

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126891.D
 Acq On : 15 Feb 2022 15:02
 Operator : CG\JU
 Sample : N1528-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1D

Quant Time: Feb 16 00:17:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

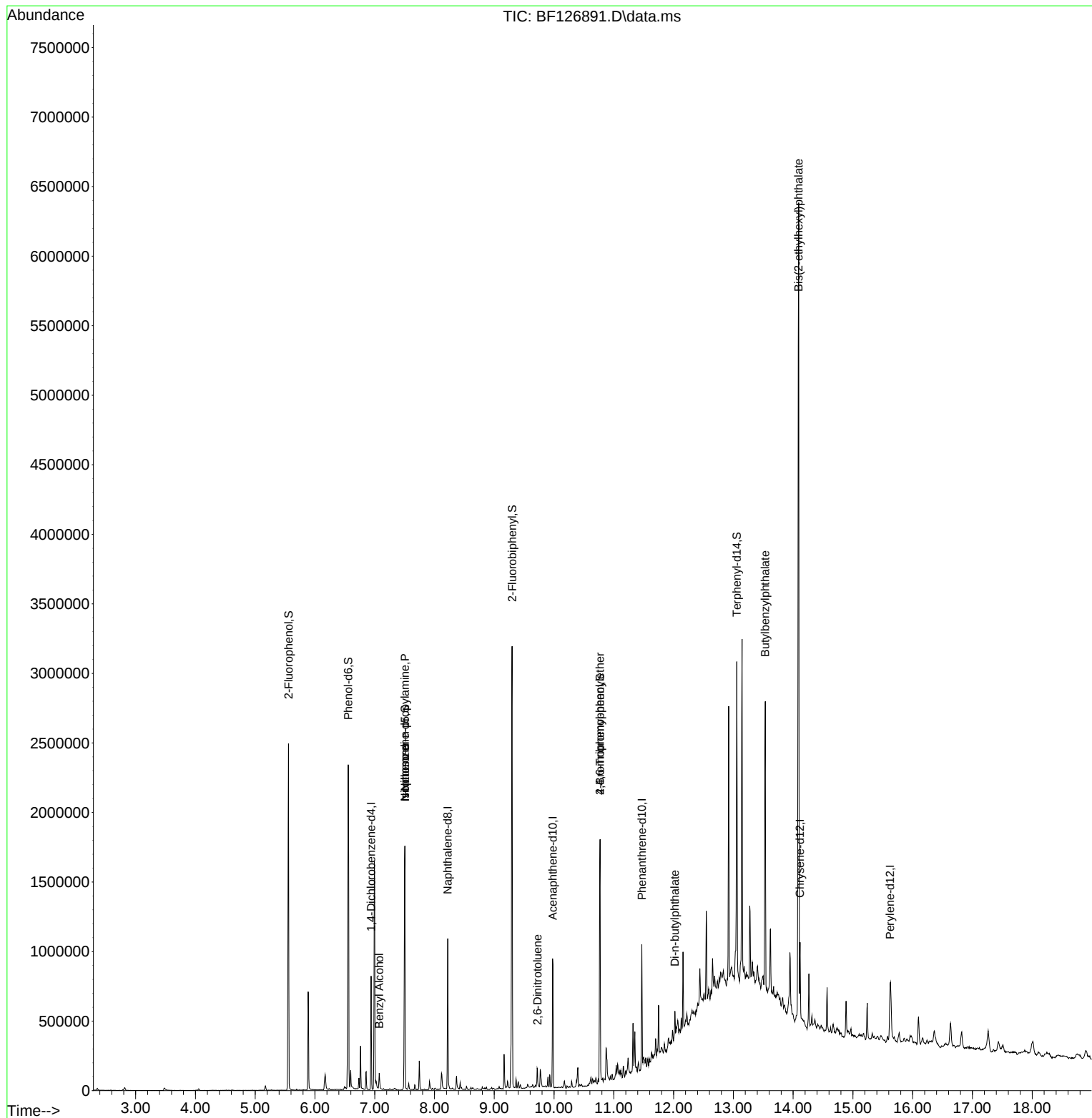
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	95943	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	387106	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	184500	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	268315	20.000	ng	0.00
76) Chrysene-d12	14.116	240	171857	20.000	ng	0.00
86) Perylene-d12	15.621	264	162074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	580237	93.114	ng	0.00
7) Phenol-d6	6.557	99	793970	94.381	ng	0.00
23) Nitrobenzene-d5	7.504	82	571960	68.173	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	180855	91.435	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	885603	72.254	ng	0.00
79) Terphenyl-d14	13.057	244	681040	56.810	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.075	79	20408	3.070	ng	97
19) n-Nitroso-di-n-propyla...	7.504	70	77220	14.495	ng	# 79
25) Isophorone	7.504	82	571954	40.690	ng	# 68
51) 2,6-Dinitrotoluene	9.722	165	10945	4.141	ng	# 23
67) 4-Bromophenyl-phenylether	10.769	248	11050	3.790	ng	# 1
74) Di-n-butylphthalate	12.022	149	90999	5.220	ng	98
80) Butylbenzylphthalate	13.533	149	417490	58.443	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	1587404	171.381	ng	# 99

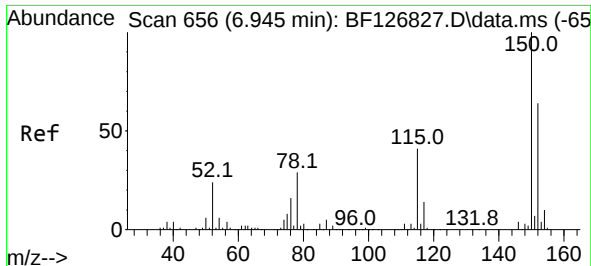
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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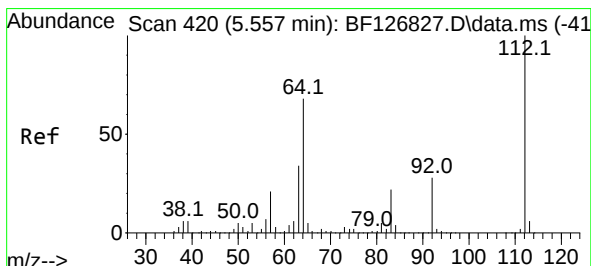
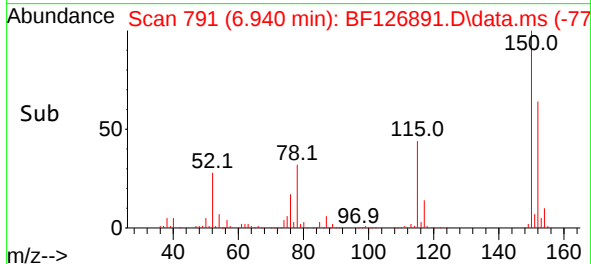
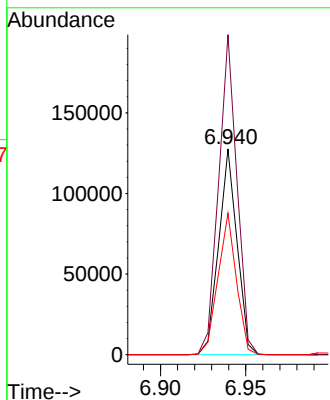
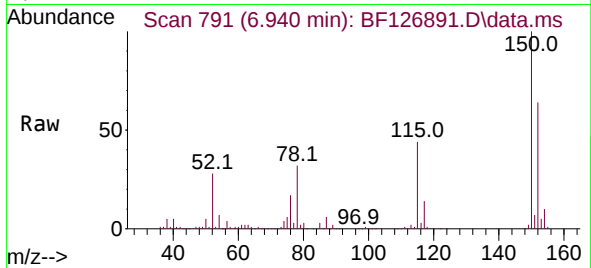




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

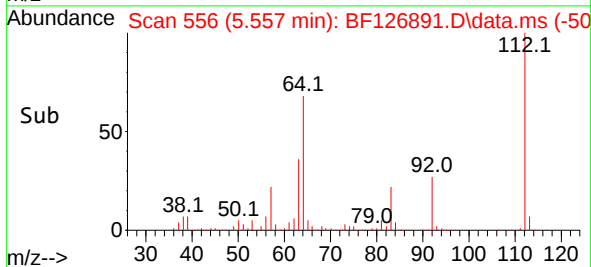
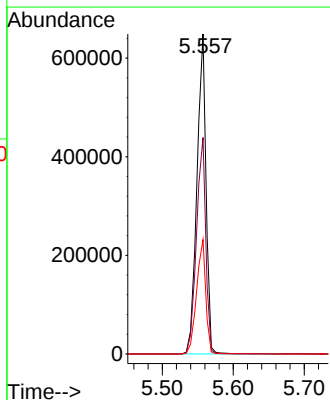
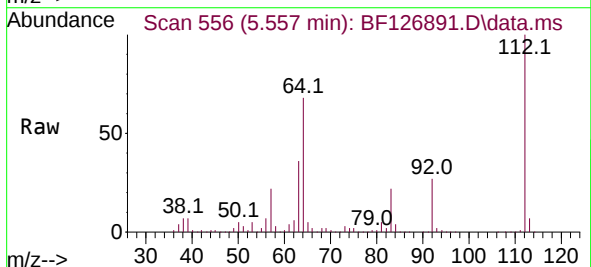
Instrument :
BNA_F
ClientSampleId :
CONC-1D

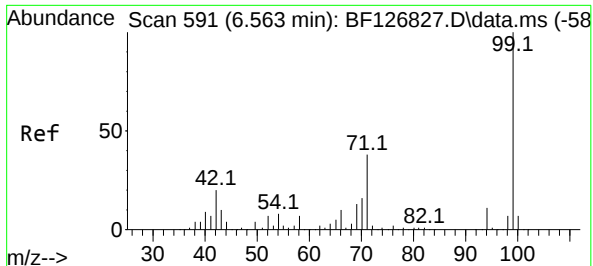
Tgt Ion:152 Resp: 95943
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 68.7 50.5 75.7



#5
2-Fluorophenol
Concen: 93.114 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.000 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

Tgt Ion:112 Resp: 580237
Ion Ratio Lower Upper
112 100
64 67.7 54.3 81.5
63 35.8 27.5 41.3

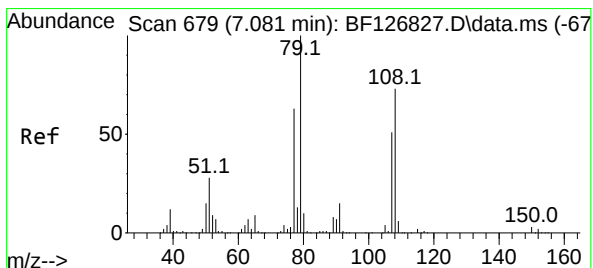
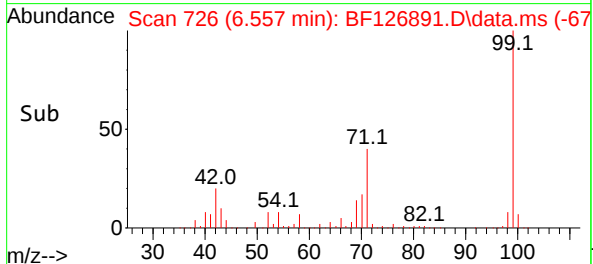
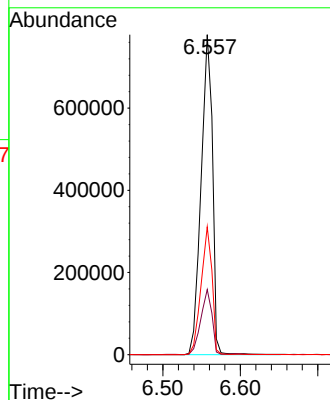
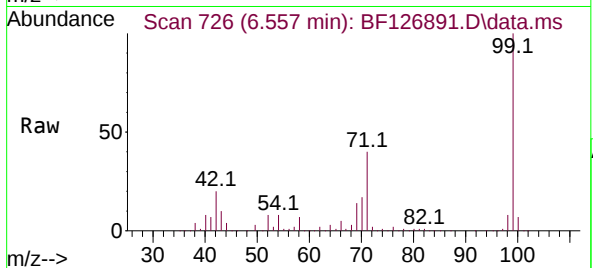




#7
Phenol-d6
Concen: 94.381 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

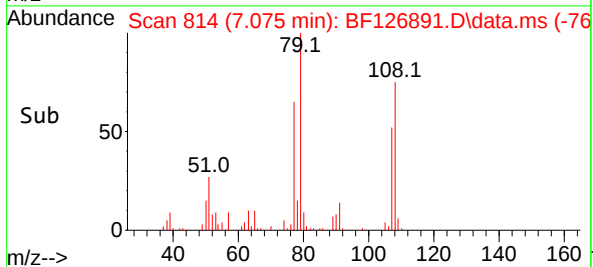
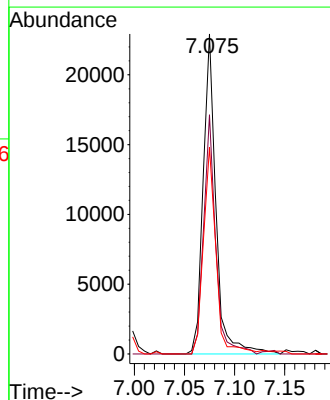
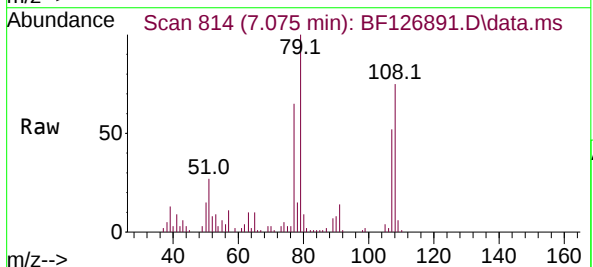
Instrument :
BNA_F
ClientSampleId :
CONC-1D

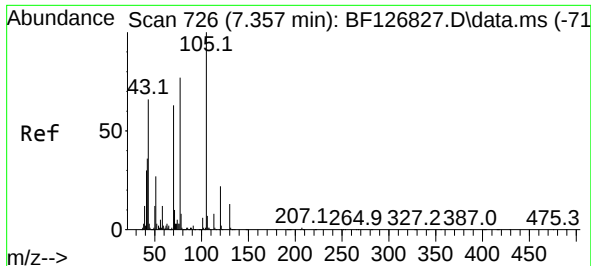
Tgt Ion: 99 Resp: 793970
Ion Ratio Lower Upper
99 100
42 20.3 15.8 23.6
71 40.0 30.6 45.8



#15
Benzyl Alcohol
Concen: 3.070 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

Tgt Ion: 79 Resp: 20408
Ion Ratio Lower Upper
79 100
108 74.8 58.1 87.1
77 64.6 50.0 75.0

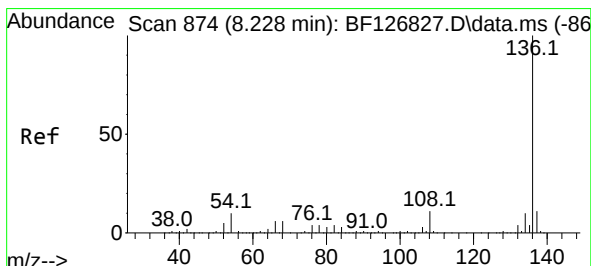
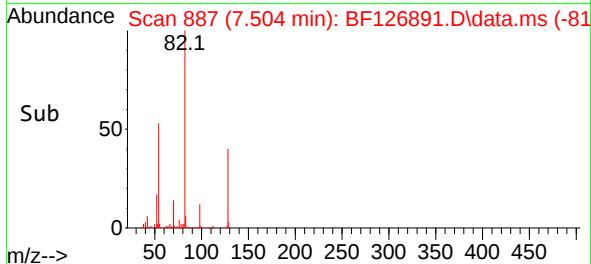
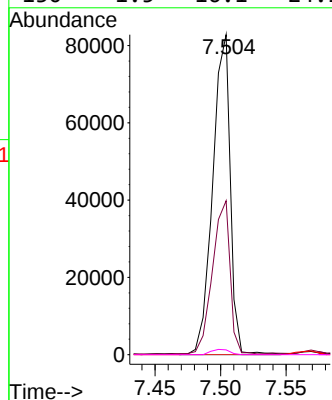
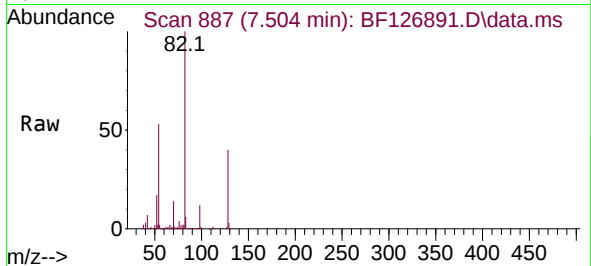




#19
n-Nitroso-di-n-propylamine
Concen: 14.495 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

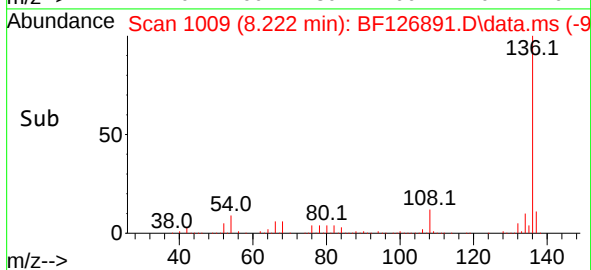
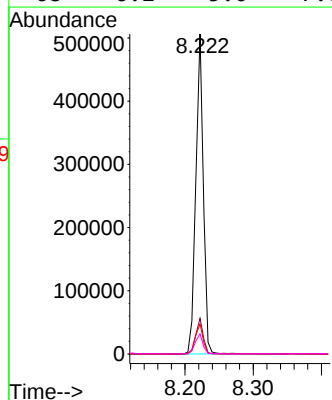
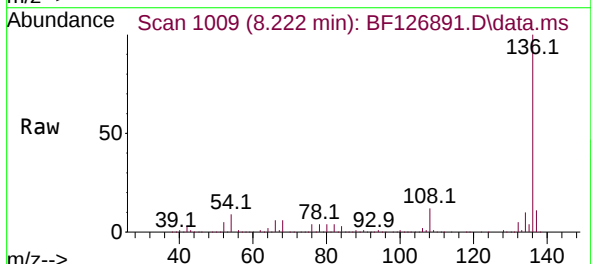
Instrument :
BNA_F
ClientSampleId :
CONC-1D

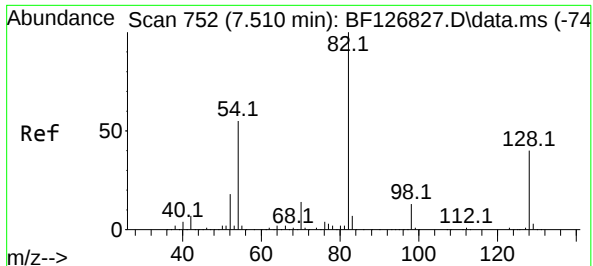
Tgt Ion: 70 Resp: 77220
Ion Ratio Lower Upper
70 100
42 48.1 46.3 69.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

Tgt Ion:136 Resp: 387106
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.4 8.0 12.0
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 68.173 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-1D

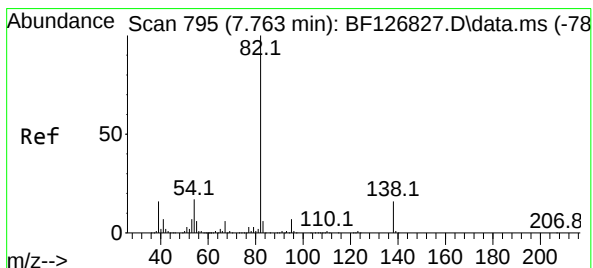
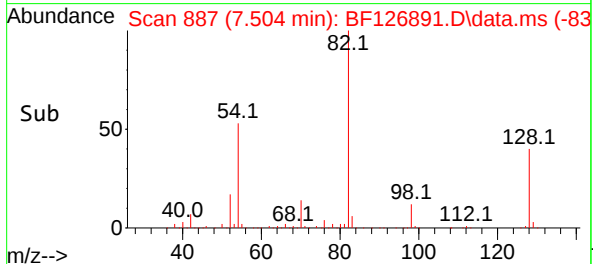
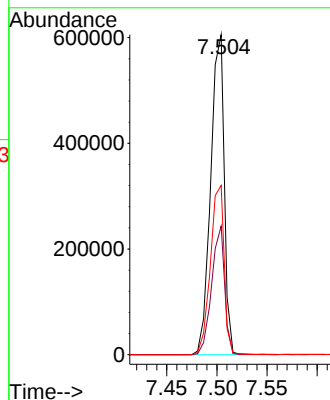
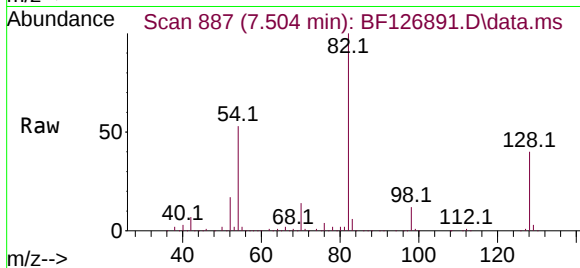
Tgt Ion: 82 Resp: 571960

Ion Ratio Lower Upper

82 100

128 40.2 31.6 47.4

54 52.9 43.7 65.5



#25

Isophorone

Concen: 40.690 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

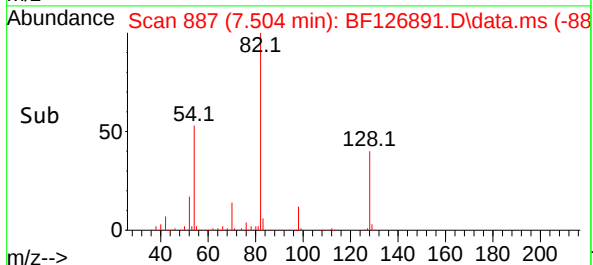
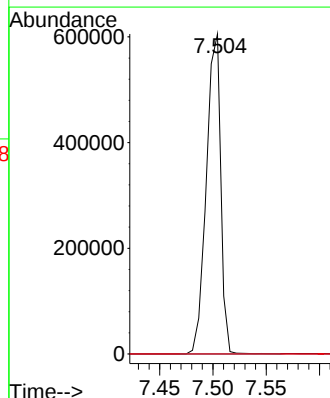
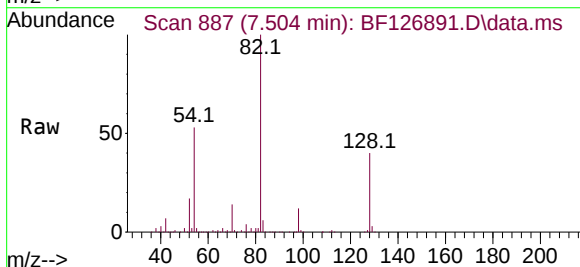
Tgt Ion: 82 Resp: 571954

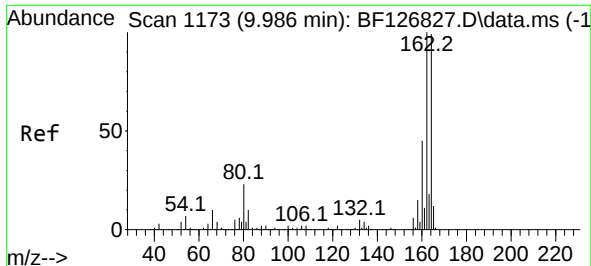
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-1D

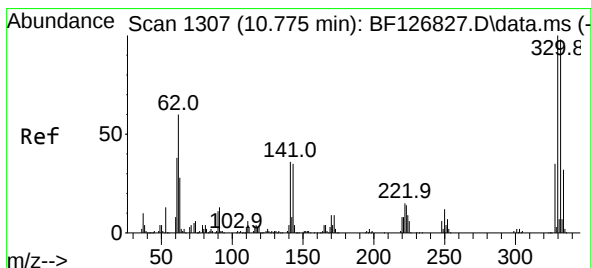
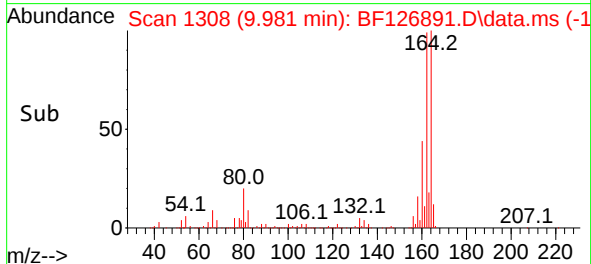
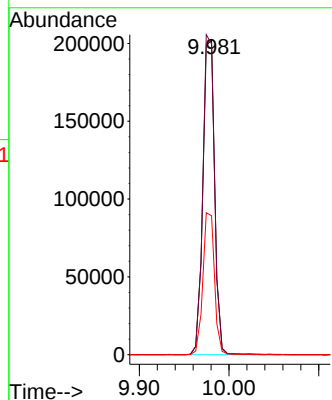
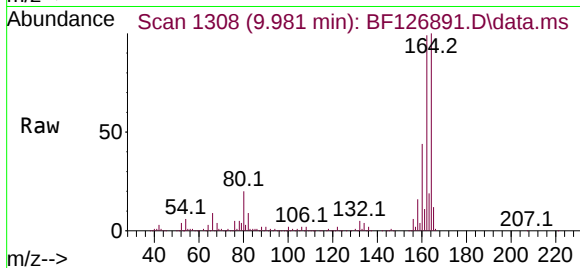
Tgt Ion:164 Resp: 184500

Ion Ratio Lower Upper

164 100

162 98.8 80.9 121.3

160 44.2 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 91.435 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

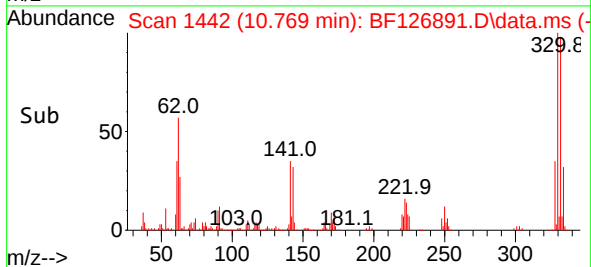
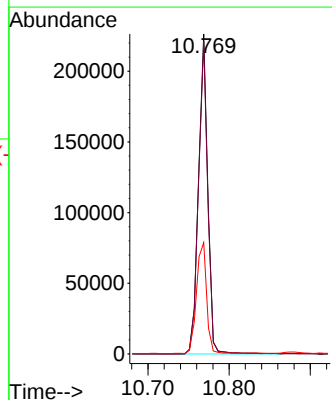
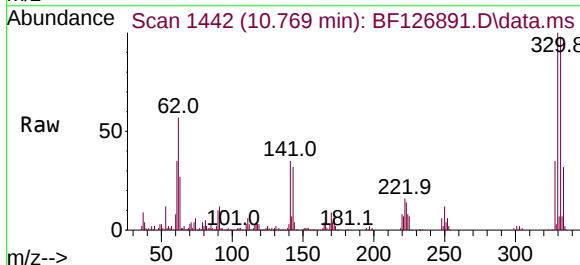
Tgt Ion:330 Resp: 180855

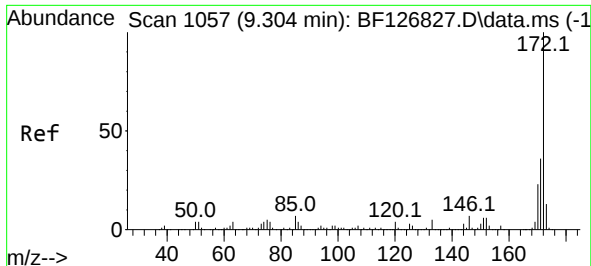
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 38.1 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 72.254 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-1D

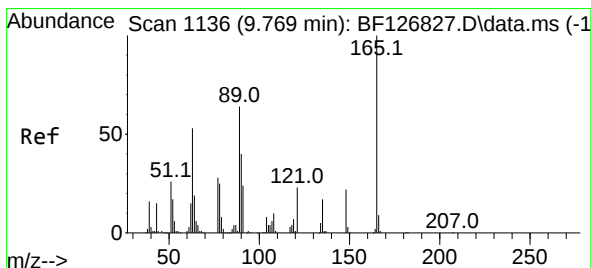
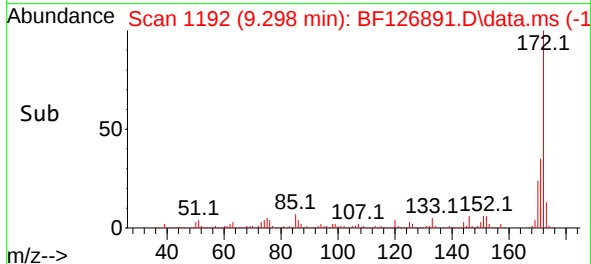
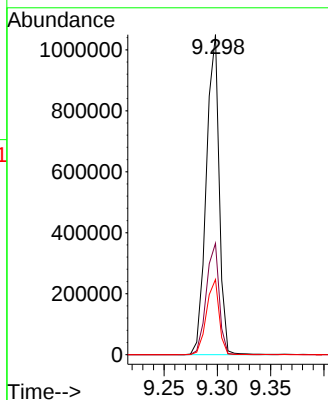
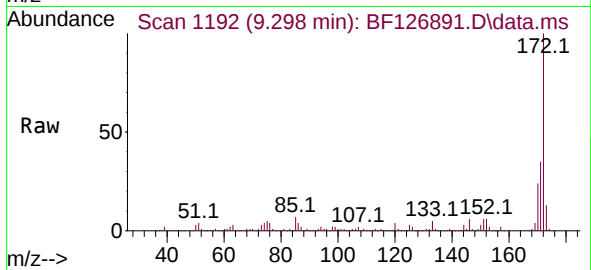
Tgt Ion:172 Resp: 885603

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 4.141 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.047 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

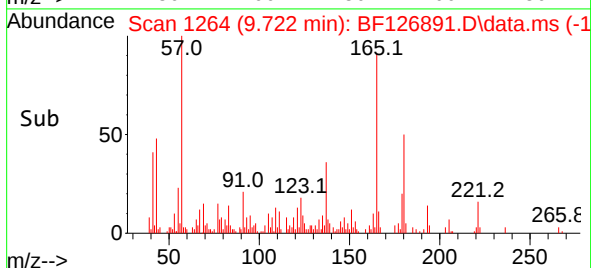
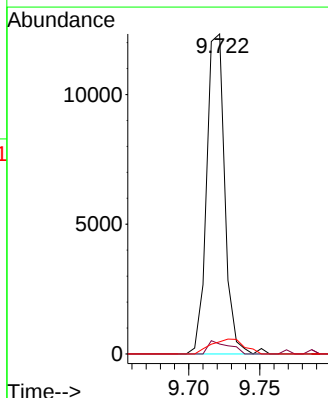
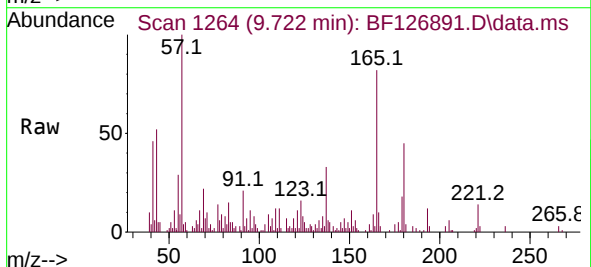
Tgt Ion:165 Resp: 10945

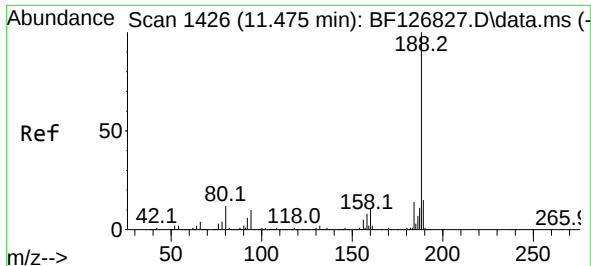
Ion Ratio Lower Upper

165 100

63 3.1 49.9 74.9#

89 3.8 51.0 76.4#

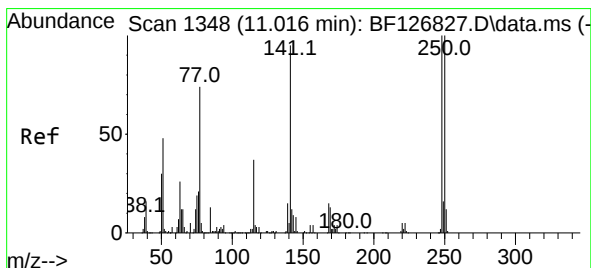
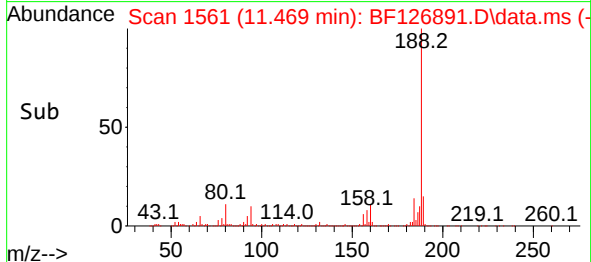
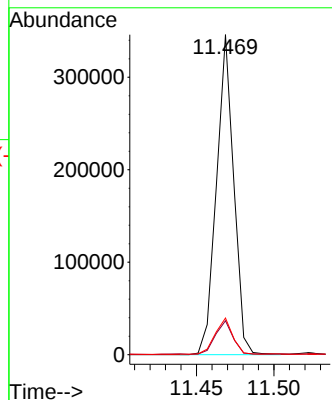
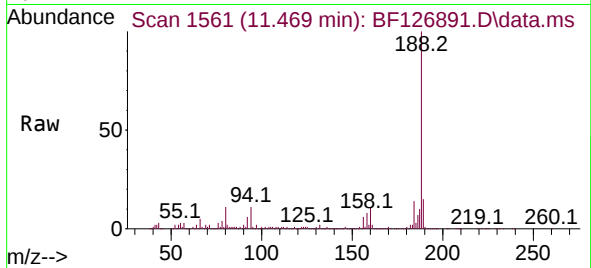




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

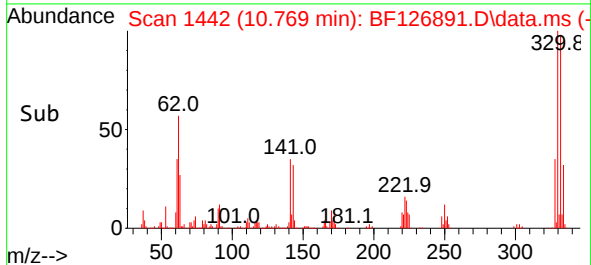
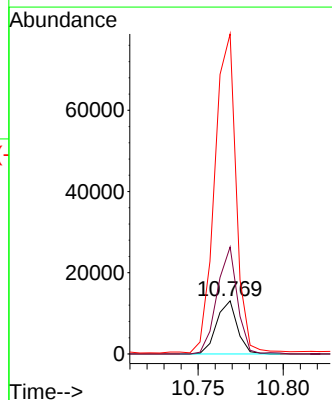
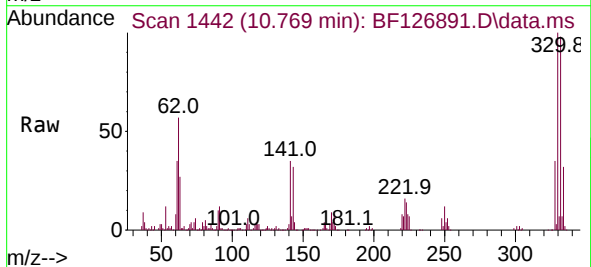
Instrument :
BNA_F
ClientSampleId :
CONC-1D

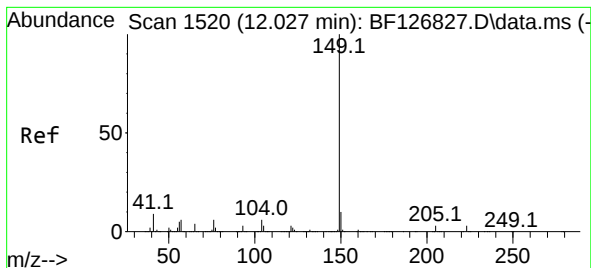
Tgt Ion:188 Resp: 268315
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.4 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126891.D
Acq: 15 Feb 2022 15:02

Tgt Ion:248 Resp: 11050
Ion Ratio Lower Upper
248 100
250 201.4 80.0 120.0#
141 601.9 75.6 113.4#





#74

Di-n-butylphthalate

Concen: 5.220 ng

RT: 12.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-1D

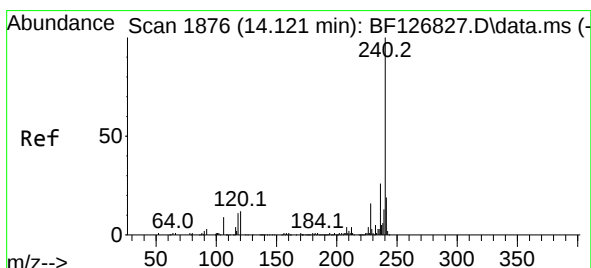
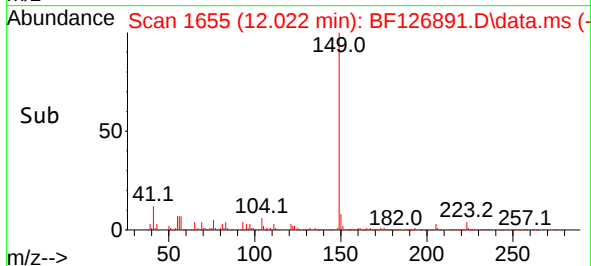
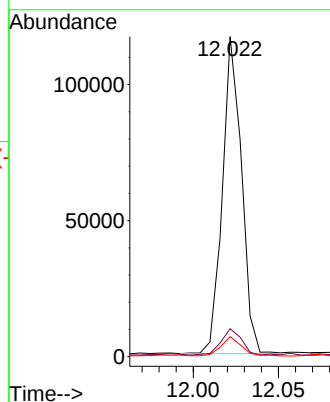
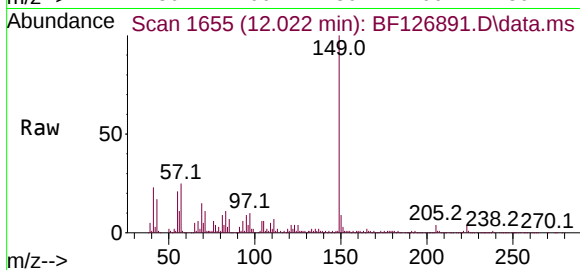
Tgt Ion:149 Resp: 90999

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

104 6.2 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF126891.D

Acq: 15 Feb 2022 15:02

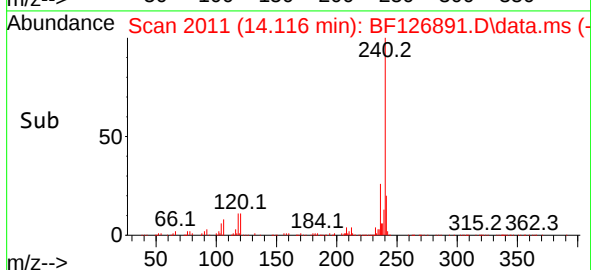
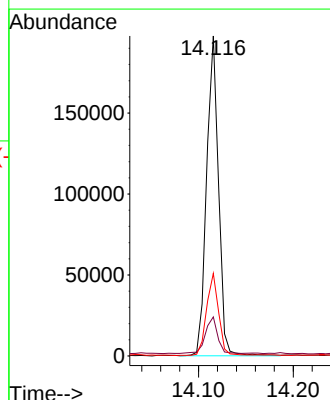
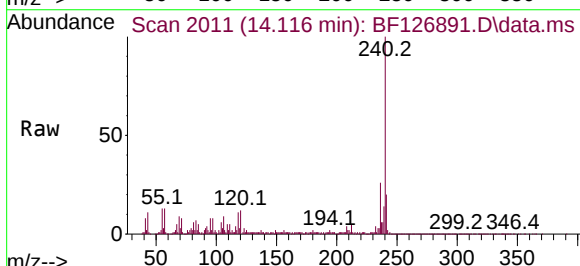
Tgt Ion:240 Resp: 171857

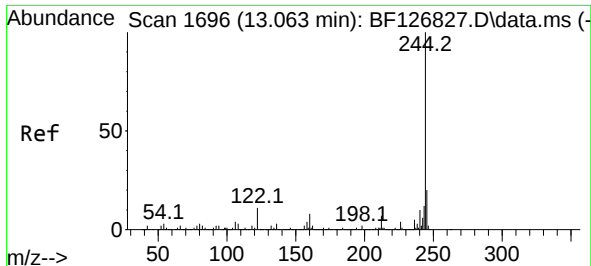
Ion Ratio Lower Upper

240 100

120 12.2 9.8 14.6

236 25.8 20.5 30.7

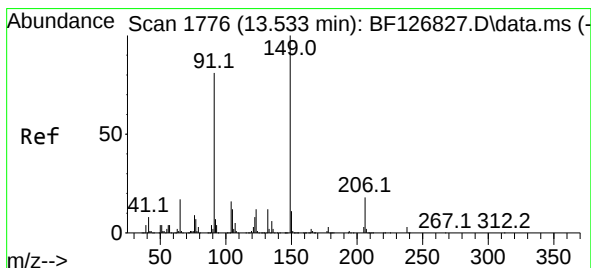
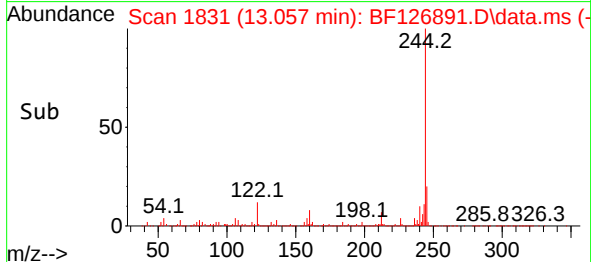
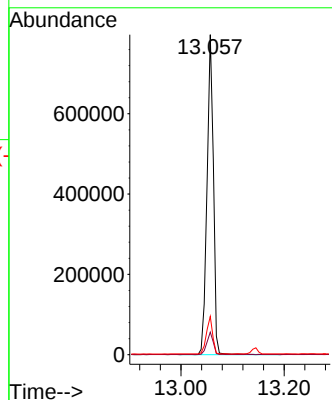
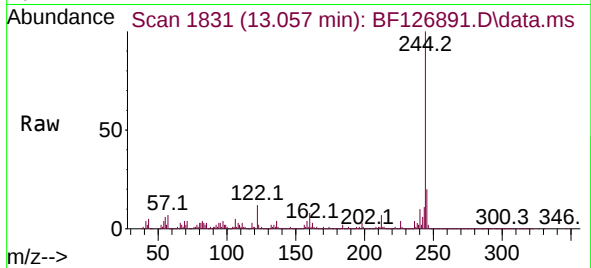




#79
 Terphenyl-d14
 Concen: 56.810 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126891.D
 Acq: 15 Feb 2022 15:02

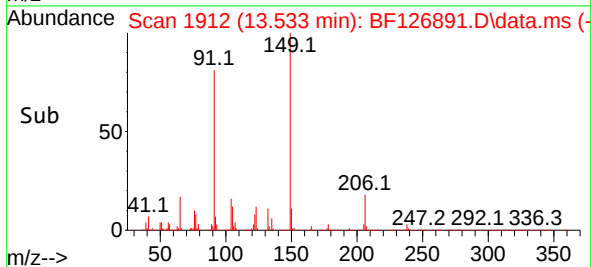
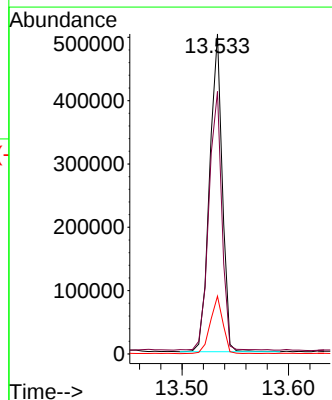
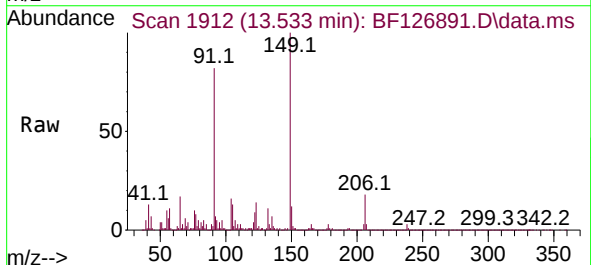
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1D

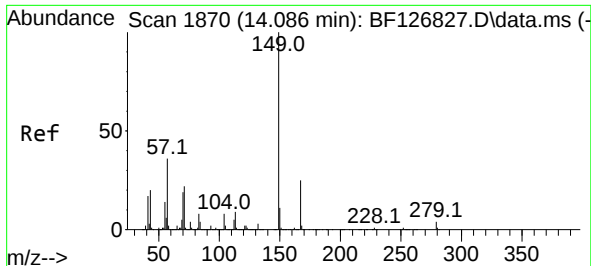
Tgt Ion:244 Resp: 681040
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 58.443 ng
 RT: 13.533 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: BF126891.D
 Acq: 15 Feb 2022 15:02

Tgt Ion:149 Resp: 417490
 Ion Ratio Lower Upper
 149 100
 91 82.0 64.7 97.1
 206 18.0 14.2 21.4

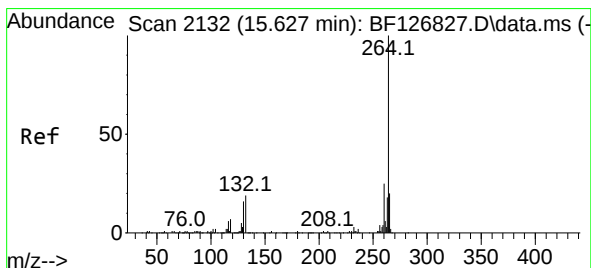
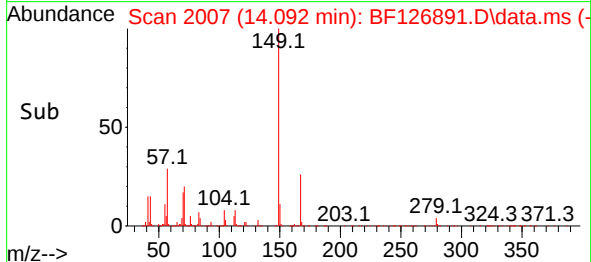
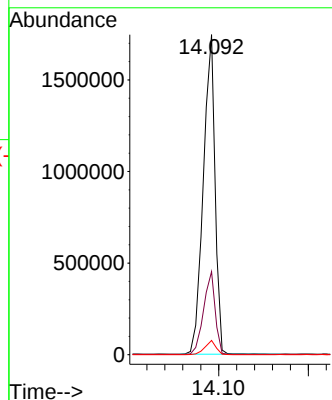
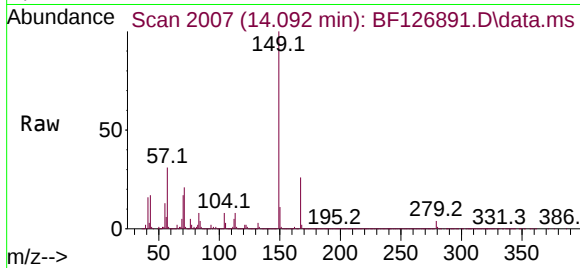




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 171.381 ng
 RT: 14.092 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF126891.D
 Acq: 15 Feb 2022 15:02

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1D

Tgt Ion:149 Resp: 1587404
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.3 30.5
 279 4.5 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126891.D
 Acq: 15 Feb 2022 15:02

Tgt Ion:264 Resp: 162074
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 20.9 15.9 23.9

