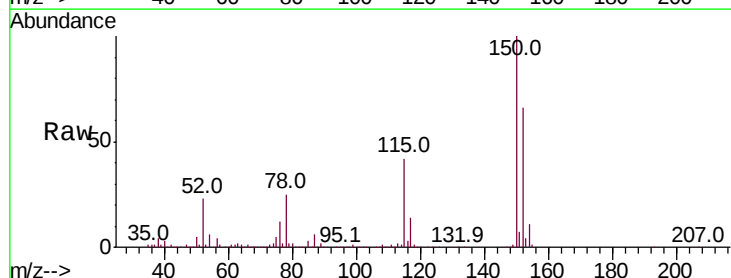
Tgt Ion: 79 Resp: 22432

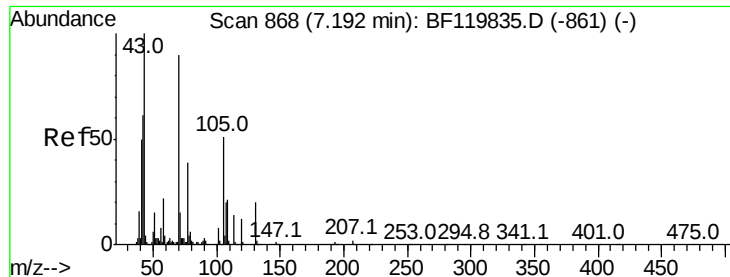
Ion Ratio Lower Upper

79 100

108 30.8 62.0 93.0#

77 101.6 51.8 77.6#

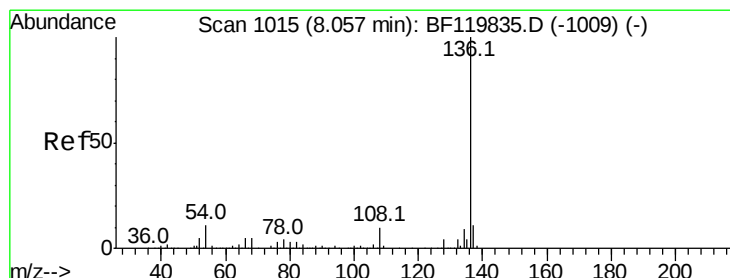
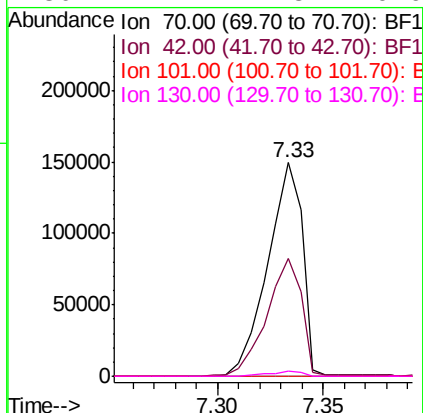
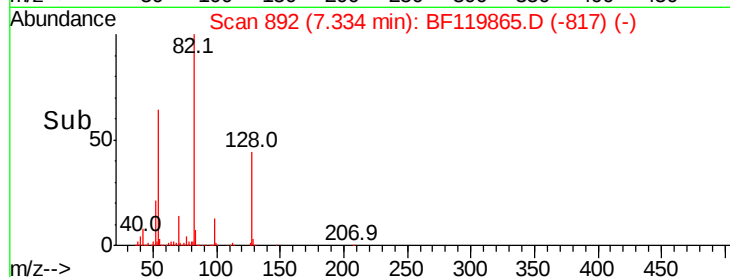
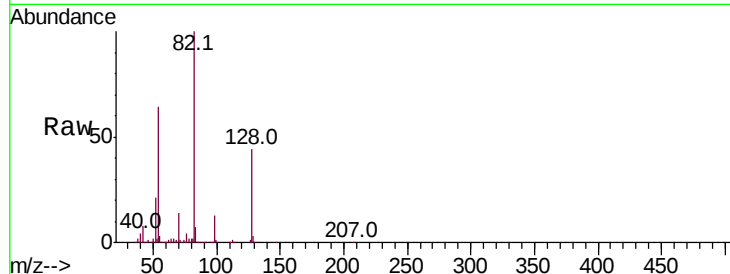




#19
n-Nitroso-di-n-propylamine
Concen: 19.385 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

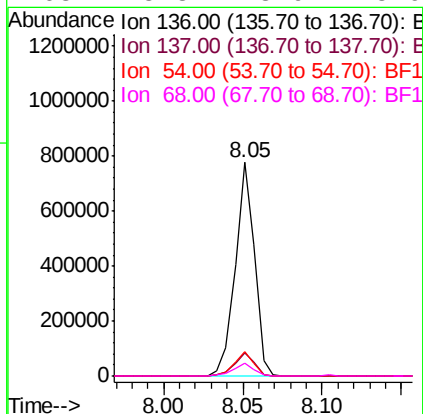
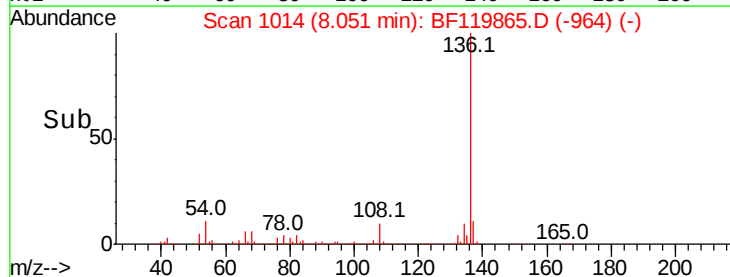
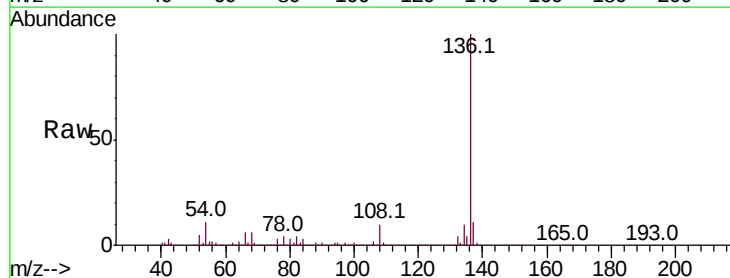
Instrument :
BNA_F
ClientSampleId :
DFTPP

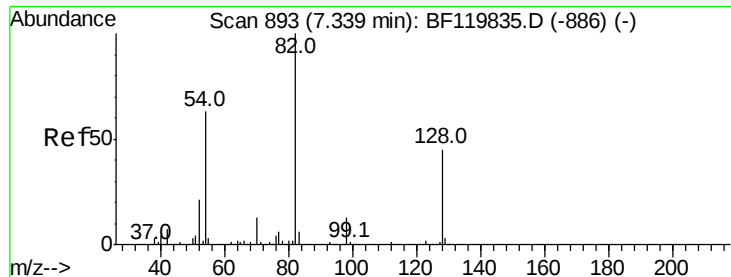
Tot Ion: 70 Resp: 171438
Ion Ratio Lower Upper
70 100
42 55.0 54.2 81.4
101 0.0 7.4 11.2#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion:136 Resp: 652302
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.1 8.5 12.7
68 5.8 3.9 5.9





#23

Nitrobenzene-d5

Concen: 100.048 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

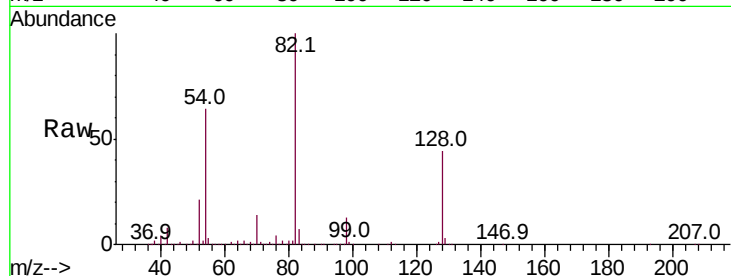
Tot Ion: 82 Resp: 1261487

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.2	54.4
54	64.3	50.4	75.6

82 100

128 43.9 36.2 54.4

54 64.3 50.4 75.6

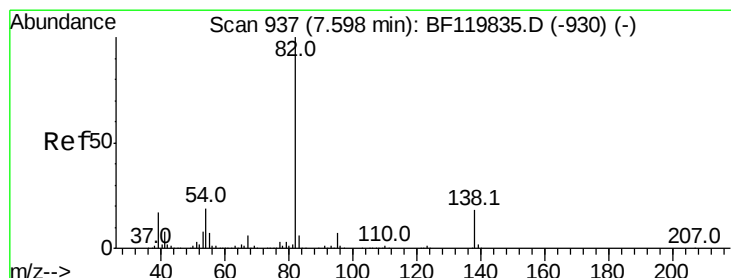
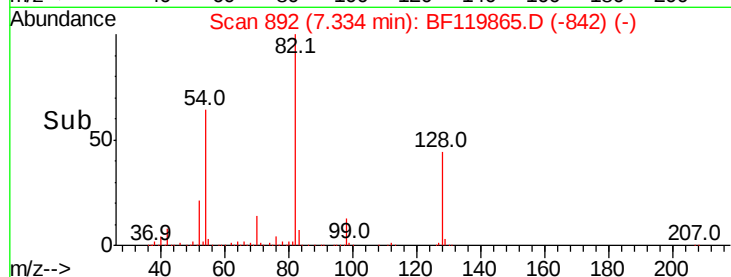
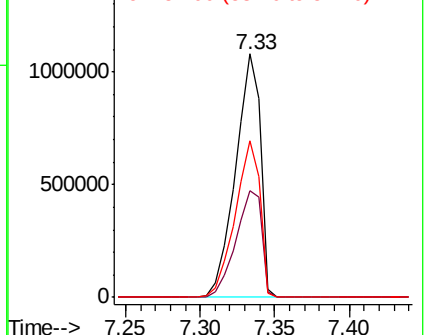


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 51.565 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

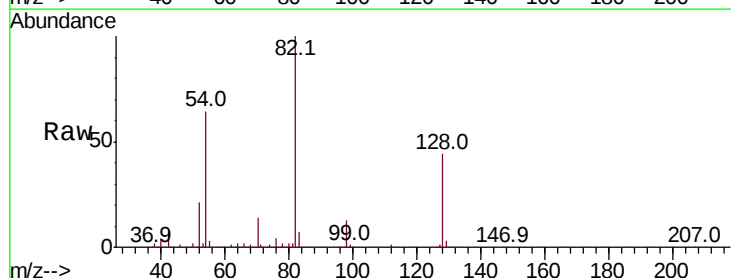
Tgt Ion: 82 Resp: 1253358

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.5	21.7#

82 100

95 0.1 5.8 8.6#

138 0.0 14.5 21.7#

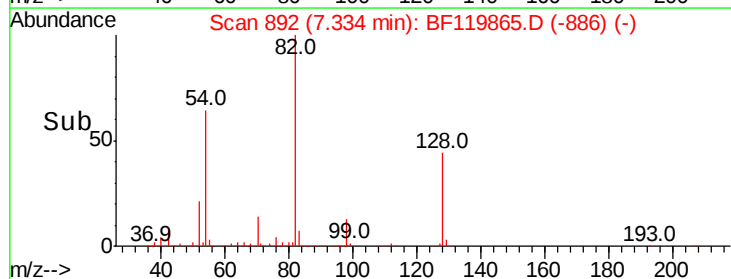
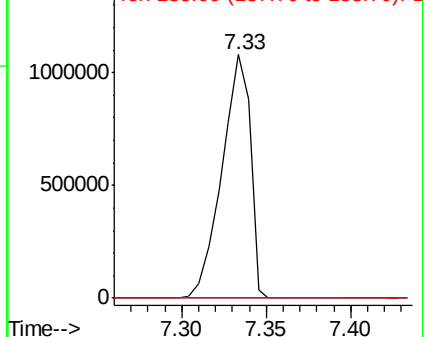


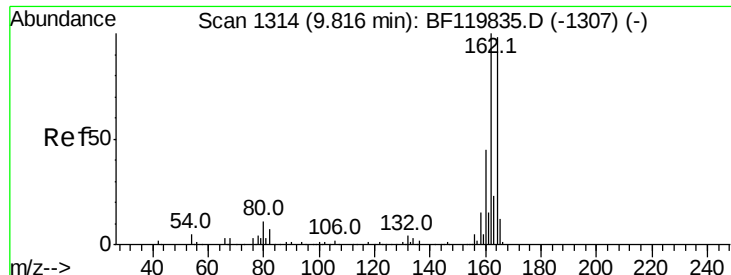
Abundance

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: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

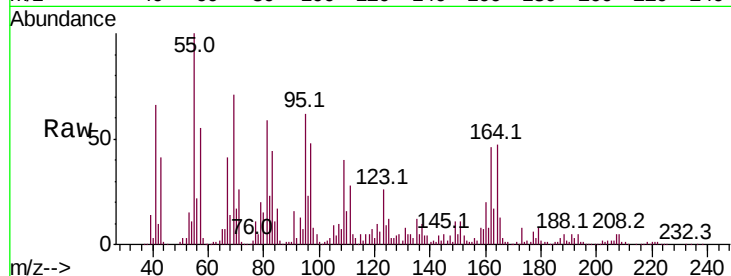
Tot Ion:164 Resp: 253386

Ion Ratio Lower Upper

164 100

162 98.9 81.9 122.9

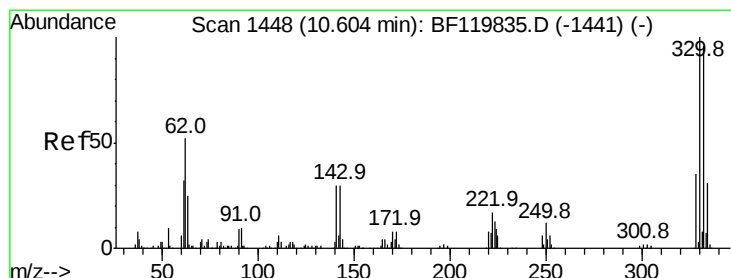
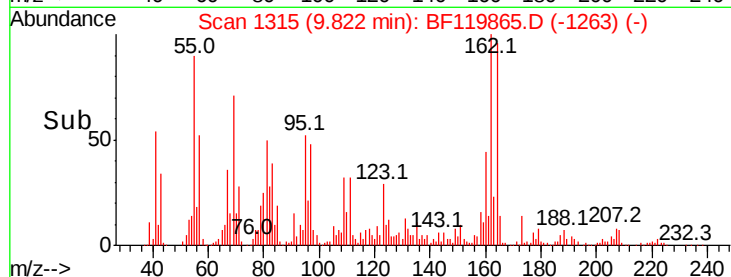
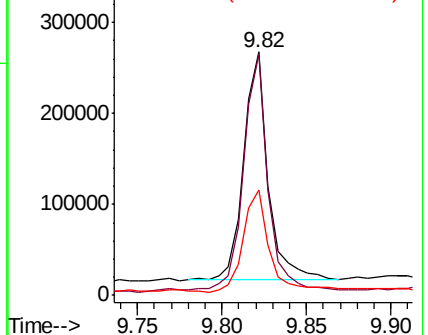
160 43.3 36.6 54.8



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: 107.017 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.03 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

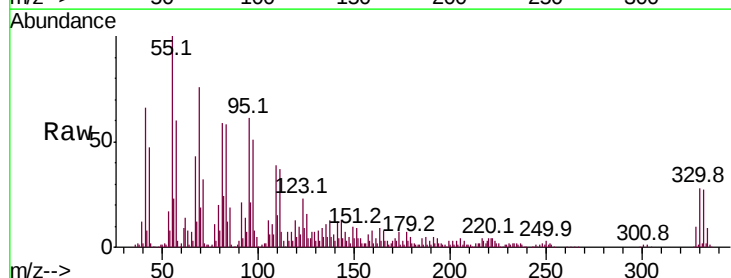
Tgt Ion:330 Resp: 331998

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

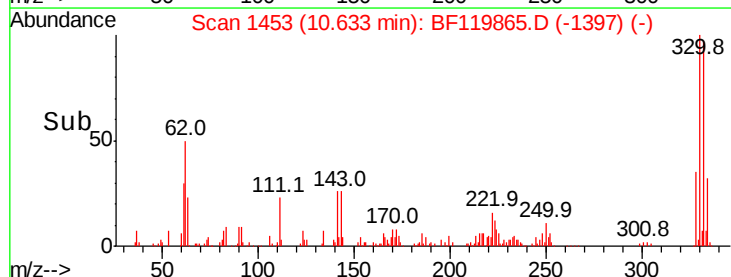
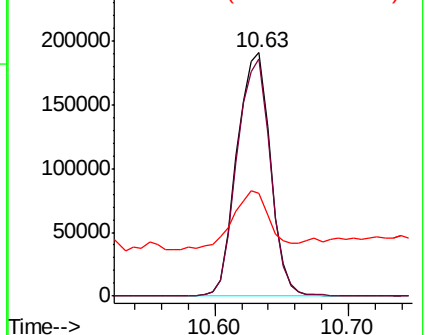
141 26.3 25.1 37.7

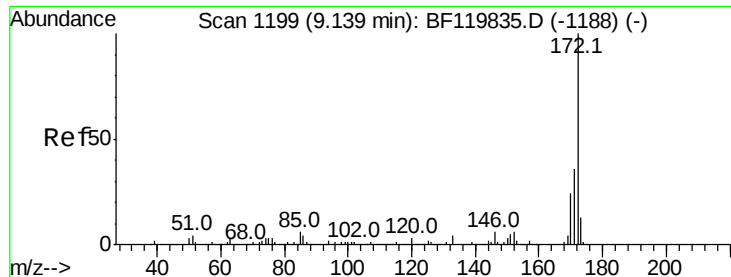


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

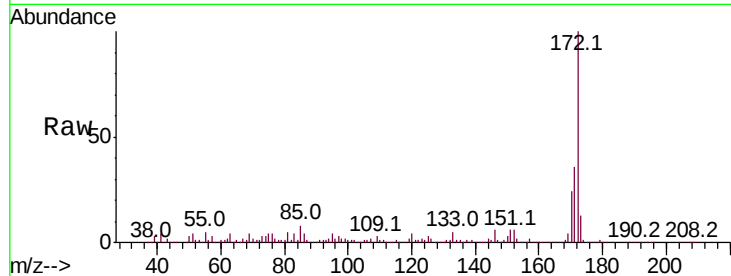




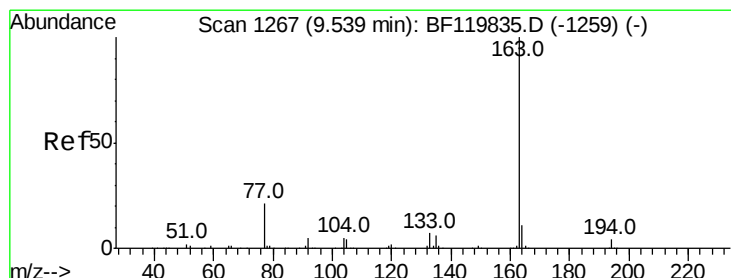
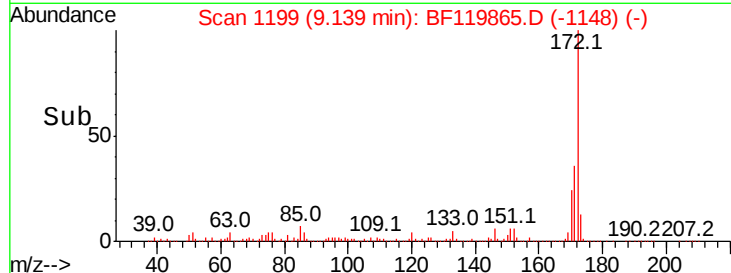
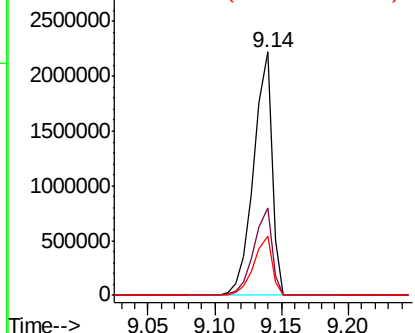
#45
2-Fluorobiphenyl
Concen: 116.828 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 2085006
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.4 19.4 29.2

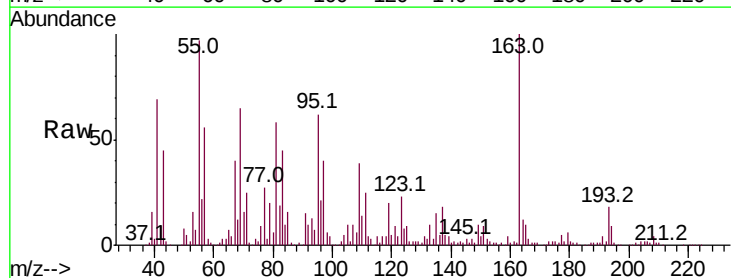


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

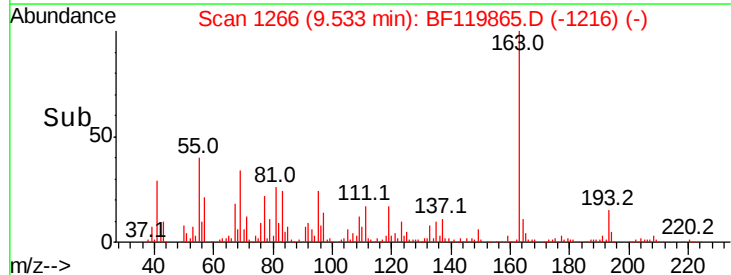
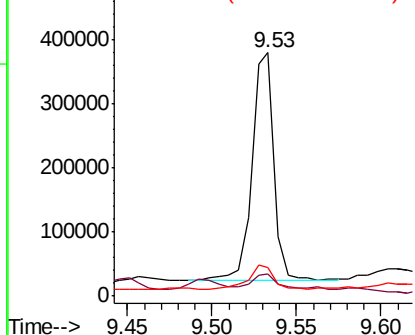


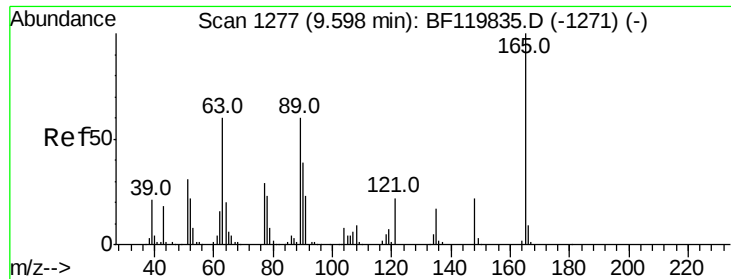
#50
Dimethylphthalate
Concen: 16.379 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion:163 Resp: 321003
Ion Ratio Lower Upper
163 100
194 9.2 3.0 4.4#
164 11.7 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

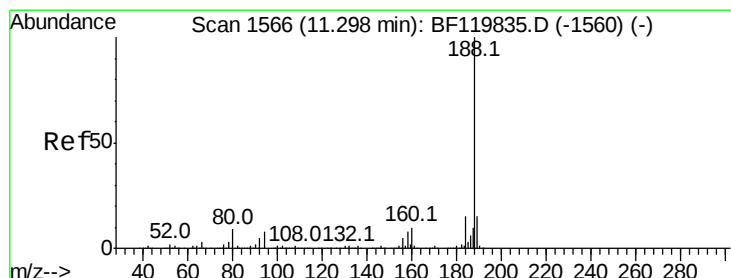
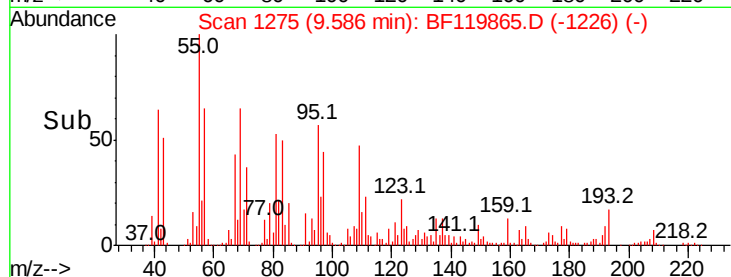
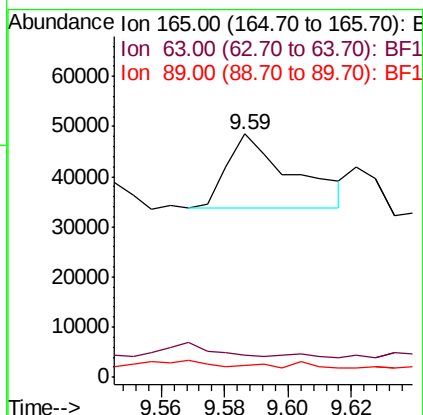
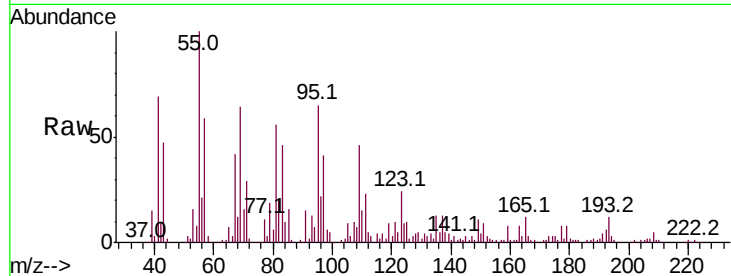




#51
 2,6-Dinitrotoluene
 Concen: 4.844 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

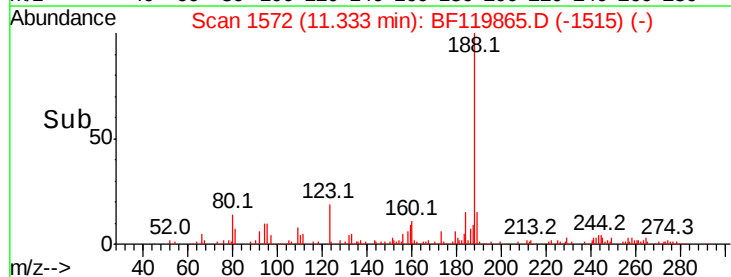
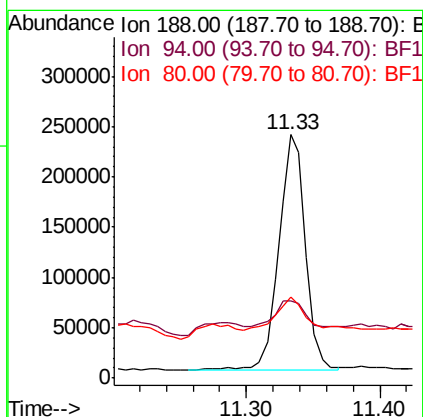
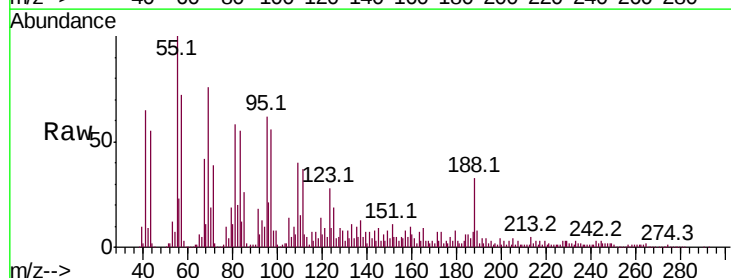
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

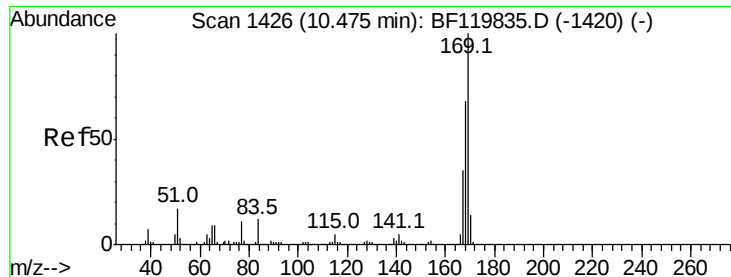
Tot Ion:165 Resp: 20789
 Ion Ratio Lower Upper
 165 100
 63 9.2 55.6 83.4#
 89 5.0 47.9 71.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.04 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Tgt Ion:188 Resp: 326192
 Ion Ratio Lower Upper
 188 100
 94 31.6 6.7 10.1#
 80 33.2 7.4 11.2#

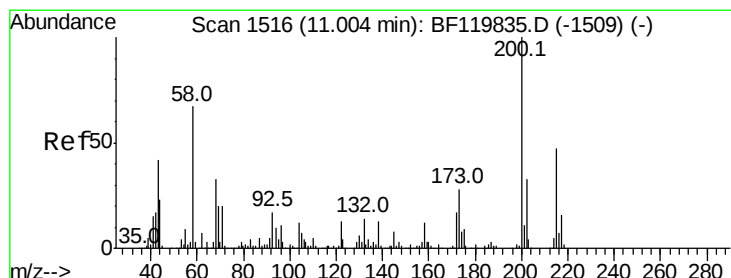
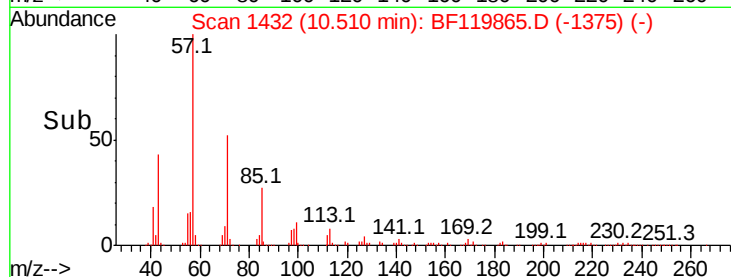
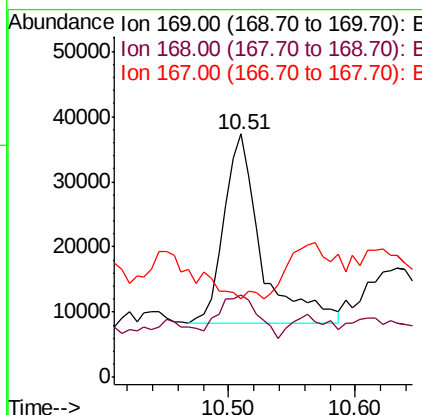
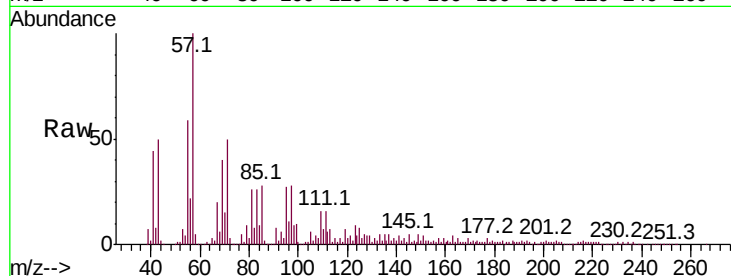




#66
n-Nitrosodiphenylamine
Concen: 5.498 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.04 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

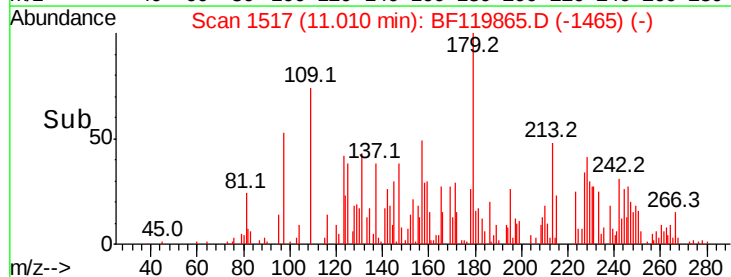
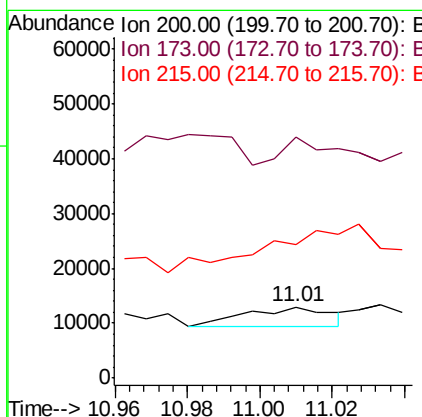
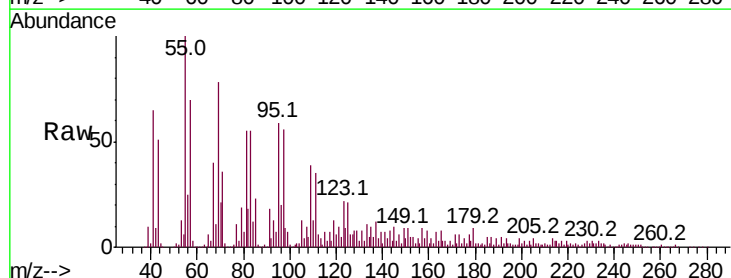
Instrument :
BNA_F
ClientSampleId :
DFTPP

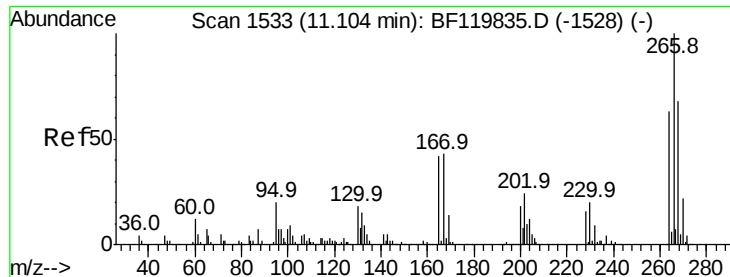
Tot Ion:169 Resp: 59648
Ion Ratio Lower Upper
169 100
168 34.0 54.2 81.4#
167 32.5 28.3 42.5



#69
Atrazine
Concen: 2.038 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion:200 Resp: 6150
Ion Ratio Lower Upper
200 100
173 339.3 8.0 48.0#
215 188.7 27.1 67.1#

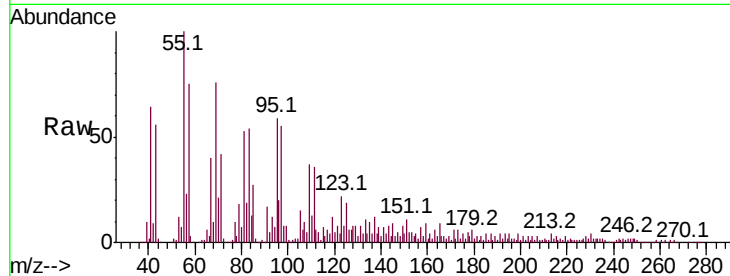




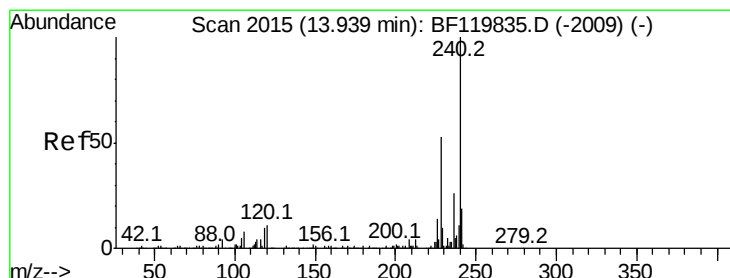
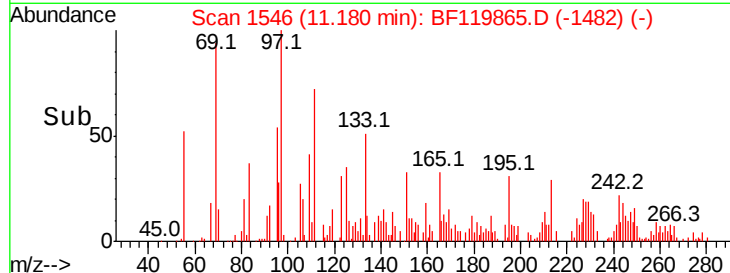
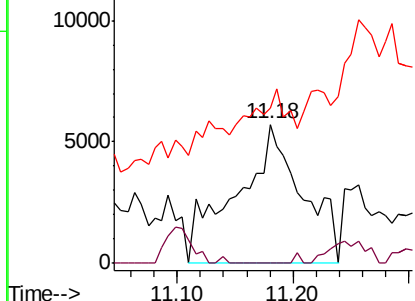
#70
 Pentachlorophenol
 Concen: 9.563 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.08 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:266 Resp: 22678
 Ion Ratio Lower Upper
 266 100
 268 0.0 54.2 81.4#
 264 111.9 50.6 76.0#

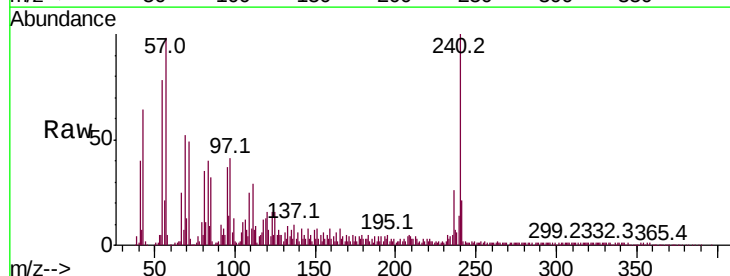


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

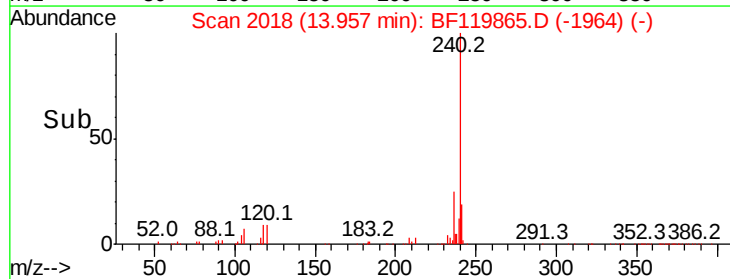
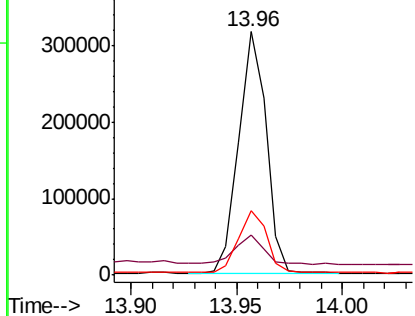


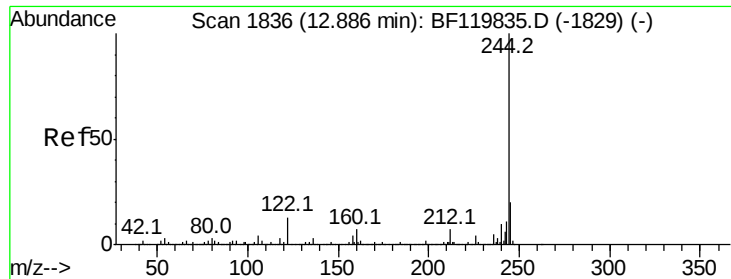
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.02 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Tgt Ion:240 Resp: 285143
 Ion Ratio Lower Upper
 240 100
 120 16.4 9.0 13.6#
 236 26.2 20.7 31.1



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

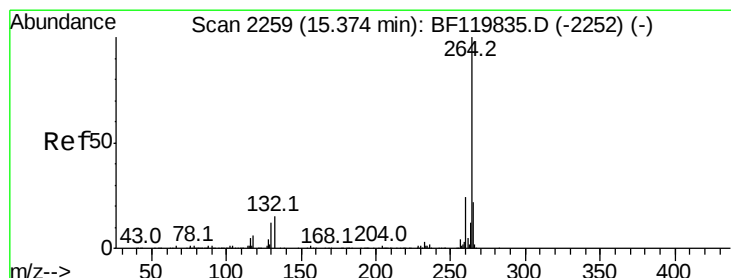
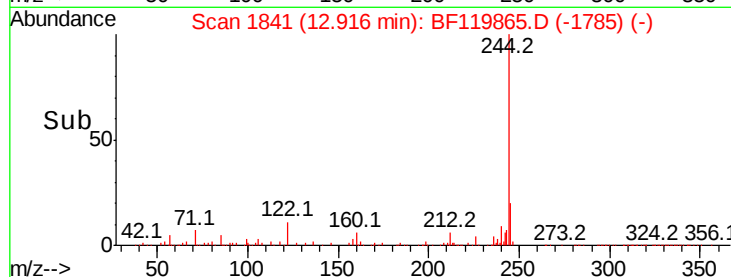
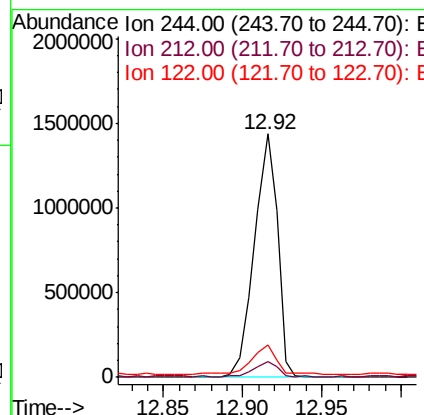
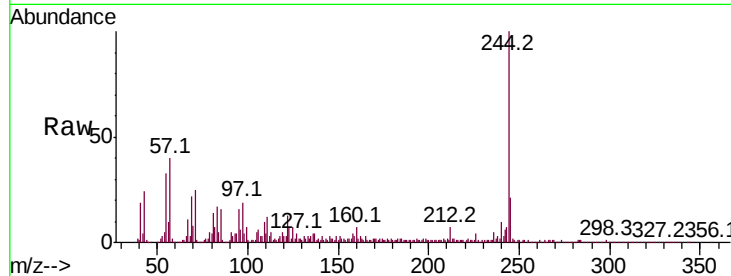




#79
 Terphenyl-d14
 Concen: 85.295 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.03 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:244 Resp: 1445414
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.1 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. 0.01 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Tgt Ion:264 Resp: 298911
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.0 17.6 26.4

