

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126893.D
 Acq On : 15 Feb 2022 15:58
 Operator : CG\JU
 Sample : N1528-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2C

Quant Time: Feb 16 00:17:51 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)

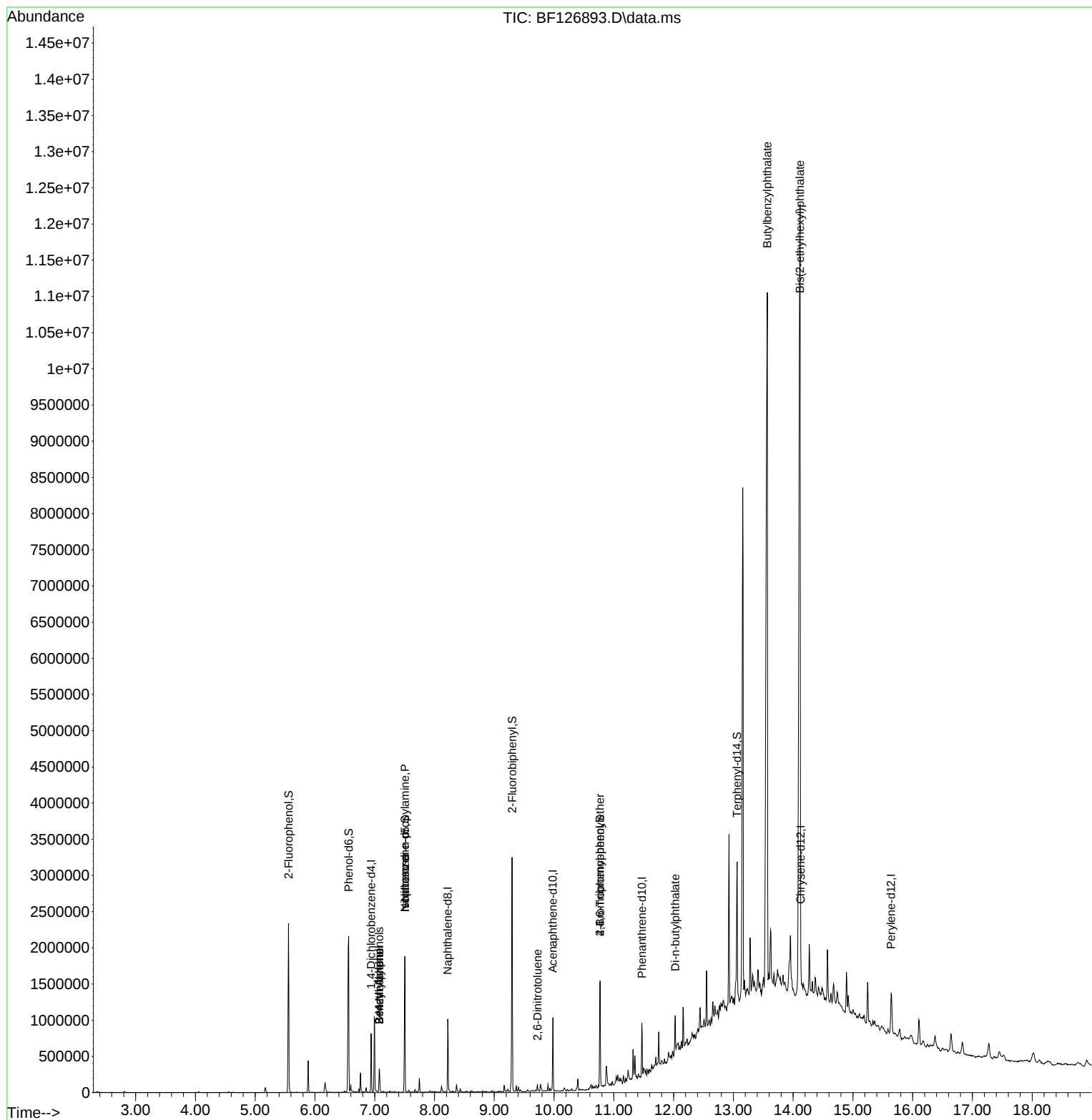
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	97926	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	385243	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	172007	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	241036	20.000	ng	0.00
76) Chrysene-d12	14.127	240	145125	20.000	ng	0.00
86) Perylene-d12	15.639	264	127226	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	541689	85.168	ng	0.00
7) Phenol-d6	6.563	99	745681	86.846	ng	0.00
23) Nitrobenzene-d5	7.504	82	534999	64.076	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	142698	77.383	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	804540	70.408	ng	0.00
79) Terphenyl-d14	13.063	244	595424	58.817	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.075	79	63535	9.363	ng	99
17) 2-Methylphenol	7.075	107	32272	5.448	ng	# 11
19) n-Nitroso-di-n-propyla...	7.504	70	72790	13.387	ng	# 77
20) 3+4-Methylphenols	7.075	107	32271	4.247	ng	# 1
25) Isophorone	7.504	82	534991	38.245	ng	# 68
51) 2,6-Dinitrotoluene	9.722	165	6531	2.650	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	8566	3.270	ng	# 1
74) Di-n-butylphthalate	12.028	149	249113	15.908	ng	99
80) Butylbenzylphthalate	13.569	149	4176721	692.388	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.116	149	5191500	663.734	ng	# 89

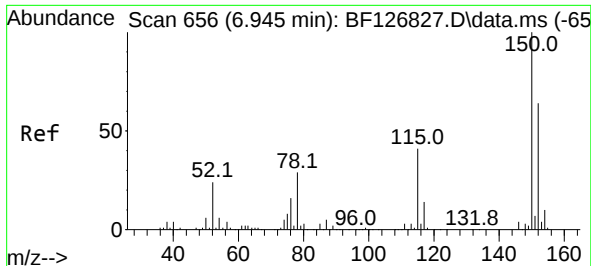
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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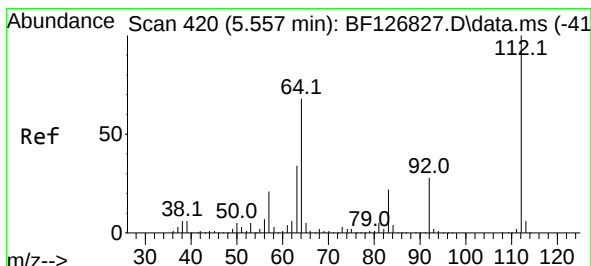
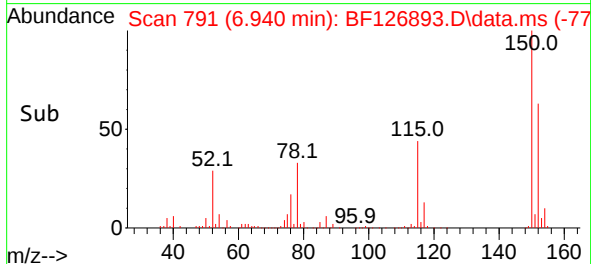
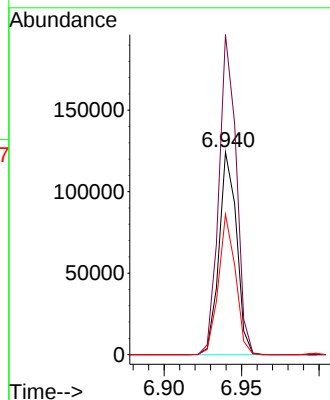
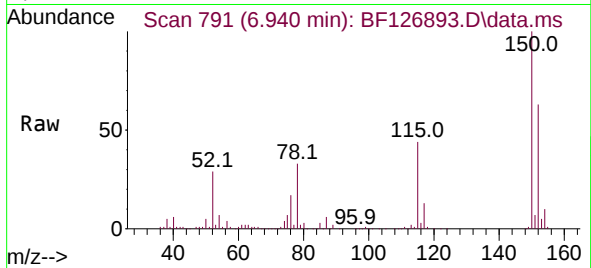




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

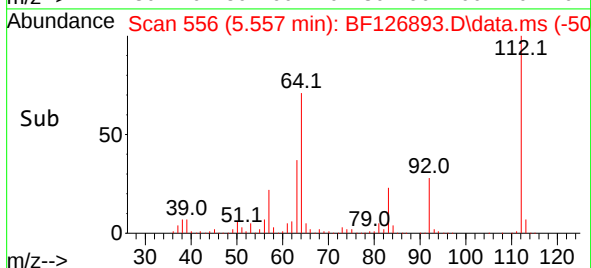
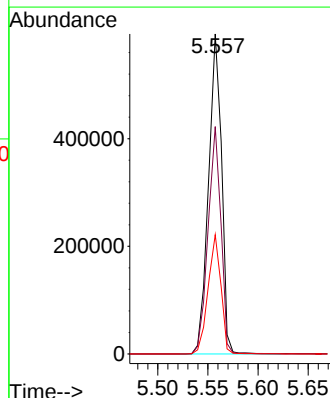
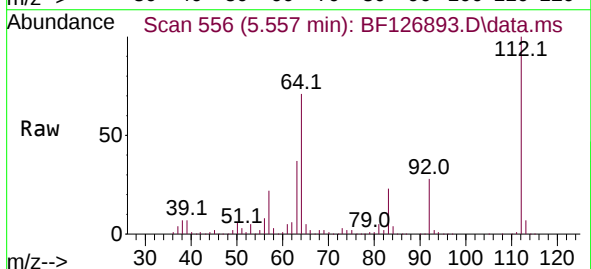
Instrument :
BNA_F
ClientSampleId :
CONC-2C

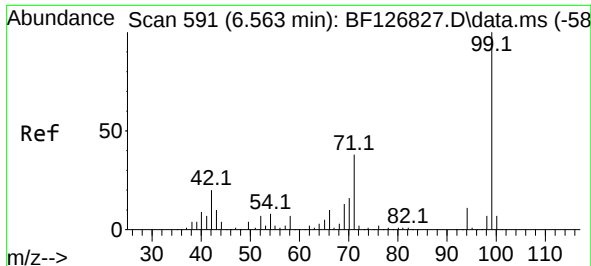
Tgt Ion:152 Resp: 97926
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 69.3 50.5 75.7



#5
2-Fluorophenol
Concen: 85.168 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.000 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

Tgt Ion:112 Resp: 541689
Ion Ratio Lower Upper
112 100
64 71.1 54.3 81.5
63 37.3 27.5 41.3

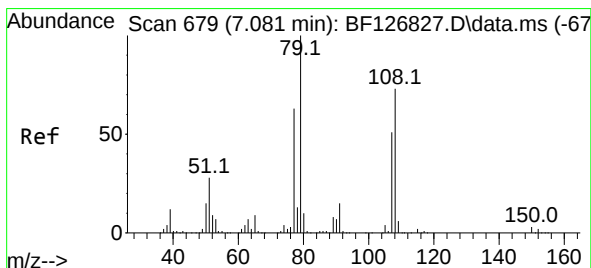
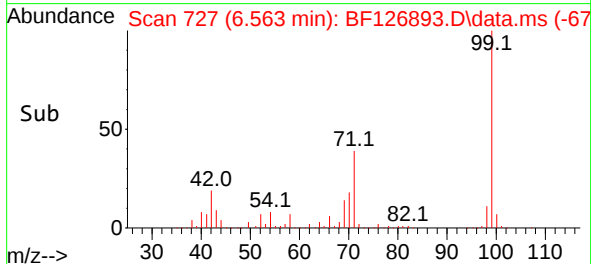
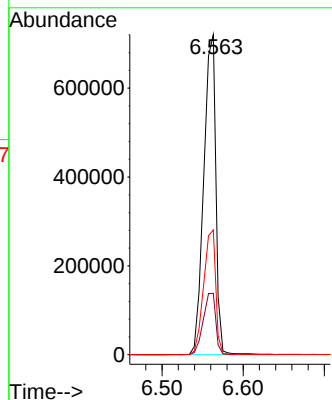
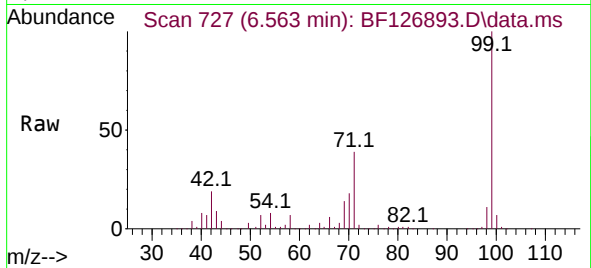




#7
Phenol-d6
Concen: 86.846 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

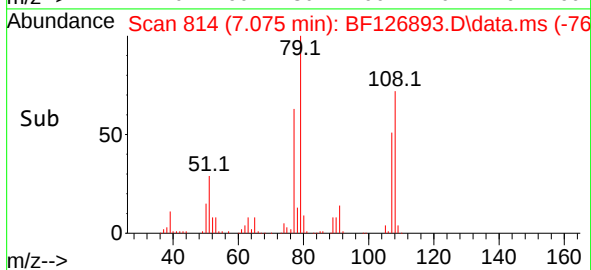
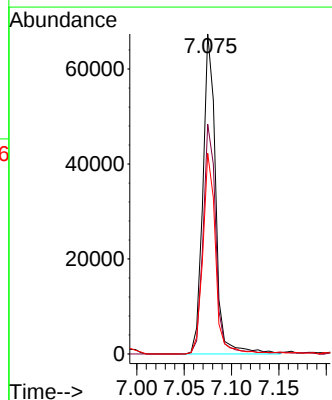
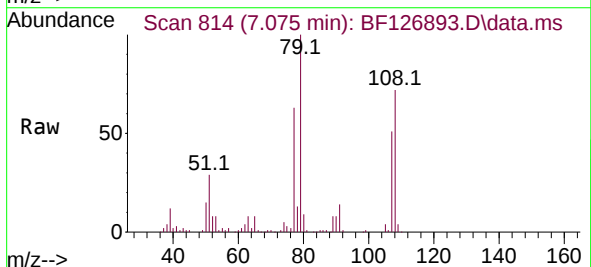
Instrument :
BNA_F
ClientSampleId :
CONC-2C

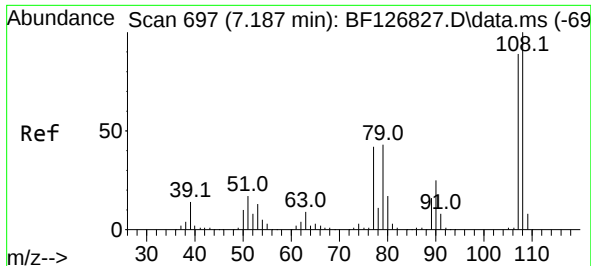
Tgt Ion: 99 Resp: 745681
Ion Ratio Lower Upper
99 100
42 19.2 15.8 23.6
71 39.0 30.6 45.8



#15
Benzyl Alcohol
Concen: 9.363 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

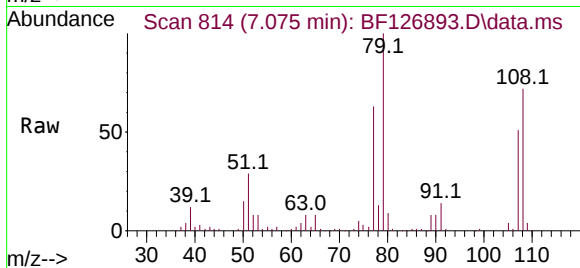
Tgt Ion: 79 Resp: 63535
Ion Ratio Lower Upper
79 100
108 71.8 58.1 87.1
77 62.7 50.0 75.0



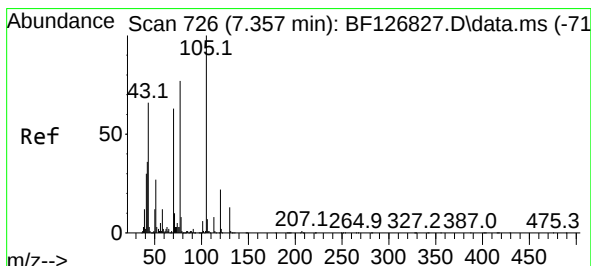
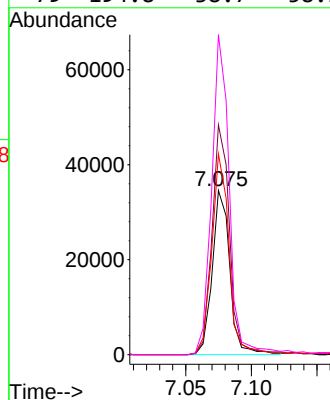
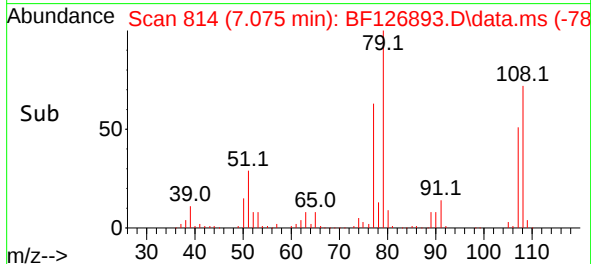


#17
2-Methylphenol
Concen: 5.448 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.112 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

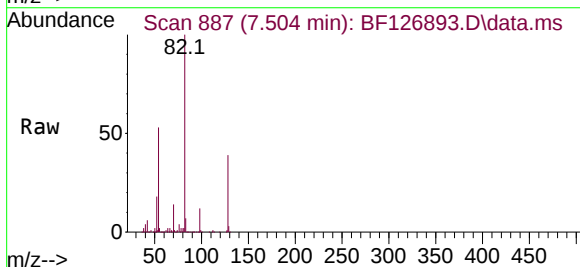
Instrument :
BNA_F
ClientSampleId :
CONC-2C



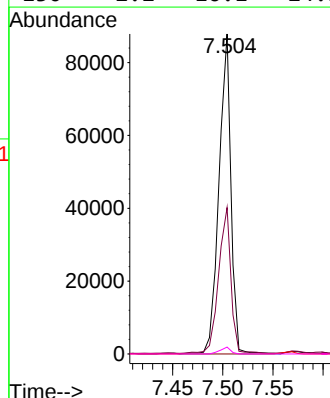
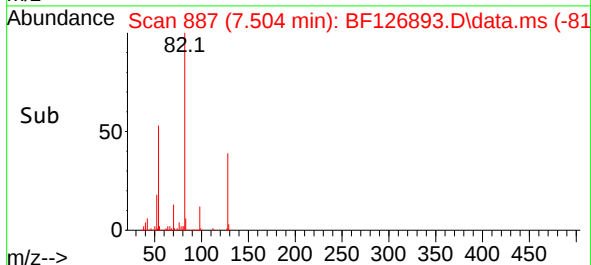
Tgt Ion:	107	Resp:	32272
Ion	Ratio	Lower	Upper
107	100		
108	139.9	90.0	135.0#
77	122.1	38.0	57.0#
79	194.8	38.7	58.1#

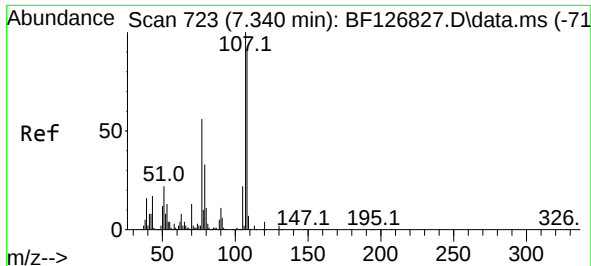


#19
n-Nitroso-di-n-propylamine
Concen: 13.387 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58



Tgt Ion:	70	Resp:	72790
Ion	Ratio	Lower	Upper
70	100		
42	45.8	46.3	69.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#

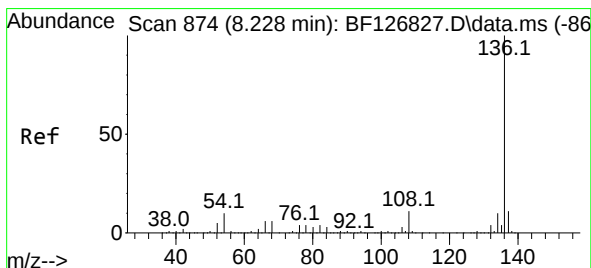
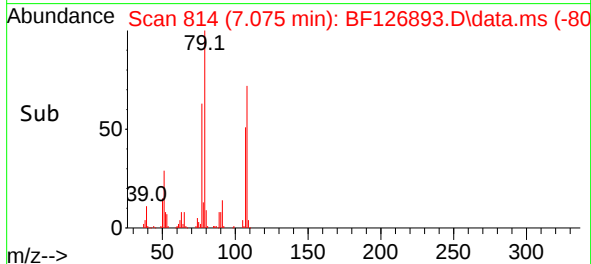
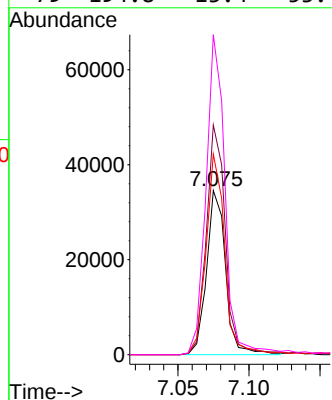
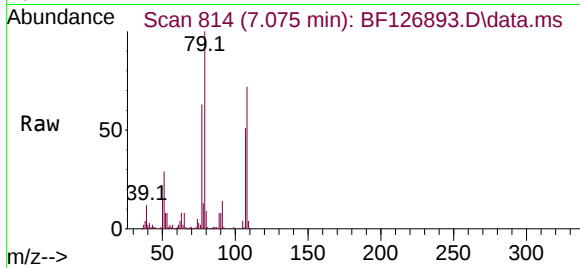




#20
3+4-Methylphenols
Concen: 4.247 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

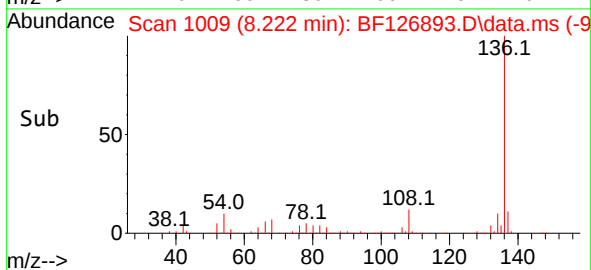
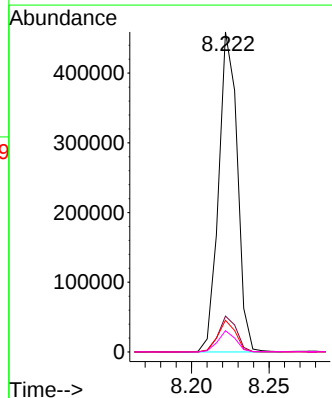
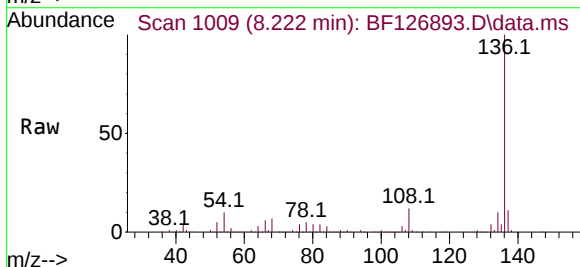
Instrument :
BNA_F
ClientSampleId :
CONC-2C

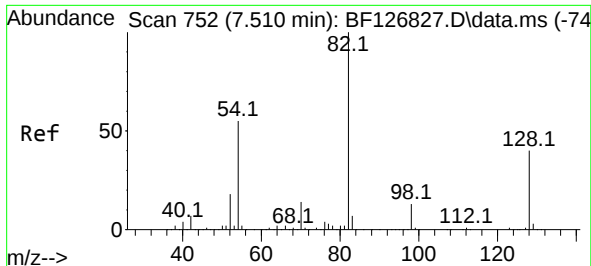
Tgt Ion:107	Resp:	32271
Ion	Ratio	Lower Upper
107	100	
108	139.9	70.6 110.6#
77	122.1	35.6 75.6#
79	194.8	13.4 53.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

Tgt Ion:136	Resp:	385243
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 12.8
54	9.9	8.0 12.0
68	6.6	5.0 7.6

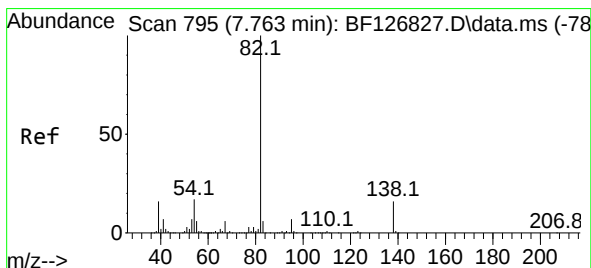
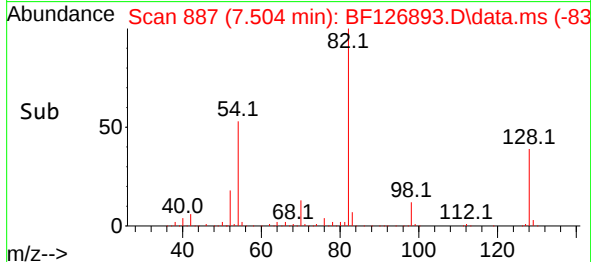
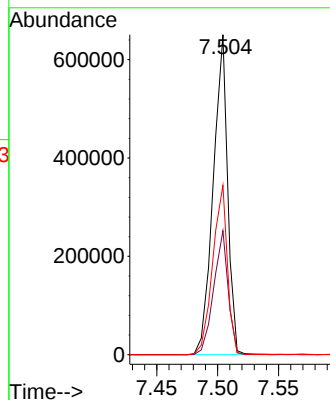
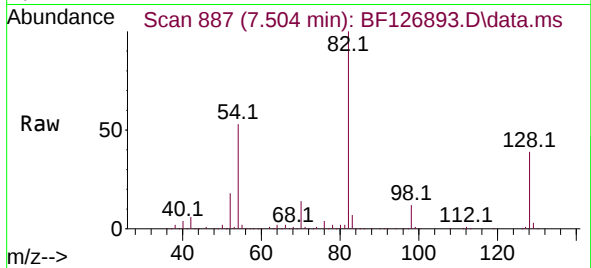




#23
Nitrobenzene-d5
Concen: 64.076 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

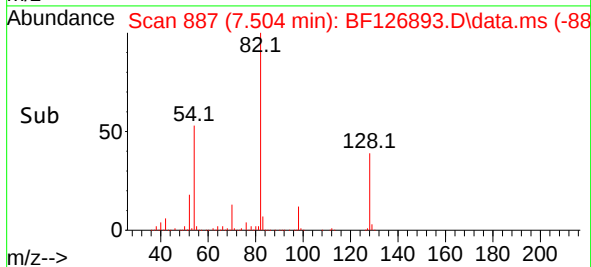
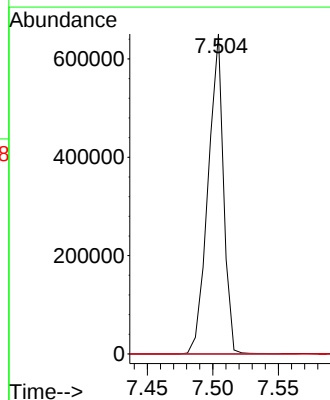
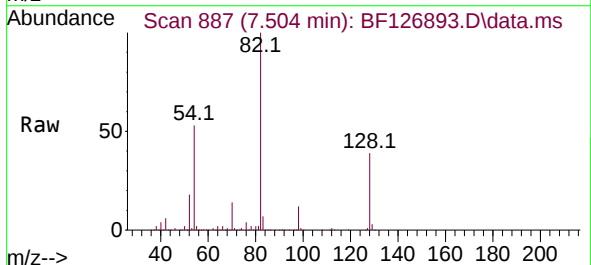
Instrument :
BNA_F
ClientSampleId :
CONC-2C

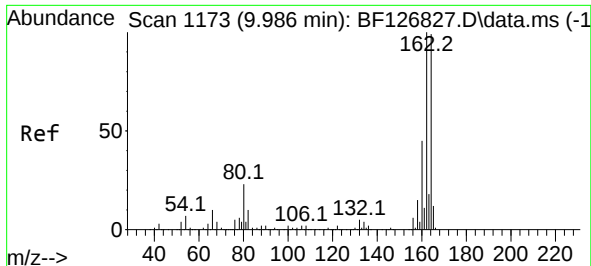
Tgt Ion: 82 Resp: 534999
Ion Ratio Lower Upper
82 100
128 38.8 31.6 47.4
54 52.9 43.7 65.5



#25
Isophorone
Concen: 38.245 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.259 min
Lab File: BF126893.D
Acq: 15 Feb 2022 15:58

Tgt Ion: 82 Resp: 534991
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: BF126893.D

Acq: 15 Feb 2022 15:58

Instrument :

BNA_F

ClientSampleId :

CONC-2C

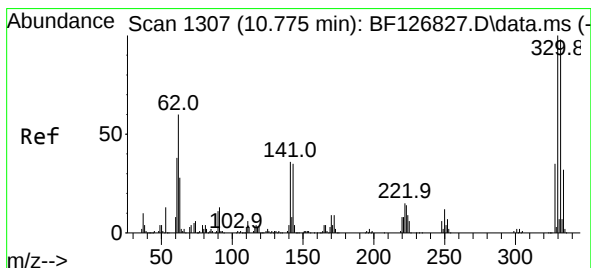
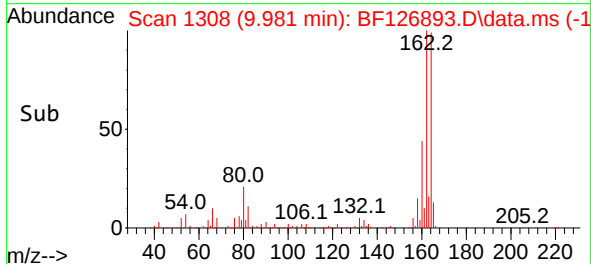
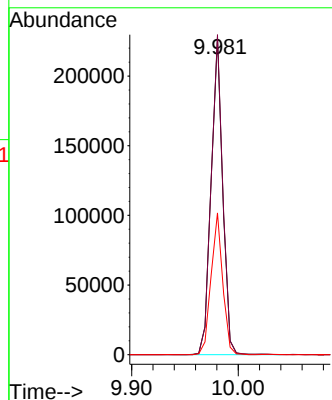
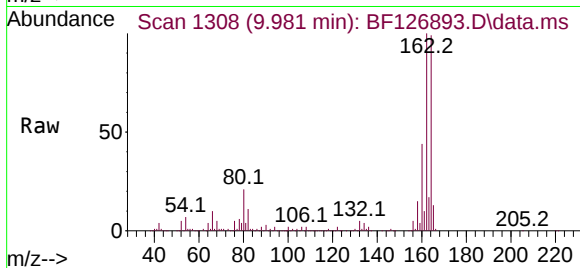
Tgt Ion:164 Resp: 172007

Ion Ratio Lower Upper

164 100

162 100.7 80.9 121.3

160 44.6 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 77.383 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

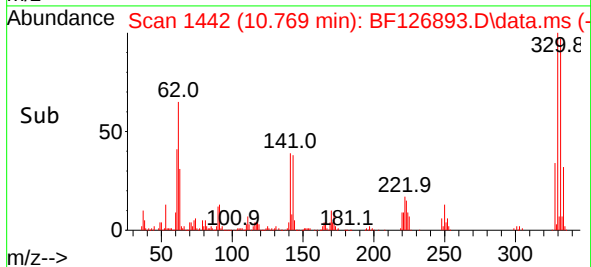
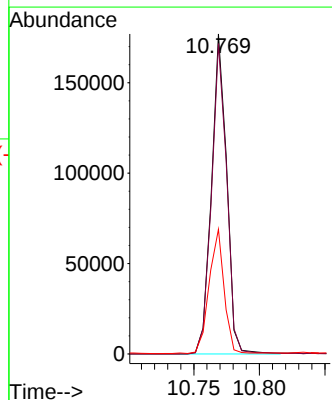
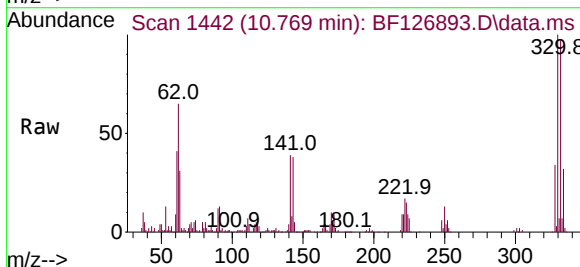
Tgt Ion:330 Resp: 142698

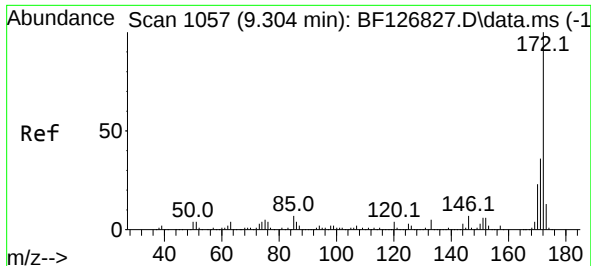
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 38.8 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 70.408 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

Instrument :

BNA_F

ClientSampleId :

CONC-2C

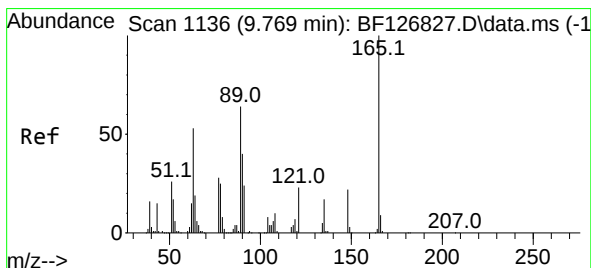
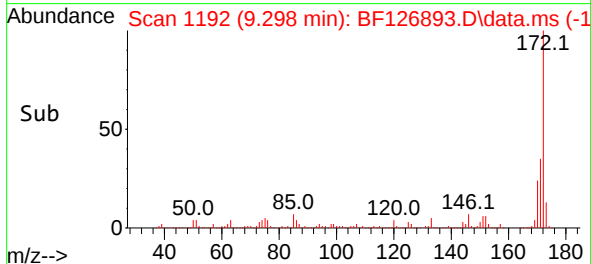
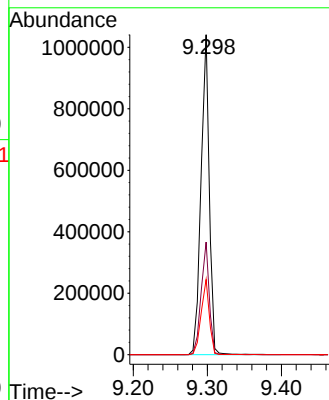
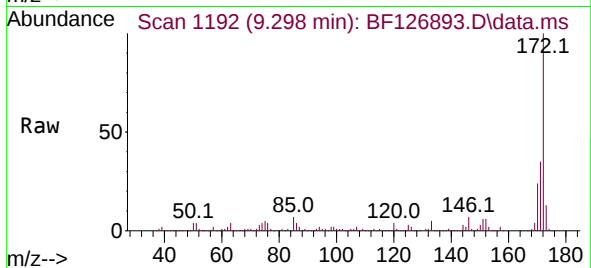
Tgt Ion:172 Resp: 804540

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 2.650 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.047 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

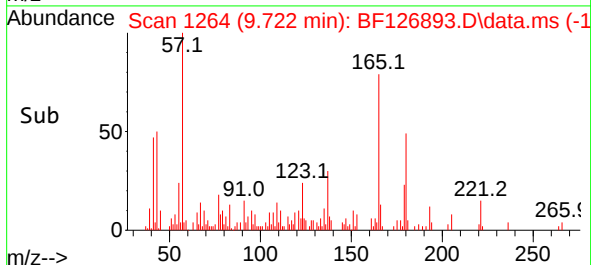
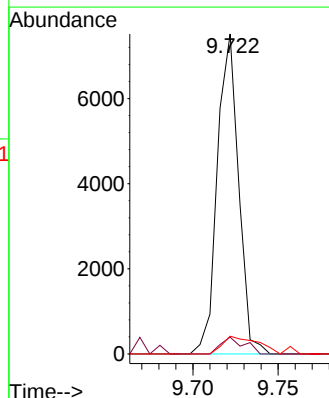
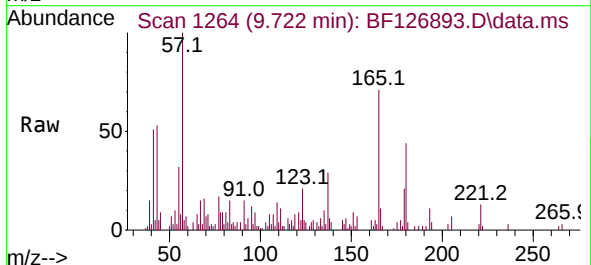
Tgt Ion:165 Resp: 6531

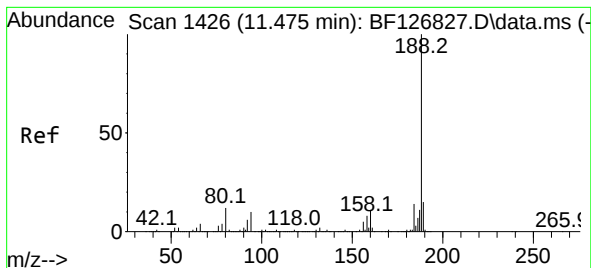
Ion Ratio Lower Upper

165 100

63 5.2 49.9 74.9#

89 5.5 51.0 76.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

Instrument :

BNA_F

ClientSampleId :

CONC-2C

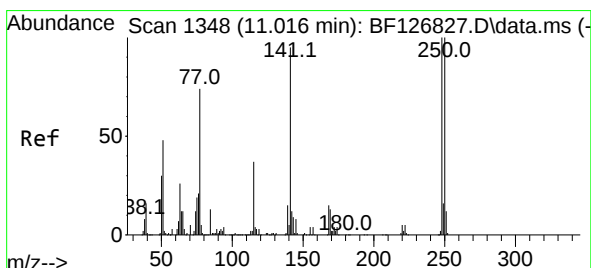
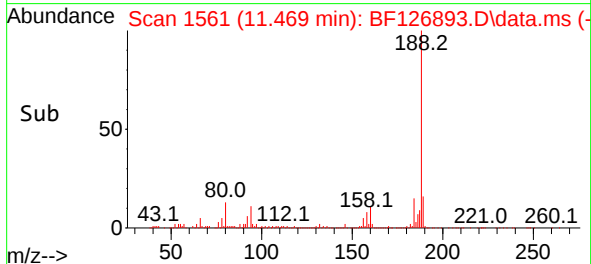
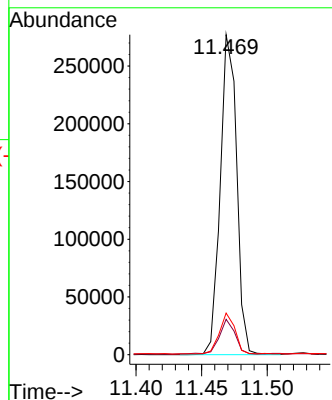
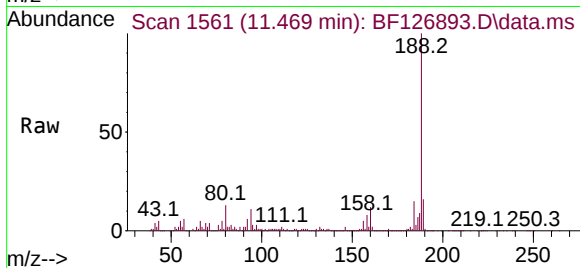
Tgt Ion:188 Resp: 241036

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

80 13.0 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 3.270 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

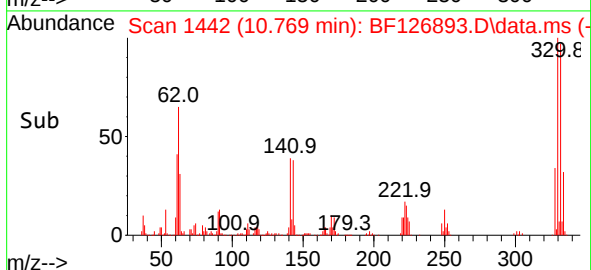
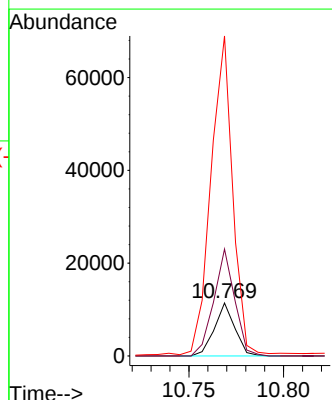
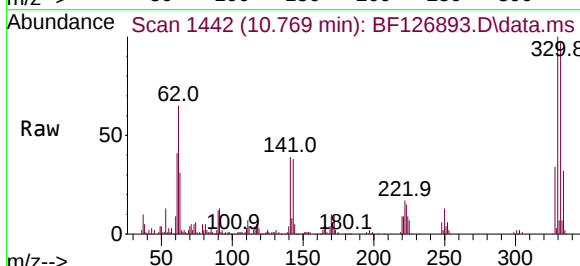
Tgt Ion:248 Resp: 8566

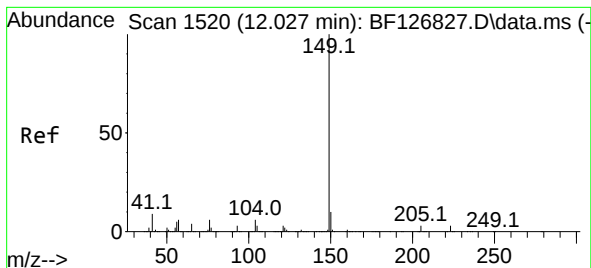
Ion Ratio Lower Upper

248 100

250 201.4 80.0 120.0#

141 603.3 75.6 113.4#





#74

Di-n-butylphthalate

Concen: 15.908 ng

RT: 12.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

Instrument :

BNA_F

ClientSampleId :

CONC-2C

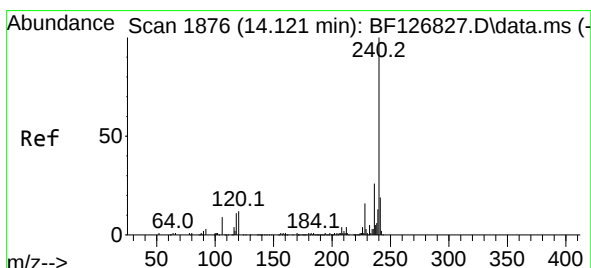
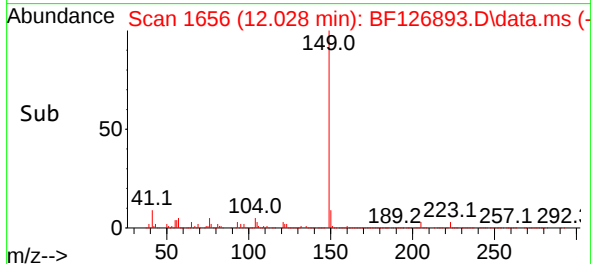
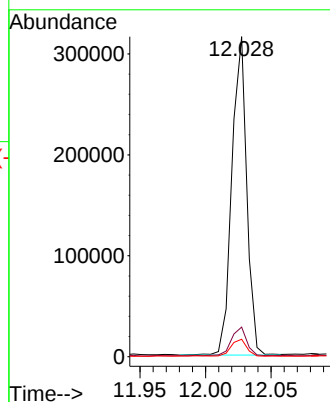
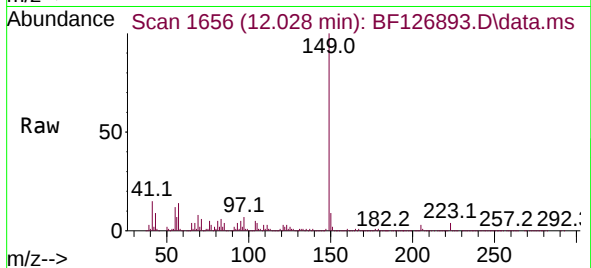
Tgt Ion:149 Resp: 249113

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.5 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF126893.D

Acq: 15 Feb 2022 15:58

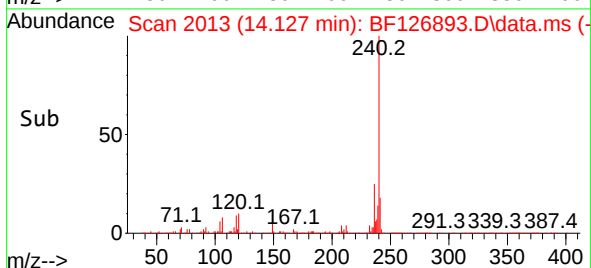
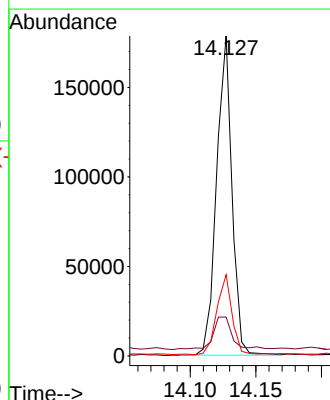
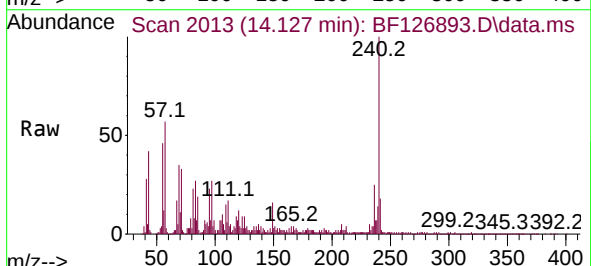
Tgt Ion:240 Resp: 145125

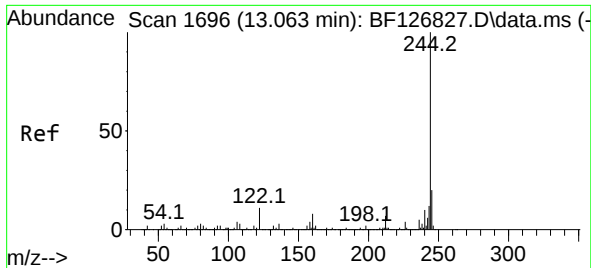
Ion Ratio Lower Upper

240 100

120 12.2 9.8 14.6

236 25.4 20.5 30.7

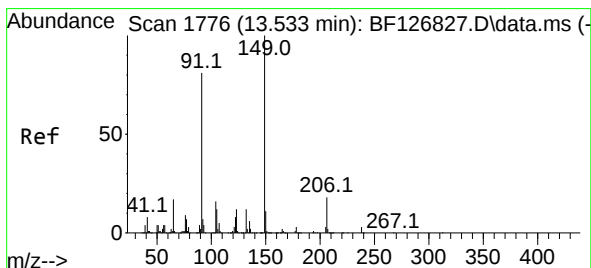
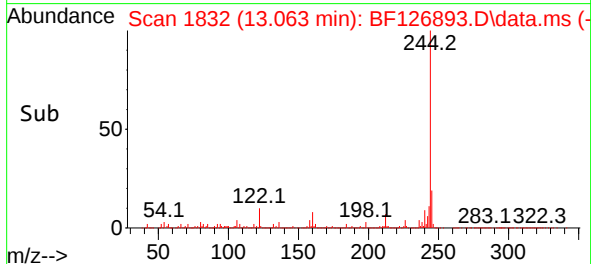
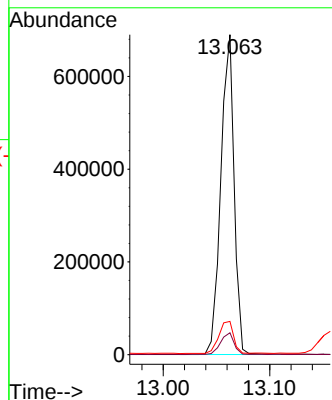
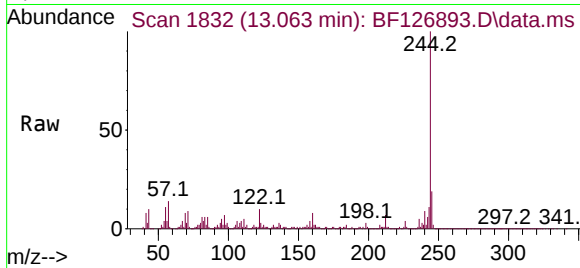




#79
 Terphenyl-d14
 Concen: 58.817 ng
 RT: 13.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126893.D
 Acq: 15 Feb 2022 15:58

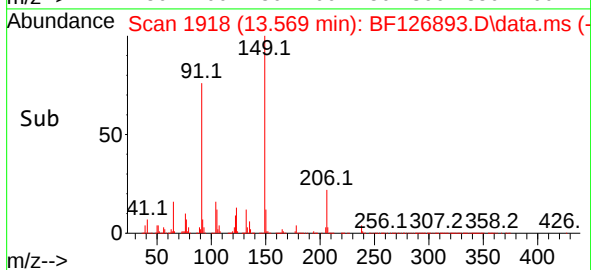
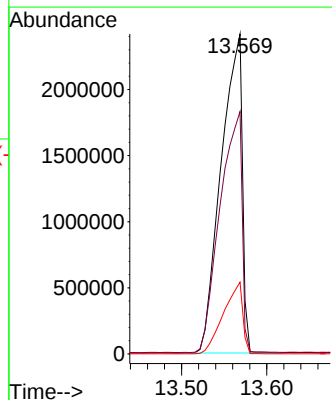
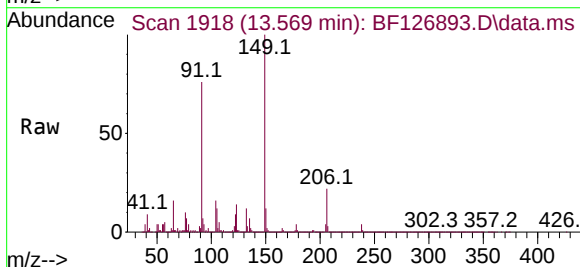
Instrument :
 BNA_F
 ClientSampleId :
 CONC-2C

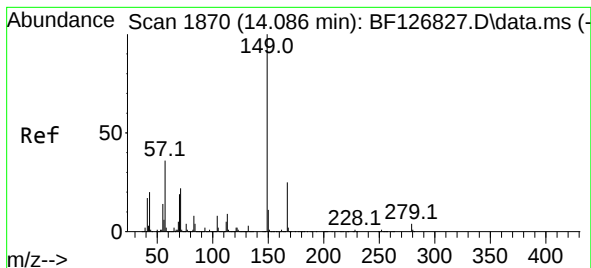
Tgt Ion:244 Resp: 595424
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 692.388 ng
 RT: 13.569 min Scan# 1918
 Delta R.T. 0.035 min
 Lab File: BF126893.D
 Acq: 15 Feb 2022 15:58

Tgt Ion:149 Resp: 4176721
 Ion Ratio Lower Upper
 149 100
 91 75.8 64.7 97.1
 206 22.5 14.2 21.4#

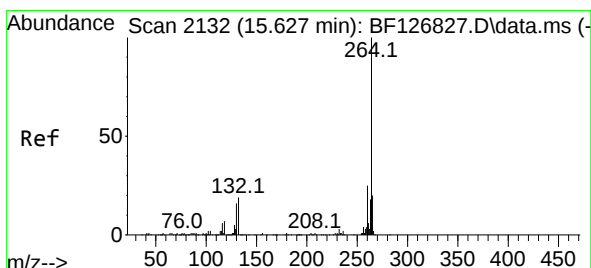
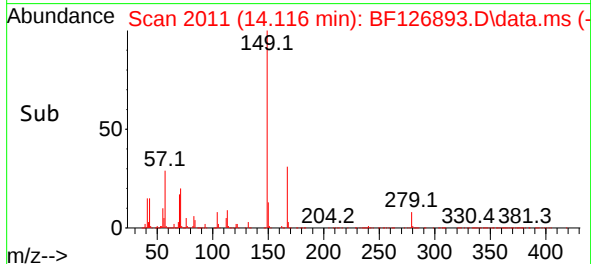
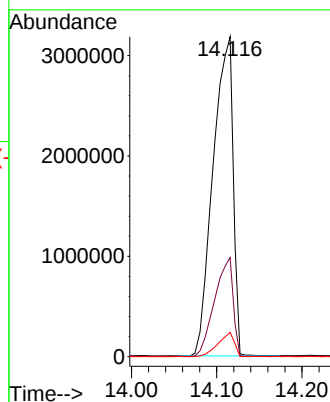
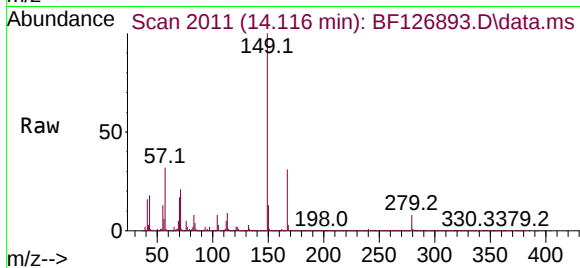




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 663.734 ng
 RT: 14.116 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: BF126893.D
 Acq: 15 Feb 2022 15:58

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2C

Tgt Ion:149 Resp: 5191500
 Ion Ratio Lower Upper
 149 100
 167 31.0 20.3 30.5#
 279 7.6 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. 0.012 min
 Lab File: BF126893.D
 Acq: 15 Feb 2022 15:58

Tgt Ion:264 Resp: 127226
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 20.5 15.9 23.9

