

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128345.D
 Acq On : 19 May 2022 19:26
 Operator : CG\JU
 Sample : N2934-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220512

Quant Time: May 20 02:46:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

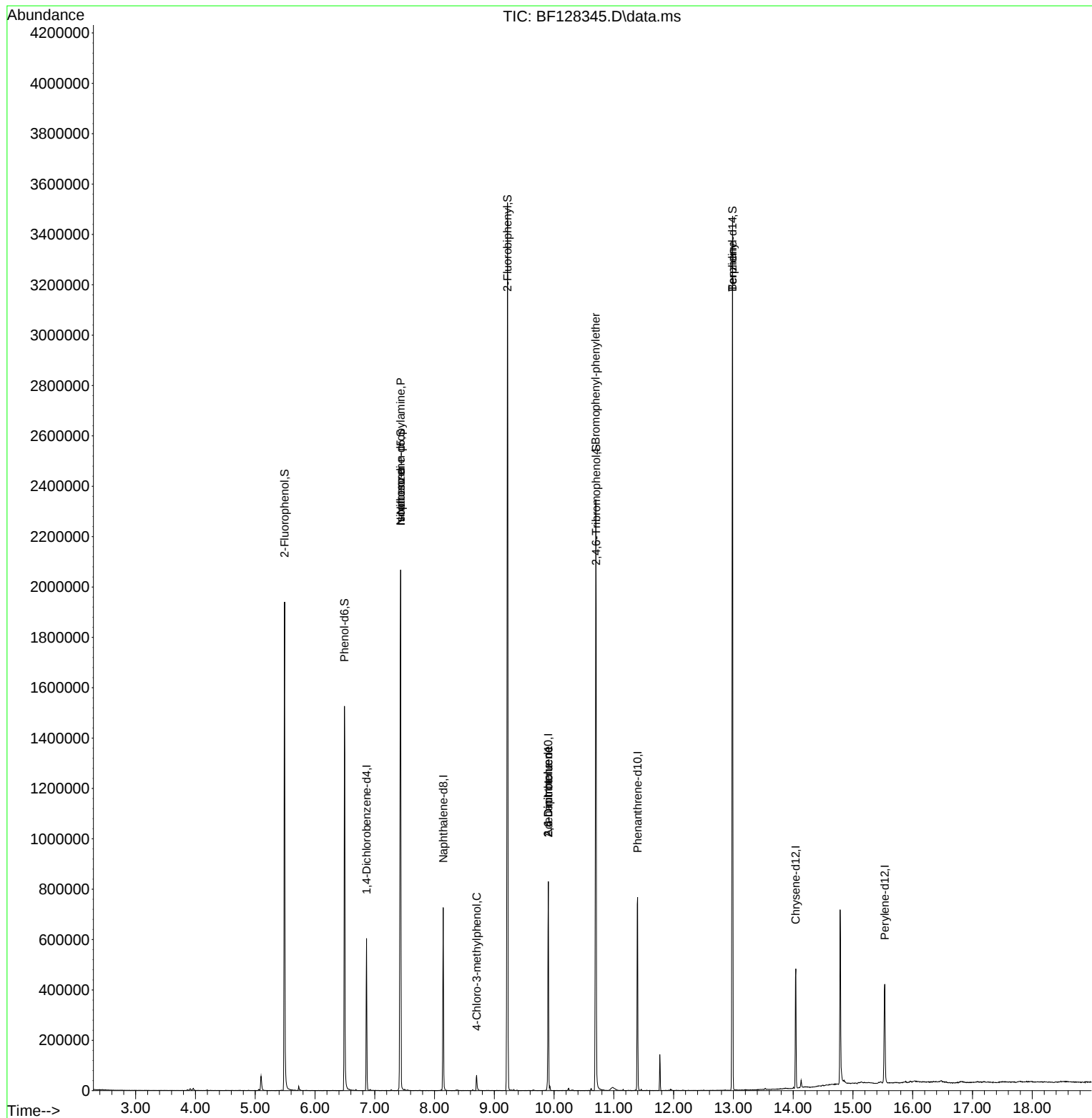
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78603	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	299569	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	165577	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288972	20.000	ng	0.00
76) Chrysene-d12	14.045	240	167673	20.000	ng	-0.01
86) Perylene-d12	15.533	264	180915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	475790	96.494	ng	0.00
7) Phenol-d6	6.492	99	496329	76.104	ng	-0.02
23) Nitrobenzene-d5	7.433	82	751153	112.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	294639	155.158	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1141096	107.833	ng	-0.01
79) Terphenyl-d14	12.986	244	1168922	130.813	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	912	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	102232	25.455	ng	# 78
25) Isophorone	7.433	82	751145	71.966	ng	# 68
36) 4-Chloro-3-methylphenol	8.704	107	14432	2.954	ng	92
51) 2,6-Dinitrotoluene	9.904	165	20913	8.922	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	20913	6.673	ng	# 28
67) 4-Bromophenyl-phenylether	10.698	248	18174	5.846	ng	# 1
77) Benzidine	12.986	184	16979	4.675	ng	# 94

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

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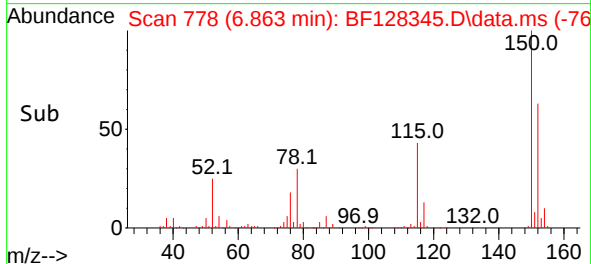
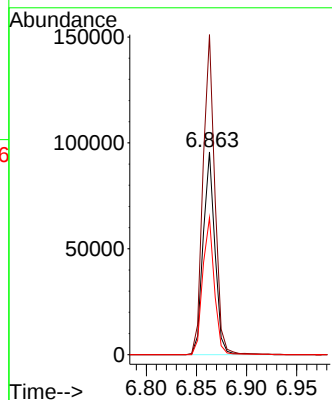
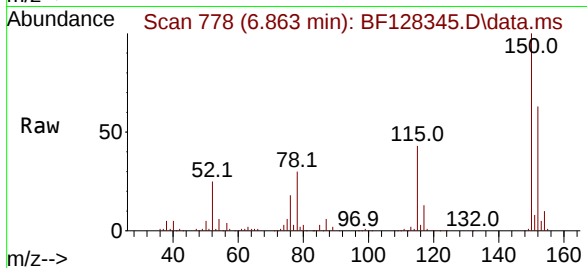




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

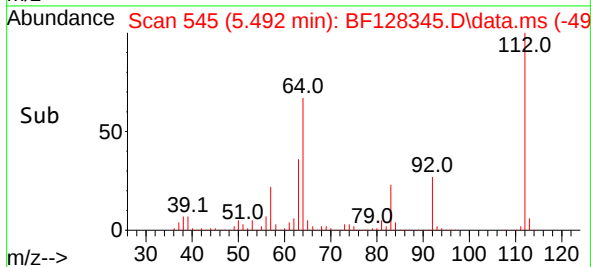
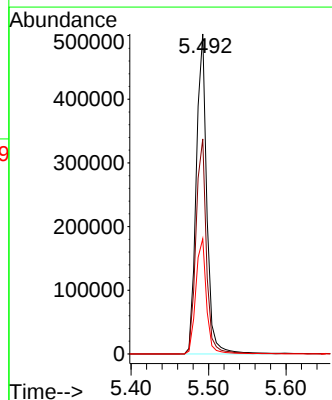
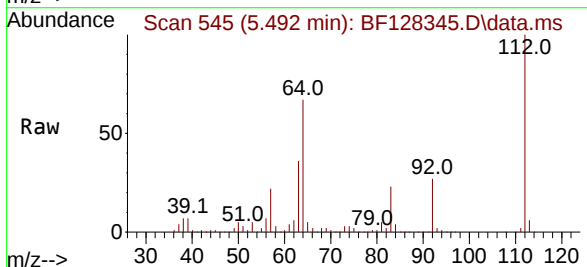
Instrument :
BNA_F
ClientSampleId :
RB-220512

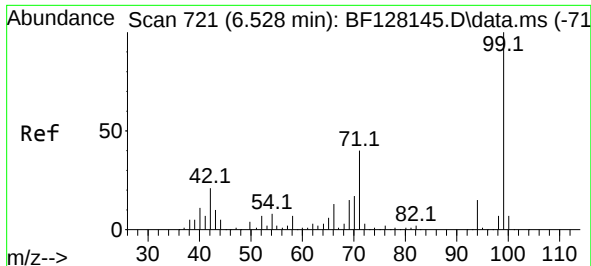
Tgt Ion:152 Resp: 78603
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 67.5 48.8 73.2



#5
2-Fluorophenol
Concen: 96.494 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion:112 Resp: 475790
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.0 26.3 39.5

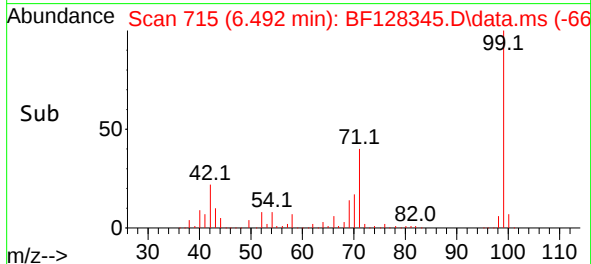
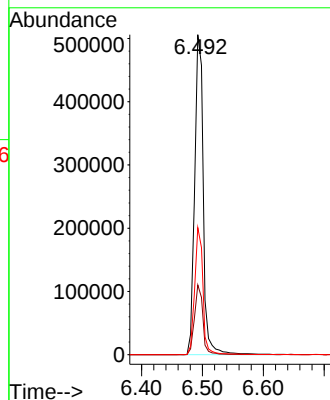
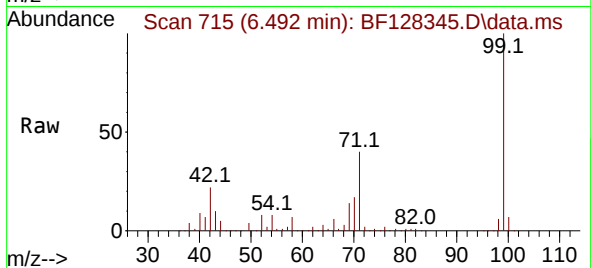




#7
Phenol-d6
Concen: 76.104 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.018 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

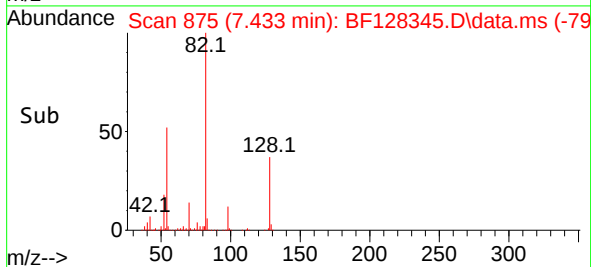
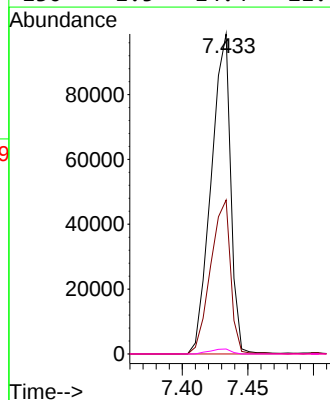
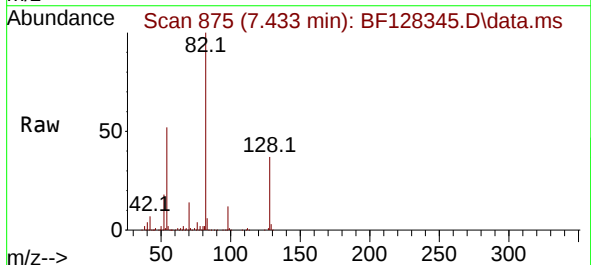
Instrument :
BNA_F
ClientSampleId :
RB-220512

Tgt Ion: 99 Resp: 496329
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 25.455 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion: 70 Resp: 102232
Ion Ratio Lower Upper
70 100
42 48.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

Instrument :

BNA_F

ClientSampleId :

RB-220512

Tgt Ion:136 Resp: 299569

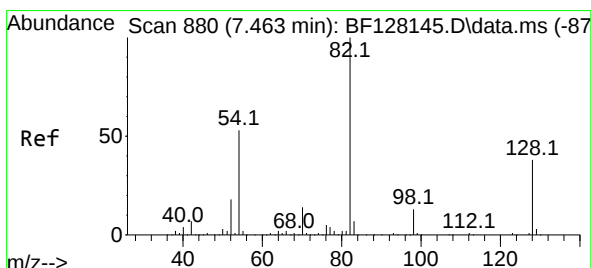
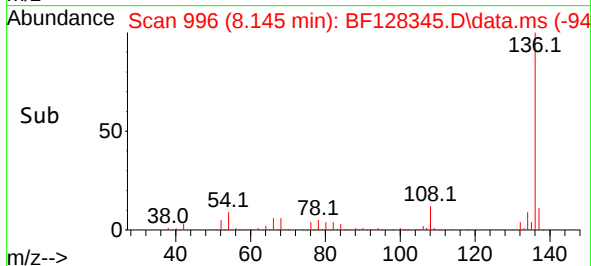
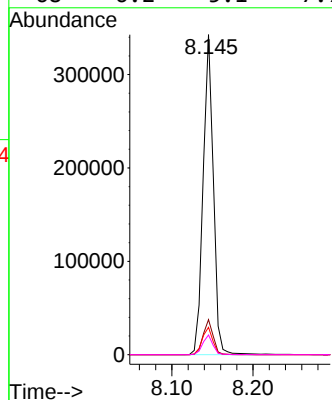
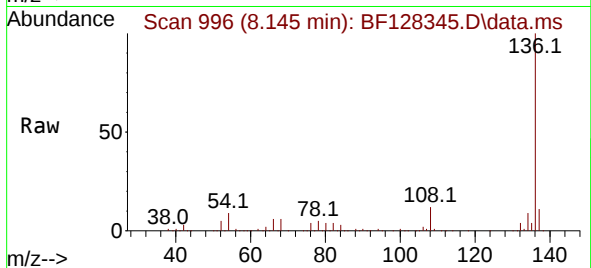
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.5 6.8 10.2

68 6.2 5.1 7.7



#23

Nitrobenzene-d5

Concen: 112.827 ng

RT: 7.433 min Scan# 875

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

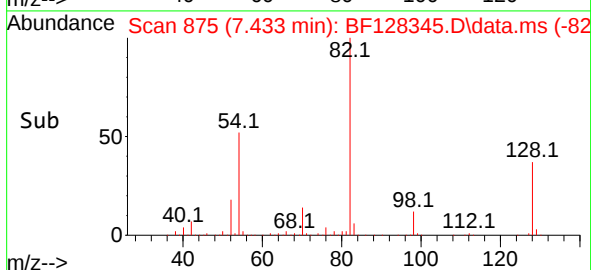
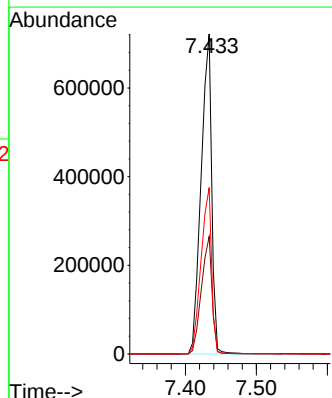
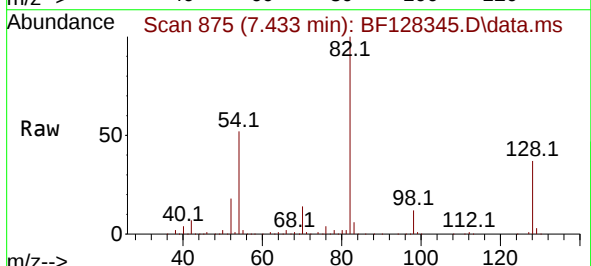
Tgt Ion: 82 Resp: 751153

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 52.0 41.3 61.9

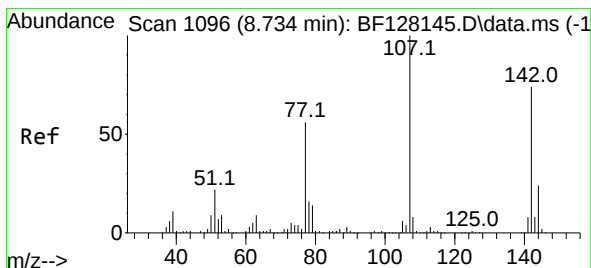
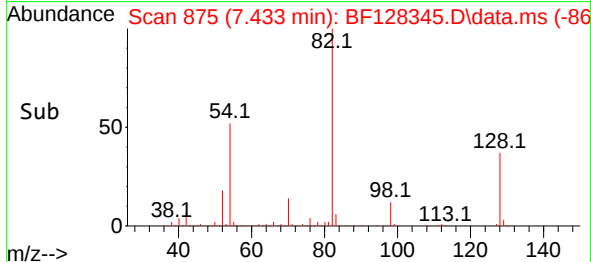
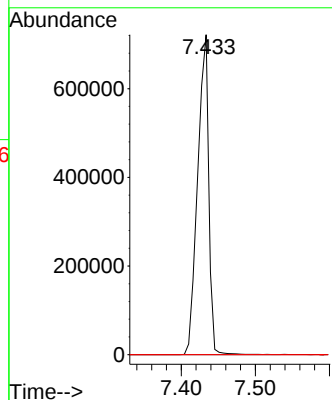
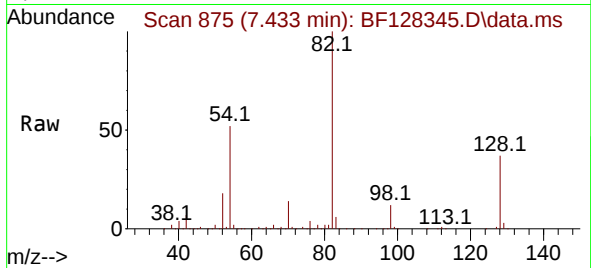




#25
Isophorone
Concen: 71.966 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

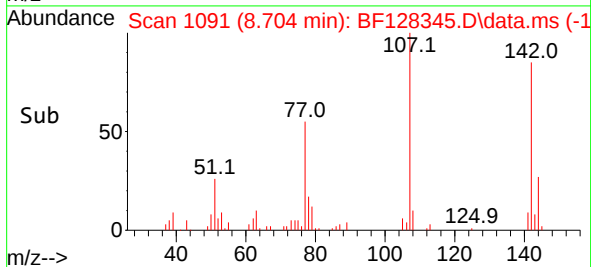
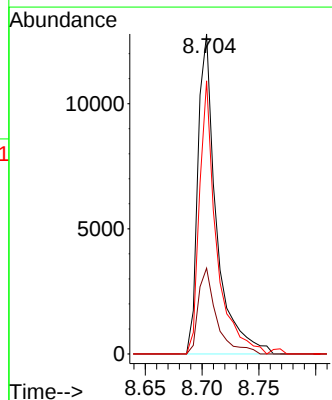
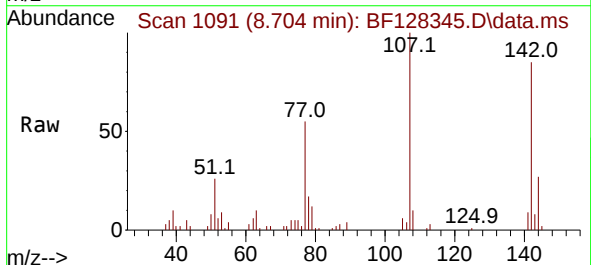
Instrument :
BNA_F
ClientSampleId :
RB-220512

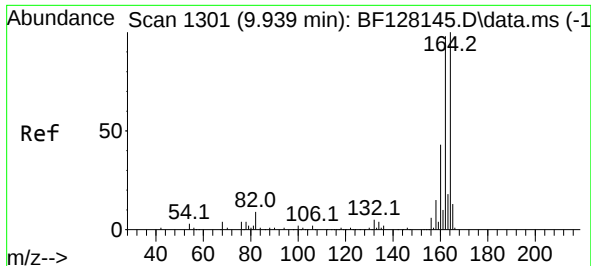
Tgt Ion: 82 Resp: 751145
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#36
4-Chloro-3-methylphenol
Concen: 2.954 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion: 107 Resp: 14432
Ion Ratio Lower Upper
107 100
144 26.8 20.2 30.4
142 85.4 61.5 92.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

Instrument :

BNA_F

ClientSampleId :

RB-220512

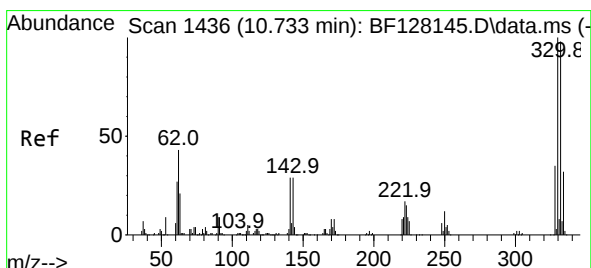
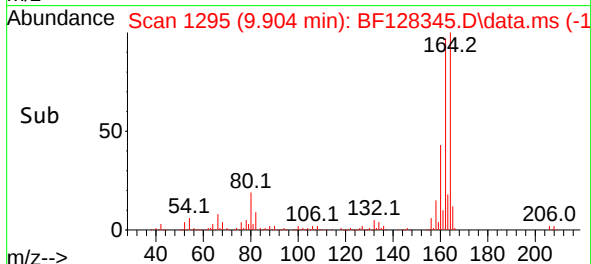
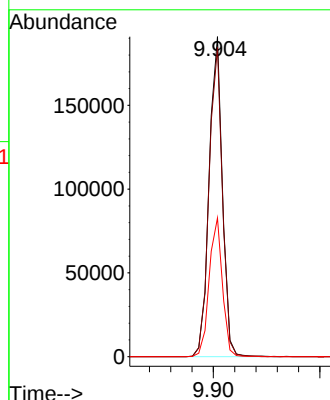
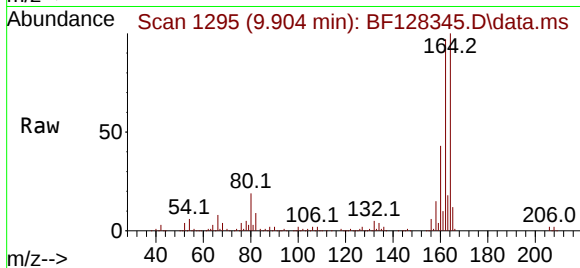
Tgt Ion:164 Resp: 165577

Ion Ratio Lower Upper

164 100

162 96.6 76.0 114.0

160 43.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 155.158 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

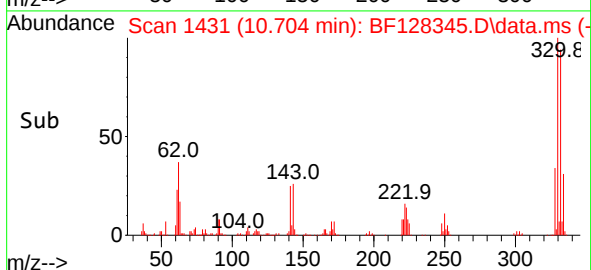
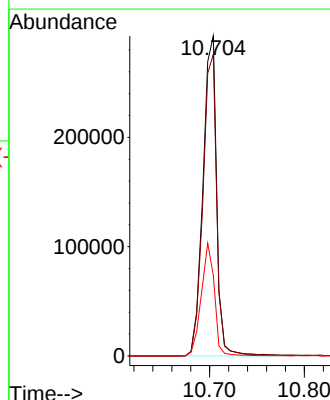
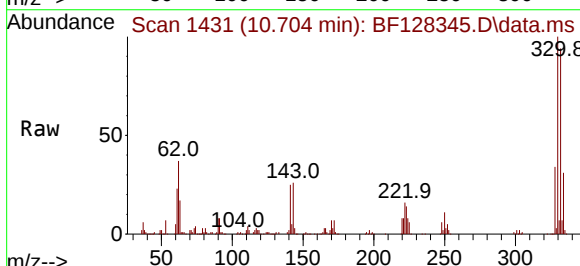
Tgt Ion:330 Resp: 294639

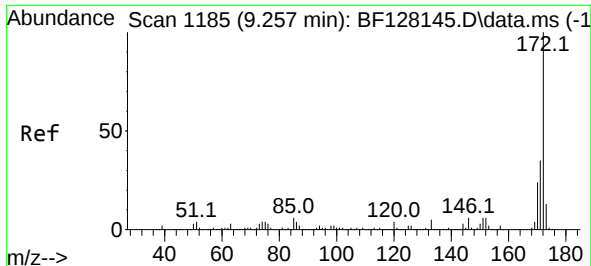
Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 34.0 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 107.833 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

Instrument :

BNA_F

ClientSampleId :

RB-220512

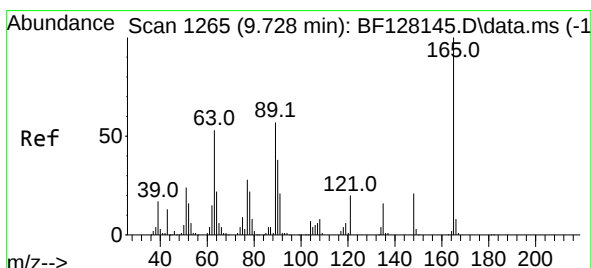
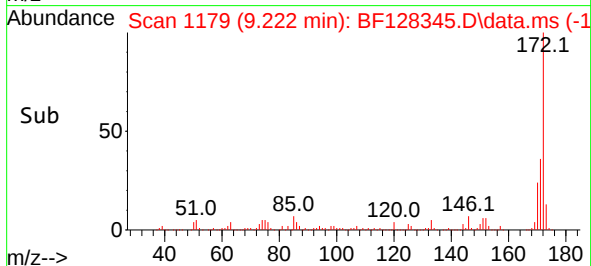
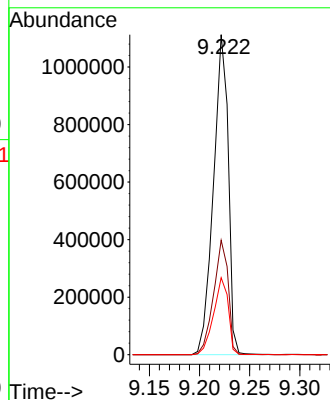
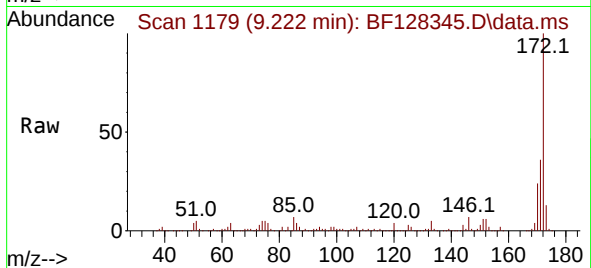
Tgt Ion:172 Resp: 1141096

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.1 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.922 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

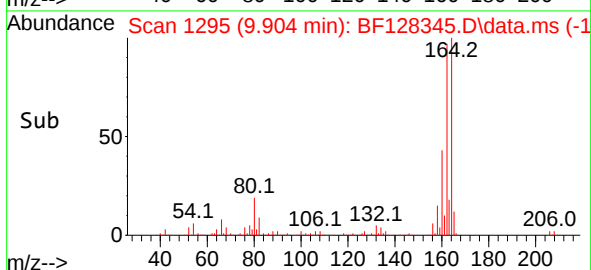
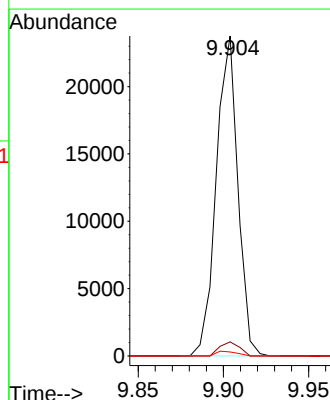
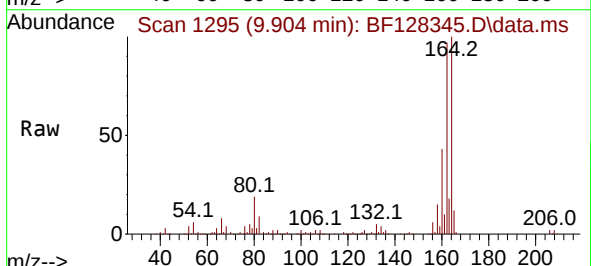
Tgt Ion:165 Resp: 20913

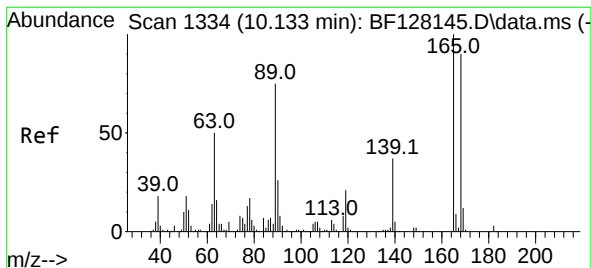
Ion Ratio Lower Upper

165 100

63 4.4 49.5 74.3#

89 1.2 49.0 73.4#

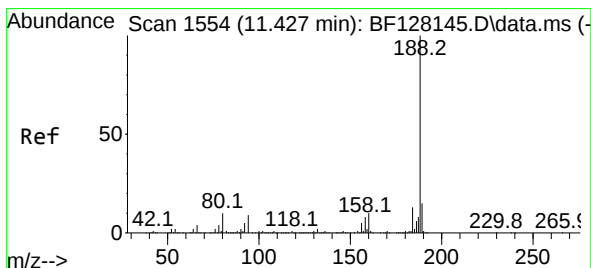
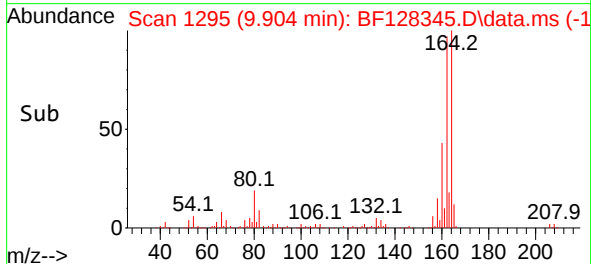
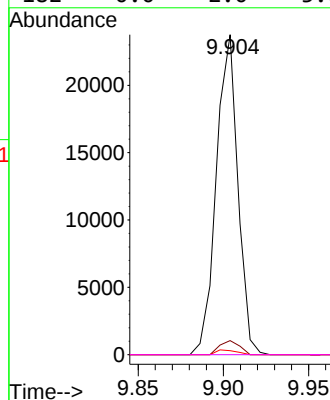
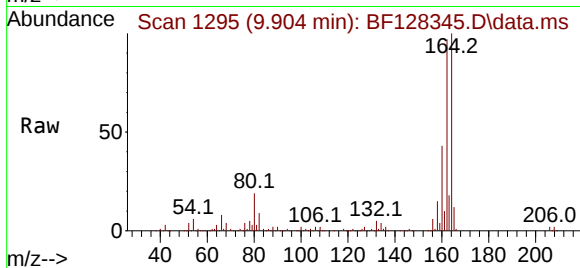




#57
2,4-Dinitrotoluene
Concen: 6.673 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

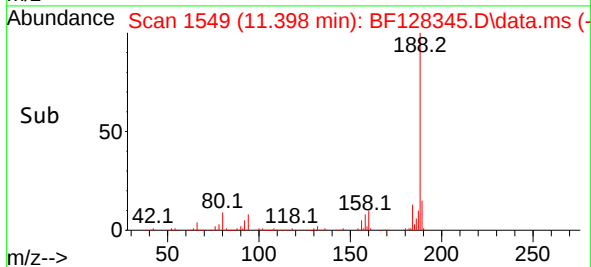
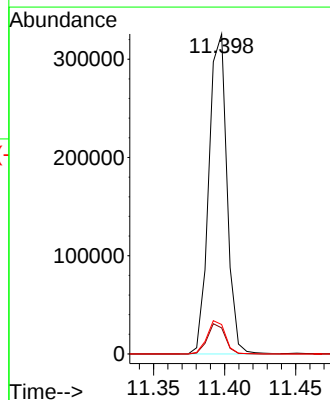
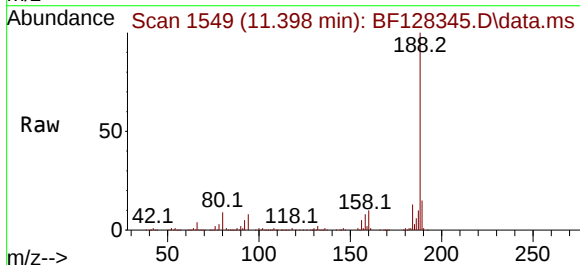
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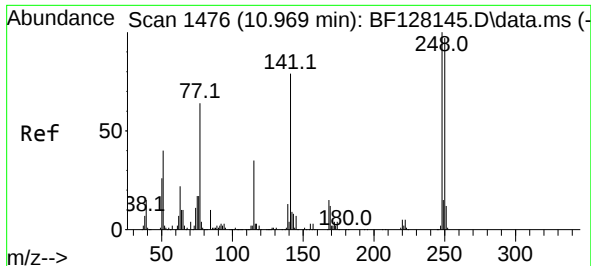
Tgt Ion:165 Resp: 20913
Ion Ratio Lower Upper
165 100
63 4.4 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion:188 Resp: 288972
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.2 8.9 13.3

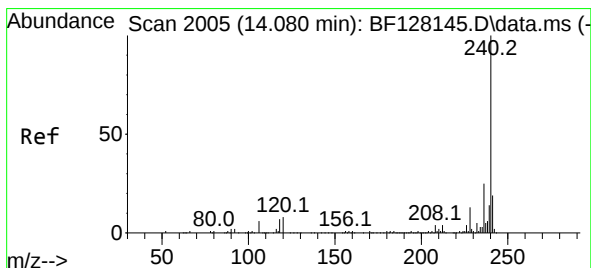
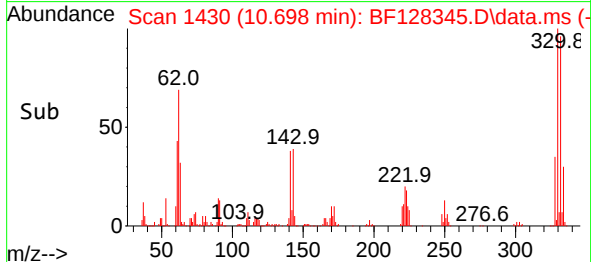
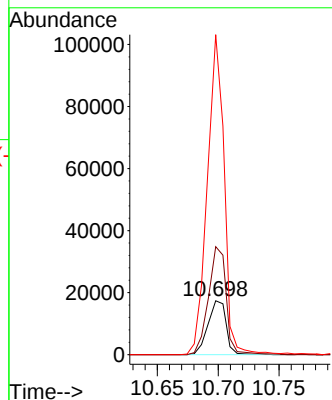
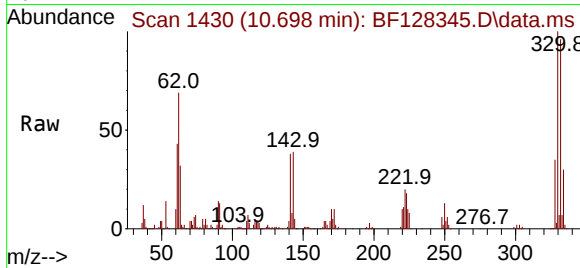




#67
4-Bromophenyl-phenylether
Concen: 5.846 ng
RT: 10.698 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

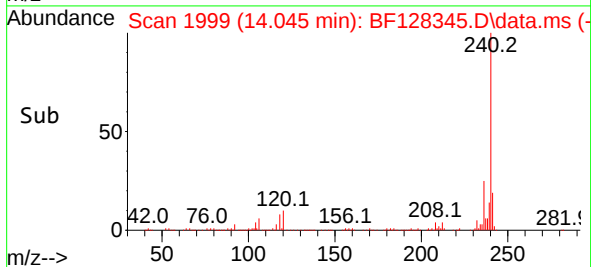
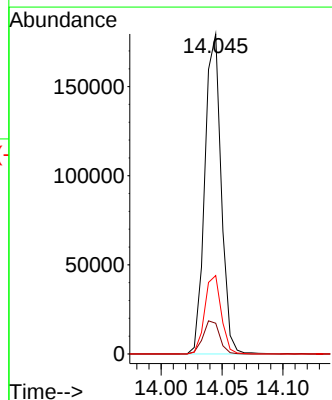
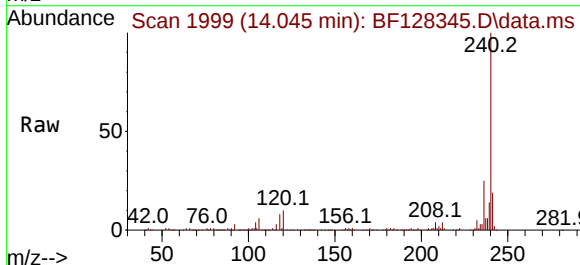
Instrument :
BNA_F
ClientSampleId :
RB-220512

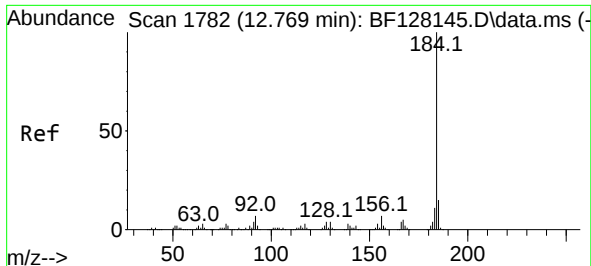
Tgt Ion:248 Resp: 18174
Ion Ratio Lower Upper
248 100
250 200.6 77.7 116.5#
141 593.7 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion:240 Resp: 167673
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 24.5 20.3 30.5

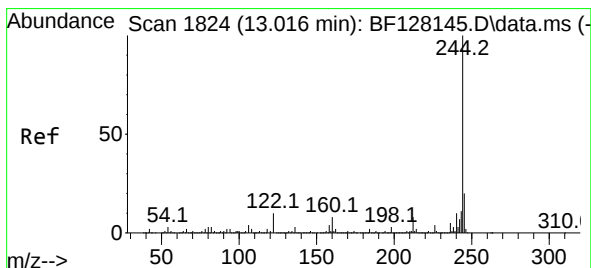
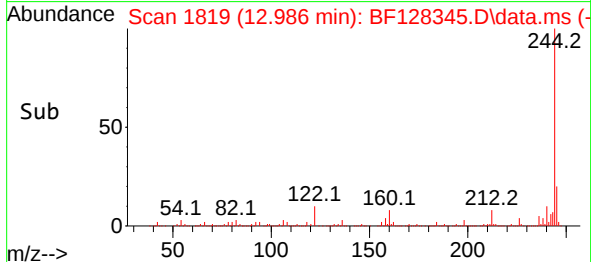
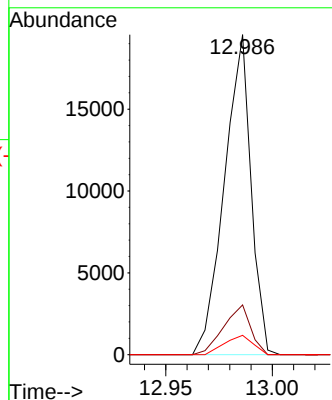
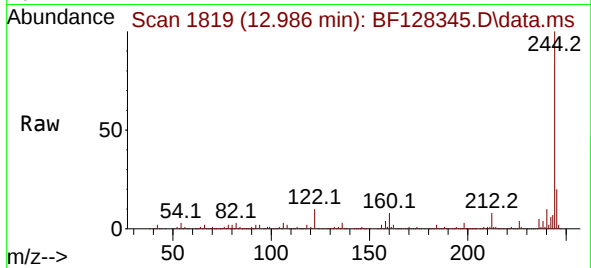




#77
Benzidine
Concen: 4.675 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

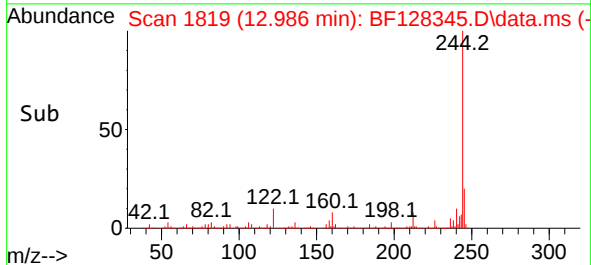
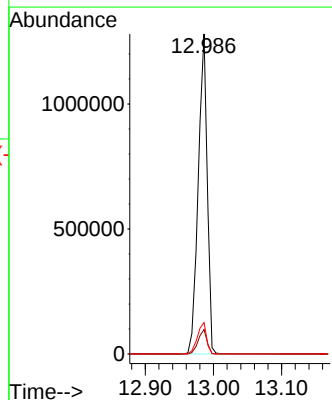
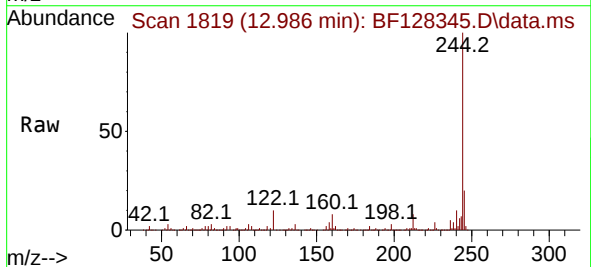
Instrument :
BNA_F
ClientSampleId :
RB-220512

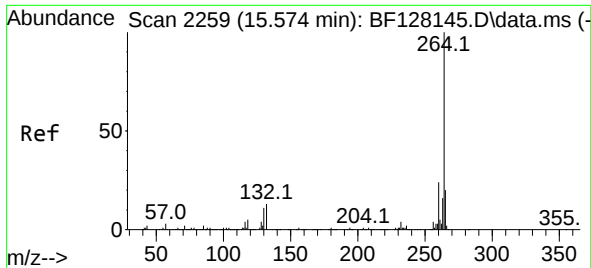
Tgt Ion:184 Resp: 16979
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 6.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 130.813 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

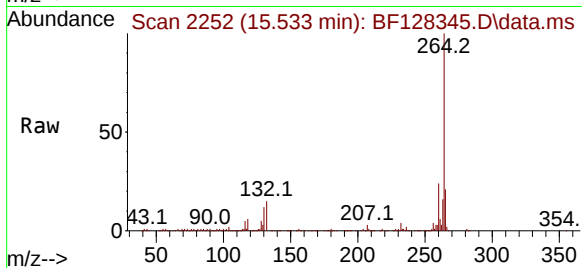
Tgt Ion:244 Resp: 1168922
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Instrument :
BNA_F
ClientSampleId :
RB-220512



Tgt Ion:264 Resp: 180915
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.2 17.5 26.3

