

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127094.D
 Acq On : 28 Feb 2022 12:31
 Operator : CG\JU
 Sample : N1664-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 28 16:57:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

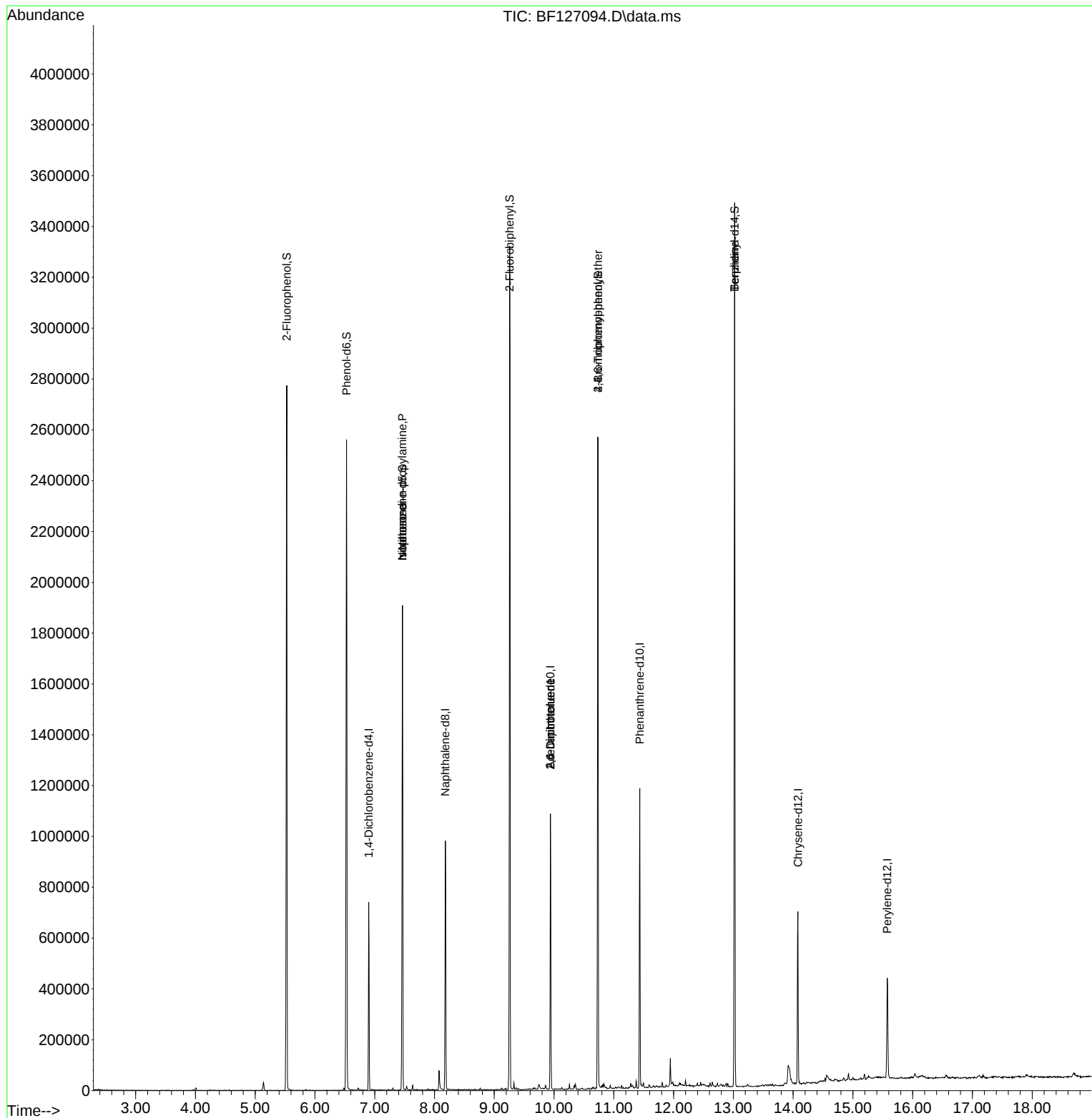
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	95923	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	393787	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	205986	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	367149	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	216156	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	165589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	675313	108.811	ng	0.00
7) Phenol-d6	6.528	99	879737	105.049	ng	-0.01
23) Nitrobenzene-d5	7.463	82	618406	70.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	279518	117.858	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	974418	69.640	ng	-0.01
79) Terphenyl-d14	13.022	244	1091513	74.232	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	84703	15.697	ng	# 79
25) Isophorone	7.463	82	618395	42.836	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	27466	9.169	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	27466	6.781	ng	# 15
67) 4-Bromophenyl-phenylether	10.734	248	16509	4.024	ng	# 1
77) Benzidine	13.022	184	16194	2.757	ng	# 96

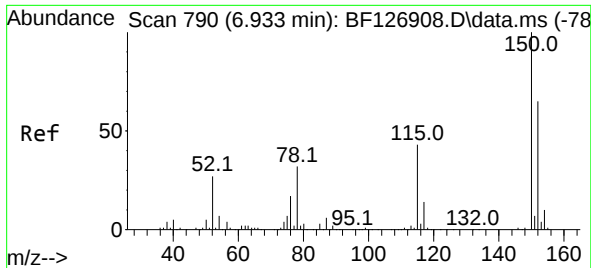
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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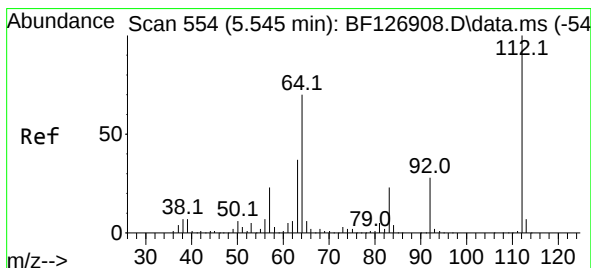
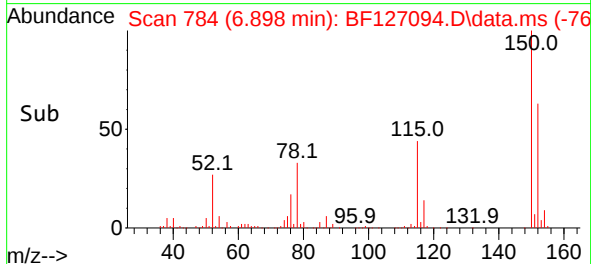
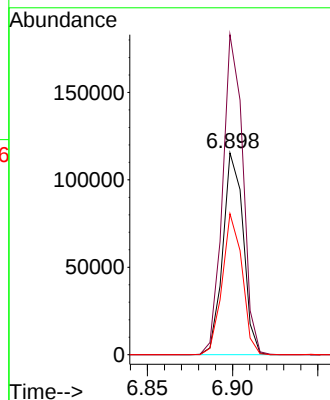
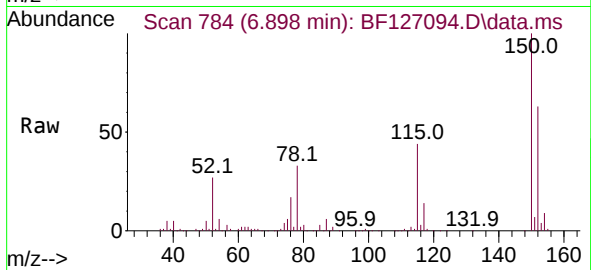




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 790
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

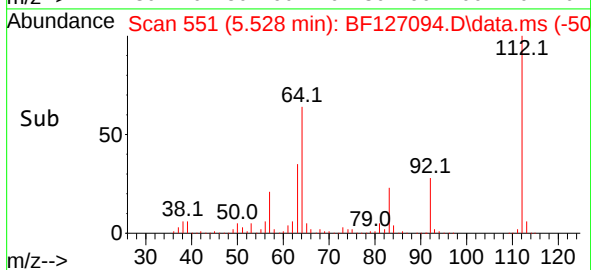
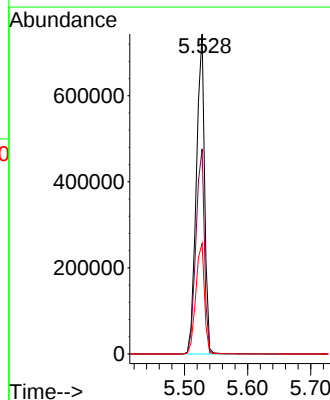
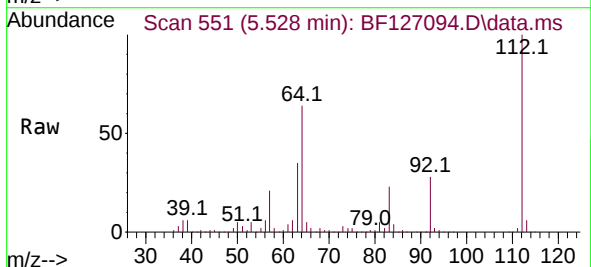
Instrument :
BNA_F
ClientSampleId :
TP-7

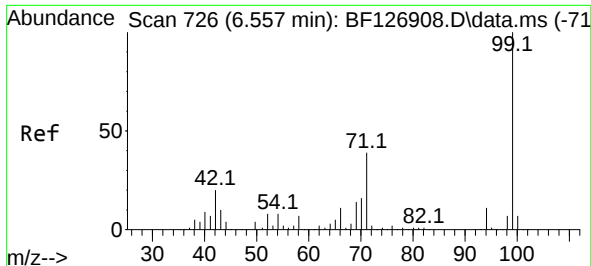
Tgt Ion:152 Resp: 95923
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 108.811 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion:112 Resp: 675313
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 34.5 23.9 35.9

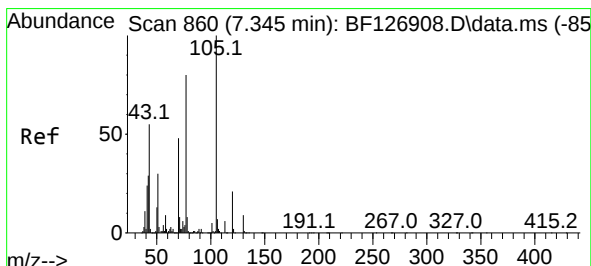
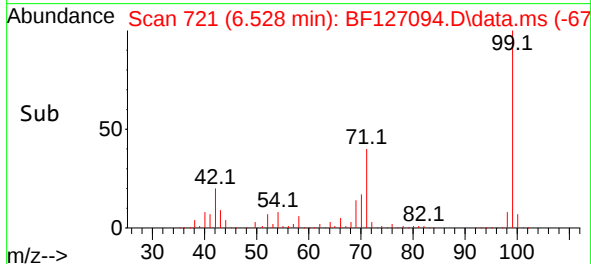
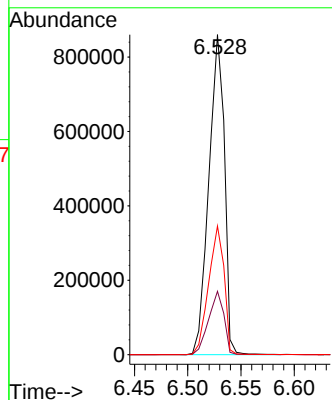
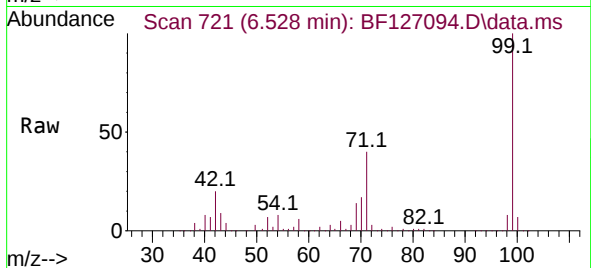




#7
Phenol-d6
Concen: 105.049 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

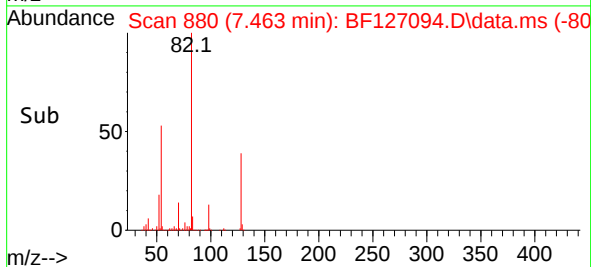
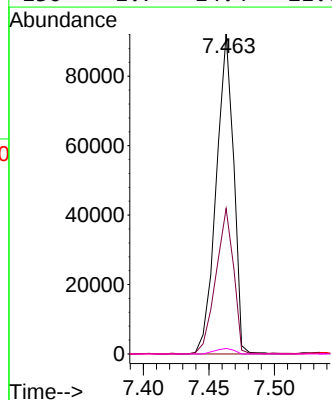
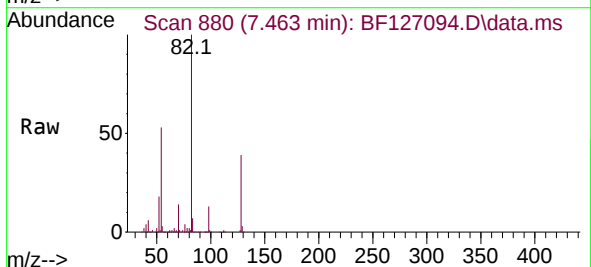
Instrument :
BNA_F
ClientSampleId :
TP-7

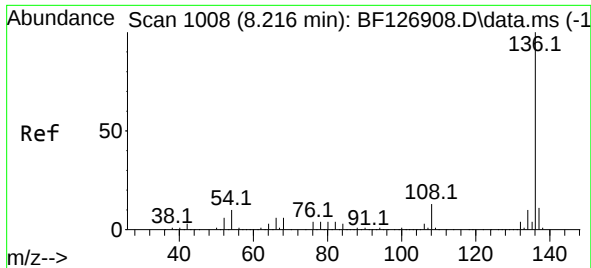
Tgt Ion: 99 Resp: 879737
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.697 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion: 70 Resp: 84703
Ion Ratio Lower Upper
70 100
42 45.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

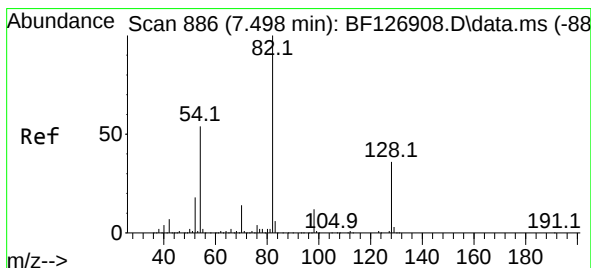
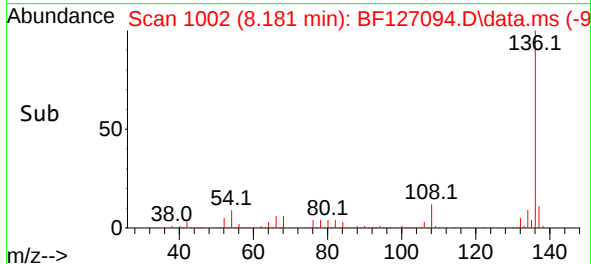
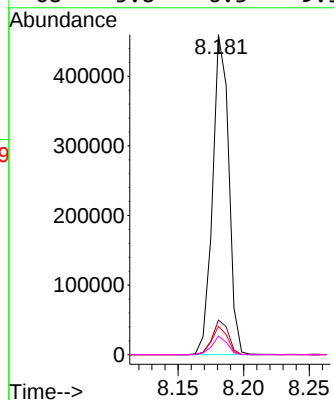
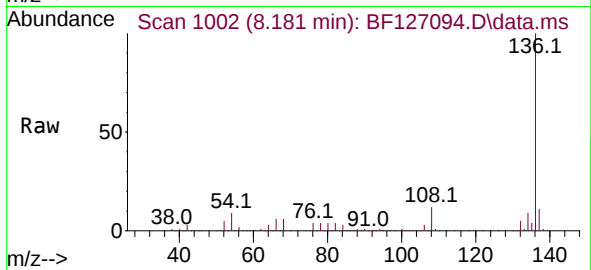




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

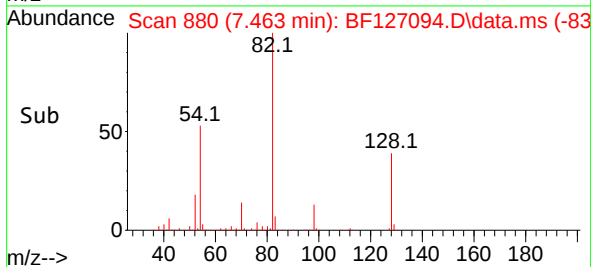
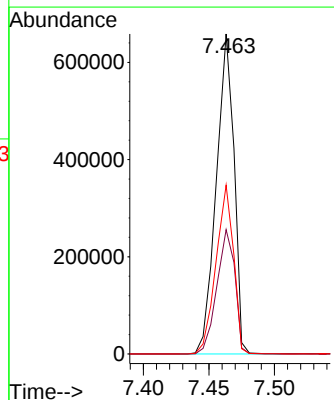
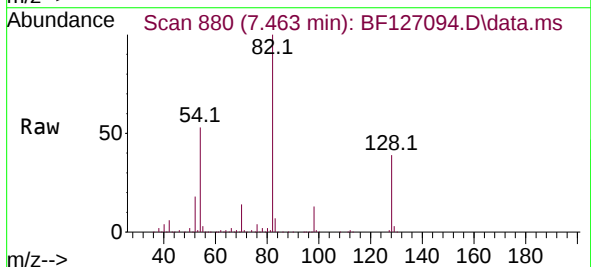
Instrument :
BNA_F
ClientSampleId :
TP-7

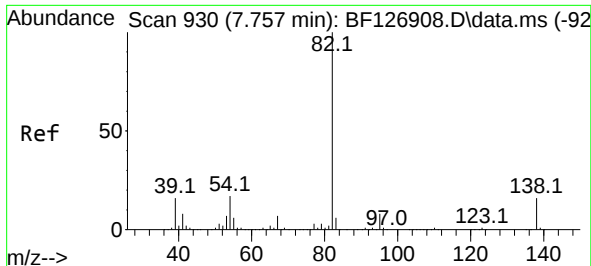
Tgt Ion:136 Resp: 393787
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 70.884 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion: 82 Resp: 618406
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 52.8 41.7 62.5

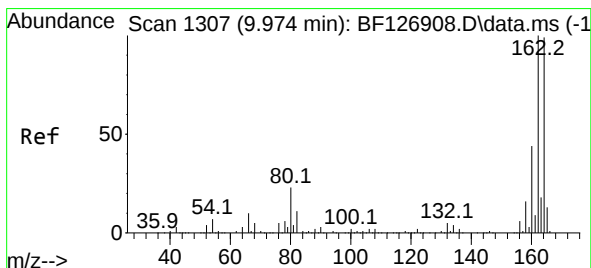
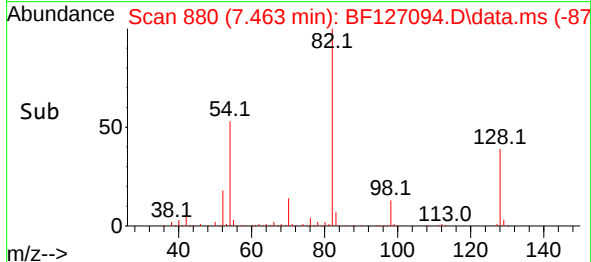
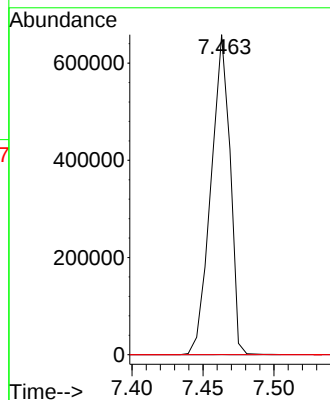
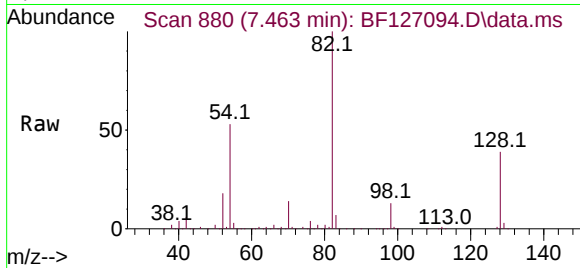




#25
Isophorone
Concen: 42.836 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

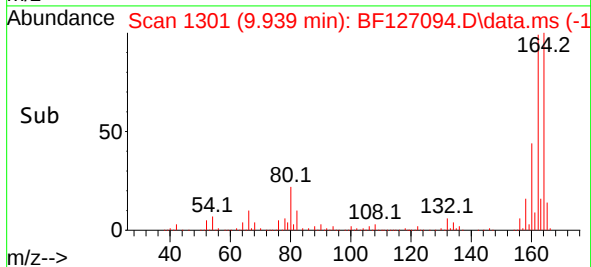
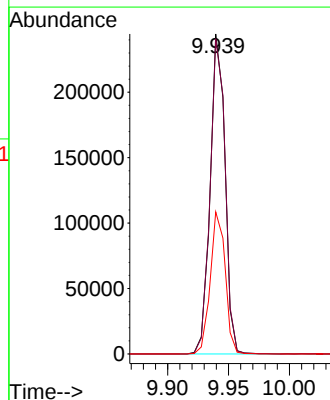
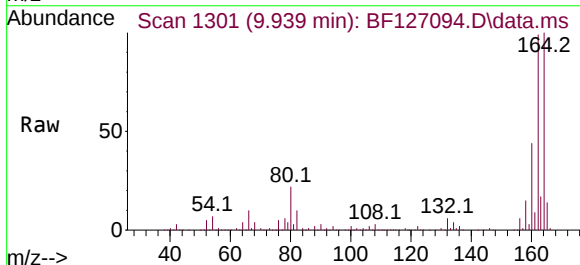
Instrument :
BNA_F
ClientSampleId :
TP-7

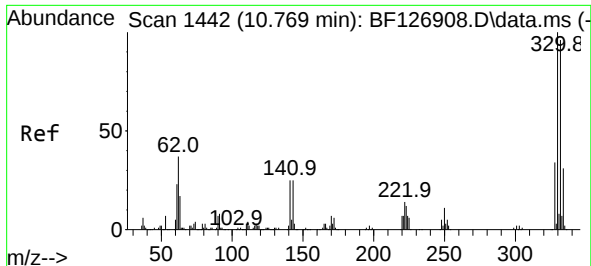
Tgt Ion: 82 Resp: 618395
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion: 164 Resp: 205986
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.858 ng

RT: 10.734 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

Instrument :

BNA_F

ClientSampleId :

TP-7

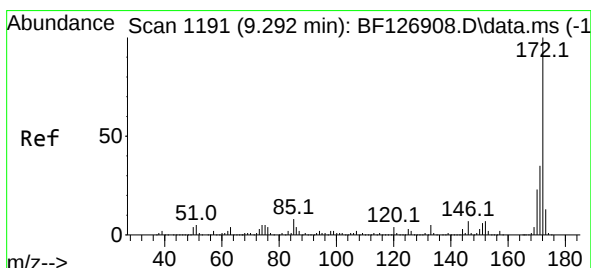
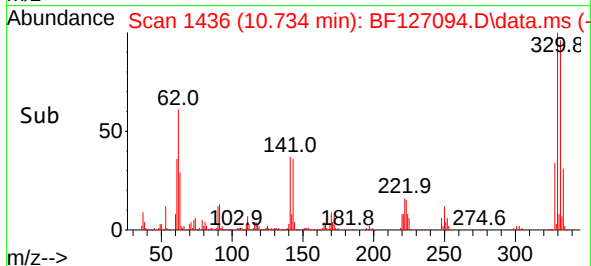
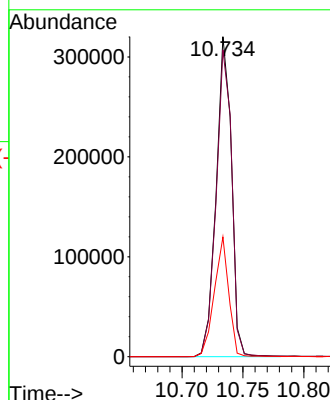
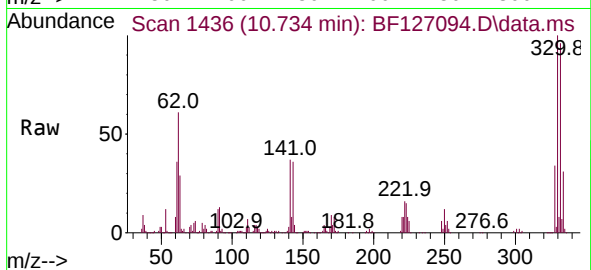
Tgt Ion:330 Resp: 279518

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 35.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 69.640 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

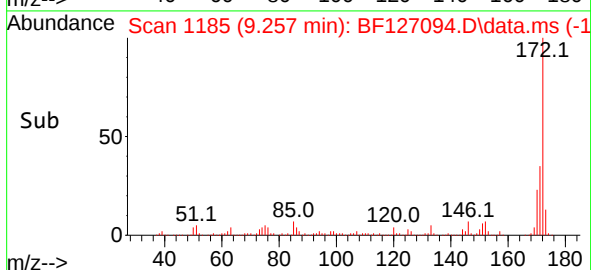
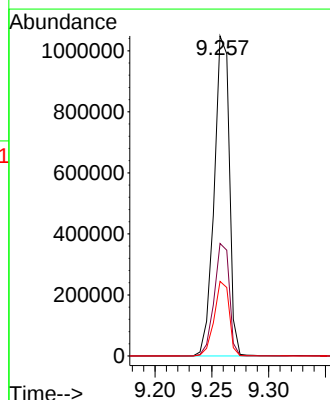
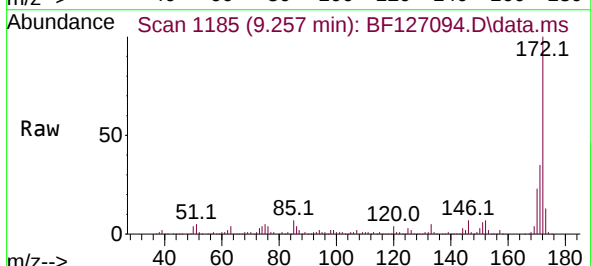
Tgt Ion:172 Resp: 974418

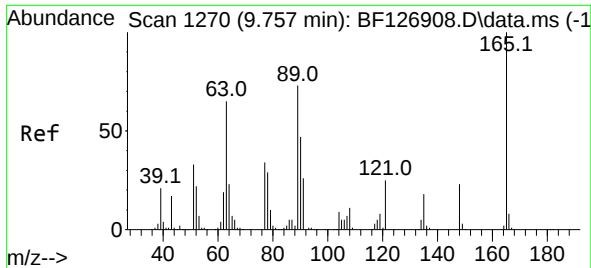
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6

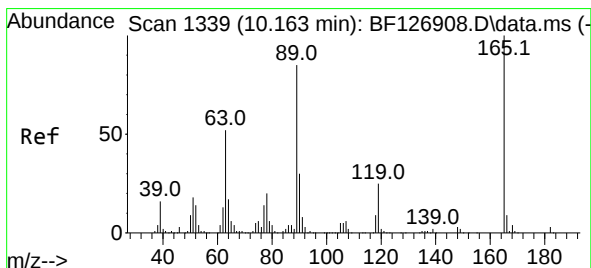
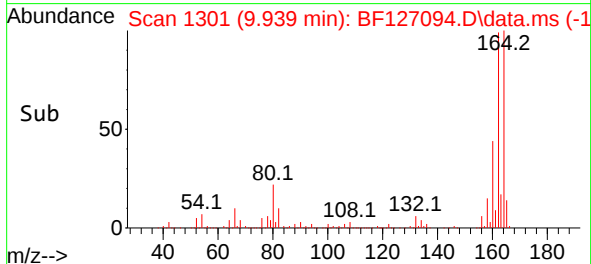
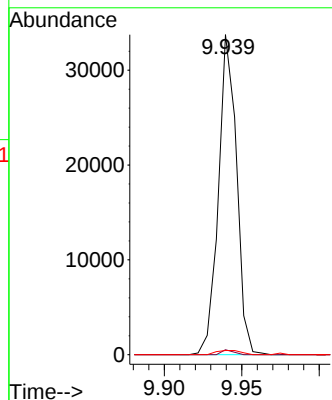
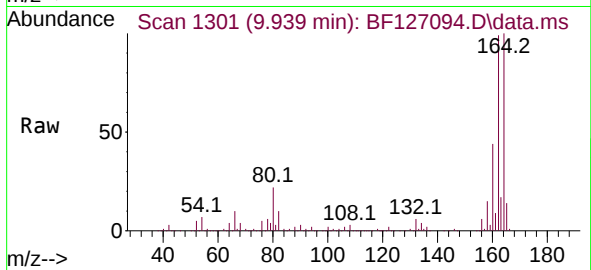




#51
2,6-Dinitrotoluene
Concen: 9.169 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

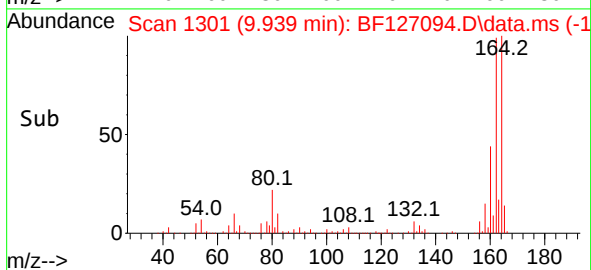
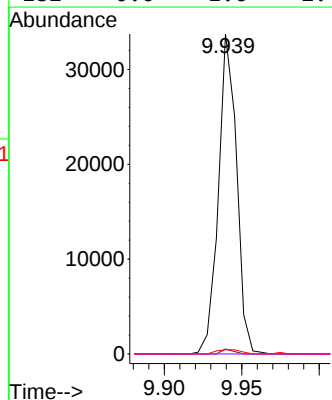
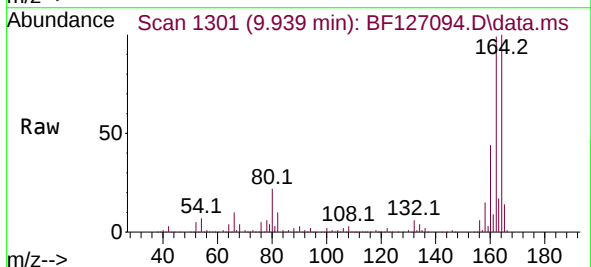
Instrument :
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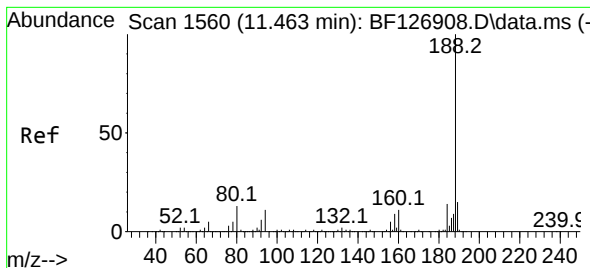
Tgt Ion:165 Resp: 27466
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.781 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion:165 Resp: 27466
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

Instrument :

BNA_F

ClientSampleId :

TP-7

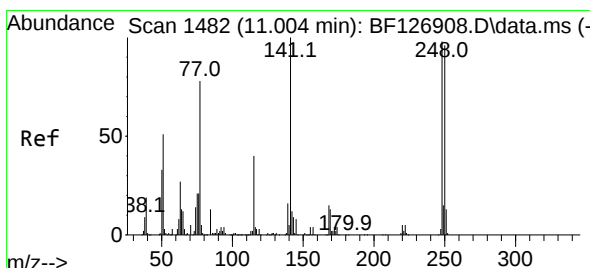
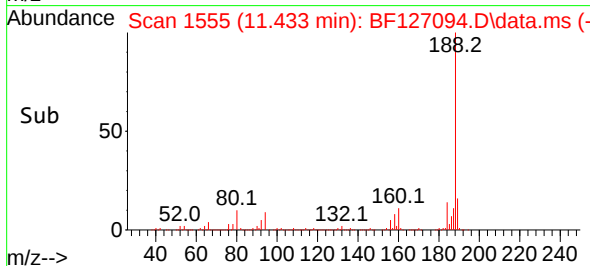
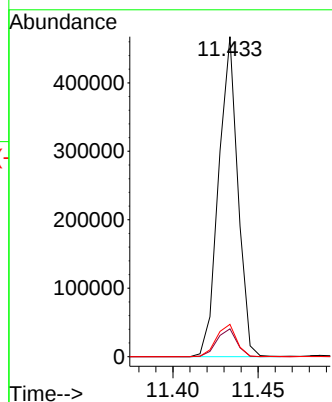
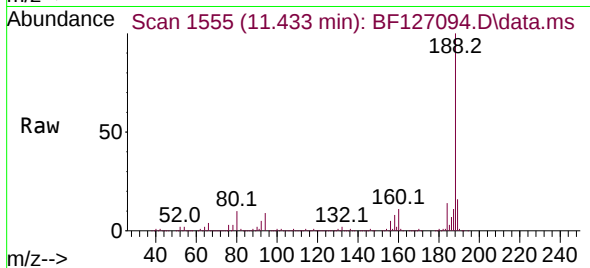
Tgt Ion:188 Resp: 367149

Ion Ratio Lower Upper

188 100

94 8.7 10.1 15.1#

80 10.1 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.024 ng

RT: 10.734 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

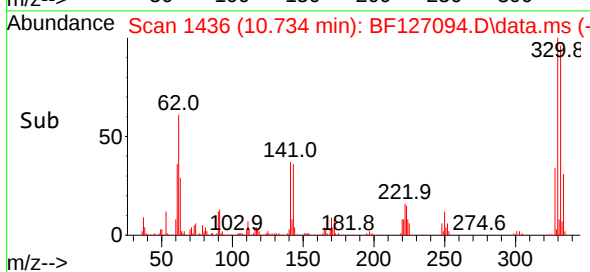
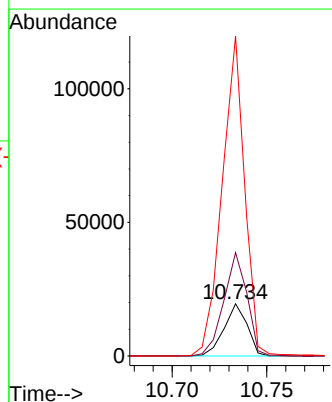
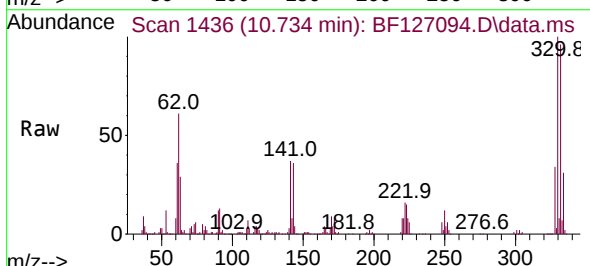
Tgt Ion:248 Resp: 16509

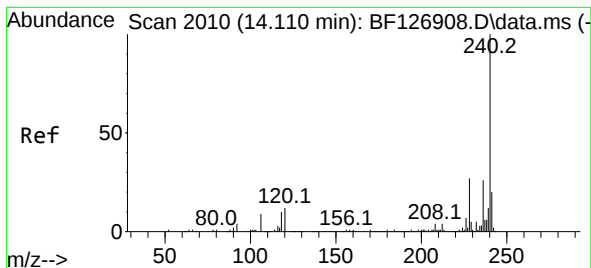
Ion Ratio Lower Upper

248 100

250 198.2 76.2 114.4#

141 613.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

Instrument :

BNA_F

ClientSampleId :

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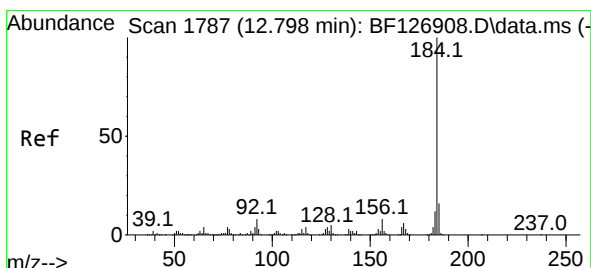
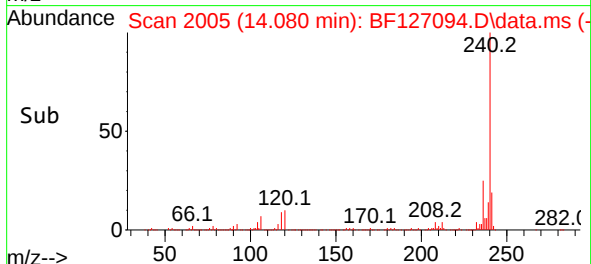
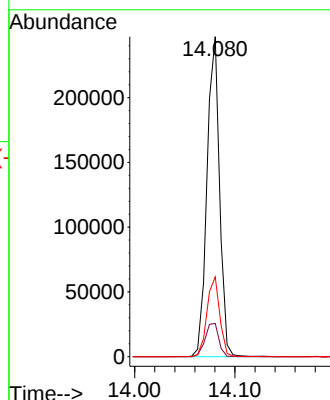
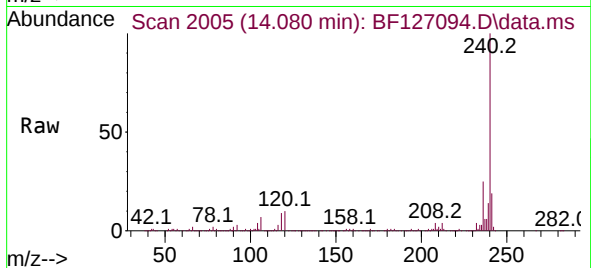
Tgt Ion:240 Resp: 216156

Ion Ratio Lower Upper

240 100

120 10.4 14.4 21.6#

236 25.0 20.5 30.7



#77

Benzidine

Concen: 2.757 ng

RT: 13.022 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

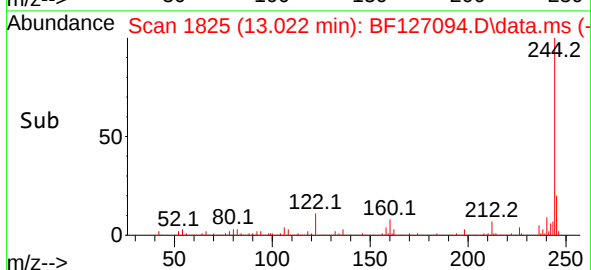
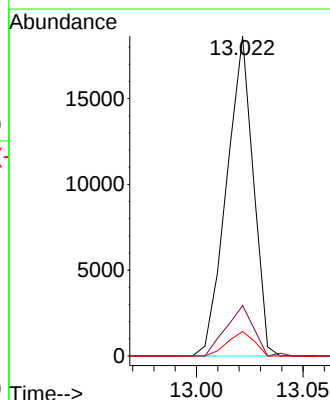
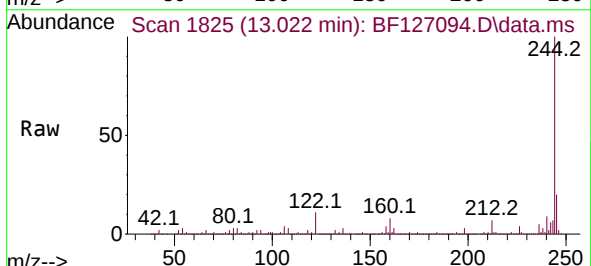
Tgt Ion:184 Resp: 16194

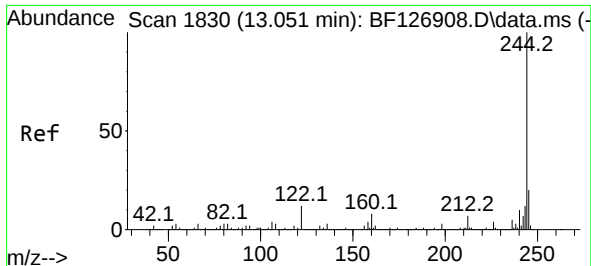
Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

183 7.7 8.2 12.2#

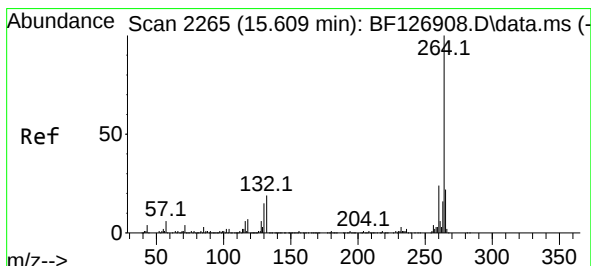
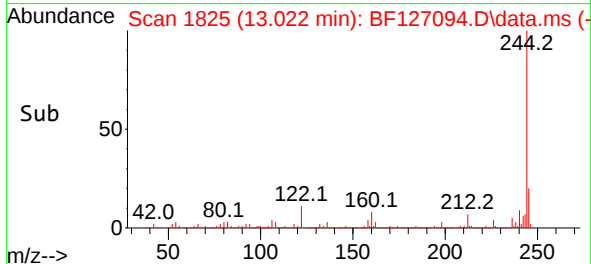
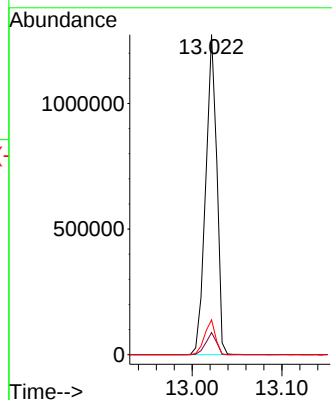
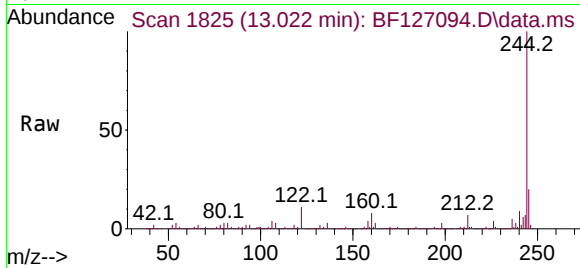




#79
 Terphenyl-d14
 Concen: 74.232 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127094.D
 Acq: 28 Feb 2022 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 1091513
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127094.D
 Acq: 28 Feb 2022 12:31

Tgt Ion:264 Resp: 165589
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.0 17.4 26.2

