

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126894.D
 Acq On : 15 Feb 2022 16:25
 Operator : CG\JU
 Sample : N1528-34 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-12D

Quant Time: Feb 16 00:18:07 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)

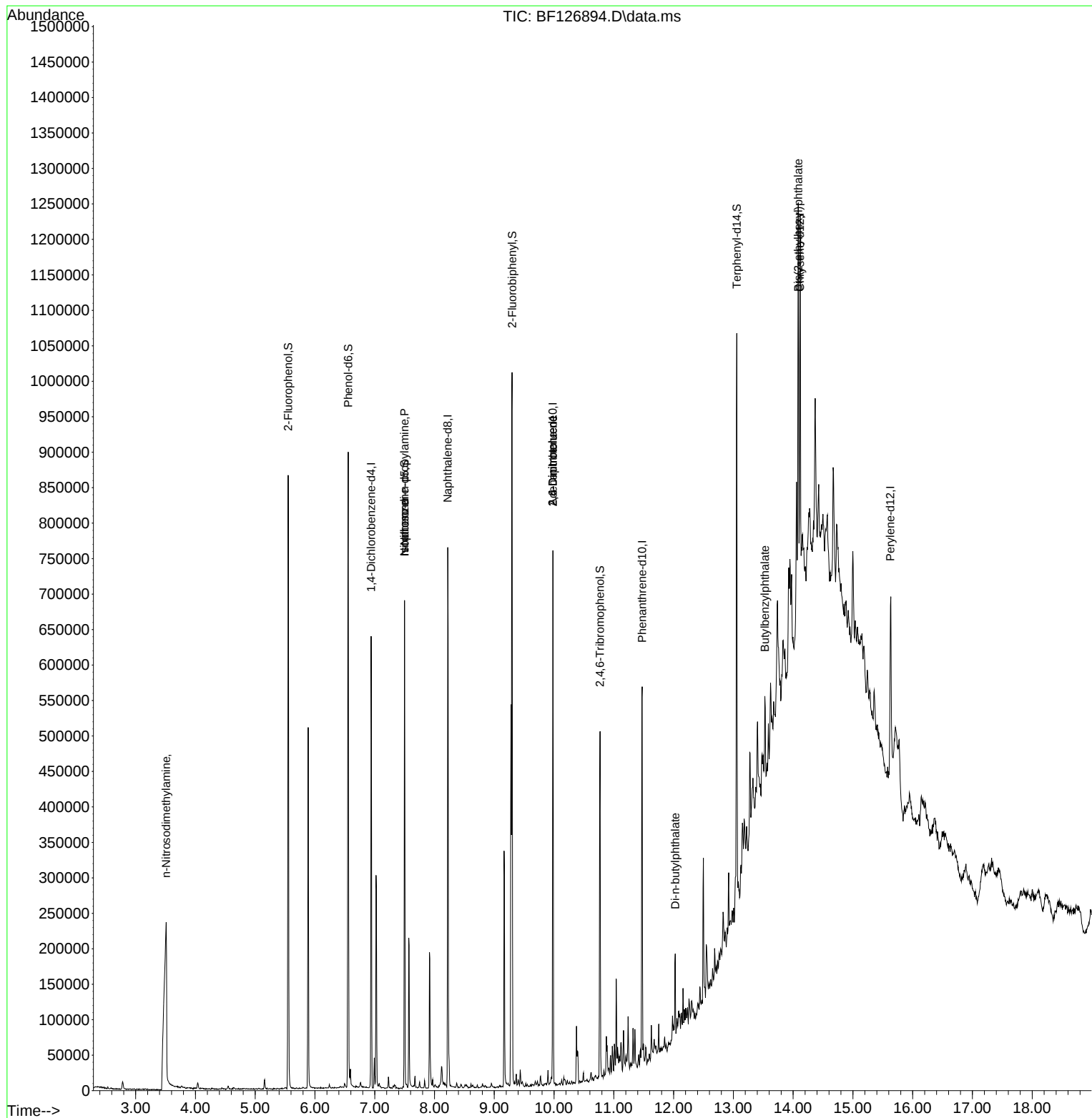
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	79647	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	298323	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	129114	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	187890	20.000	ng	0.00
76) Chrysene-d12	14.116	240	145641	20.000	ng	0.00
86) Perylene-d12	15.627	264	106416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	205495	39.724	ng	0.00
7) Phenol-d6	6.557	99	259496	37.158	ng	0.00
23) Nitrobenzene-d5	7.498	82	183700	28.412	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	48661	35.155	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	278893	32.515	ng	0.00
79) Terphenyl-d14	13.057	244	233278	22.962	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.510	42	16377	5.316	ng	# 1
19) n-Nitroso-di-n-propyla...	7.498	70	24591	5.561	ng	# 82
25) Isophorone	7.498	82	183734	16.961	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	16209	8.762	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	16209	6.628	ng	# 17
74) Di-n-butylphthalate	12.028	149	55427	4.541	ng	99
80) Butylbenzylphthalate	13.527	149	14972	2.473	ng	95
84) Bis(2-ethylhexyl)phtha...	14.086	149	127814	16.283	ng	100

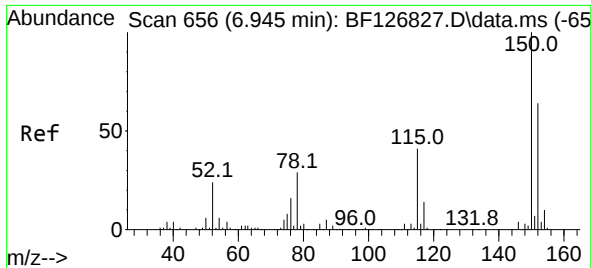
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
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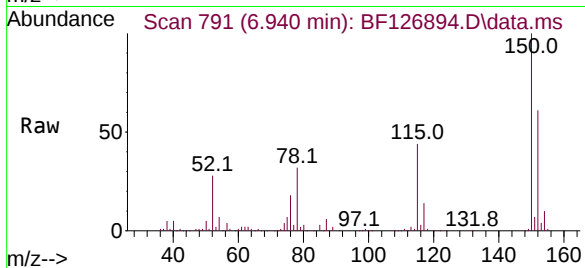
Quant Time: Feb 16 00:18:07 2022
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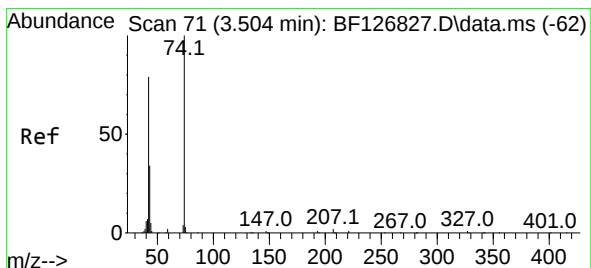
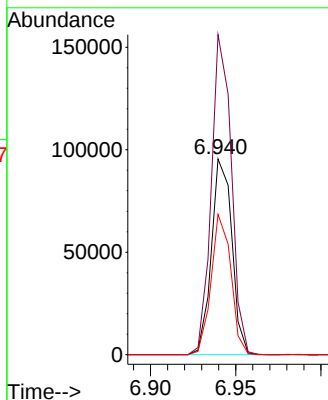
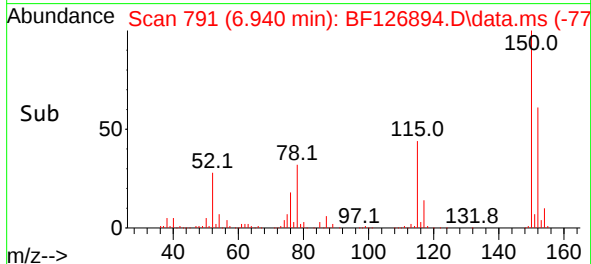


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

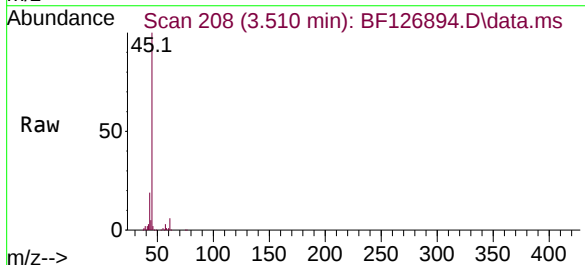
Instrument :
BNA_F
ClientSampleId :
CONC-12D



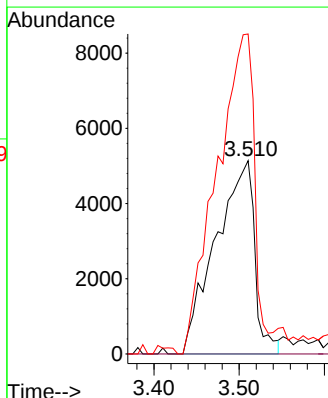
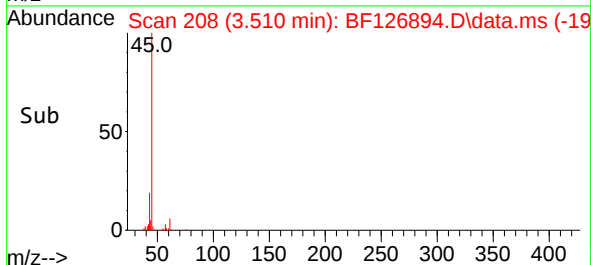
Tgt Ion:152 Resp: 79647
Ion Ratio Lower Upper
152 100
150 163.5 124.3 186.5
115 71.7 50.5 75.7

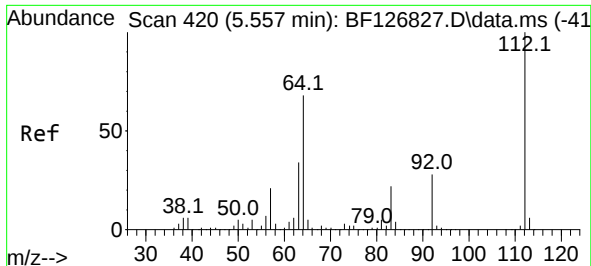


#4
n-Nitrosodimethylamine
Concen: 5.316 ng
RT: 3.510 min Scan# 208
Delta R.T. 0.006 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25



Tgt Ion: 42 Resp: 16377
Ion Ratio Lower Upper
42 100
74 0.0 101.8 152.6#
44 165.5 5.4 8.2#

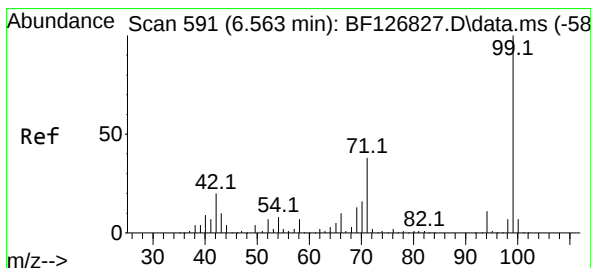
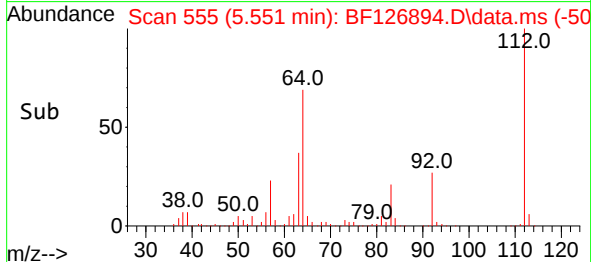
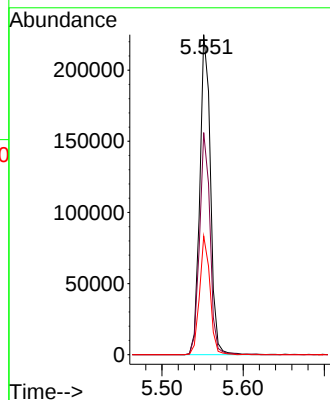
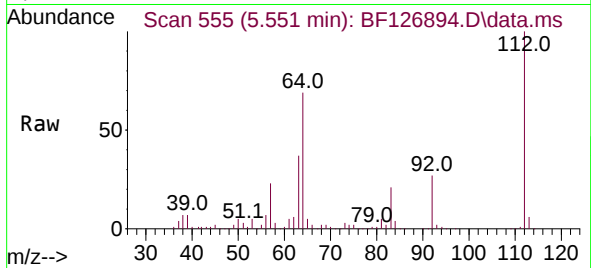




#5
2-Fluorophenol
Concen: 39.724 ng
RT: 5.551 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

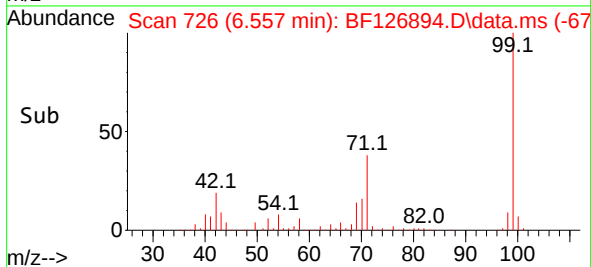
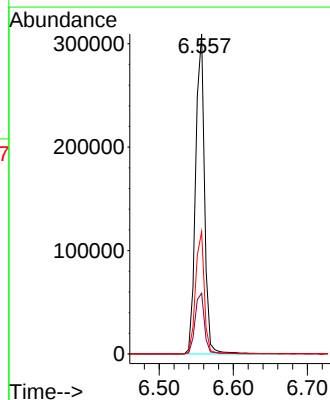
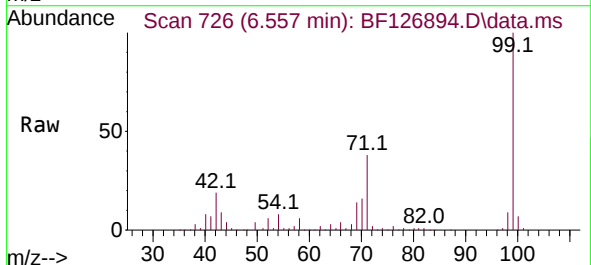
Instrument :
BNA_F
ClientSampleId :
CONC-12D

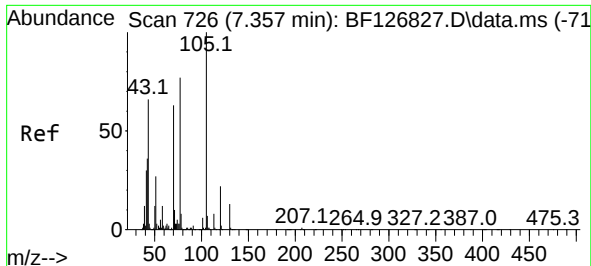
Tgt Ion:112 Resp: 205495
Ion Ratio Lower Upper
112 100
64 69.4 54.3 81.5
63 37.0 27.5 41.3



#7
Phenol-d6
Concen: 37.158 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Tgt Ion: 99 Resp: 259496
Ion Ratio Lower Upper
99 100
42 19.0 15.8 23.6
71 38.2 30.6 45.8

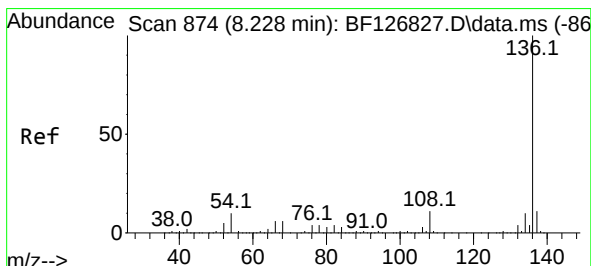
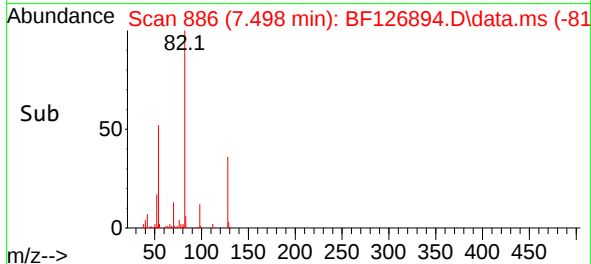
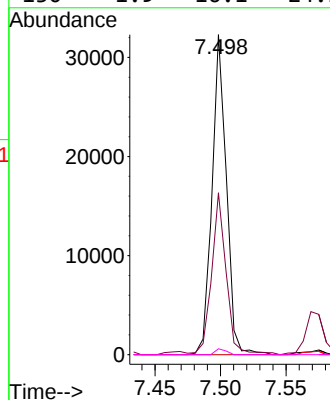
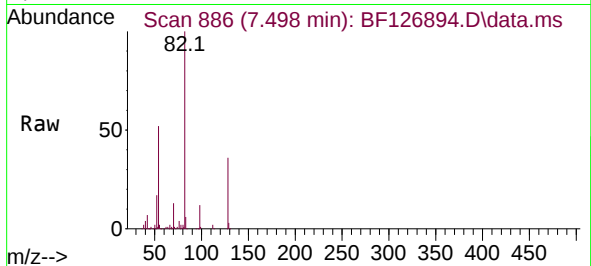




#19
n-Nitroso-di-n-propylamine
Concen: 5.561 ng
RT: 7.498 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

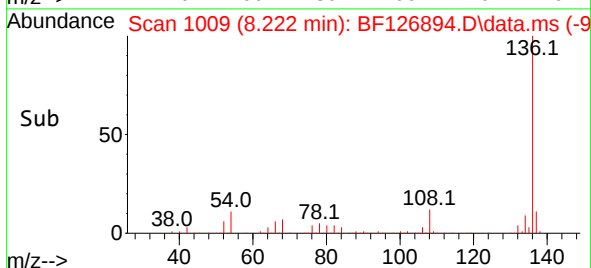
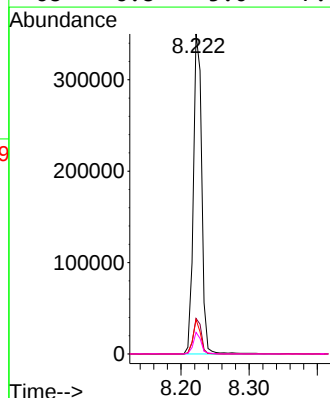
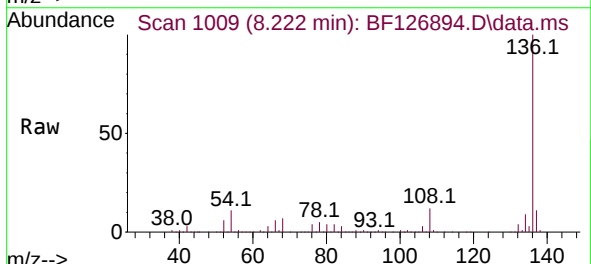
Instrument :
BNA_F
ClientSampleId :
CONC-12D

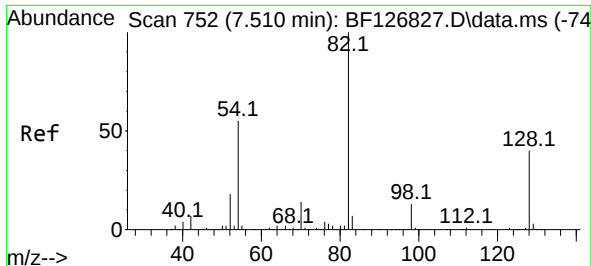
Tgt Ion: 70 Resp: 24591
Ion Ratio Lower Upper
70 100
42 50.6 46.3 69.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Tgt Ion: 136 Resp: 298323
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.8 8.0 12.0
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 28.412 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF126894.D

Acq: 15 Feb 2022 16:25

Instrument :

BNA_F

ClientSampleId :

CONC-12D

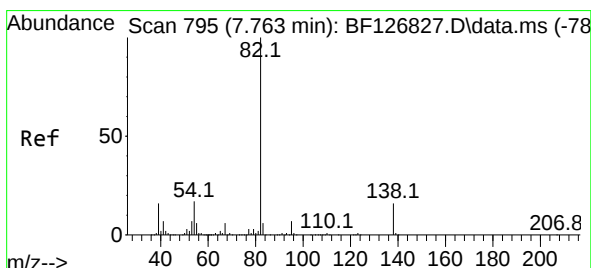
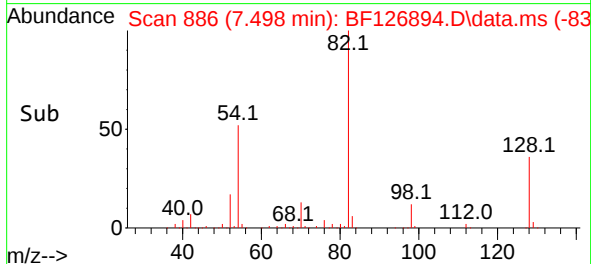
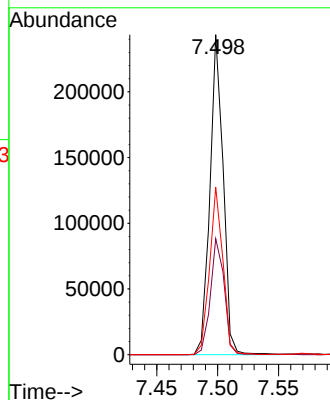
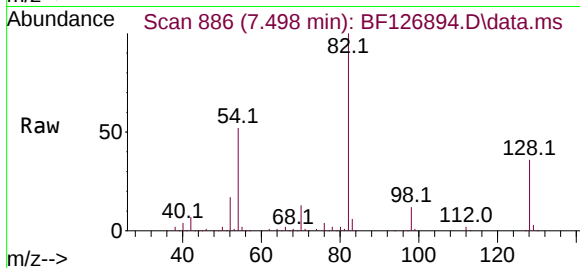
Tgt Ion: 82 Resp: 183700

Ion Ratio Lower Upper

82 100

128 36.3 31.6 47.4

54 52.4 43.7 65.5



#25

Isophorone

Concen: 16.961 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.265 min

Lab File: BF126894.D

Acq: 15 Feb 2022 16:25

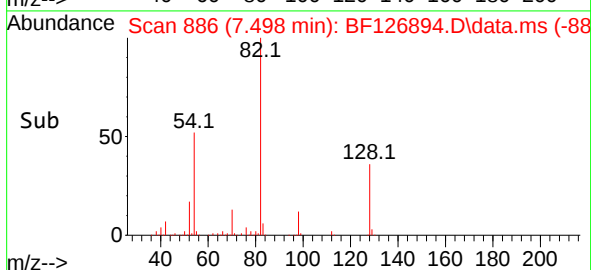
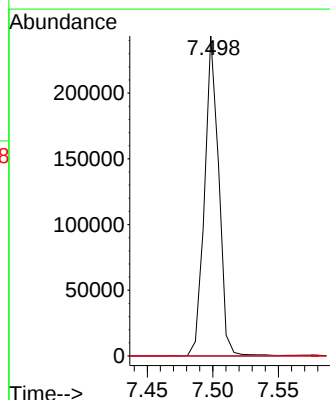
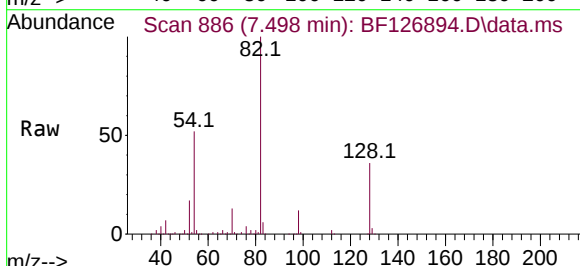
Tgt Ion: 82 Resp: 183734

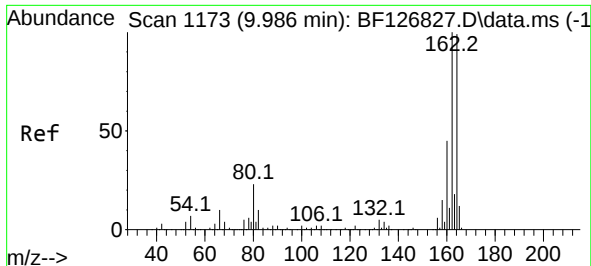
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#

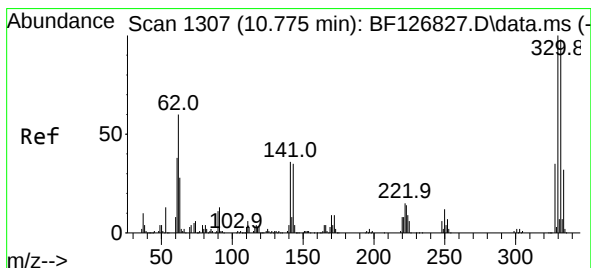
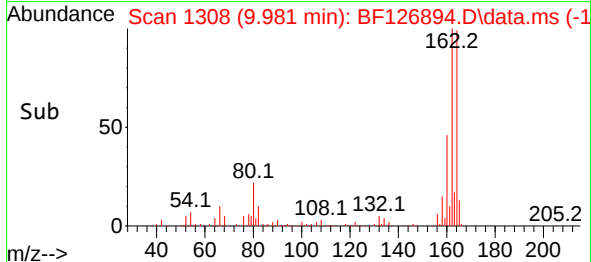
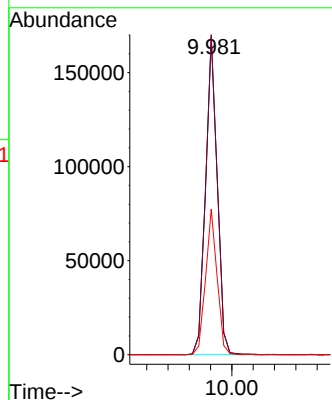
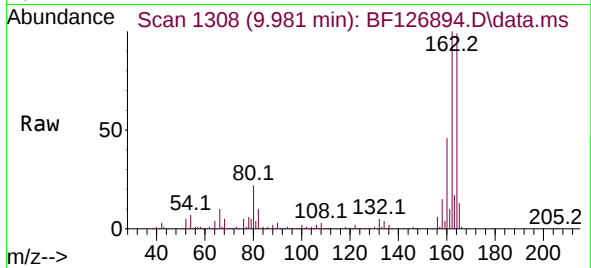




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

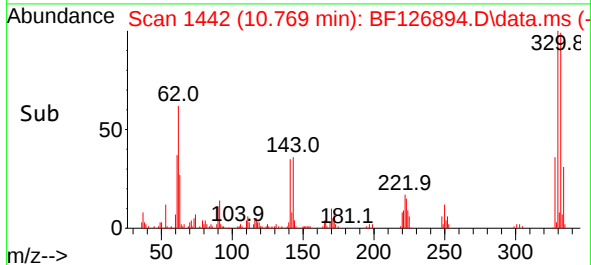
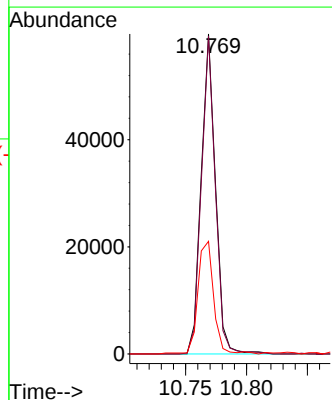
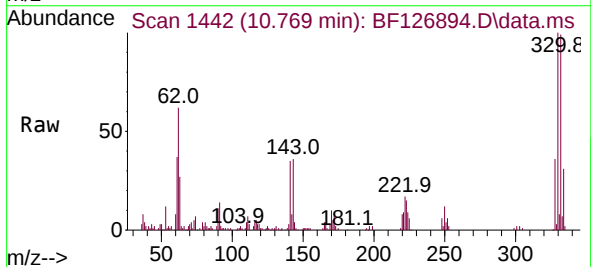
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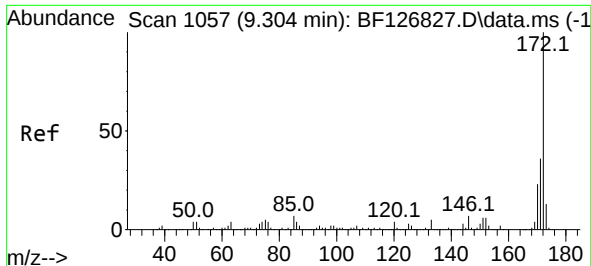
Tgt Ion:164 Resp: 129114
Ion Ratio Lower Upper
164 100
162 100.9 80.9 121.3
160 45.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 35.155 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Tgt Ion:330 Resp: 48661
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 39.1 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 32.515 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126894.D

Acq: 15 Feb 2022 16:25

Instrument :

BNA_F

ClientSampleId :

CONC-12D

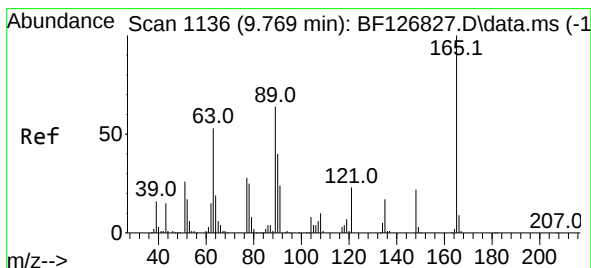
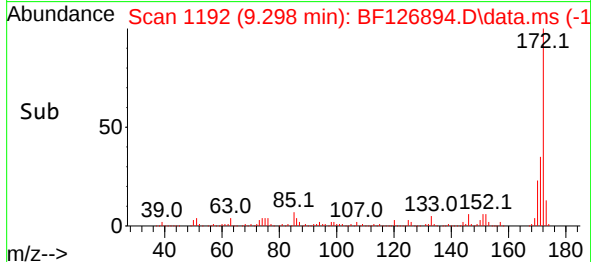
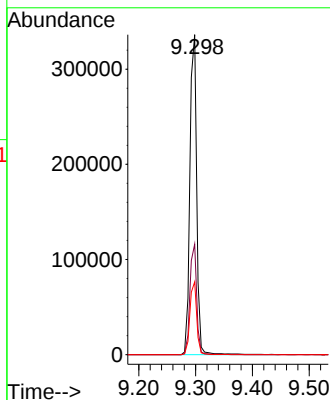
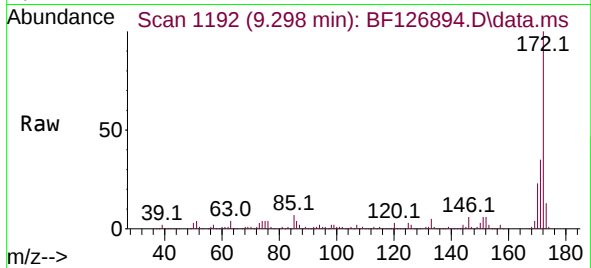
Tgt Ion:172 Resp: 278893

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 22.7 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.762 ng

RT: 9.981 min Scan# 1308

Delta R.T. 0.212 min

Lab File: BF126894.D

Acq: 15 Feb 2022 16:25

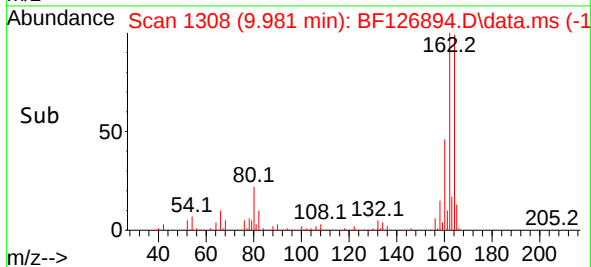
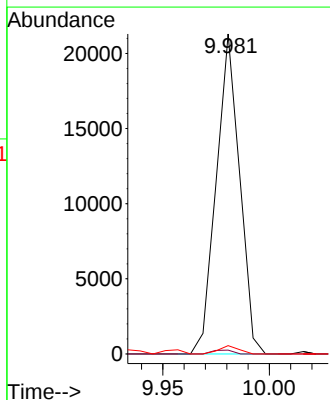
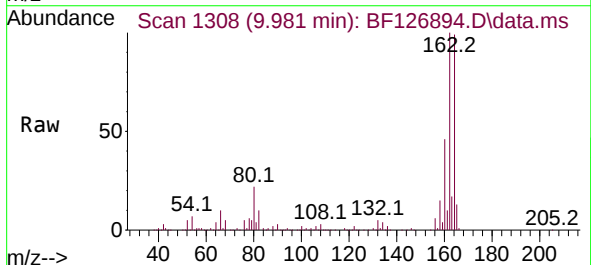
Tgt Ion:165 Resp: 16209

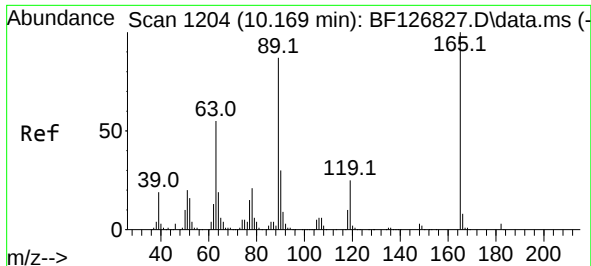
Ion Ratio Lower Upper

165 100

63 1.2 49.9 74.9#

89 2.6 51.0 76.4#

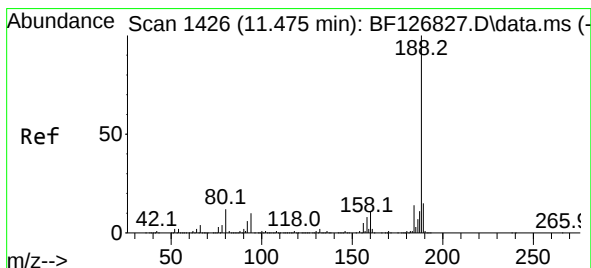
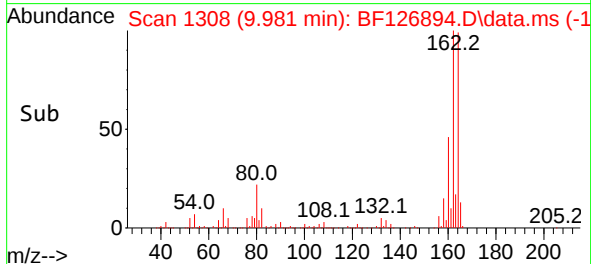
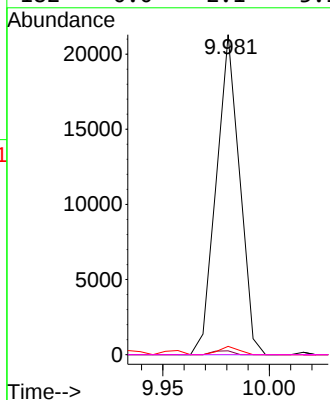
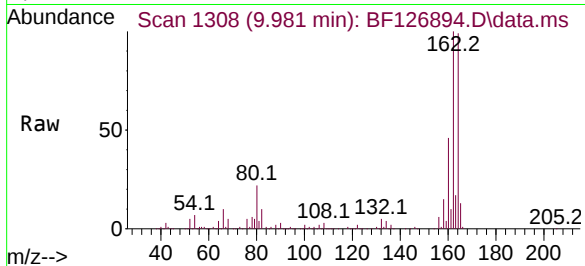




#57
2,4-Dinitrotoluene
Concen: 6.628 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

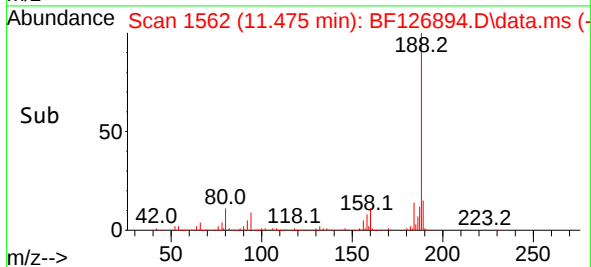
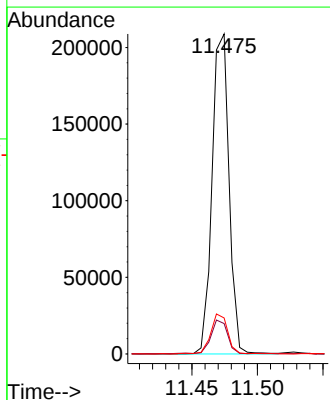
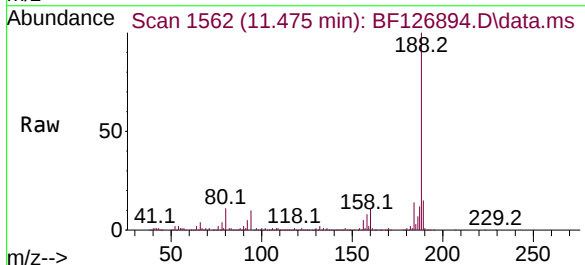
Instrument :
BNA_F
ClientSampleId :
CONC-12D

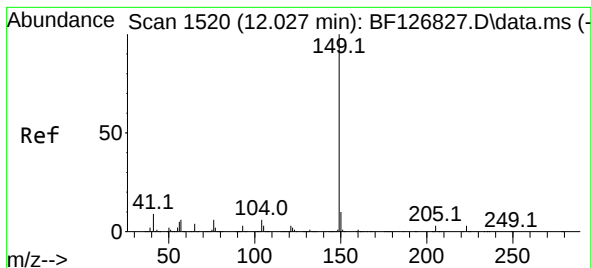
Tgt Ion:165 Resp: 16209
Ion Ratio Lower Upper
165 100
63 1.2 43.9 65.9#
89 2.6 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Tgt Ion:188 Resp: 187890
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 11.2 9.5 14.3





#74

Di-n-butylphthalate

Concen: 4.541 ng

RT: 12.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126894.D

Acq: 15 Feb 2022 16:25

Instrument :

BNA_F

ClientSampleId :

CONC-12D

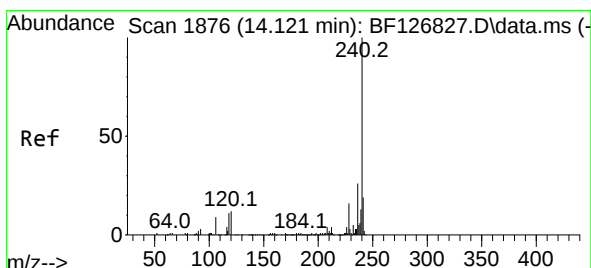
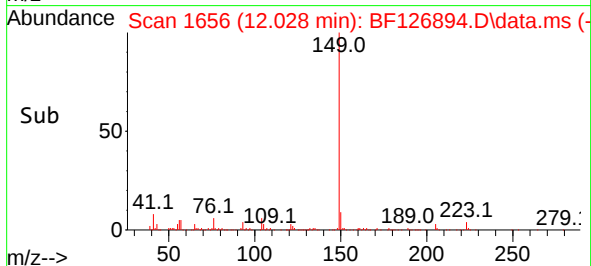
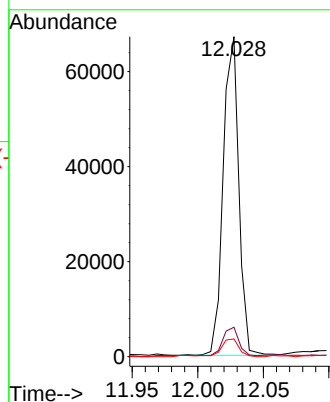
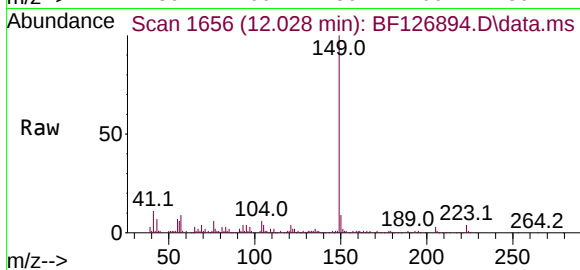
Tgt Ion:149 Resp: 55427

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.6 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: BF126894.D

Acq: 15 Feb 2022 16:25

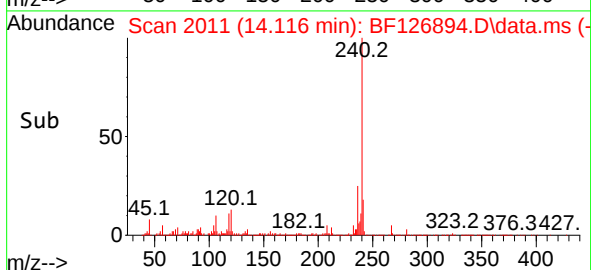
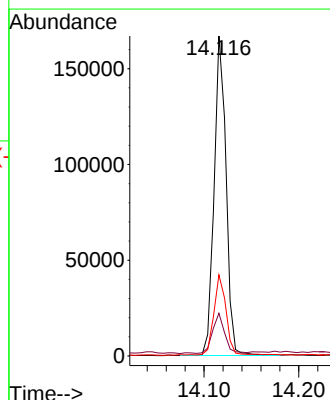
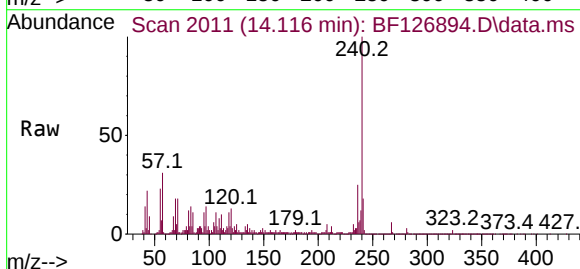
Tgt Ion:240 Resp: 145641

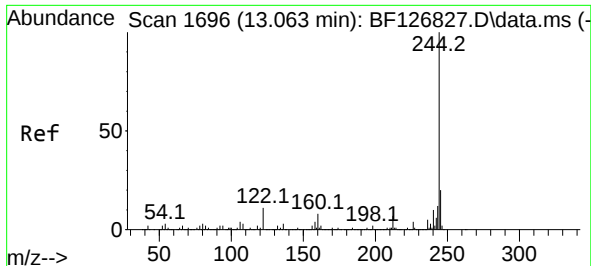
Ion Ratio Lower Upper

240 100

120 13.4 9.8 14.6

236 25.3 20.5 30.7

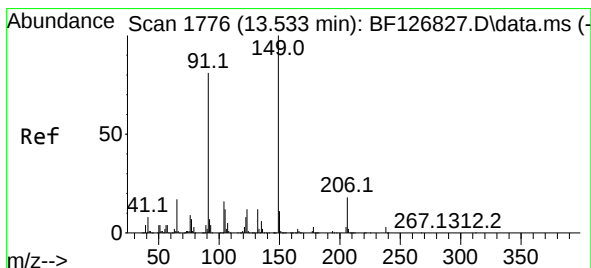
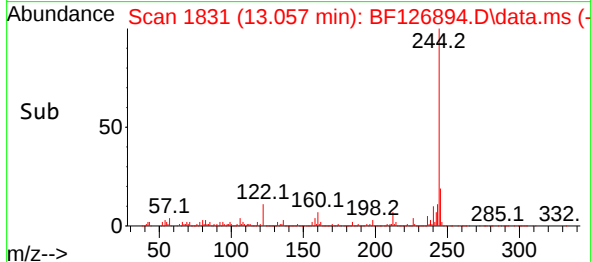
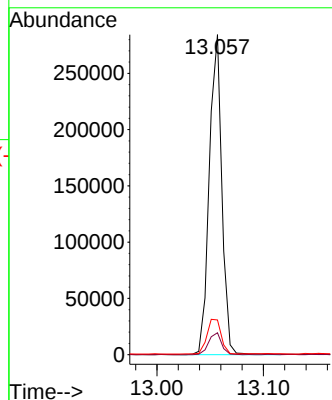
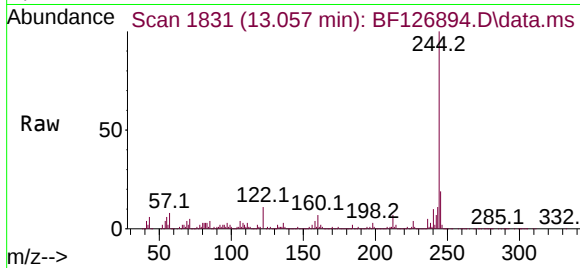




#79
 Terphenyl-d14
 Concen: 22.962 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126894.D
 Acq: 15 Feb 2022 16:25

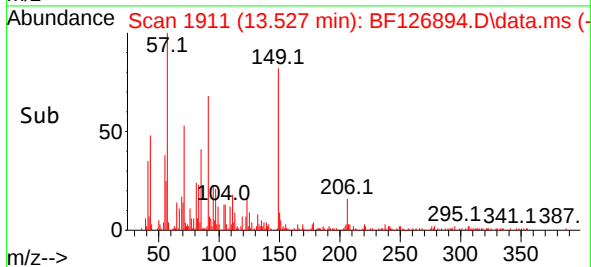
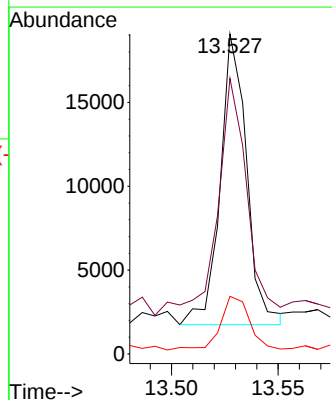
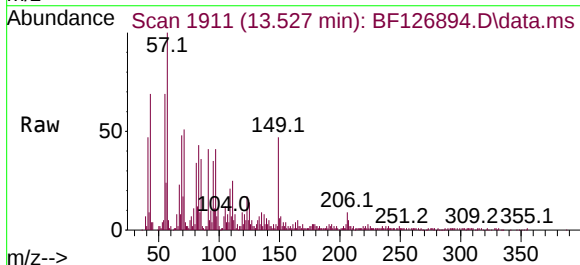
Instrument :
 BNA_F
 ClientSampleId :
 CONC-12D

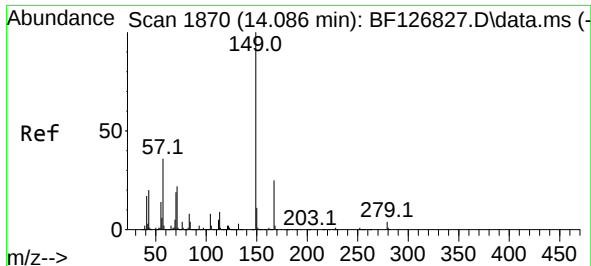
Tgt Ion:244 Resp: 233278
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 2.473 ng
 RT: 13.527 min Scan# 1911
 Delta R.T. -0.006 min
 Lab File: BF126894.D
 Acq: 15 Feb 2022 16:25

Tgt Ion:149 Resp: 14972
 Ion Ratio Lower Upper
 149 100
 91 86.1 64.7 97.1
 206 18.0 14.2 21.4

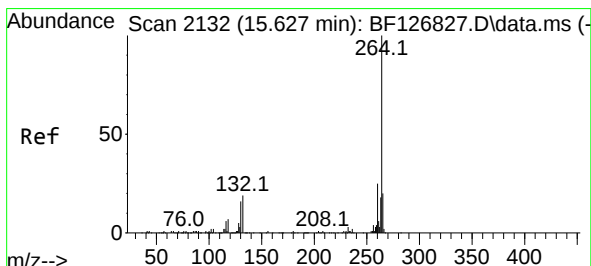
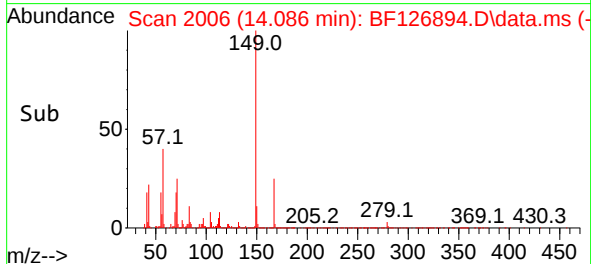
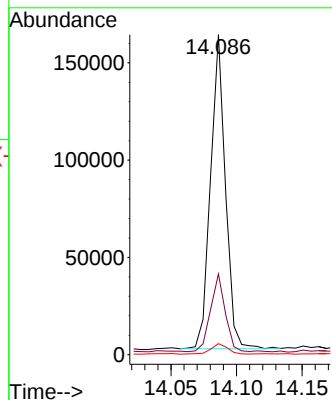
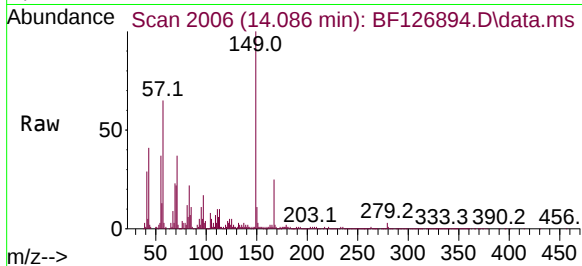




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.283 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Instrument :
BNA_F
ClientSampleId :
CONC-12D

Tgt Ion:149 Resp: 127814
Ion Ratio Lower Upper
149 100
167 25.3 20.3 30.5
279 3.4 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF126894.D
Acq: 15 Feb 2022 16:25

Tgt Ion:264 Resp: 106416
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.6 15.9 23.9

