

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128435.D
 Acq On : 24 May 2022 15:19
 Operator : CG\JU
 Sample : N2981-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-2

Quant Time: May 25 03:55:12 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)

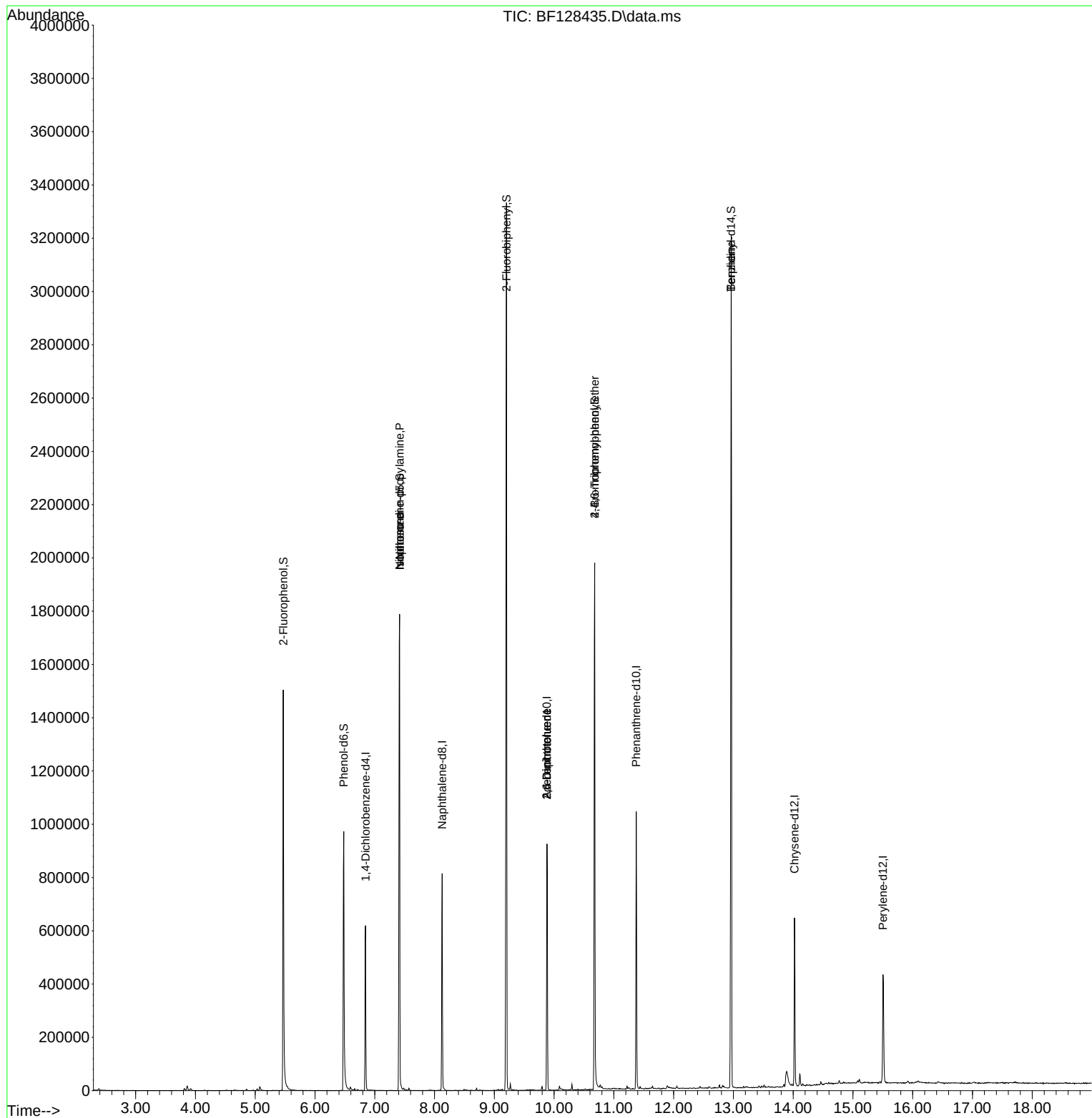
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90888	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	348877	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	191977	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	362558	20.000	ng	0.00
76) Chrysene-d12	14.021	240	216748	20.000	ng	#-0.01
86) Perylene-d12	15.504	264	191767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	404376	70.803	ng	0.00
7) Phenol-d6	6.481	99	354196	47.097	ng	-0.01
23) Nitrobenzene-d5	7.416	82	653578	83.937	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	238528	120.478	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1019113	86.812	ng	0.00
79) Terphenyl-d14	12.963	244	1142162	101.724	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	518	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.416	70	87454	19.444	ng	# 78
25) Isophorone	7.416	82	653574	54.772	ng	# 68
51) 2,6-Dinitrotoluene	9.880	165	25632	9.584	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	25632	7.607	ng	# 25
67) 4-Bromophenyl-phenylether	10.680	248	14639	3.858	ng	# 1
77) Benizidine	12.963	184	16540	3.669	ng	# 95

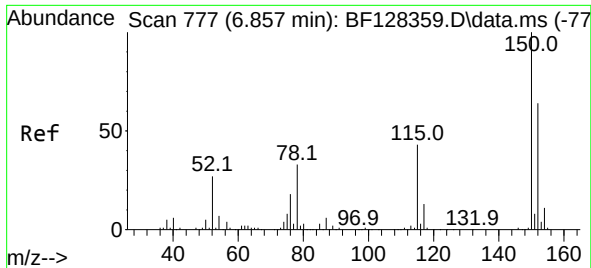
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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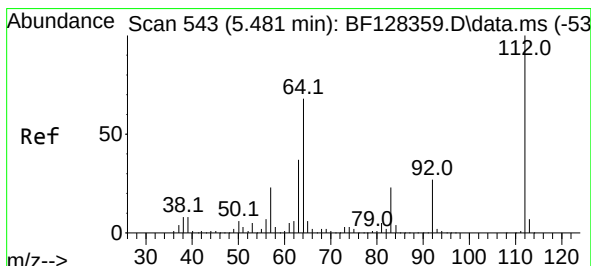
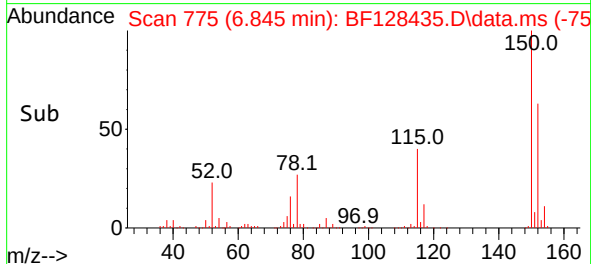
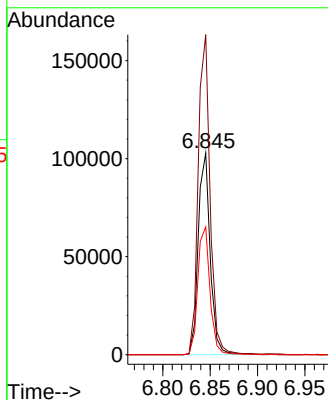
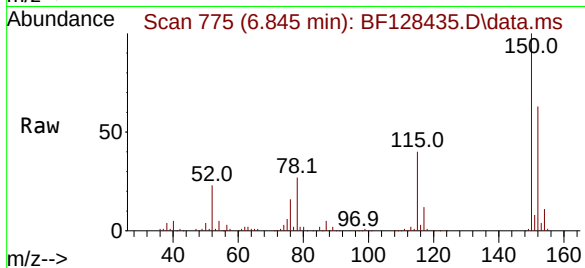




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

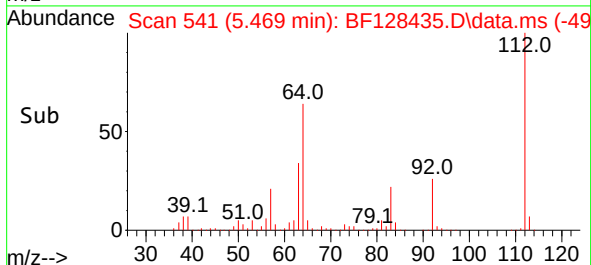
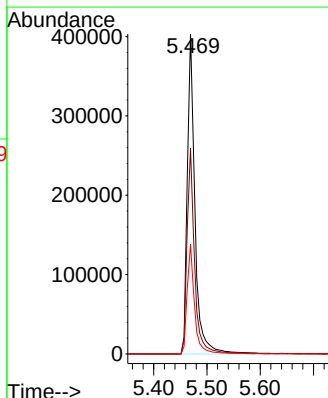
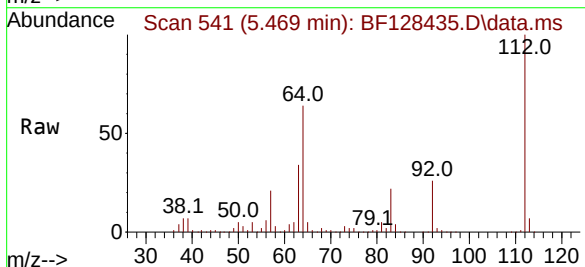
Instrument :
BNA_F
ClientSampleId :
TGMP-2

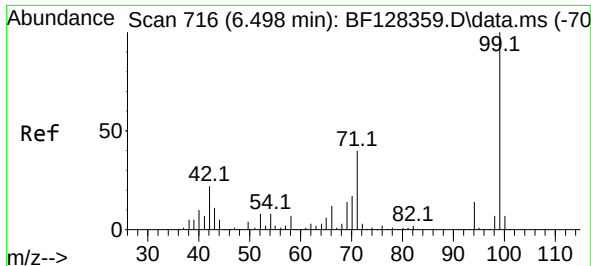
Tgt Ion:152 Resp: 90888
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 70.803 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion:112 Resp: 404376
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 34.3 26.3 39.5

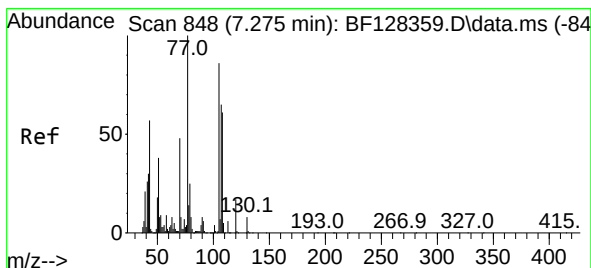
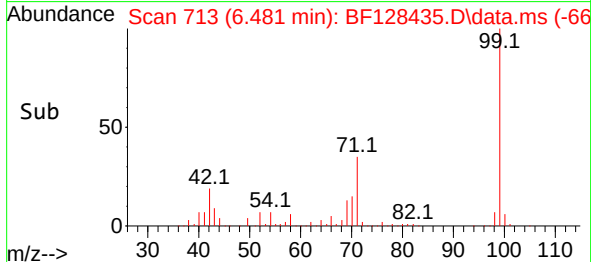
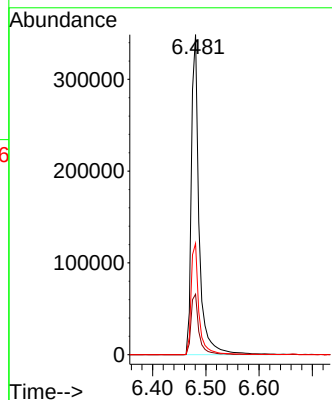
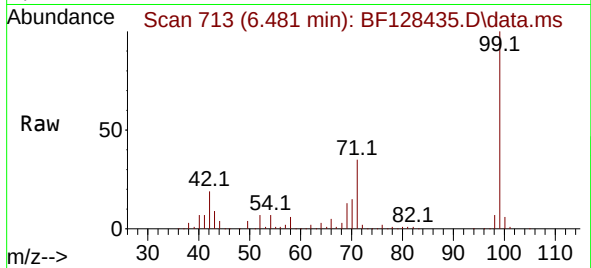




#7
Phenol-d6
Concen: 47.097 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

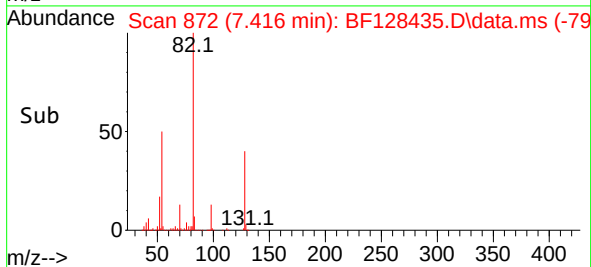
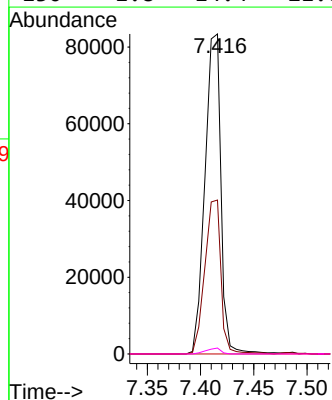
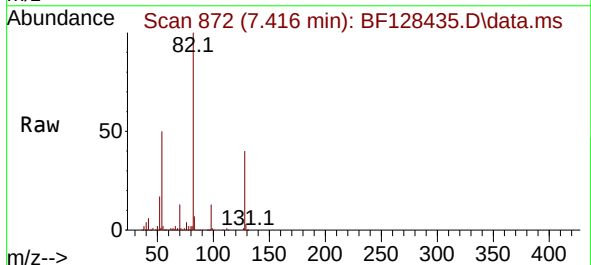
Instrument :
BNA_F
ClientSampleId :
TGMP-2

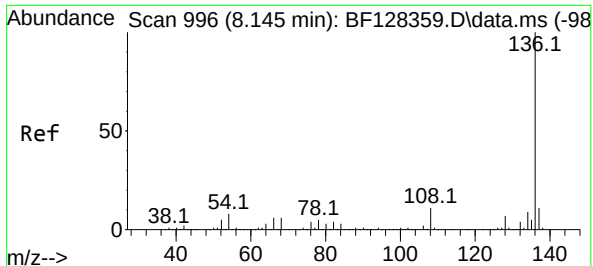
Tgt Ion: 99 Resp: 354196
Ion Ratio Lower Upper
99 100
42 18.9 16.6 24.8
71 34.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.444 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion: 70 Resp: 87454
Ion Ratio Lower Upper
70 100
42 48.1 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# 996

Delta R.T. -0.000 min

Lab File: BF128435.D

Acq: 24 May 2022 15:19

Instrument :

BNA_F

ClientSampleId :

TGMP-2

Tgt Ion:136 Resp: 348877

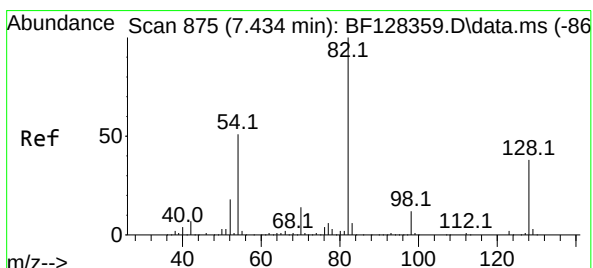
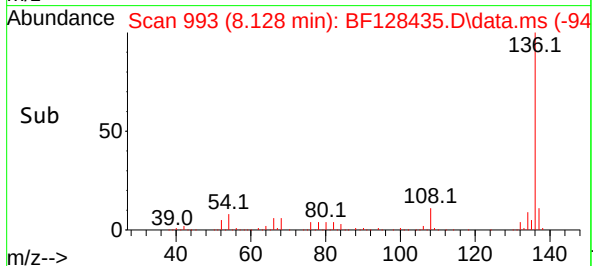
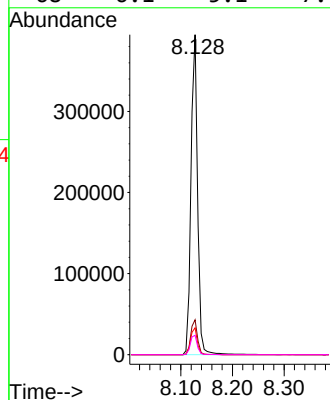
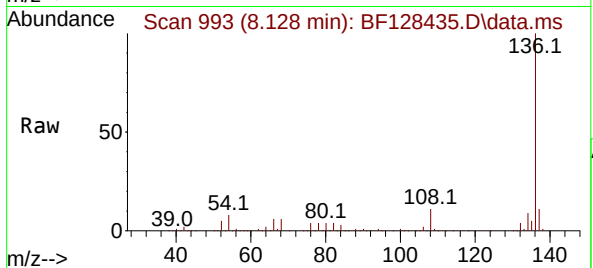
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.4 6.8 10.2

68 6.1 5.1 7.7



#23

Nitrobenzene-d5

Concen: 83.937 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF128435.D

Acq: 24 May 2022 15:19

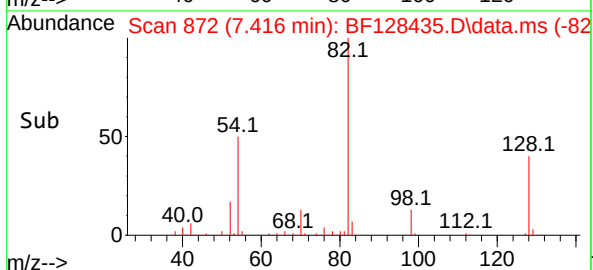
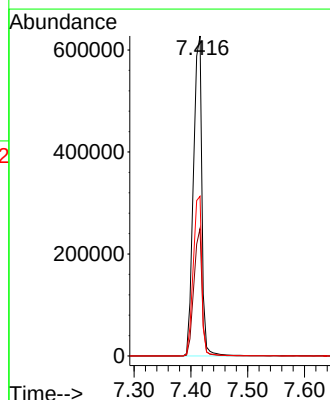
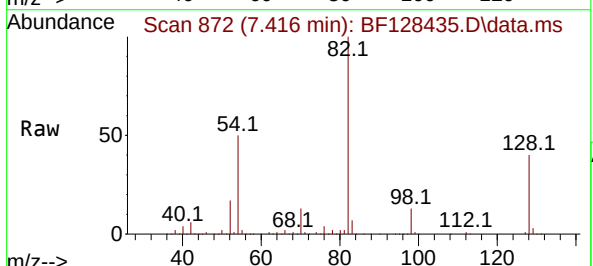
Tgt Ion: 82 Resp: 653578

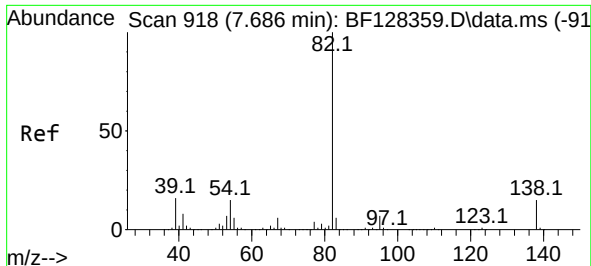
Ion Ratio Lower Upper

82 100

128 39.8 30.0 45.0

54 49.9 41.3 61.9

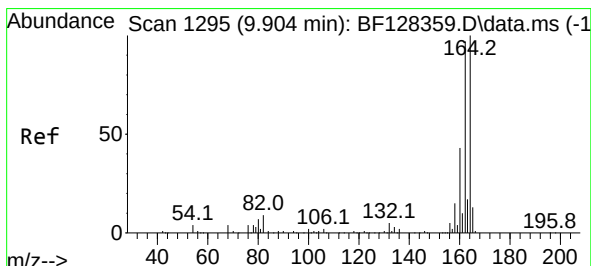
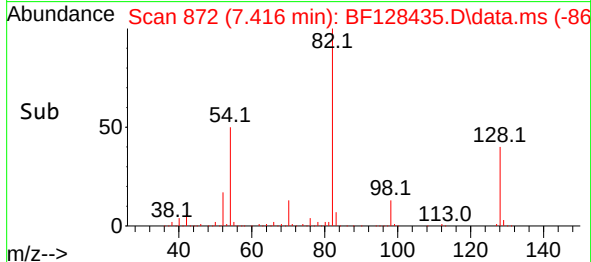
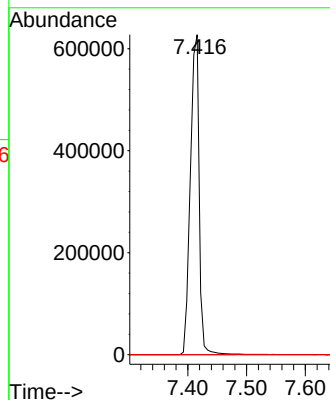
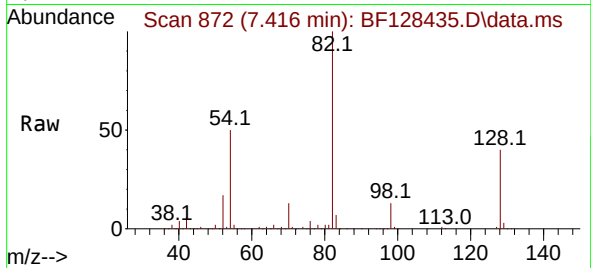




#25
Isophorone
Concen: 54.772 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

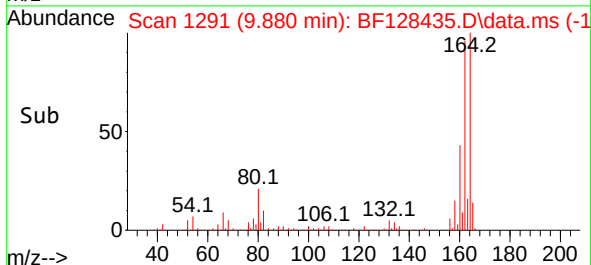
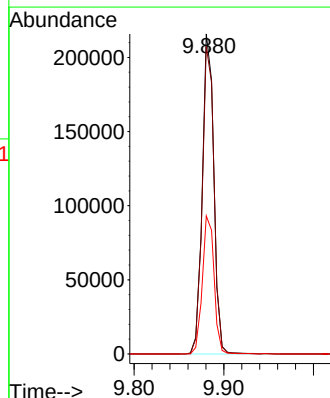
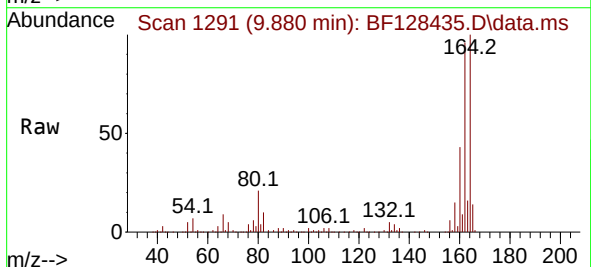
Instrument :
BNA_F
ClientSampleId :
TGMP-2

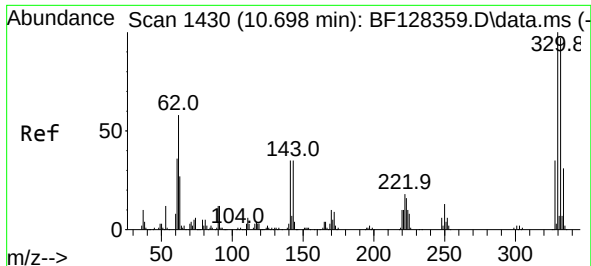
Tgt Ion: 82 Resp: 653574
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion:164 Resp: 191977
Ion Ratio Lower Upper
164 100
162 96.1 76.0 114.0
160 43.1 34.8 52.2

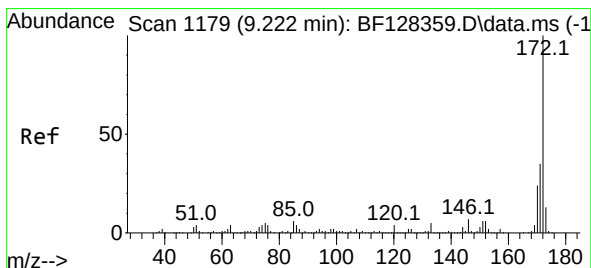
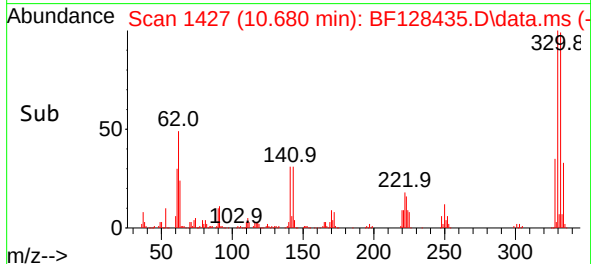
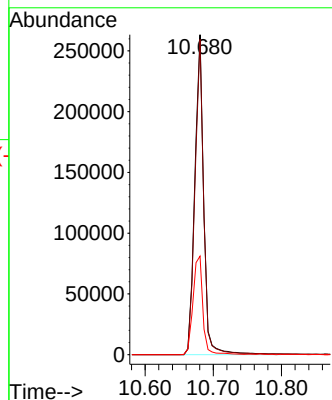
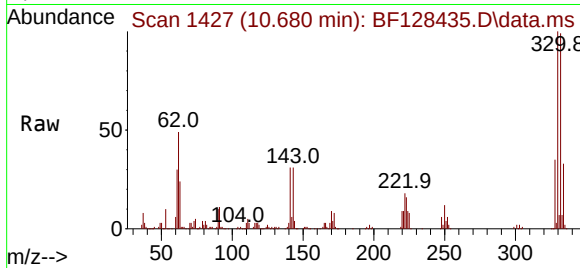




#42
 2,4,6-Tribromophenol
 Concen: 120.478 ng
 RT: 10.680 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BF128435.D
 Acq: 24 May 2022 15:19

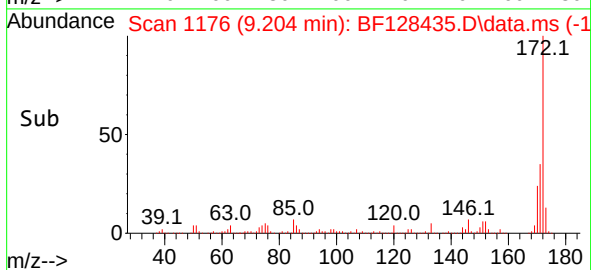
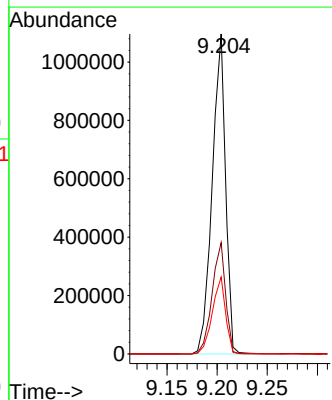
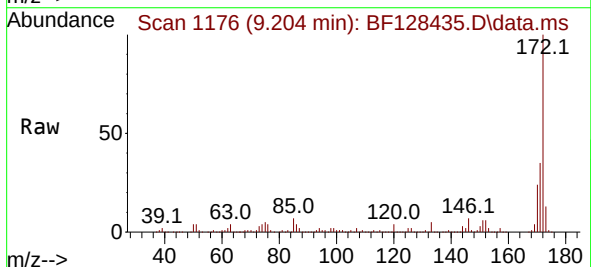
Instrument :
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 ClientSampleId :
 TGMP-2

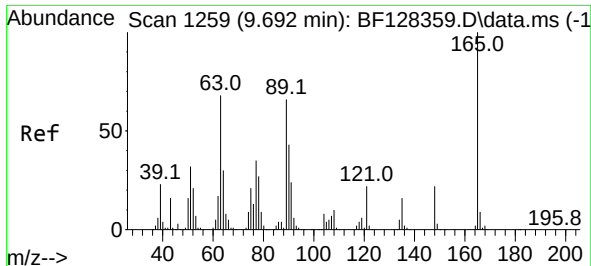
Tgt Ion:330 Resp: 238528
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 33.9 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 86.812 ng
 RT: 9.204 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BF128435.D
 Acq: 24 May 2022 15:19

Tgt Ion:172 Resp: 1019113
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 24.1 19.1 28.7

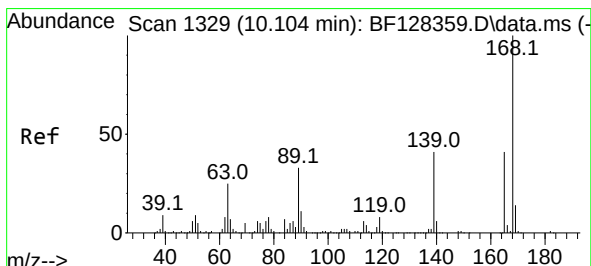
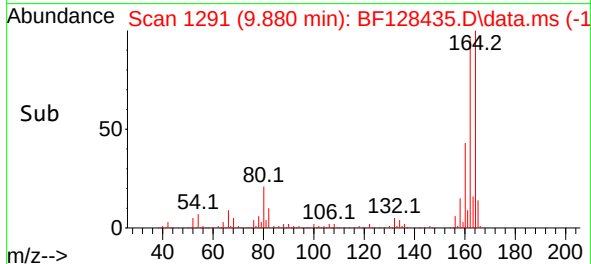
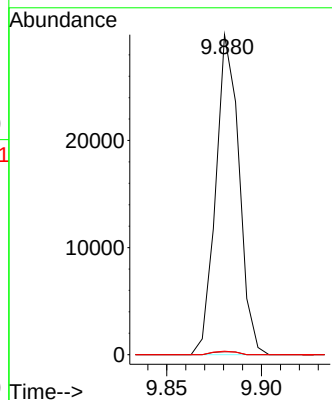
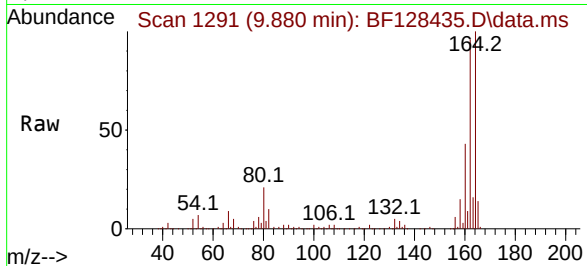




#51
2,6-Dinitrotoluene
Concen: 9.584 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

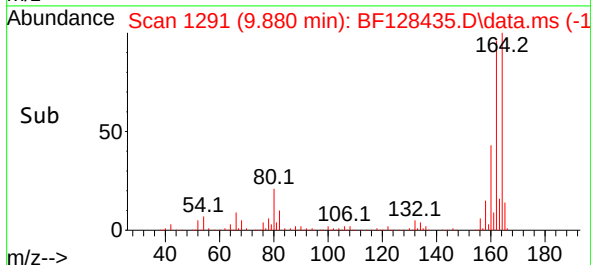
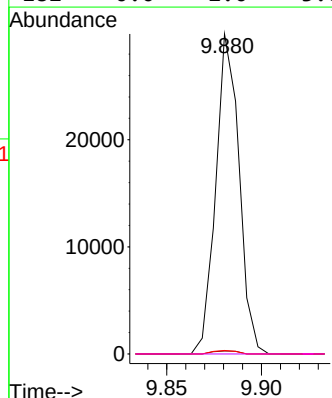
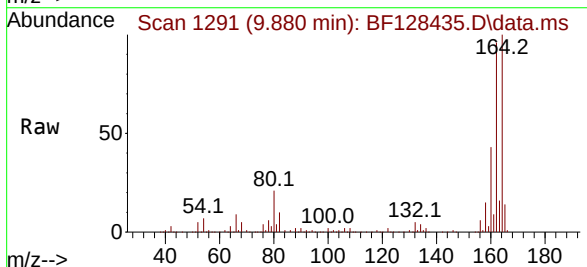
Instrument :
BNA_F
ClientSampleId :
TGMP-2

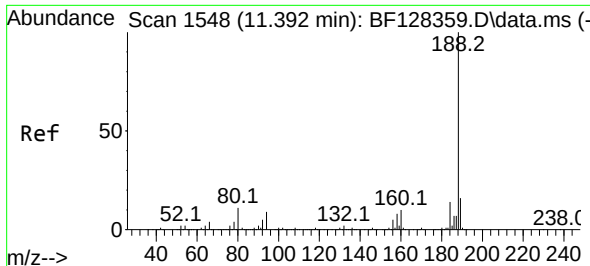
Tgt Ion:165 Resp: 25632
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.607 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion:165 Resp: 25632
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

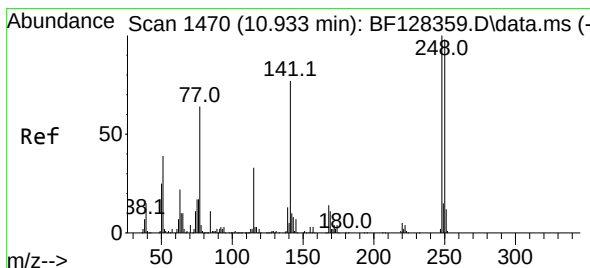
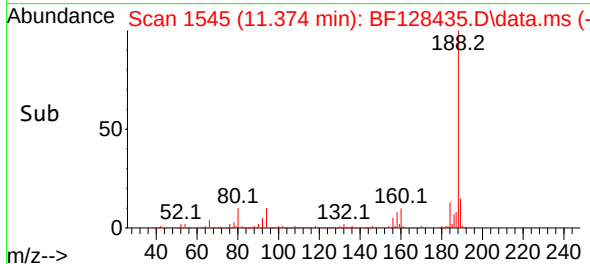
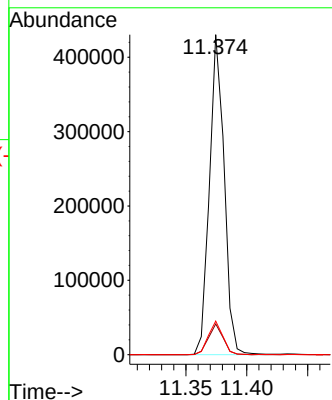
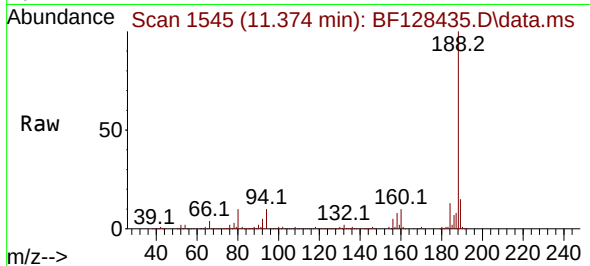




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

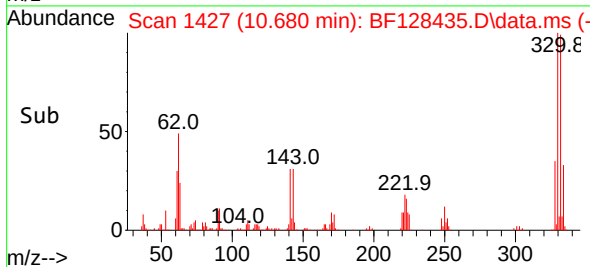
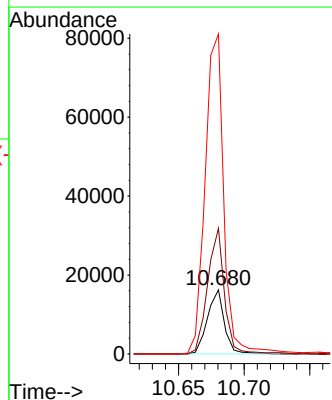
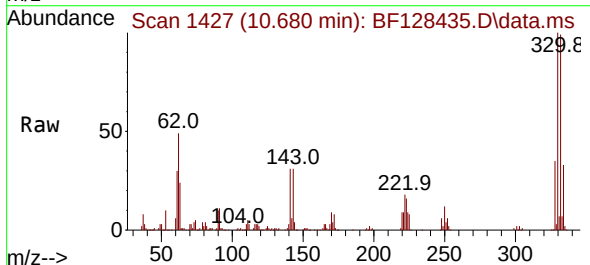
Instrument :
BNA_F
ClientSampleId :
TGMP-2

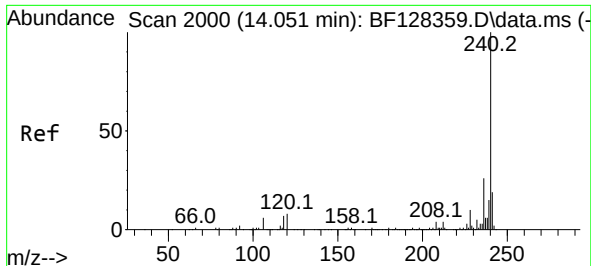
Tgt Ion:188 Resp: 362558
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.235 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion:248 Resp: 14639
Ion Ratio Lower Upper
248 100
250 195.5 77.7 116.5#
141 498.3 65.6 98.4#

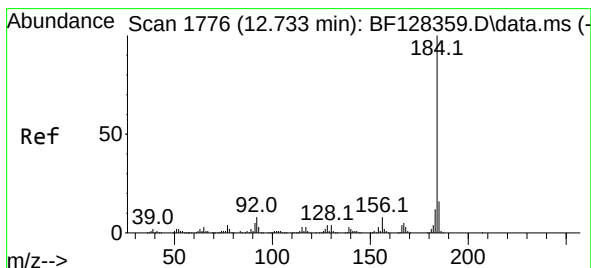
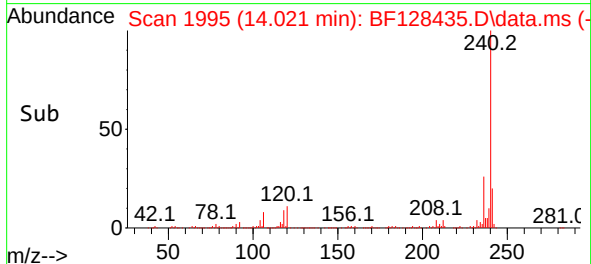
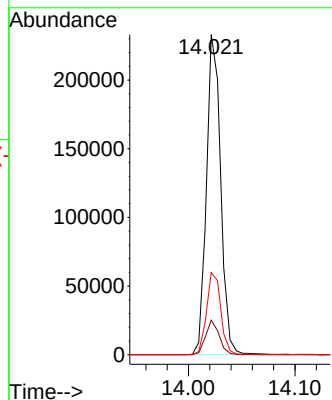
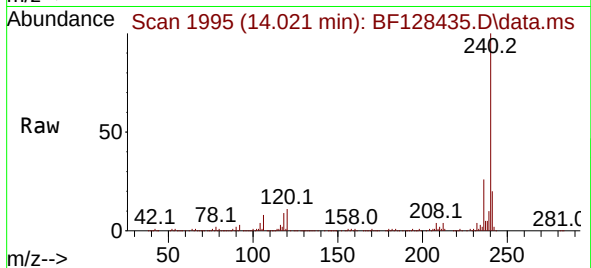




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

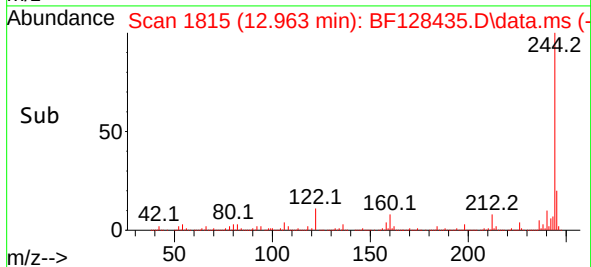
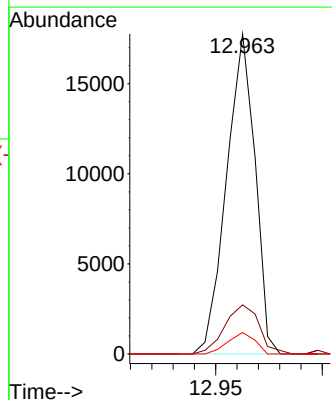
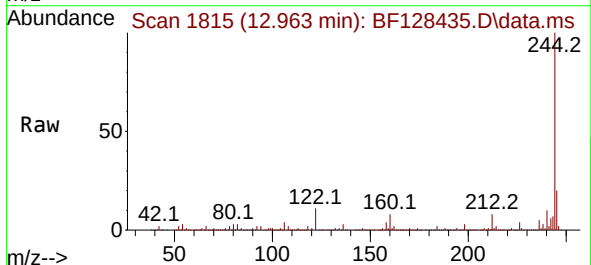
Instrument :
BNA_F
ClientSampleId :
TGMP-2

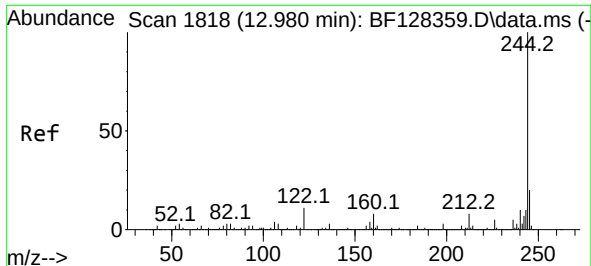
Tgt Ion:240 Resp: 216748
Ion Ratio Lower Upper
240 100
120 10.8 7.0 10.6#
236 25.7 20.3 30.5



#77
Benzidine
Concen: 3.669 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF128435.D
Acq: 24 May 2022 15:19

Tgt Ion:184 Resp: 16540
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 6.7 9.0 13.4#

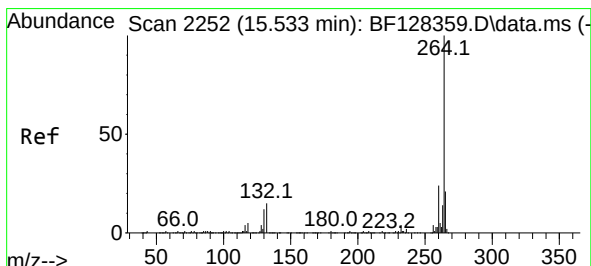
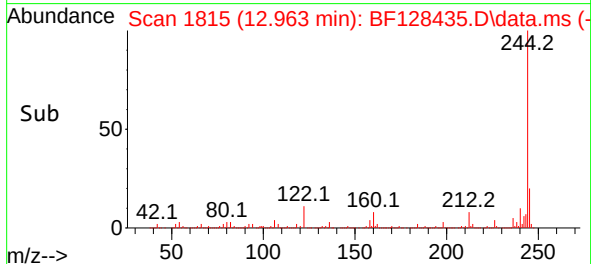
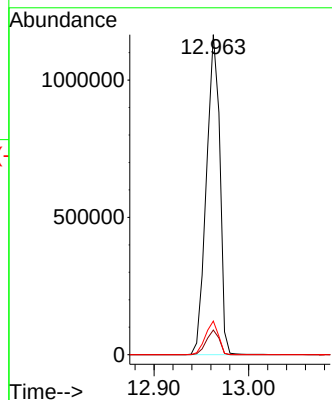
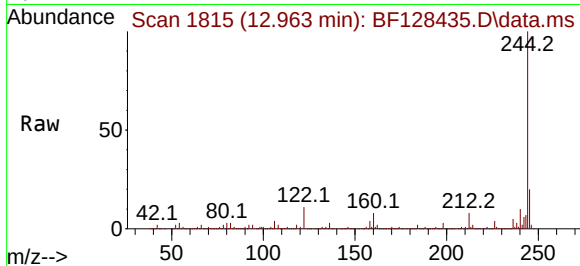




#79
 Terphenyl-d14
 Concen: 101.724 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128435.D
 Acq: 24 May 2022 15:19

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-2

Tgt Ion:244 Resp: 1142162
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF128435.D
 Acq: 24 May 2022 15:19

Tgt Ion:264 Resp: 191767
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 20.0 17.5 26.3

