

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128433.D
 Acq On : 24 May 2022 14:21
 Operator : CG\JU
 Sample : N2893-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-SS002-1824-01

Quant Time: May 25 03:55:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

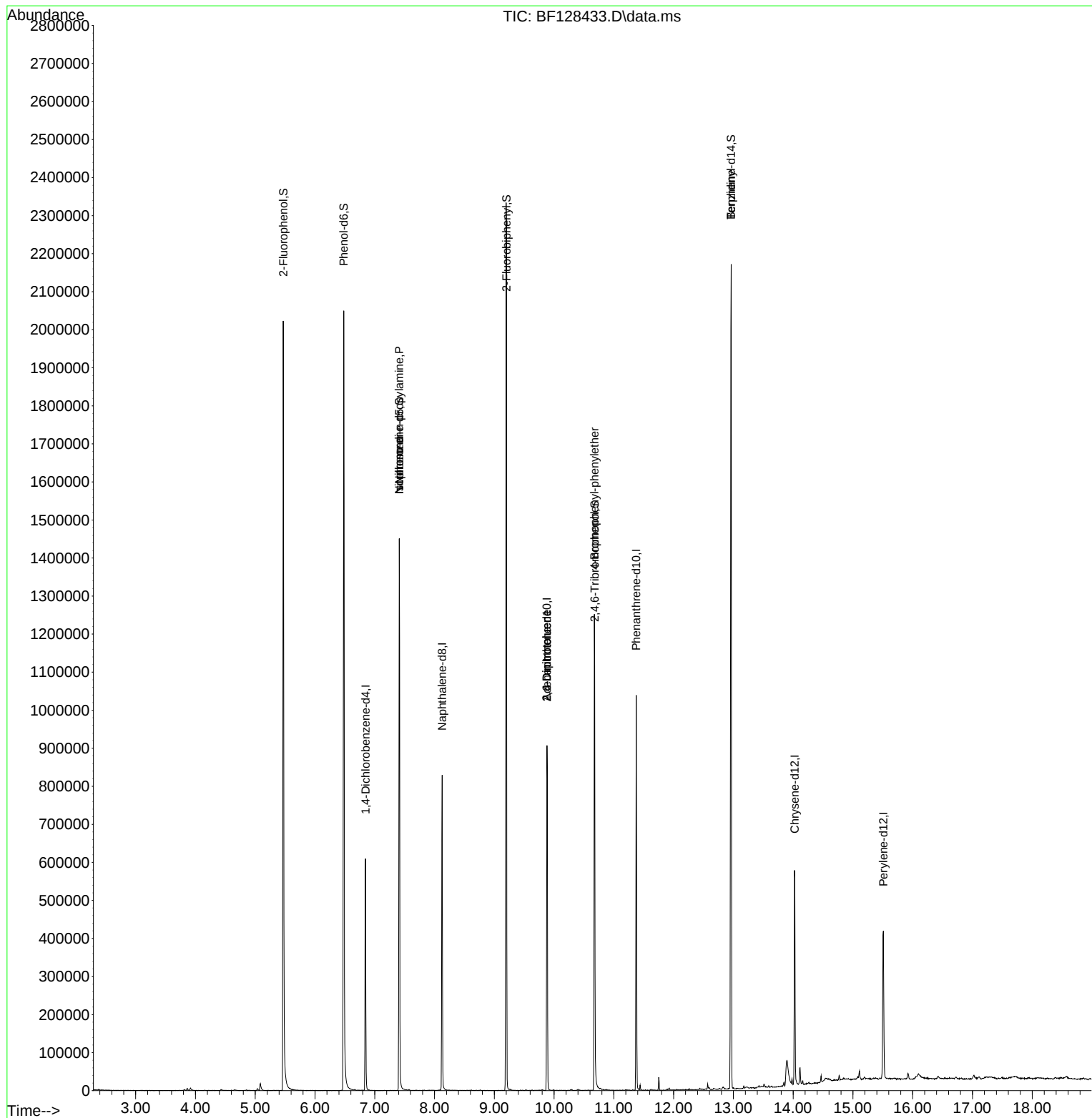
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90855	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	350716	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	193184	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	350162	20.000	ng	0.00
76) Chrysene-d12	14.027	240	203036	20.000	ng	0.00
86) Perylene-d12	15.510	264	186998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	548313	96.040	ng	0.00
7) Phenol-d6	6.481	99	705453	93.837	ng	-0.01
23) Nitrobenzene-d5	7.410	82	493490	63.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	153648	77.121	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	747364	63.266	ng	0.00
79) Terphenyl-d14	12.963	244	763140	72.558	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1428	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	65705	14.613	ng	# 79
25) Isophorone	7.410	82	493484	41.139	ng	# 68
51) 2,6-Dinitrotoluene	9.881	165	25271	9.390	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	25271	7.453	ng	# 25
67) 4-Bromophenyl-phenylether	10.675	248	8921	2.434	ng	# 1
77) Benzidine	12.963	184	11189	2.650	ng	# 92

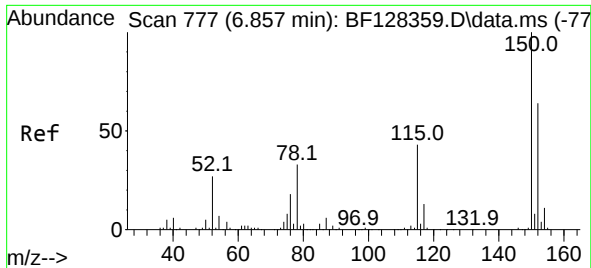
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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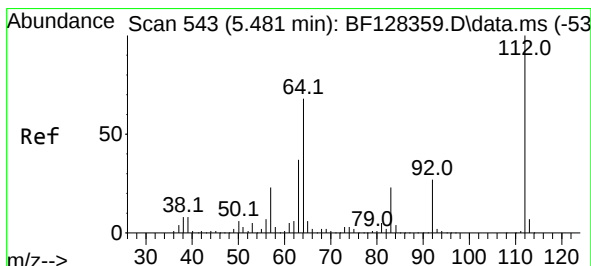
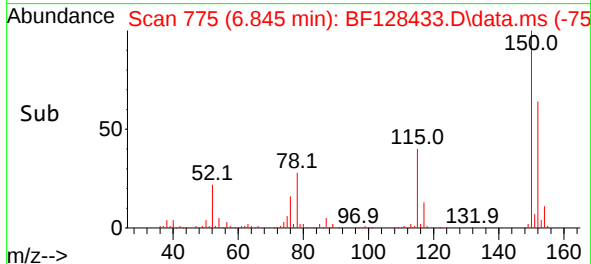
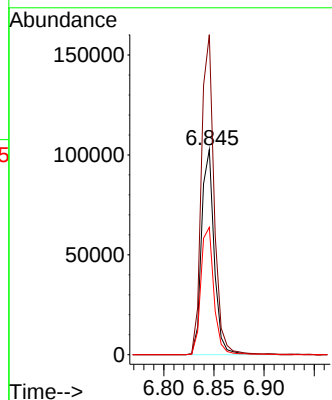
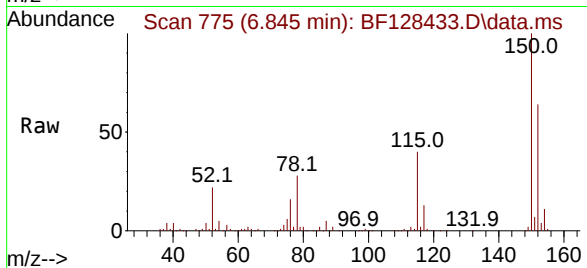




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128433.D
 Acq: 24 May 2022 14:21

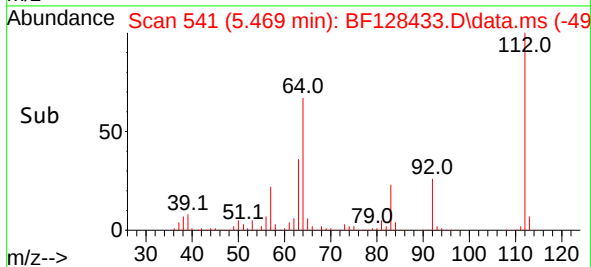
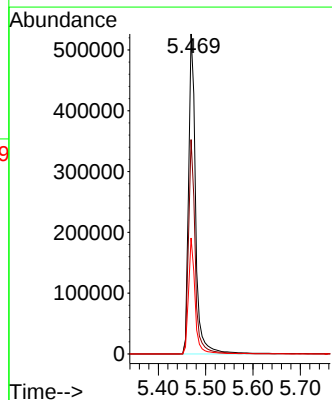
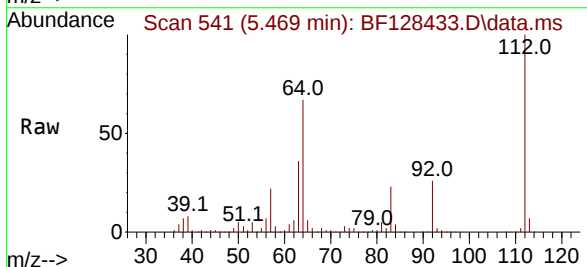
Instrument :
 BNA_F
 ClientSampleId :
 P004-SS002-1824-01

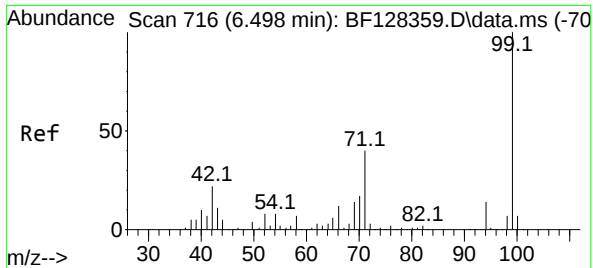
Tgt Ion:152 Resp: 90855
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 62.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.040 ng
 RT: 5.469 min Scan# 541
 Delta R.T. -0.000 min
 Lab File: BF128433.D
 Acq: 24 May 2022 14:21

Tgt Ion:112 Resp: 548313
 Ion Ratio Lower Upper
 112 100
 64 67.0 49.5 74.3
 63 36.2 26.3 39.5

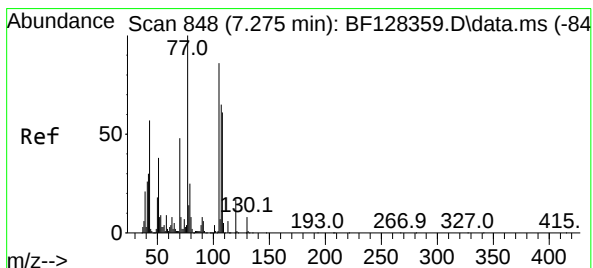
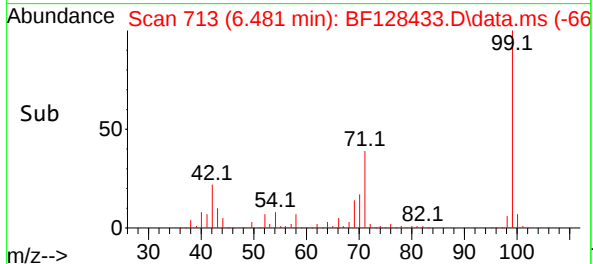
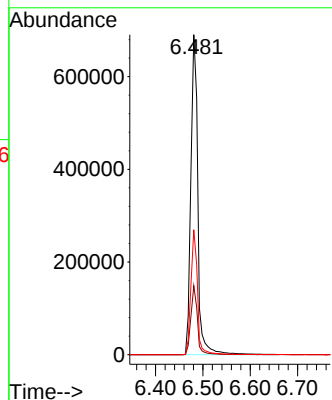
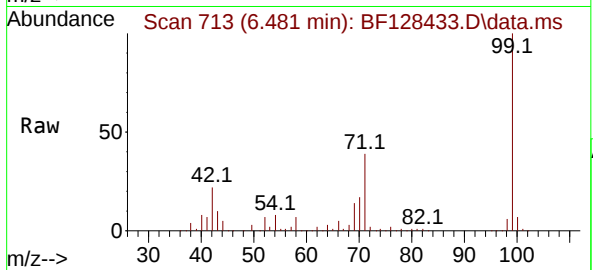




#7
Phenol-d6
Concen: 93.837 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

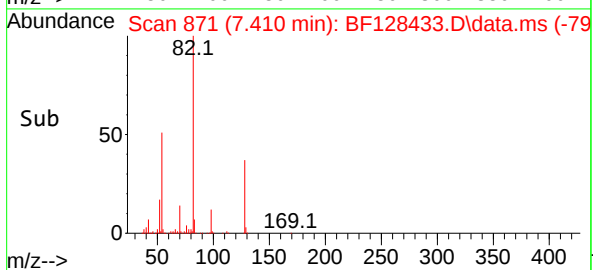
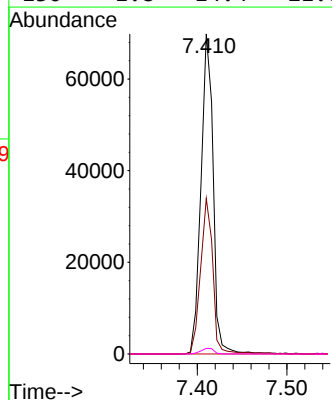
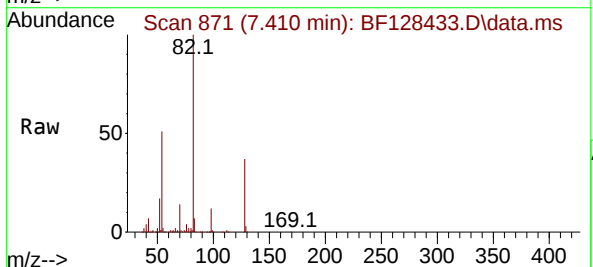
Instrument :
BNA_F
ClientSampleId :
P004-SS002-1824-01

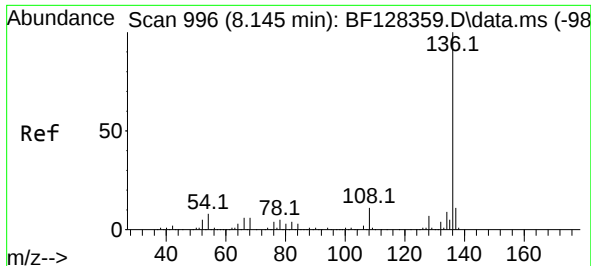
Tgt Ion: 99 Resp: 705453
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.613 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

Tgt Ion: 70 Resp: 65705
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

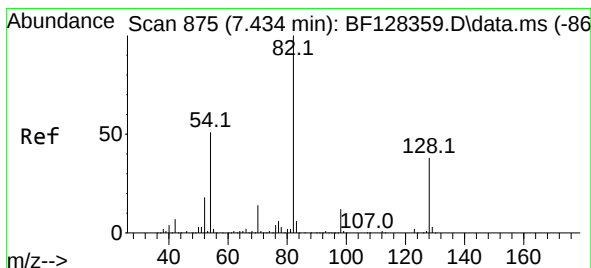
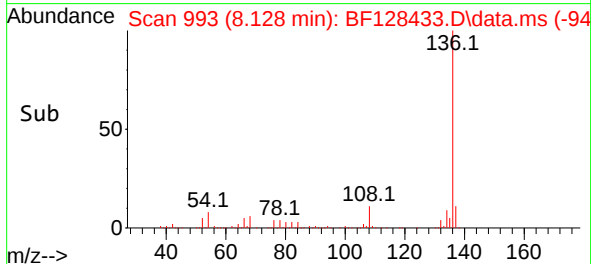
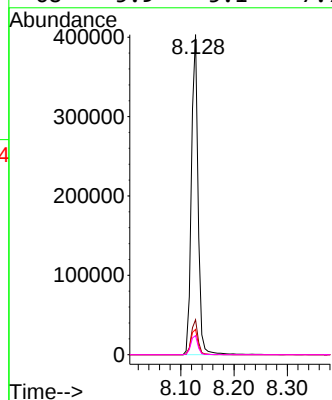
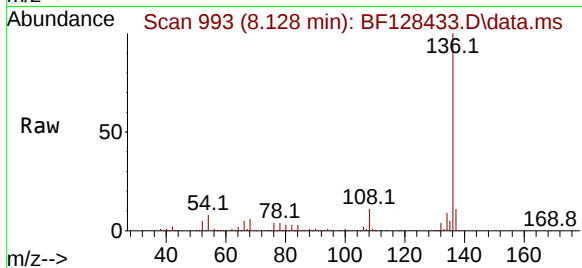




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

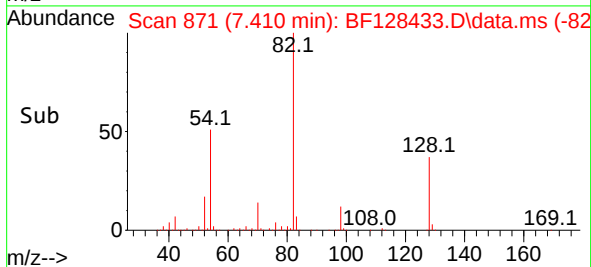
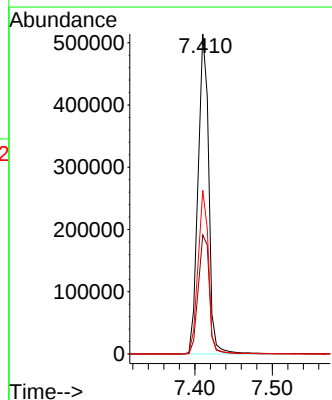
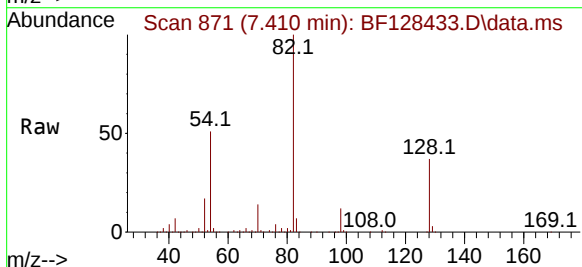
Instrument :
BNA_F
ClientSampleId :
P004-SS002-1824-01

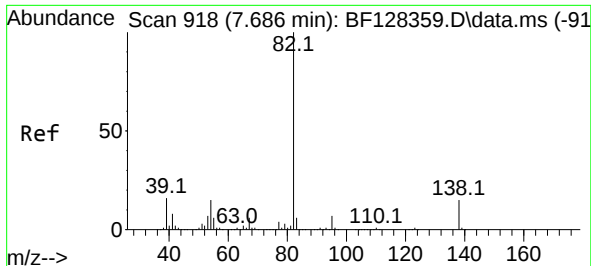
Tgt Ion:136 Resp: 350716
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.8 10.2
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 63.045 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

Tgt Ion: 82 Resp: 493490
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 51.1 41.3 61.9

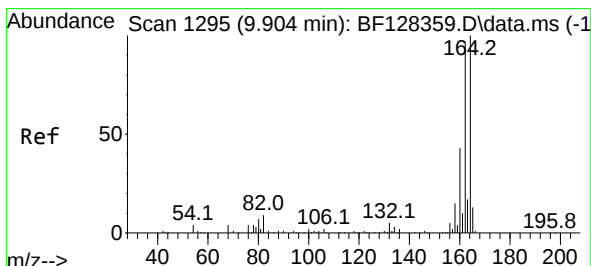
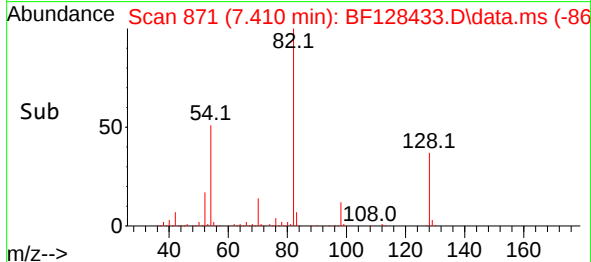
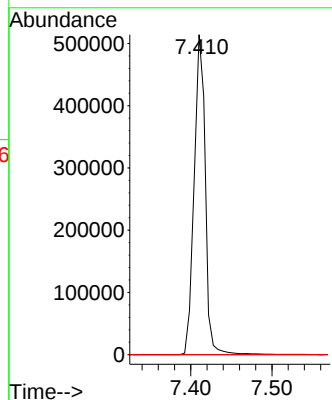
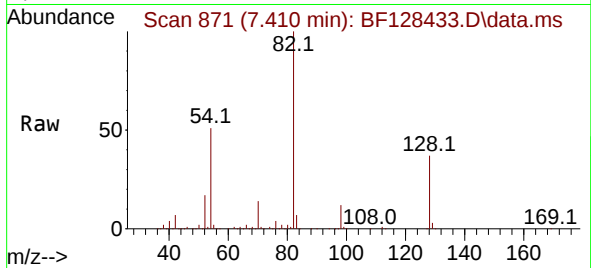




#25
Isophorone
Concen: 41.139 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

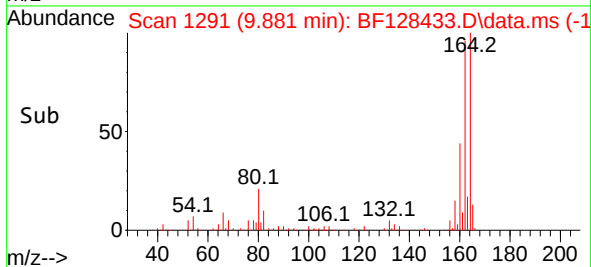
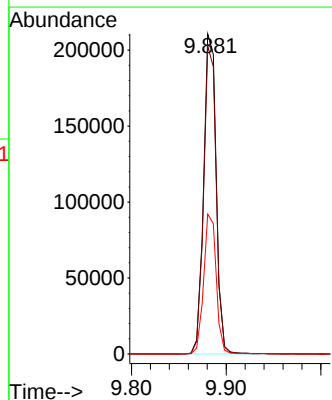
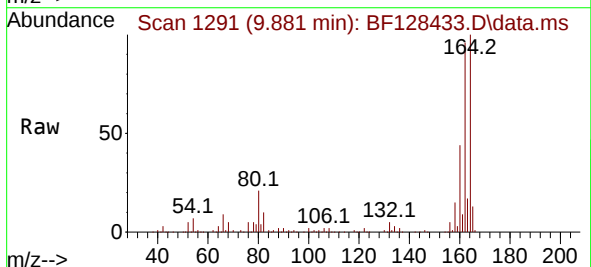
Instrument :
BNA_F
ClientSampleId :
P004-SS002-1824-01

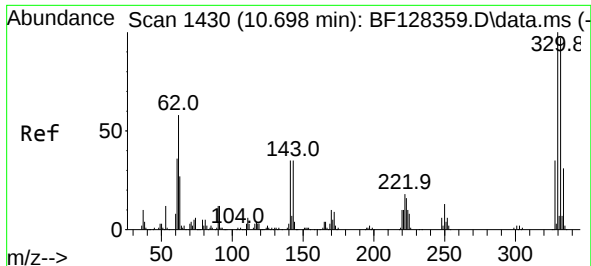
Tgt Ion: 82 Resp: 493484
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

Tgt Ion:164 Resp: 193184
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 77.121 ng

RT: 10.680 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128433.D

Acq: 24 May 2022 14:21

Instrument :

BNA_F

ClientSampleId :

P004-SS002-1824-01

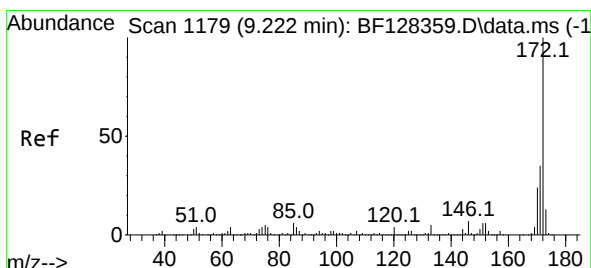
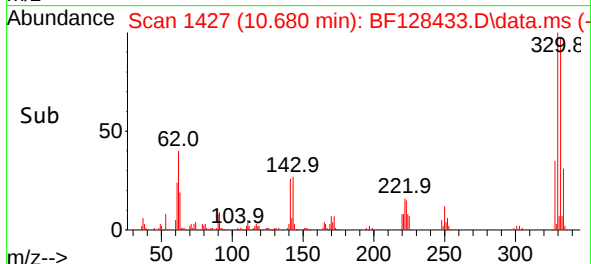
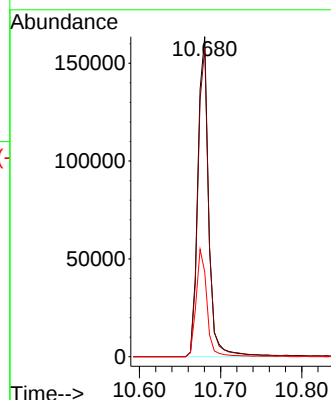
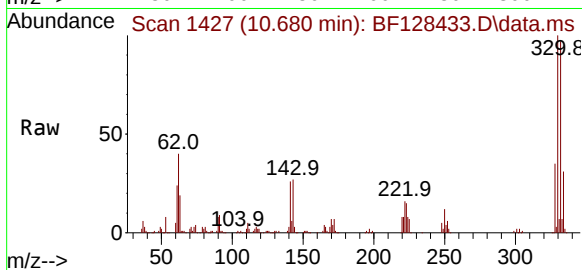
Tgt Ion:330 Resp: 153648

Ion Ratio Lower Upper

330 100

332 97.2 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.266 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128433.D

Acq: 24 May 2022 14:21

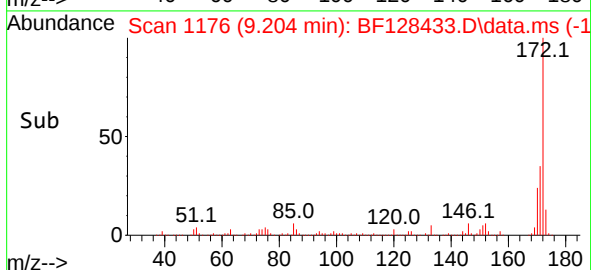
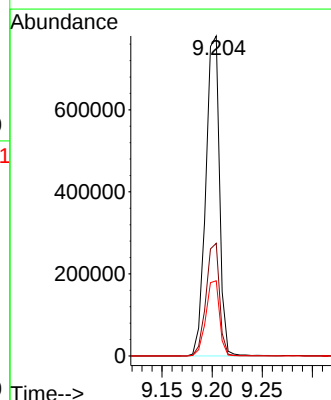
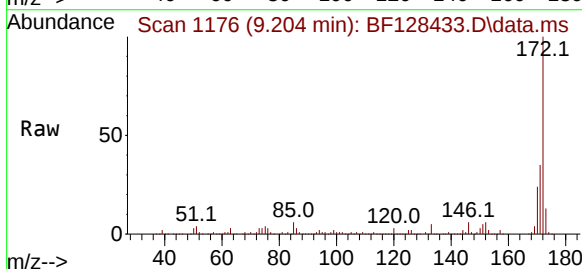
Tgt Ion:172 Resp: 747364

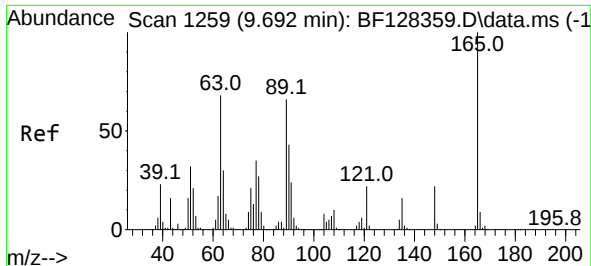
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.5 19.1 28.7

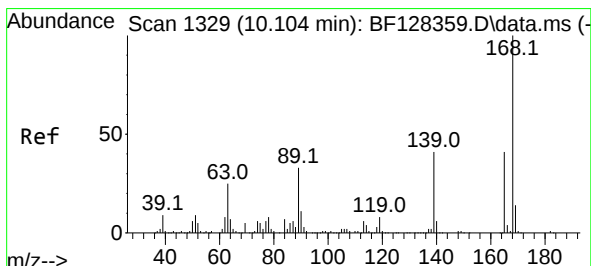
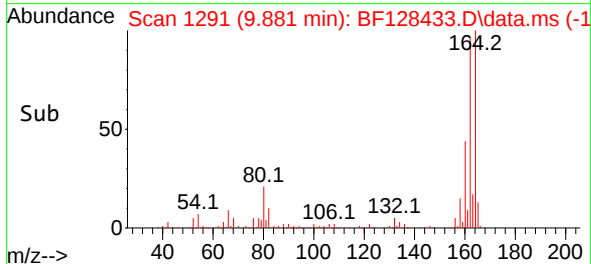
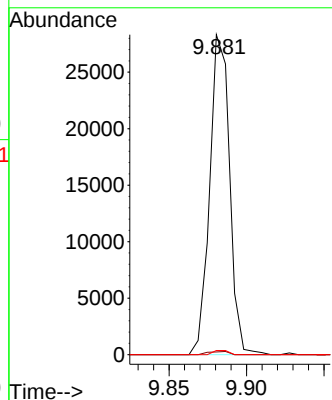
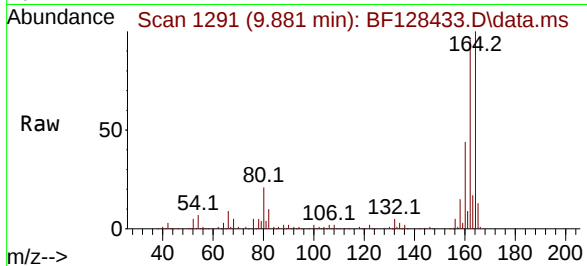




#51
2,6-Dinitrotoluene
Concen: 9.390 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

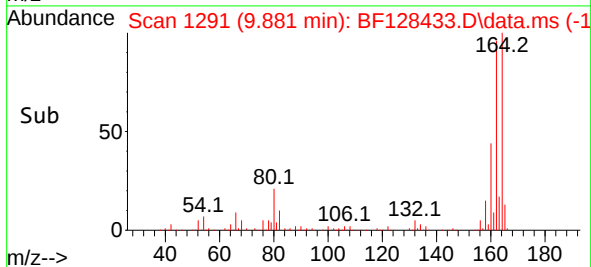
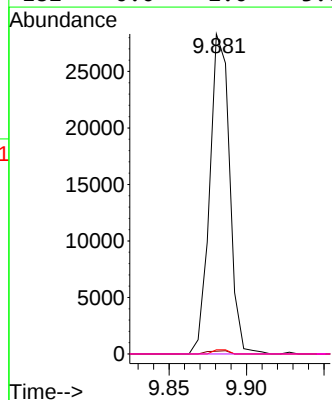
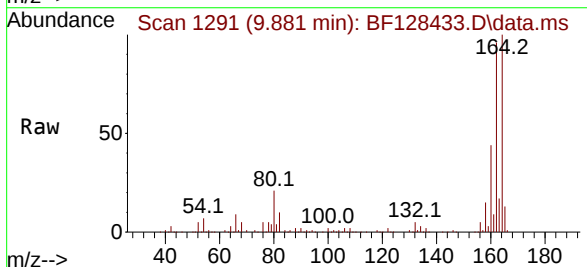
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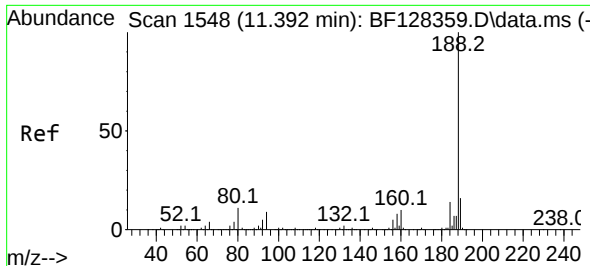
Tgt Ion:165 Resp: 25271
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.453 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

Tgt Ion:165 Resp: 25271
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

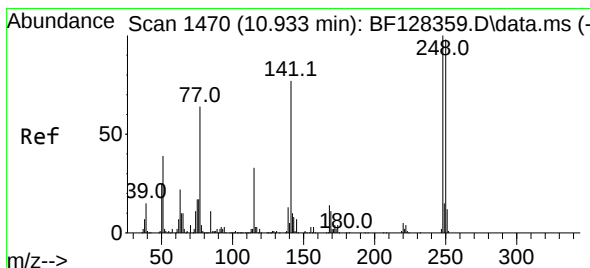
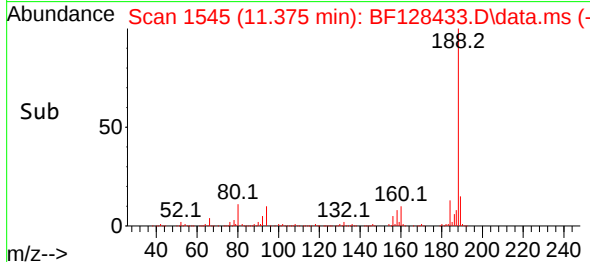
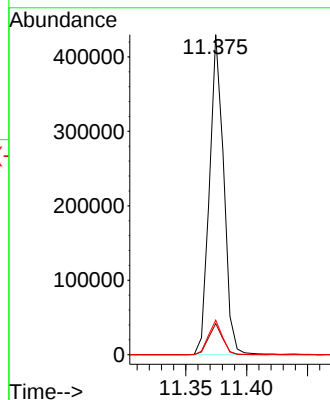
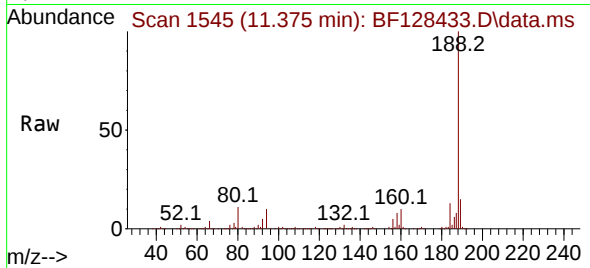




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

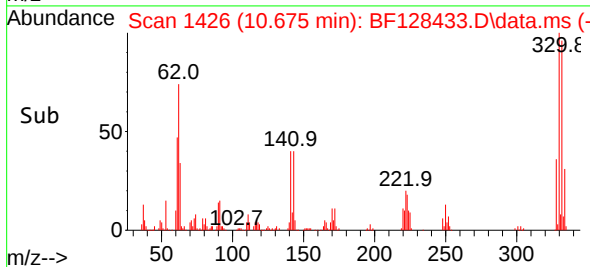
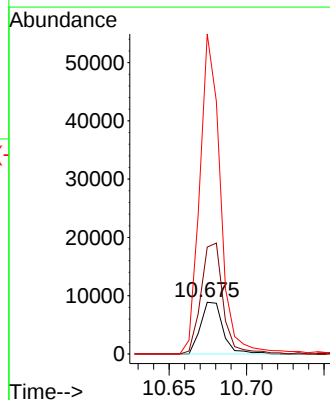
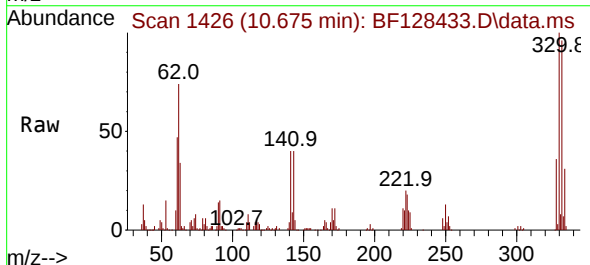
Instrument :
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P004-SS002-1824-01

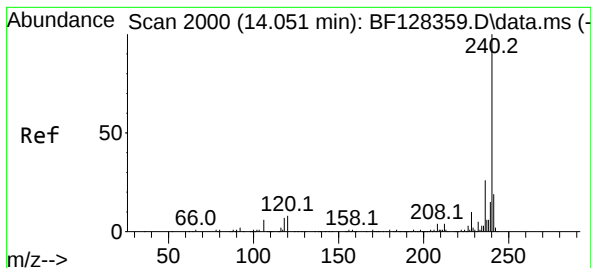
Tgt Ion:188 Resp: 350162
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.434 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.241 min
Lab File: BF128433.D
Acq: 24 May 2022 14:21

Tgt Ion:248 Resp: 8921
Ion Ratio Lower Upper
248 100
250 207.0 77.7 116.5#
141 619.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF128433.D

Acq: 24 May 2022 14:21

Instrument :

BNA_F

ClientSampleId :

P004-SS002-1824-01

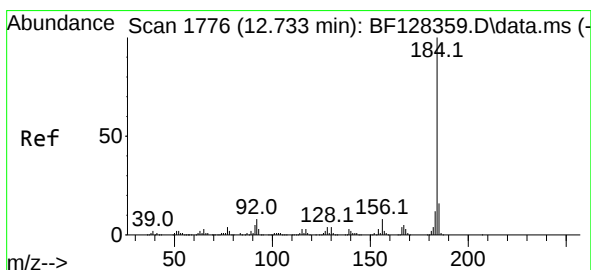
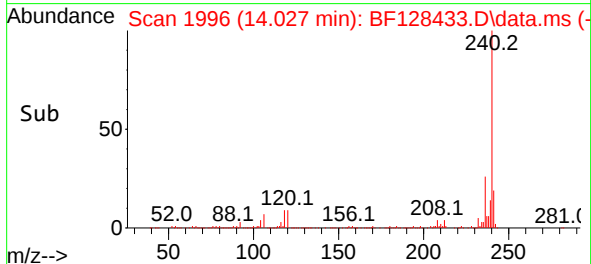
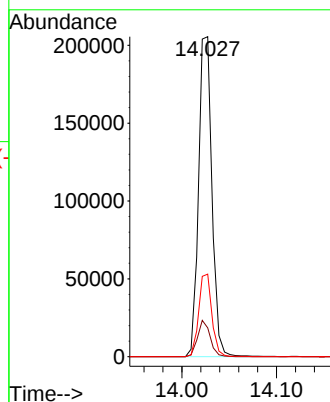
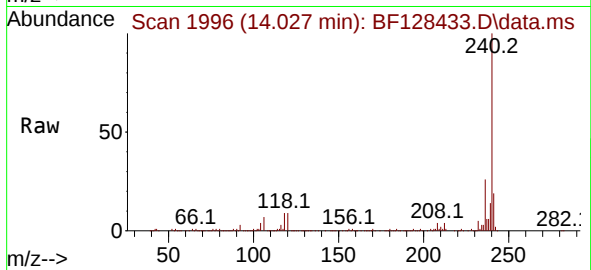
Tgt Ion:240 Resp: 203036

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.8 20.3 30.5



#77

Benzdine

Concen: 2.650 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.241 min

Lab File: BF128433.D

Acq: 24 May 2022 14:21

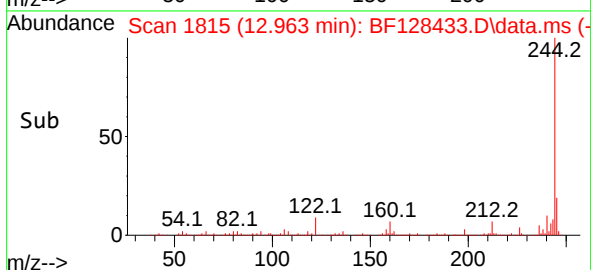
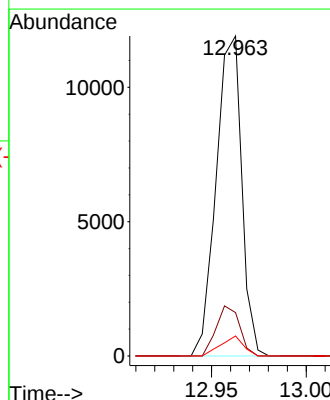
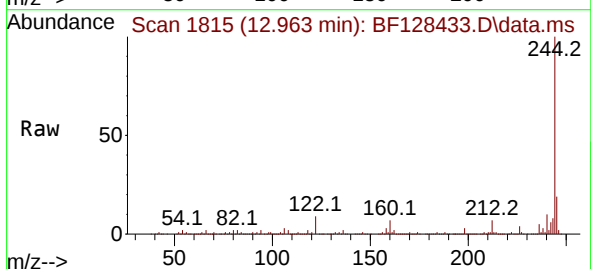
Tgt Ion:184 Resp: 11189

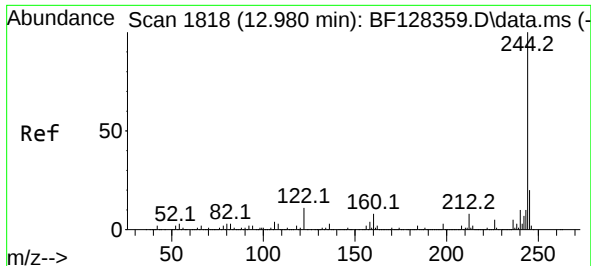
Ion Ratio Lower Upper

184 100

185 13.6 12.1 18.1

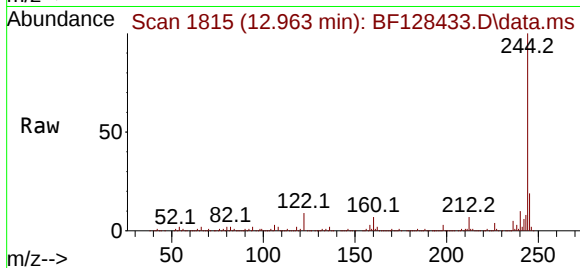
183 6.2 9.0 13.4#



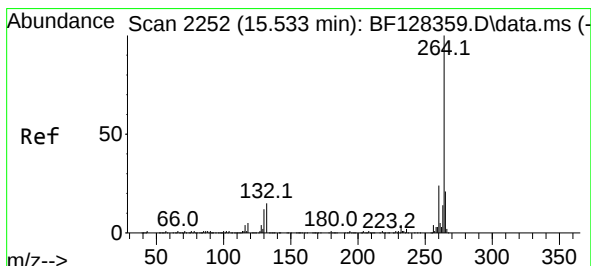
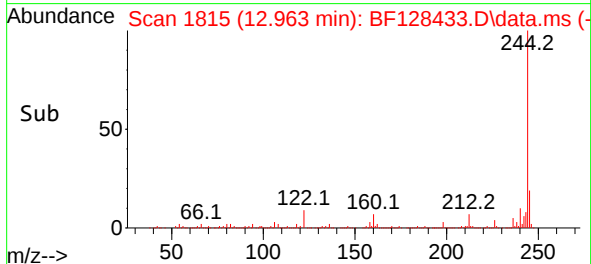
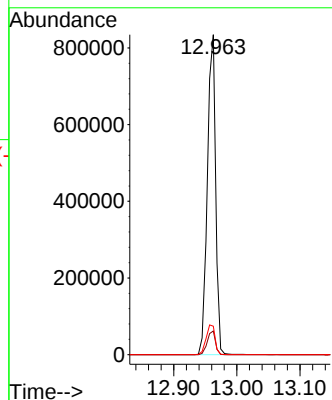


#79
 Terphenyl-d14
 Concen: 72.558 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128433.D
 Acq: 24 May 2022 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P004-SS002-1824-01



Tgt Ion:244 Resp: 763140
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: BF128433.D
 Acq: 24 May 2022 14:21

Tgt Ion:264 Resp: 186998
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.6 17.5 26.3

