

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128379.D
 Acq On : 20 May 2022 22:35
 Operator : CG\JU
 Sample : N2943-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: May 23 02:40:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

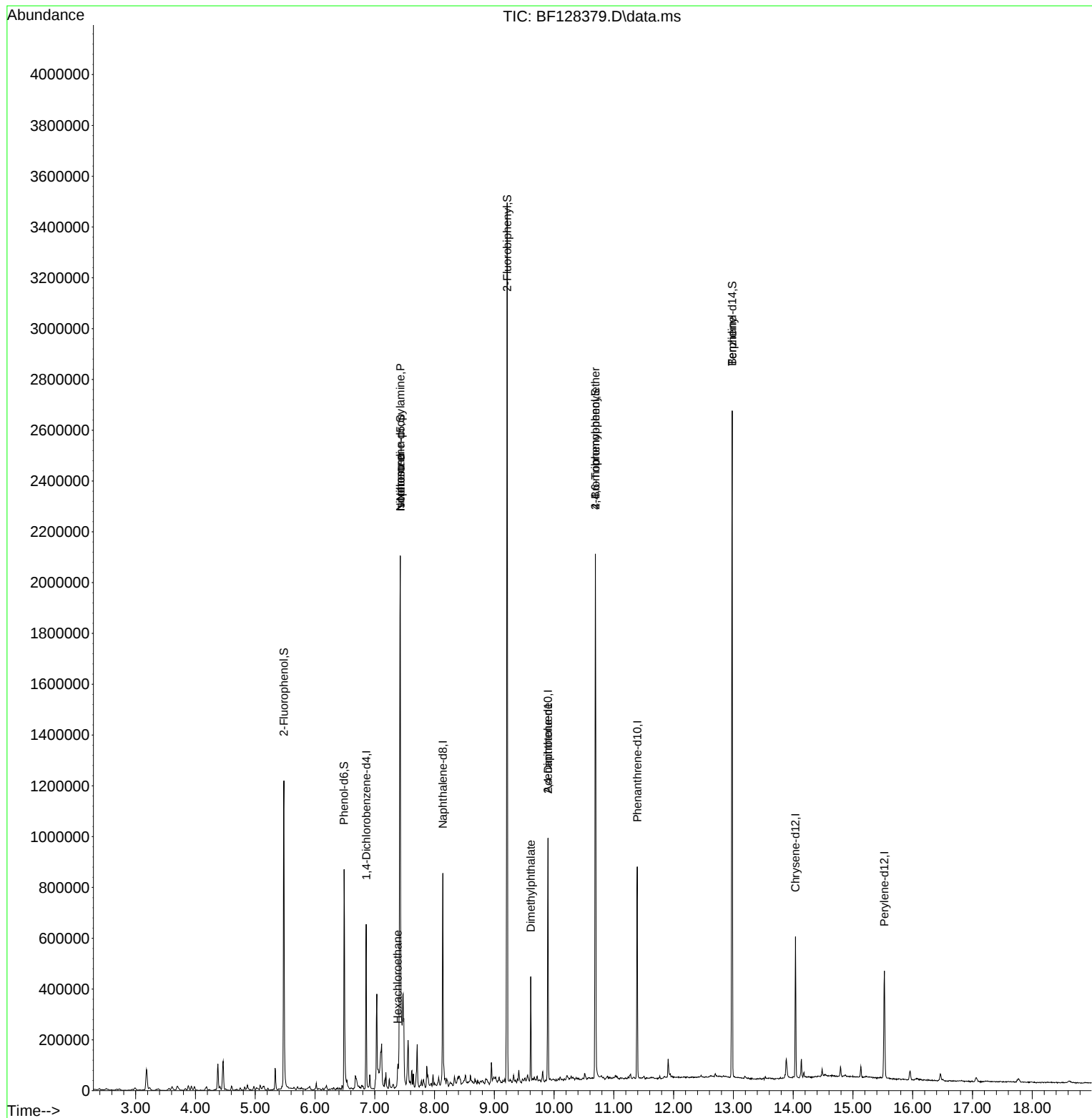
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	90666	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	333138	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	183917	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	305257	20.000	ng	0.00
76) Chrysene-d12	14.039	240	182600	20.000	ng	-0.01
86) Perylene-d12	15.527	264	183005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	348425	61.156	ng	0.00
7) Phenol-d6	6.487	99	273709	36.484	ng	-0.01
23) Nitrobenzene-d5	7.428	82	658204	88.524	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	240548	126.822	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1024026	91.053	ng	0.00
79) Terphenyl-d14	12.980	244	885783	93.644	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	405	Below Cal	#	1
18) Hexachloroethane	7.381	117	9496	3.862	ng	# 19
19) n-Nitroso-di-n-propyla...	7.428	70	94577	21.079	ng	# 79
25) Isophorone	7.428	82	654453	57.437	ng	# 68
50) Dimethylphthalate	9.610	163	134457	11.477	ng	# 100
57) 2,4-Dinitrotoluene	9.898	165	24210	7.499	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	14540	4.551	ng	# 1
77) Benzidine	12.980	184	13181	3.471	ng	# 91

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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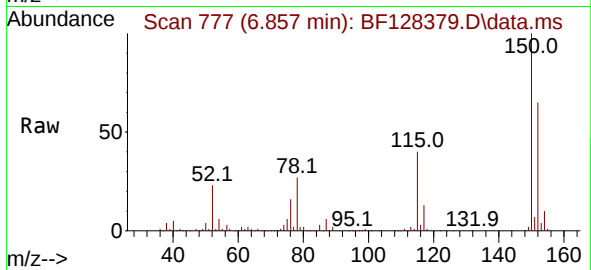
Quant Time: May 23 02:40:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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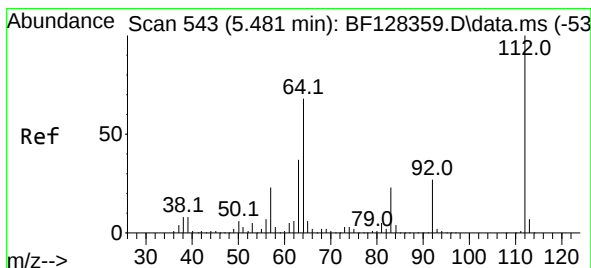
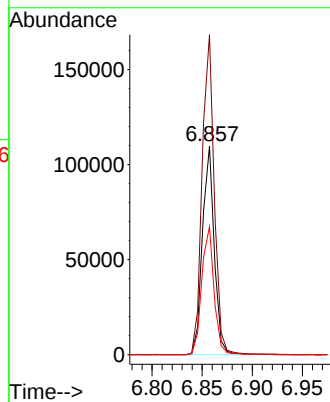
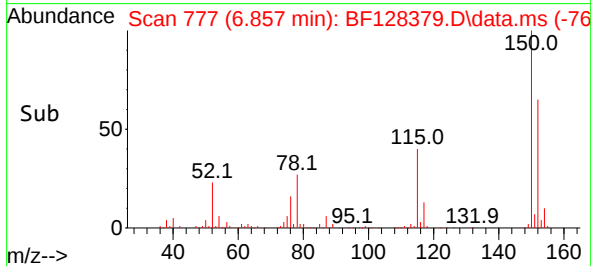


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

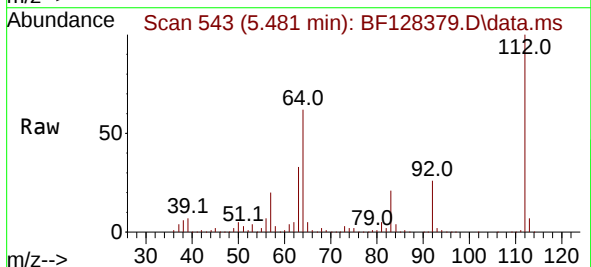
Instrument :
BNA_F
ClientSampleId :
MW-34



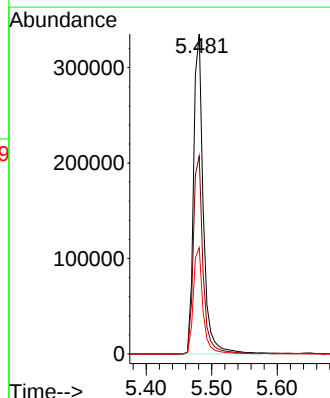
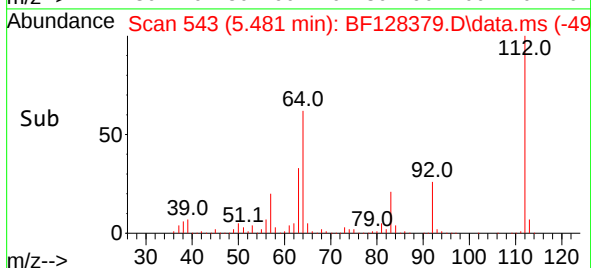
Tgt Ion:152 Resp: 90666
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 61.5 48.8 73.2

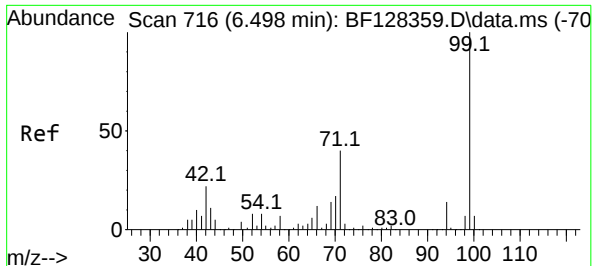


#5
2-Fluorophenol
Concen: 61.156 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35



Tgt Ion:112 Resp: 348425
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 33.2 26.3 39.5

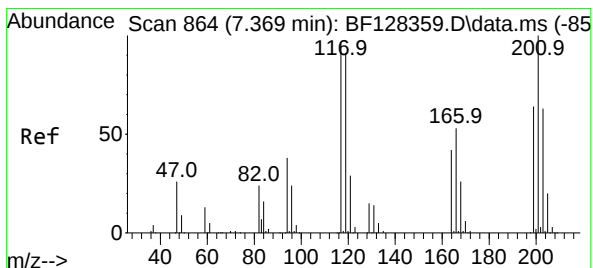
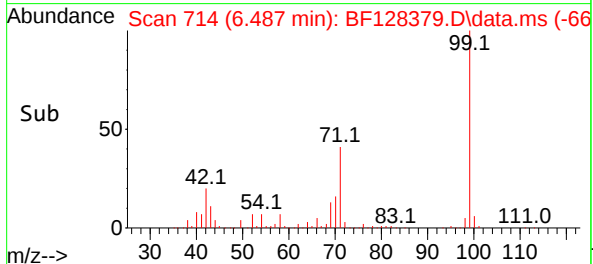
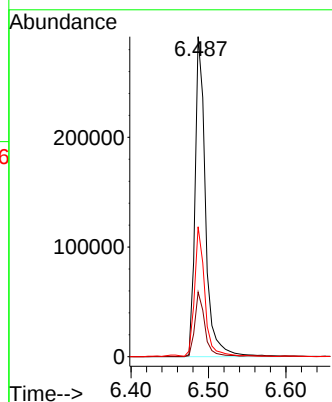
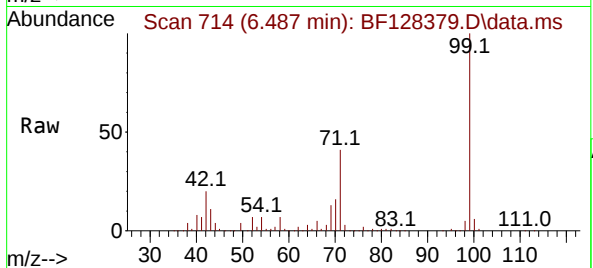




#7
Phenol-d6
Concen: 36.484 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

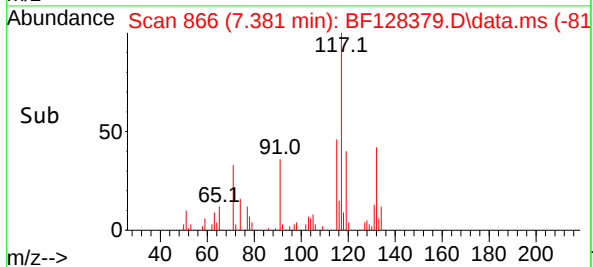
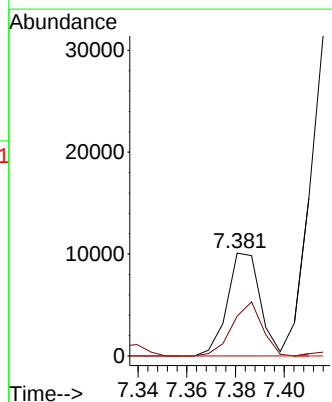
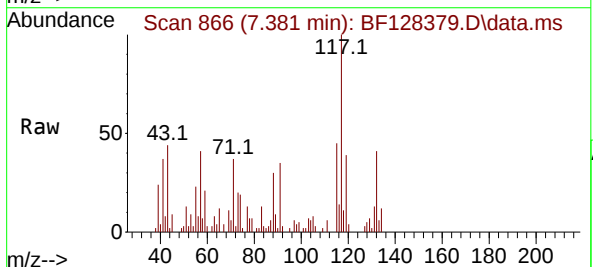
Instrument :
BNA_F
ClientSampleId :
MW-34

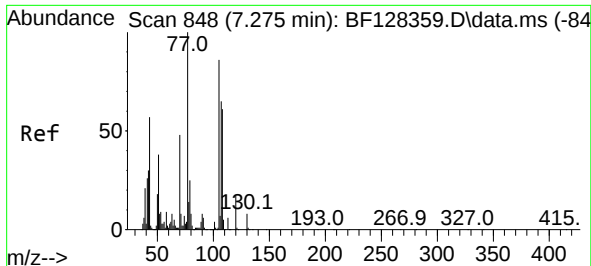
Tgt Ion: 99 Resp: 273709
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 40.6 30.0 45.0



#18
Hexachloroethane
Concen: 3.862 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.012 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion: 117 Resp: 9496
Ion Ratio Lower Upper
117 100
119 38.8 76.2 114.4#
201 0.0 84.4 126.6#

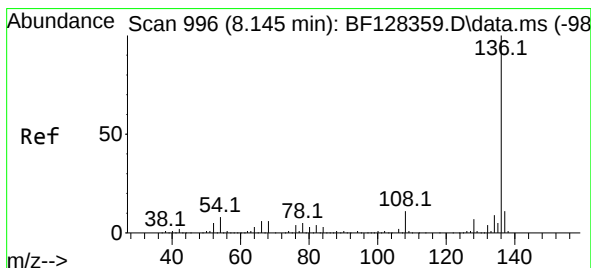
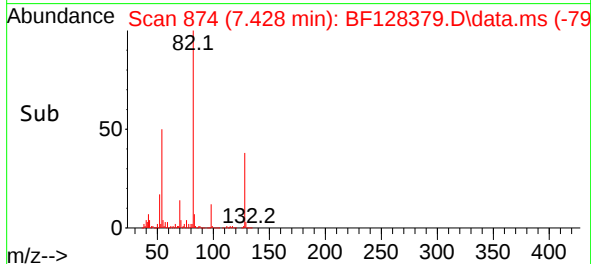
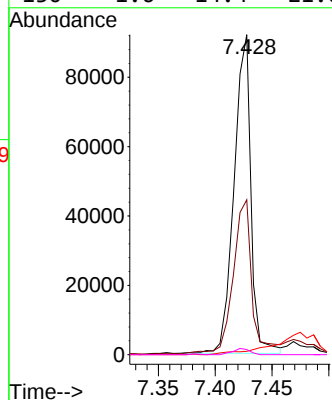
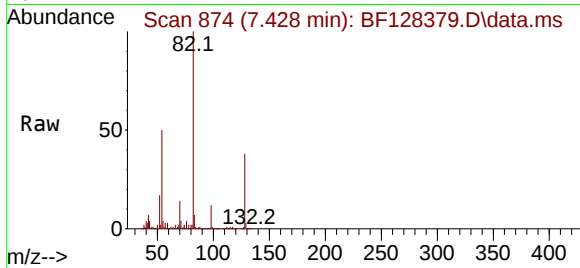




#19
n-Nitroso-di-n-propylamine
Concen: 21.079 ng
RT: 7.428 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

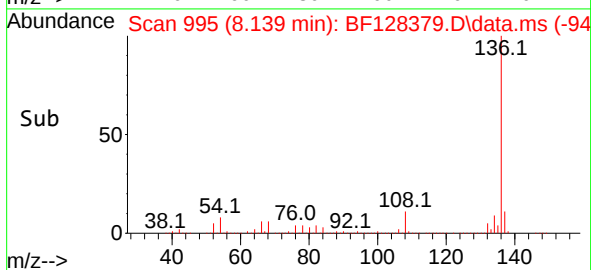
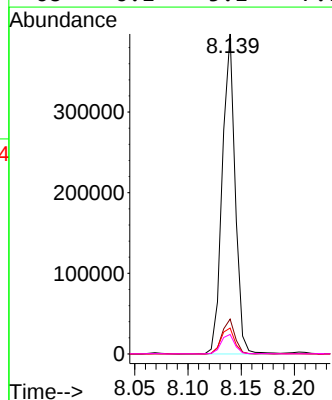
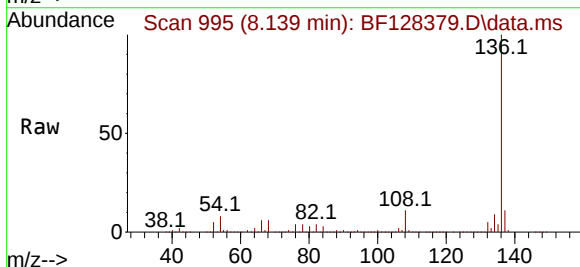
Instrument :
BNA_F
ClientSampleId :
MW-34

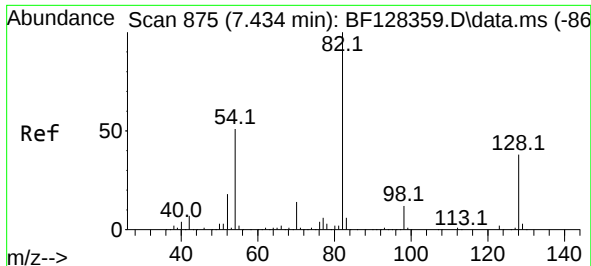
Tgt Ion: 70 Resp: 94577
Ion Ratio Lower Upper
70 100
42 48.4 48.7 73.1#
101 1.0 7.2 10.8#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion:136 Resp: 333138
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.8 10.2
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 88.524 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128379.D

Acq: 20 May 2022 22:35

Instrument :

BNA_F

ClientSampleId :

MW-34

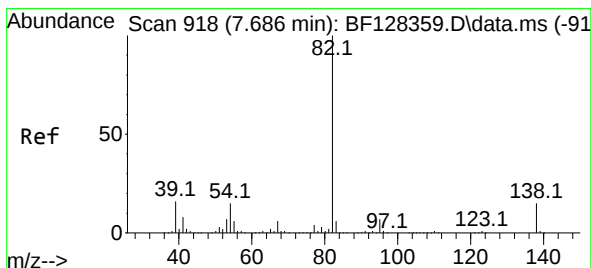
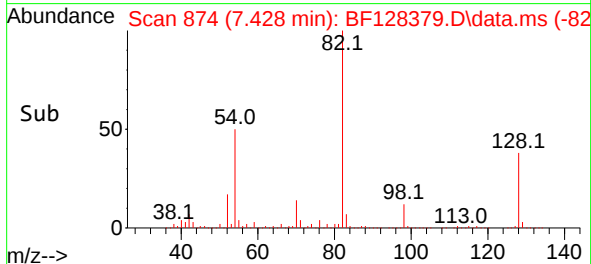
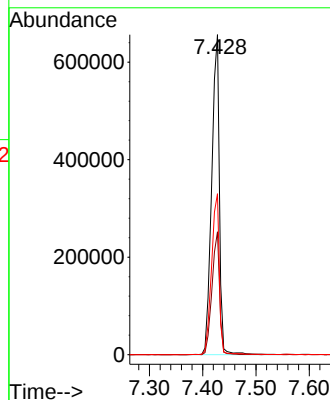
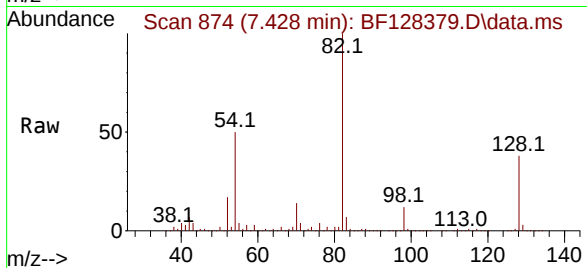
Tgt Ion: 82 Resp: 658204

Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

54 50.3 41.3 61.9



#25

Isophorone

Concen: 57.437 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.259 min

Lab File: BF128379.D

Acq: 20 May 2022 22:35

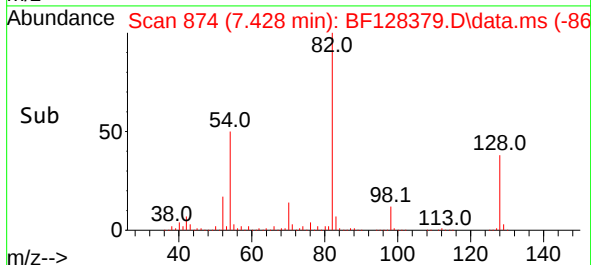
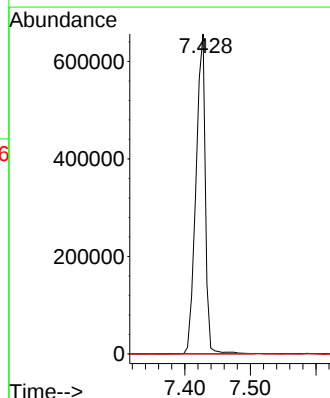
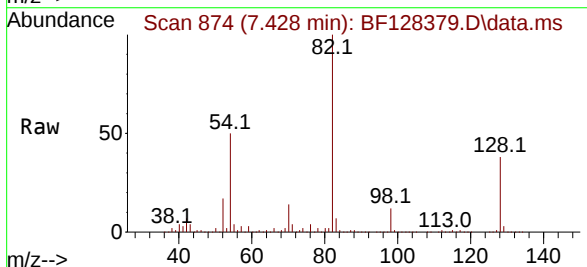
Tgt Ion: 82 Resp: 654453

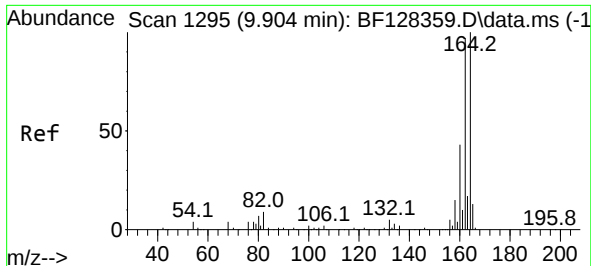
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 12.5 18.7#

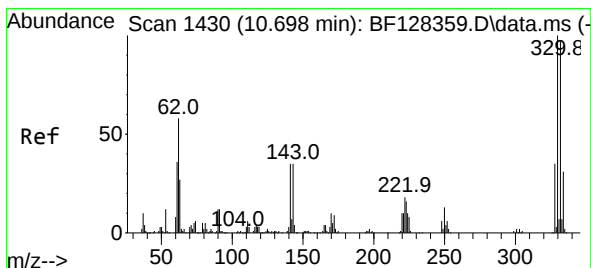
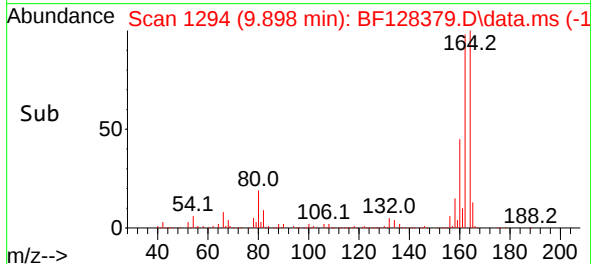
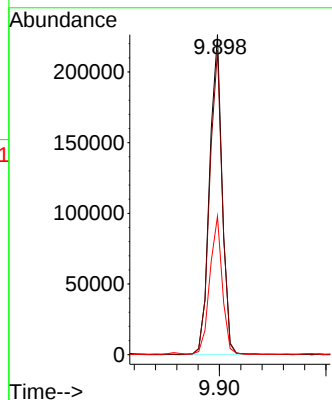
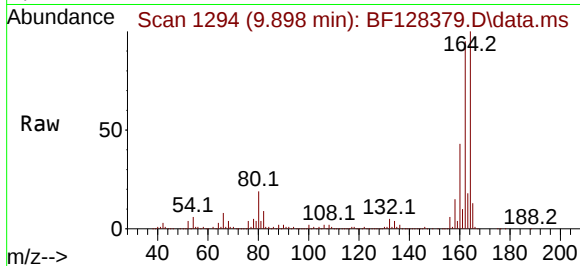




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

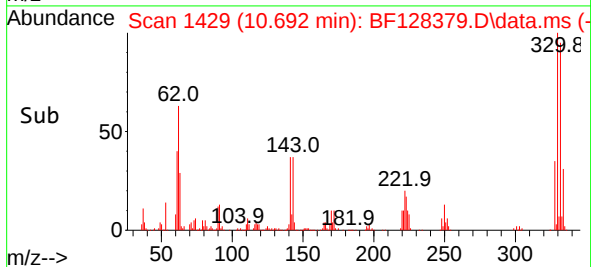
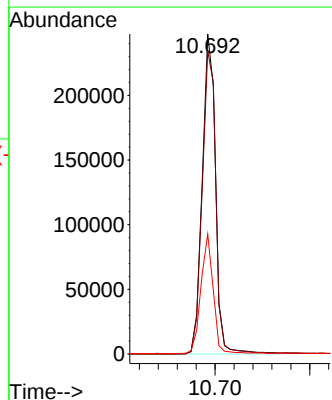
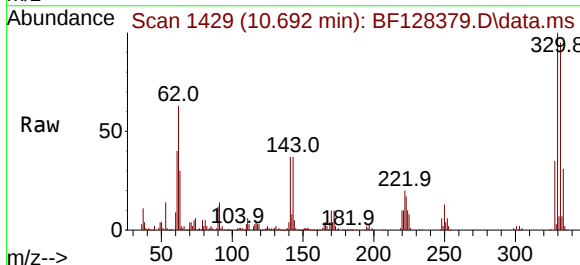
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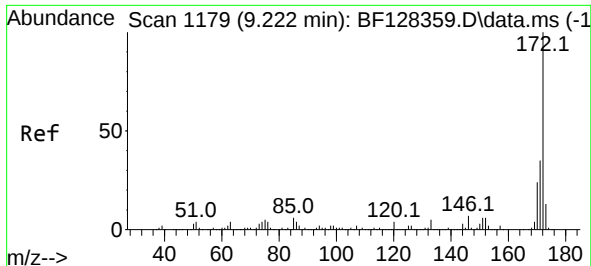
Tgt Ion:164 Resp: 183917
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 43.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 126.822 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion:330 Resp: 240548
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 35.0 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 91.053 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128379.D

Acq: 20 May 2022 22:35

Instrument :

BNA_F

ClientSampleId :

MW-34

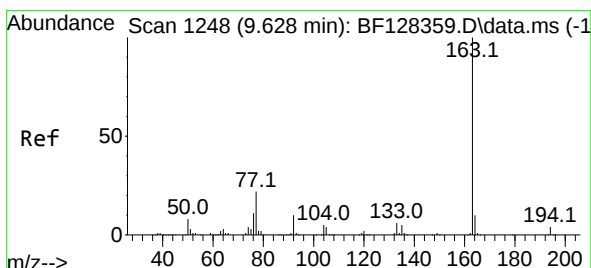
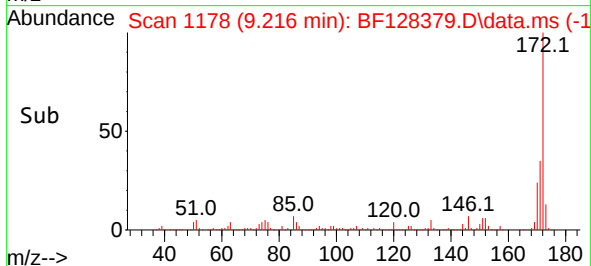
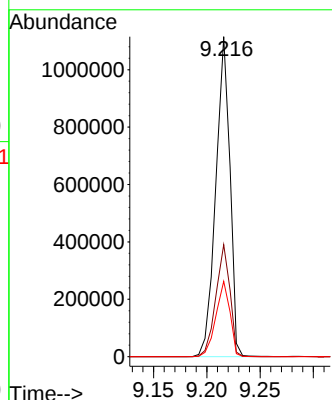
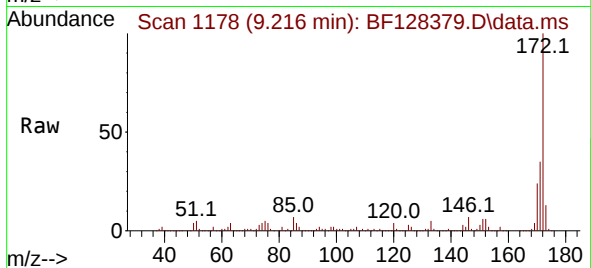
Tgt Ion:172 Resp: 1024026

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 11.477 ng

RT: 9.610 min Scan# 1245

Delta R.T. -0.018 min

Lab File: BF128379.D

Acq: 20 May 2022 22:35

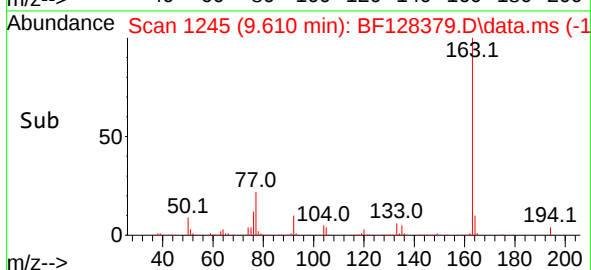
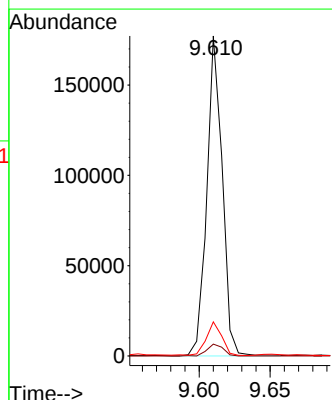
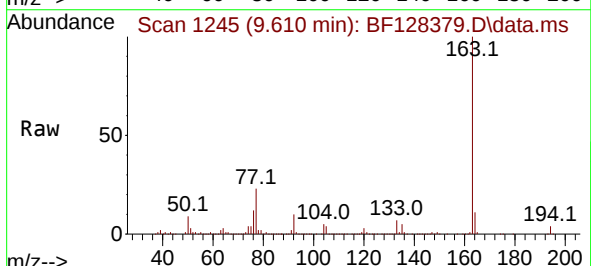
Tgt Ion:163 Resp: 134457

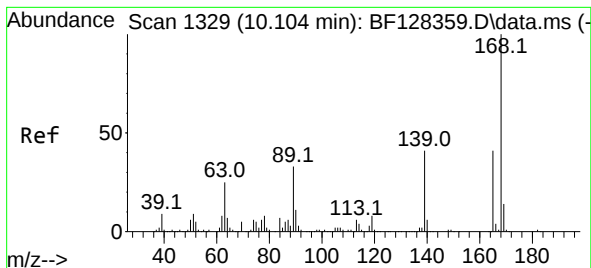
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.6 8.6 13.0

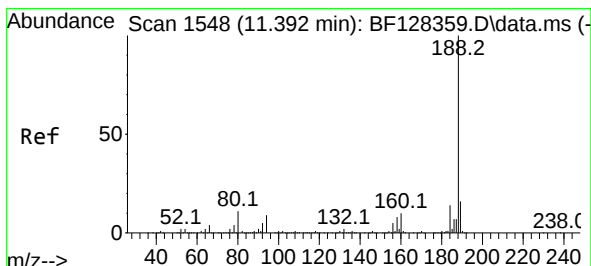
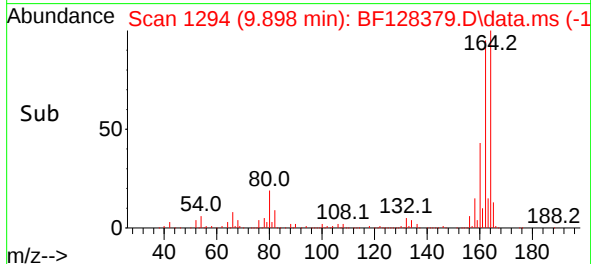
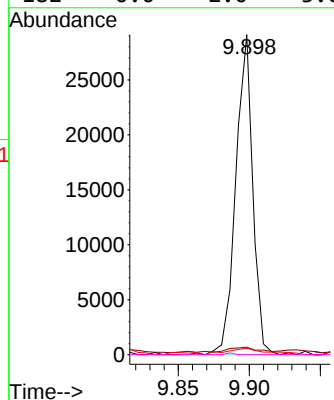
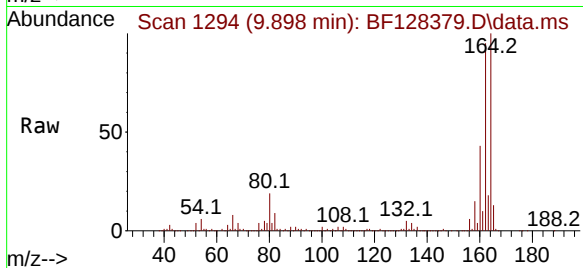




#57
2,4-Dinitrotoluene
Concen: 7.499 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

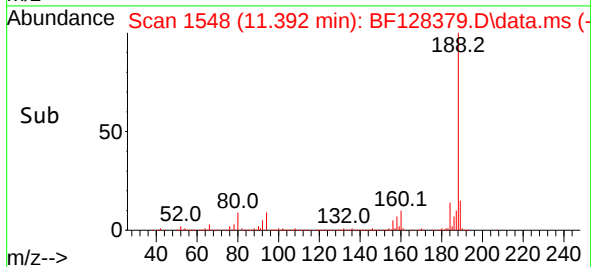
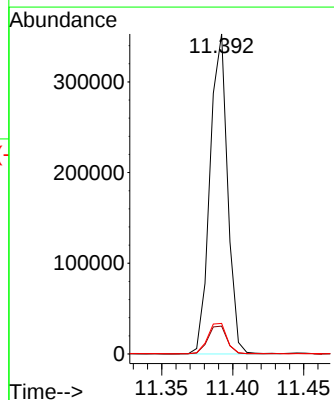
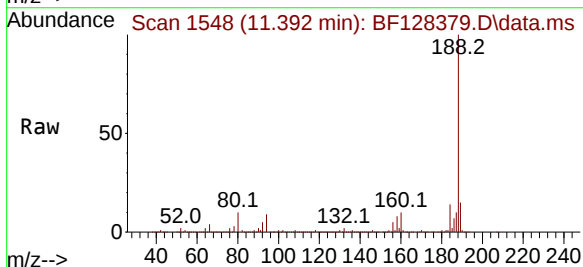
Instrument :
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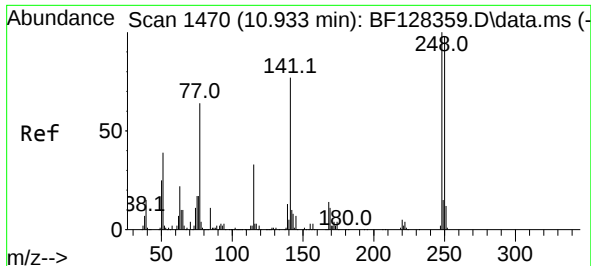
Tgt Ion:165 Resp: 24210
Ion Ratio Lower Upper
165 100
63 2.4 32.6 49.0#
89 2.0 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion:188 Resp: 305257
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.6 8.9 13.3

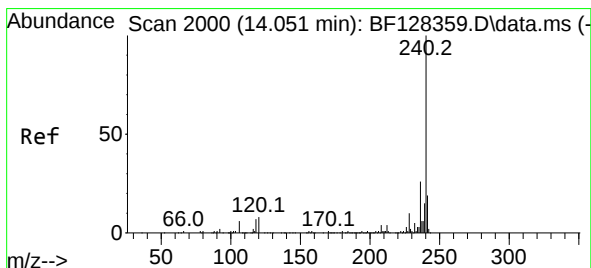
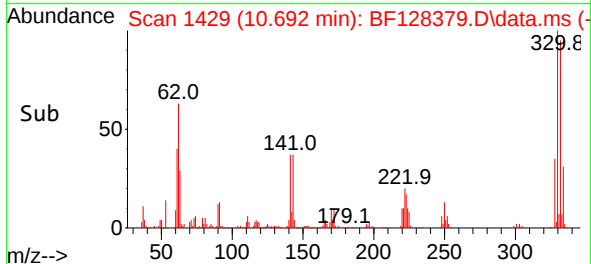
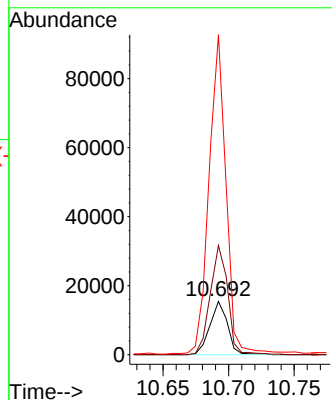
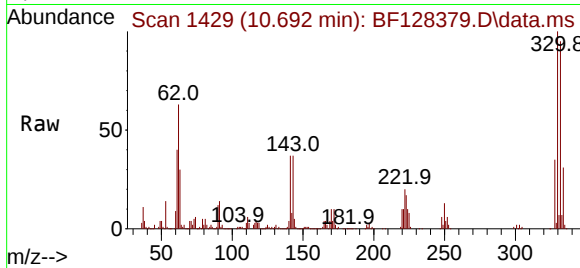




#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

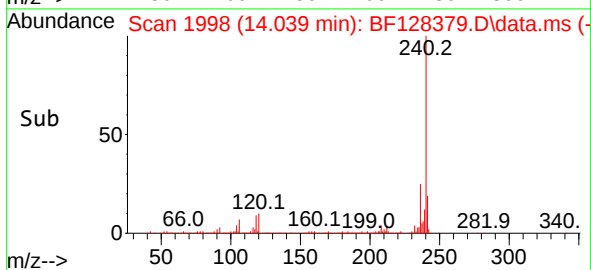
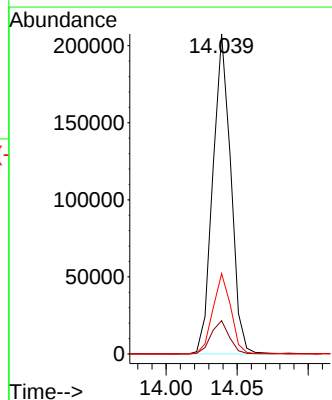
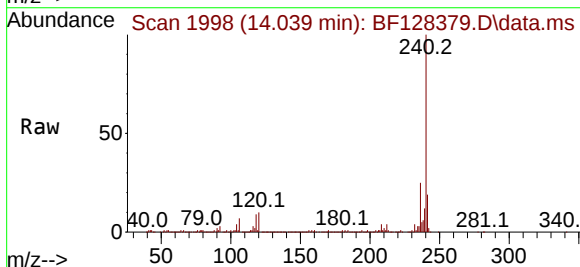
Instrument :
BNA_F
ClientSampleId :
MW-34

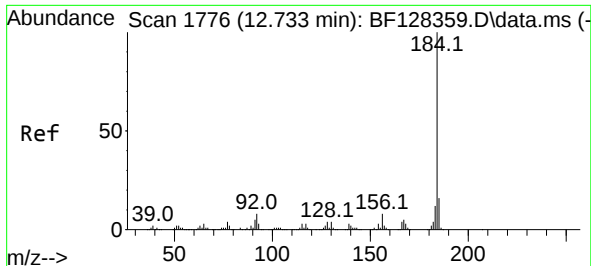
Tgt Ion:248 Resp: 14540
Ion Ratio Lower Upper
248 100
250 204.4 77.7 116.5#
141 599.5 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion:240 Resp: 182600
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.1 20.3 30.5

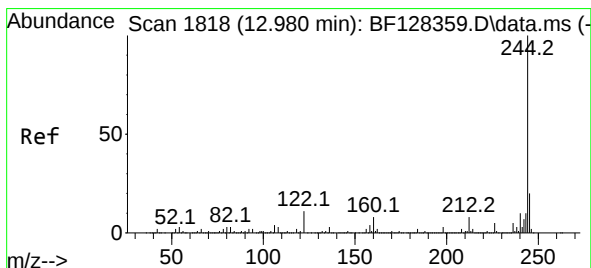
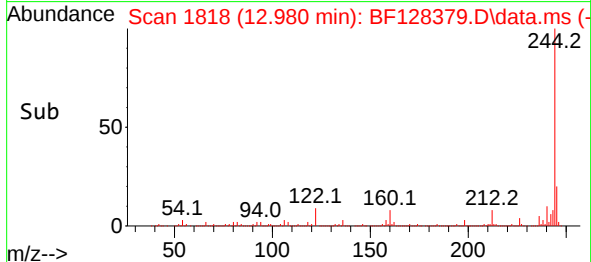
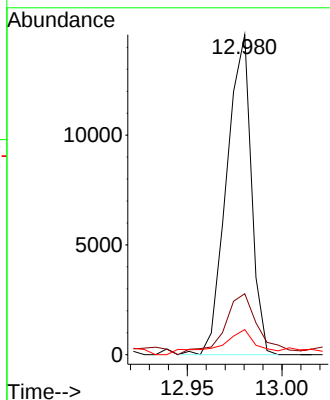
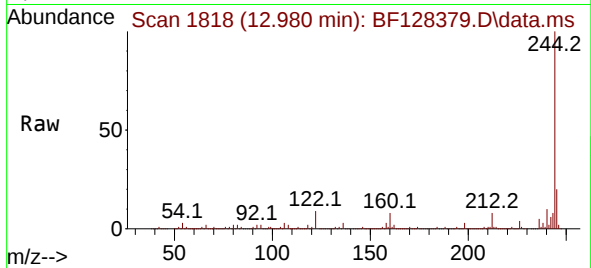




#77
Benzidine
Concen: 3.471 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

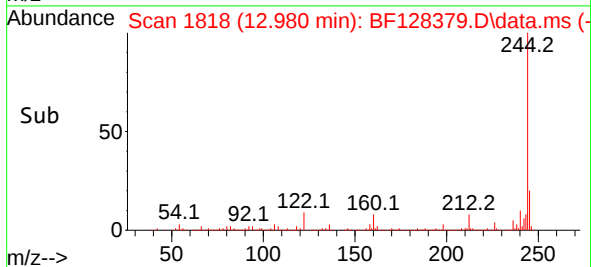
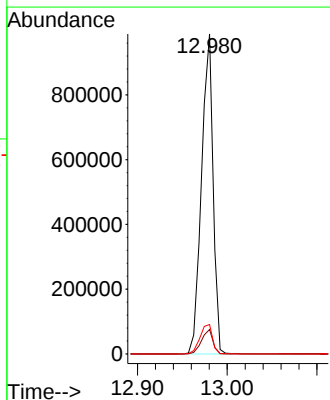
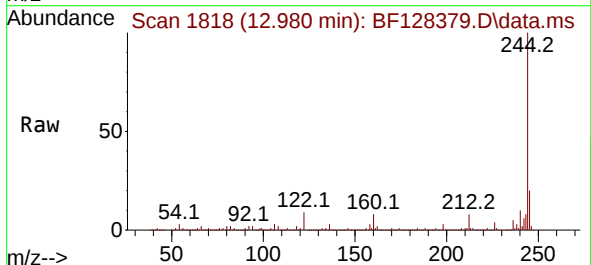
Instrument :
BNA_F
ClientSampleId :
MW-34

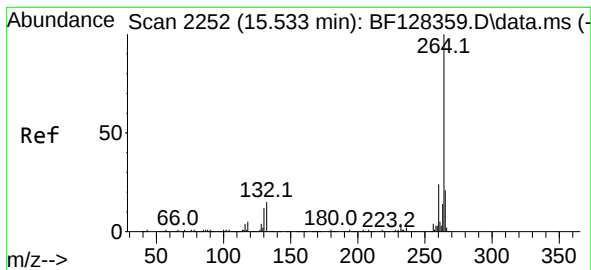
Tgt Ion:184 Resp: 13181
Ion Ratio Lower Upper
184 100
185 19.1 12.1 18.1#
183 7.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 93.644 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF128379.D
Acq: 20 May 2022 22:35

Tgt Ion:244 Resp: 885783
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 9.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128379.D

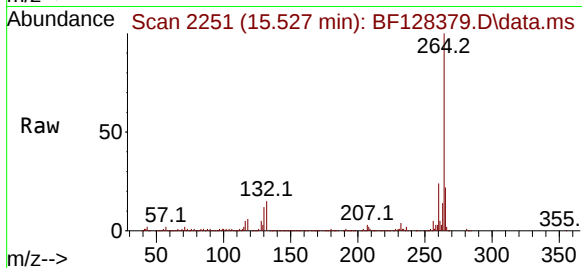
Acq: 20 May 2022 22:35

Instrument :

BNA_F

ClientSampleId :

MW-34



Tgt Ion:264 Resp: 183005

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 21.6 17.5 26.3

