

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128381.D
 Acq On : 20 May 2022 23:34
 Operator : CG\JU
 Sample : N2943-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-38I

Quant Time: May 23 02:40:25 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)

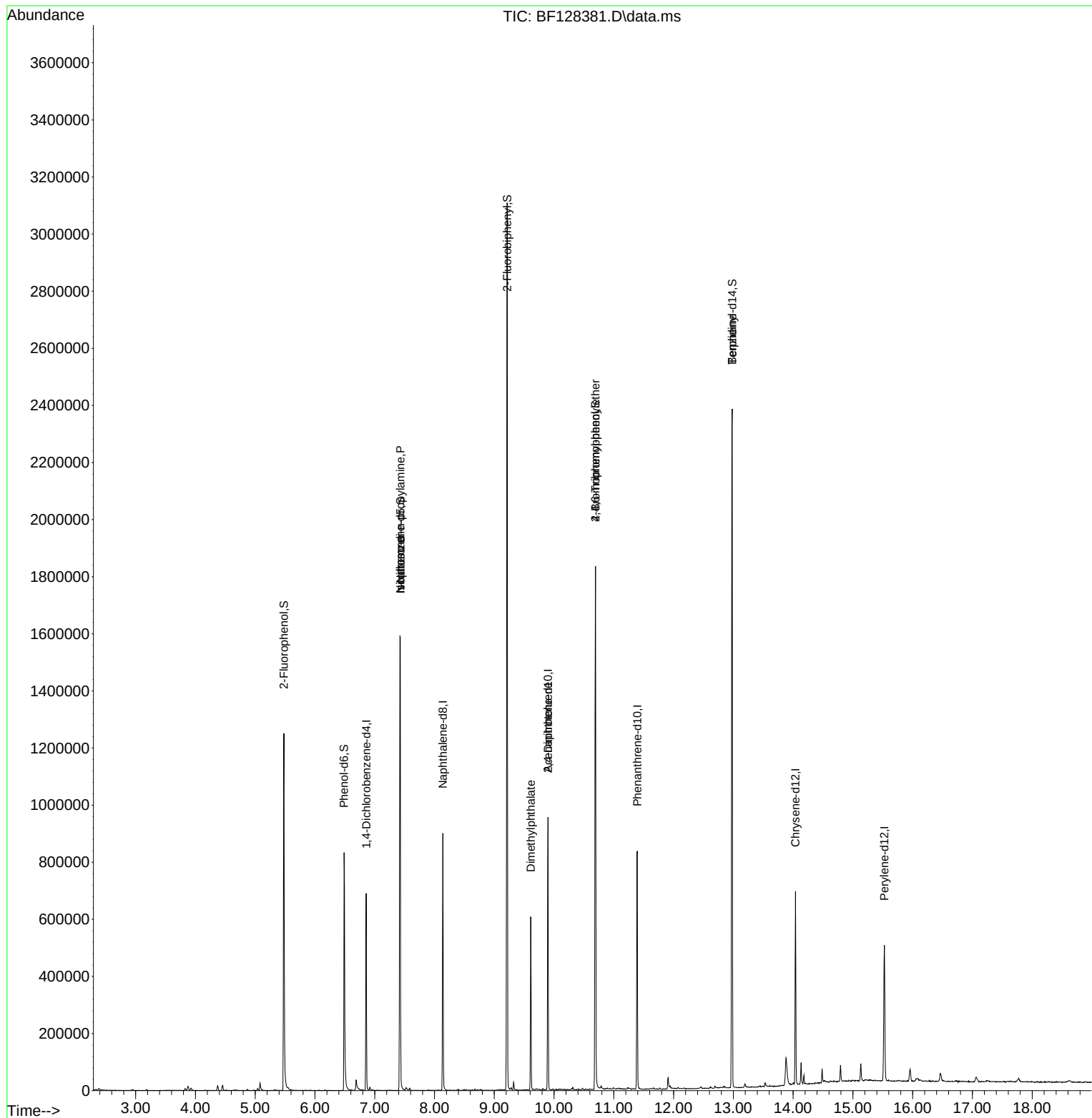
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92757	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	352192	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	189939	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	325187	20.000	ng	0.00
76) Chrysene-d12	14.039	240	214399	20.000	ng	-0.01
86) Perylene-d12	15.527	264	204176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	339094	58.176	ng	0.00
7) Phenol-d6	6.487	99	283871	36.985	ng	-0.01
23) Nitrobenzene-d5	7.428	82	578852	73.640	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	212009	108.232	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	910251	78.371	ng	0.00
79) Terphenyl-d14	12.981	244	865405	77.920	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	629	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	77399	16.861	ng	# 76
25) Isophorone	7.428	82	578895	48.057	ng	# 68
50) Dimethylphthalate	9.610	163	209582	17.322	ng	# 99
57) 2,4-Dinitrotoluene	9.898	165	24644	7.392	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	12820	3.767	ng	# 1
77) Benzidine	12.981	184	12967	2.908	ng	# 94

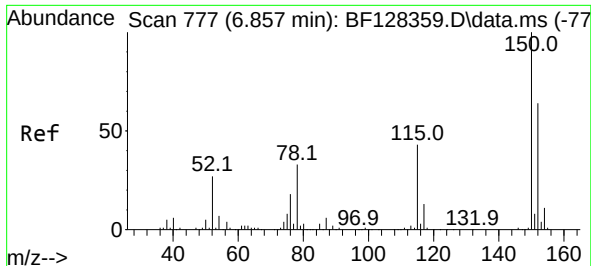
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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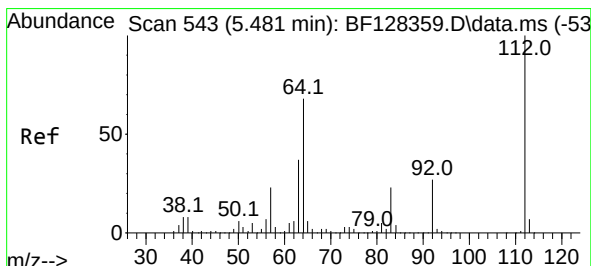
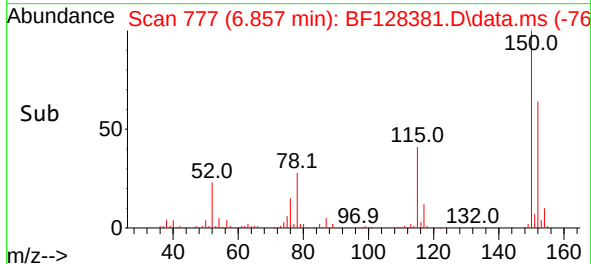
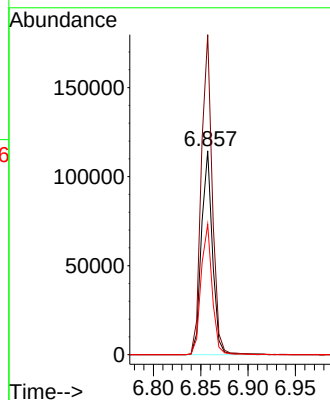
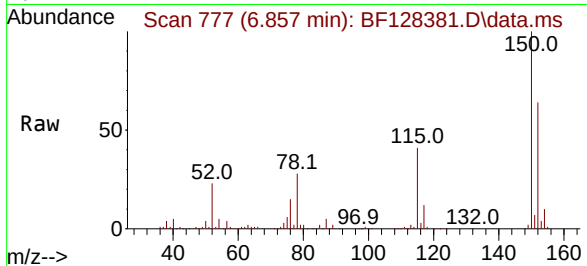




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128381.D
 Acq: 20 May 2022 23:34

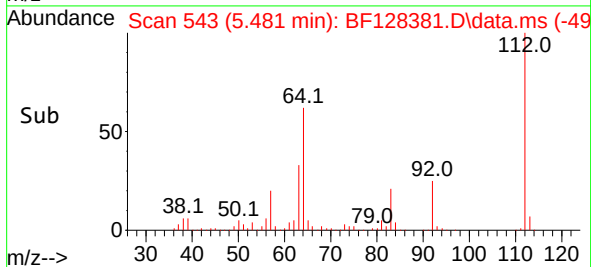
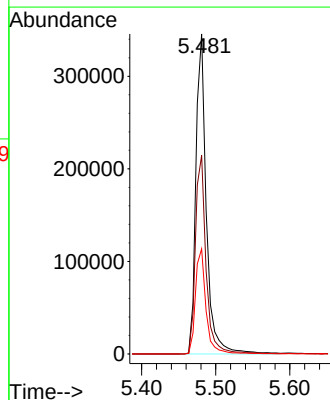
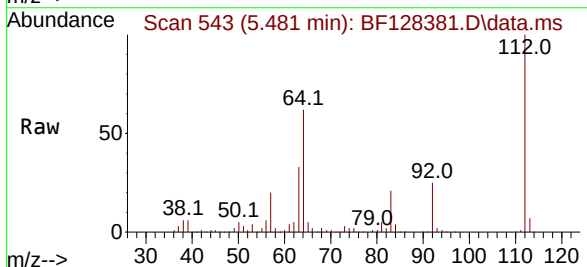
Instrument :
 BNA_F
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 MW-38I

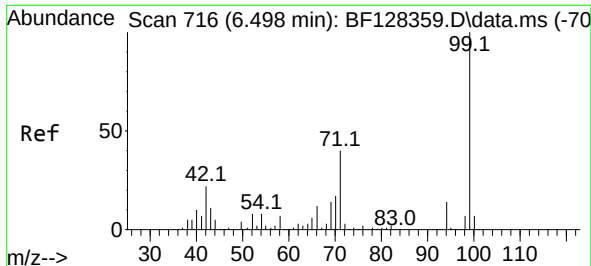
Tgt Ion:152 Resp: 92757
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.3 187.9
 115 64.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 58.176 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF128381.D
 Acq: 20 May 2022 23:34

Tgt Ion:112 Resp: 339094
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.5 74.3
 63 32.8 26.3 39.5

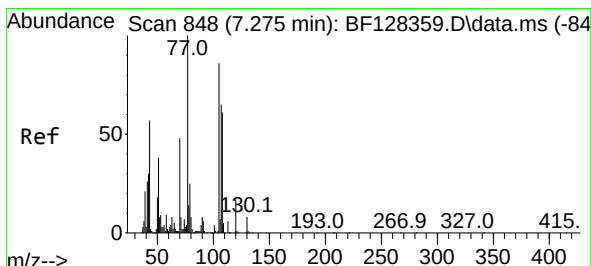
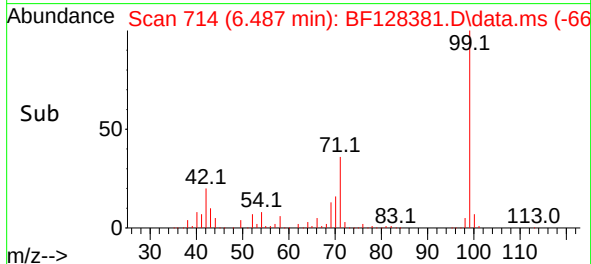
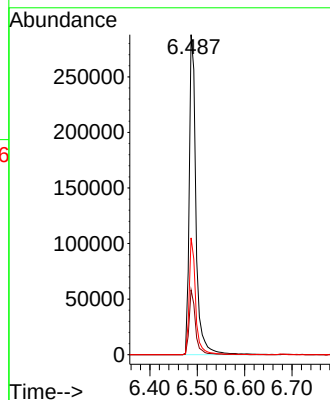
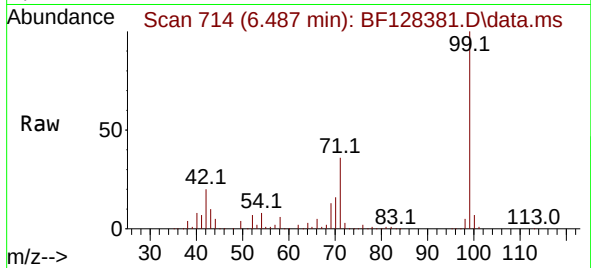




#7
Phenol-d6
Concen: 36.985 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

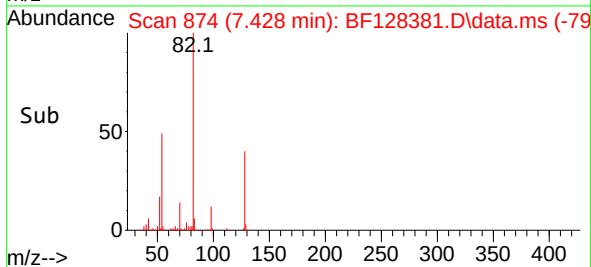
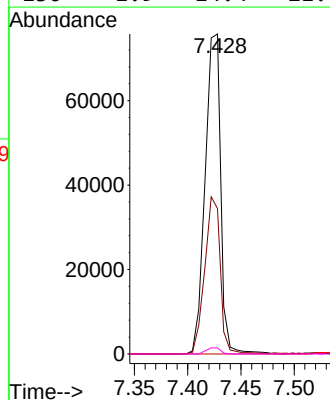
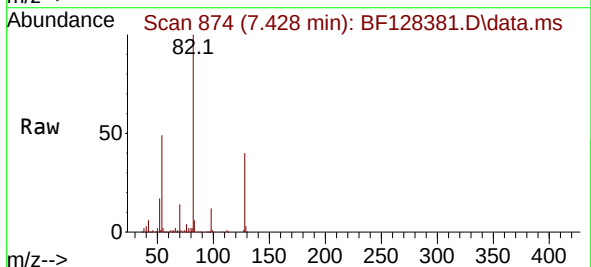
Instrument :
BNA_F
ClientSampleId :
MW-38I

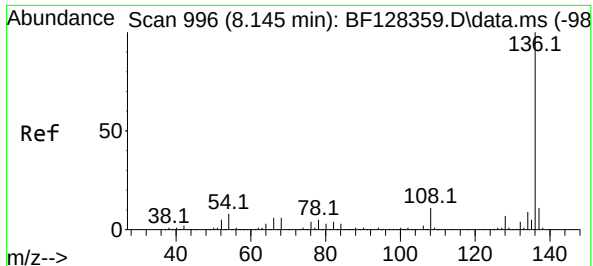
Tgt Ion: 99 Resp: 283871
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 36.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.861 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

Tgt Ion: 70 Resp: 77399
Ion Ratio Lower Upper
70 100
42 45.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

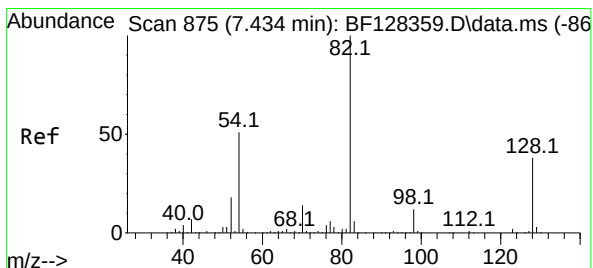
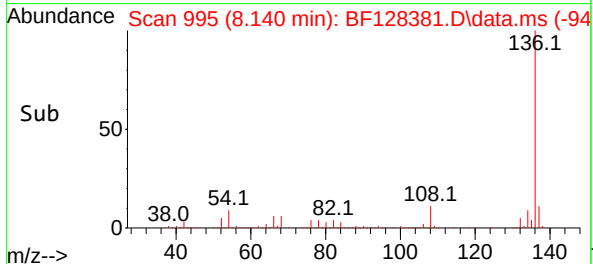
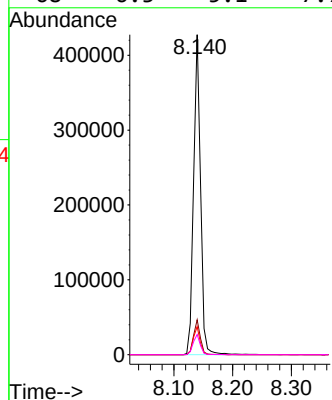
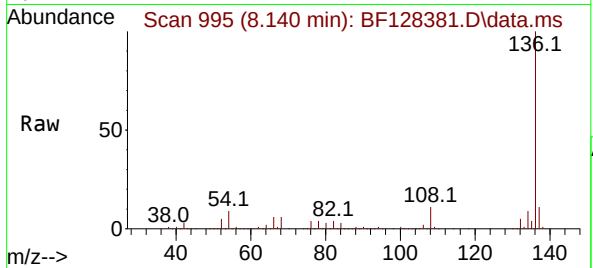




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

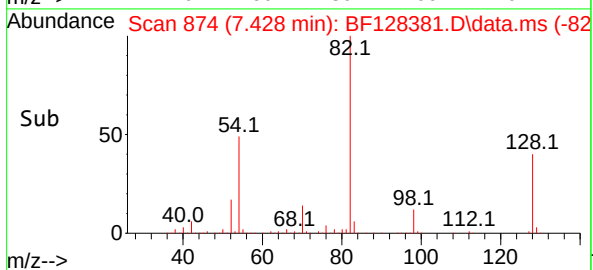
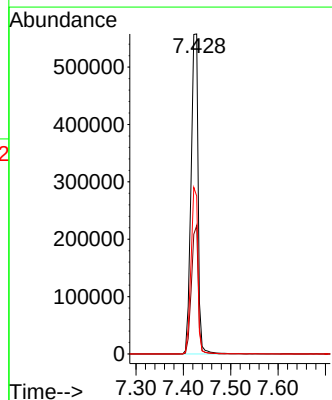
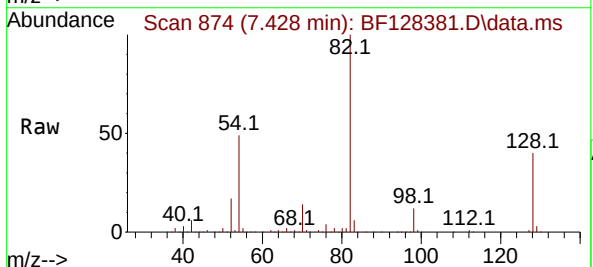
Instrument :
BNA_F
ClientSampleId :
MW-38I

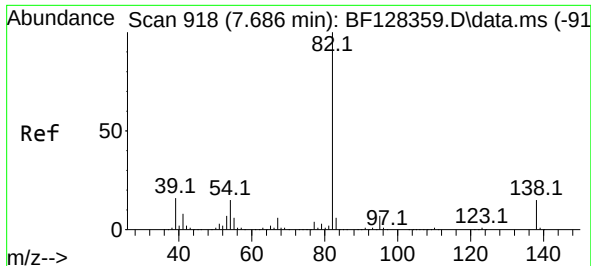
Tgt Ion:136	Resp: 352192
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.7	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 73.640 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

Tgt Ion: 82	Resp: 578852
Ion Ratio	Lower Upper
82 100	
128 40.1	30.0 45.0
54 49.3	41.3 61.9

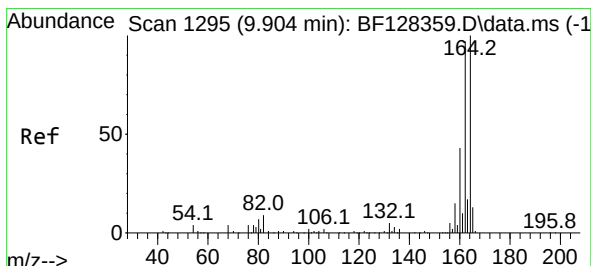
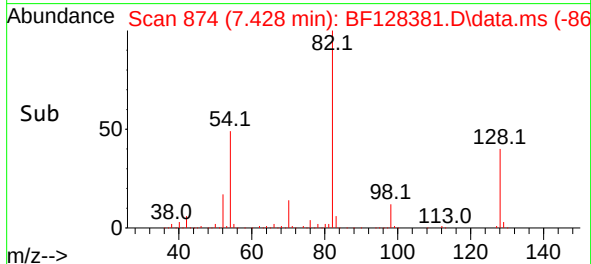
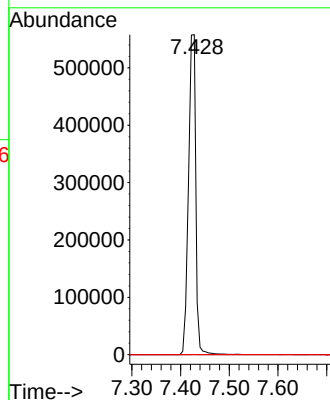
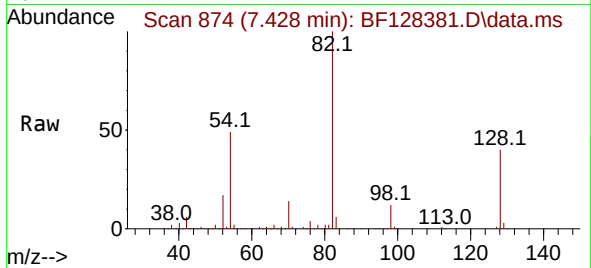




#25
Isophorone
Concen: 48.057 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

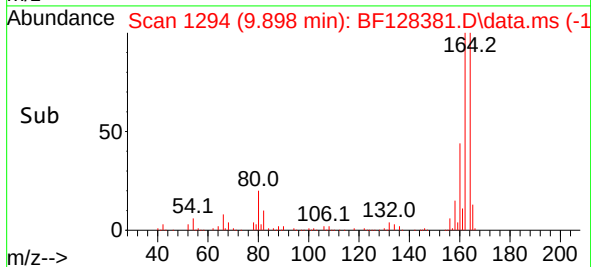
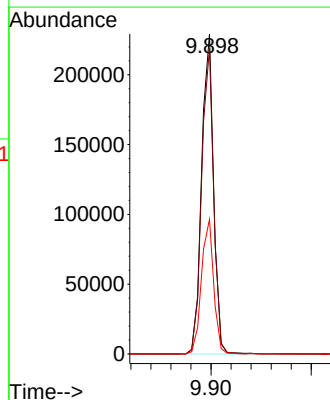
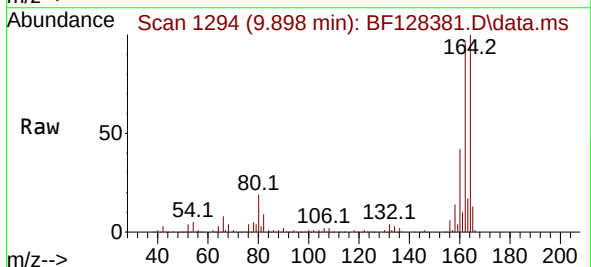
Instrument :
BNA_F
ClientSampleId :
MW-38I

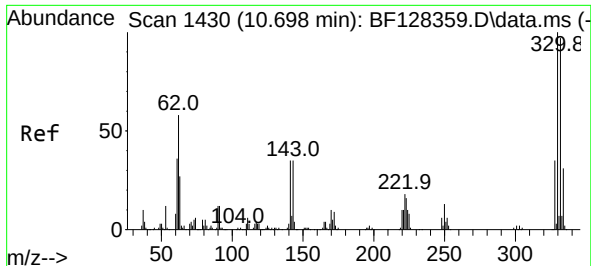
Tgt Ion: 82 Resp: 578895
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

Tgt Ion: 164 Resp: 189939
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 42.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 108.232 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128381.D

Acq: 20 May 2022 23:34

Instrument :

BNA_F

ClientSampleId :

MW-38I

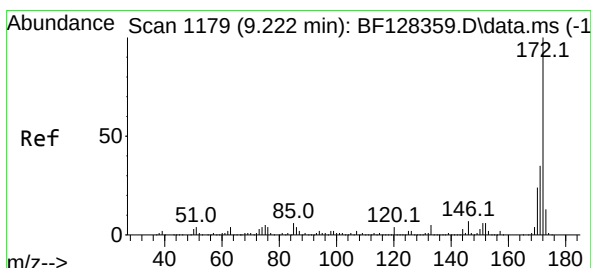
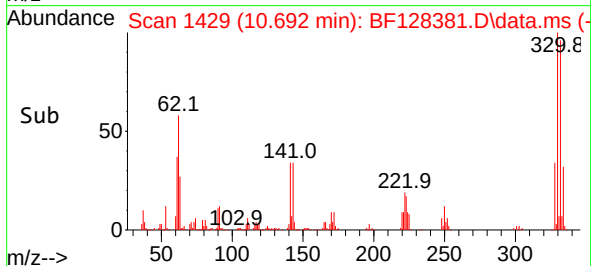
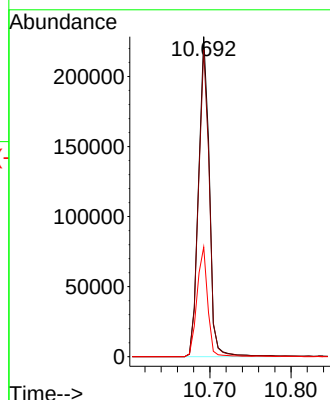
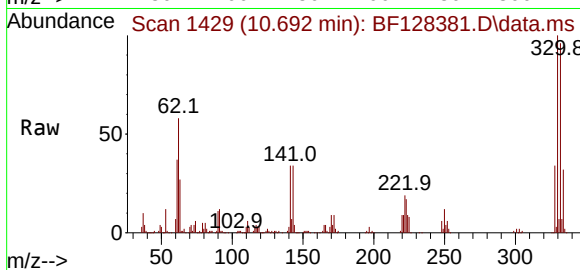
Tgt Ion:330 Resp: 212009

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 78.371 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128381.D

Acq: 20 May 2022 23:34

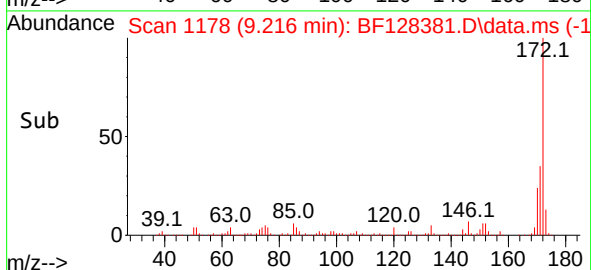
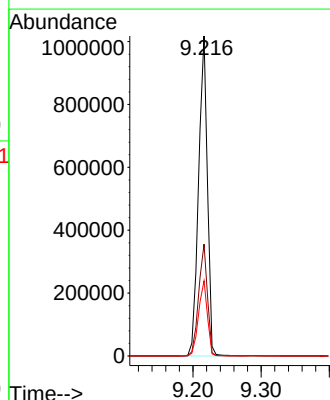
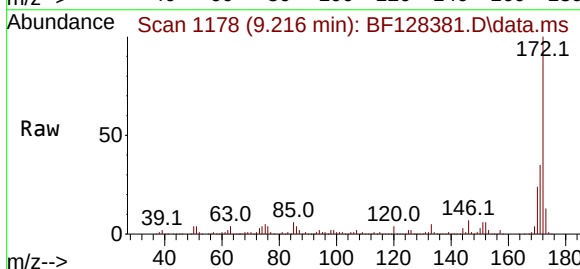
Tgt Ion:172 Resp: 910251

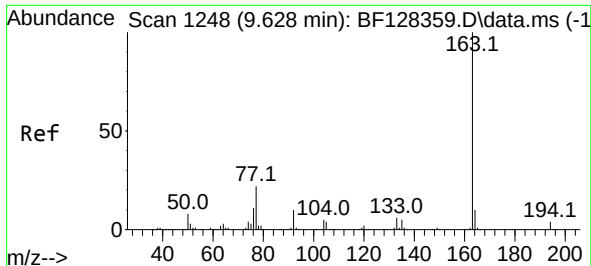
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

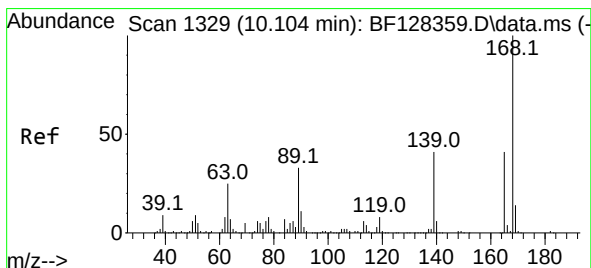
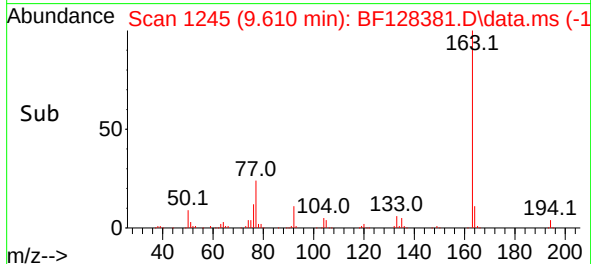
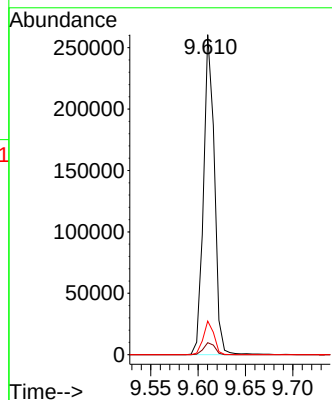
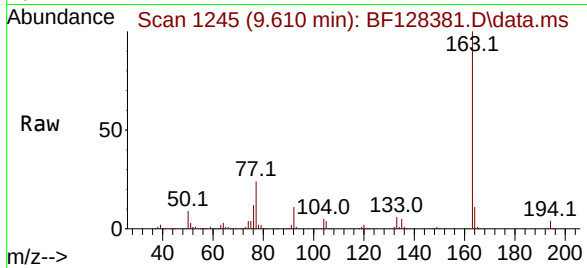




#50
Dimethylphthalate
Concen: 17.322 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

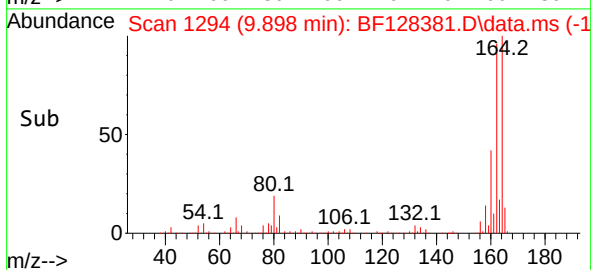
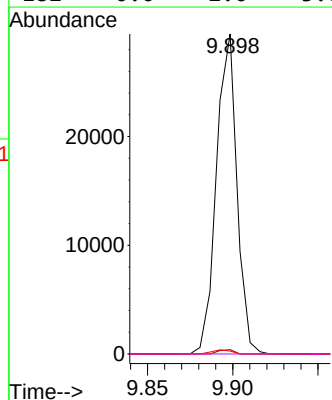
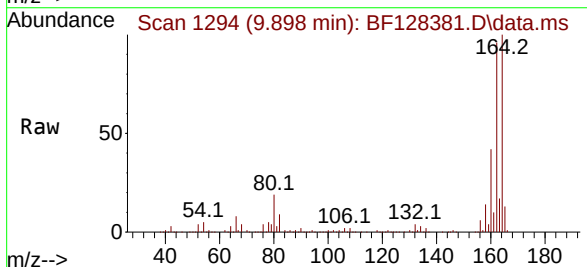
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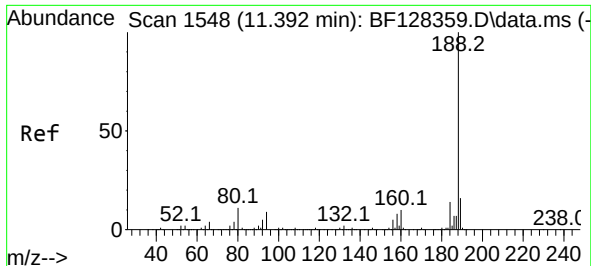
Tgt Ion:163 Resp: 209582
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 7.392 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

Tgt Ion:165 Resp: 24644
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

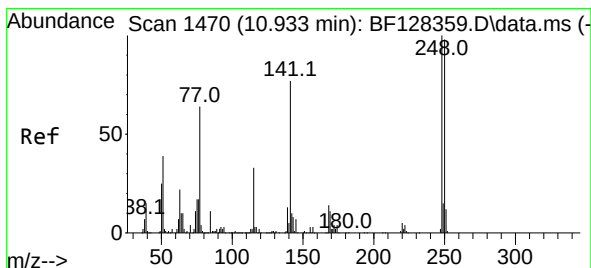
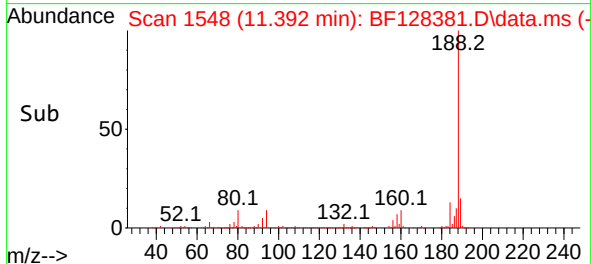
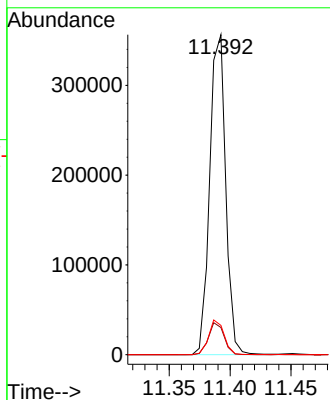
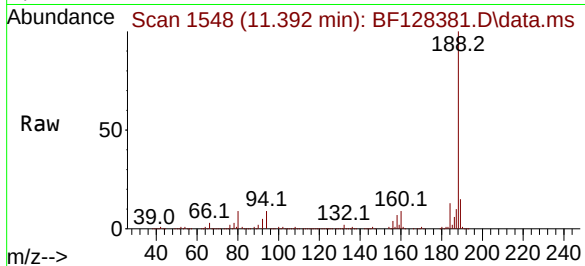




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

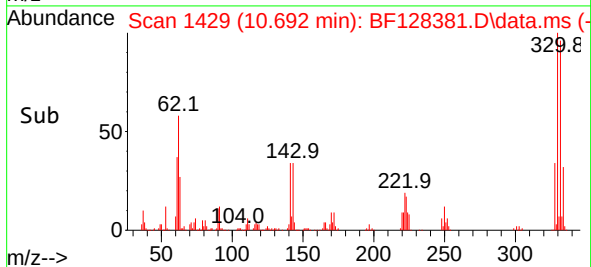
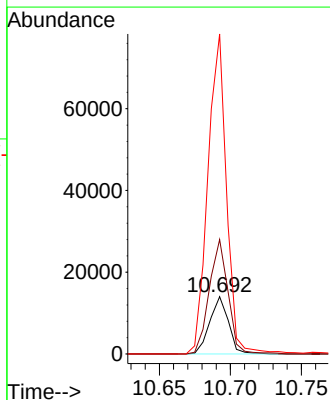
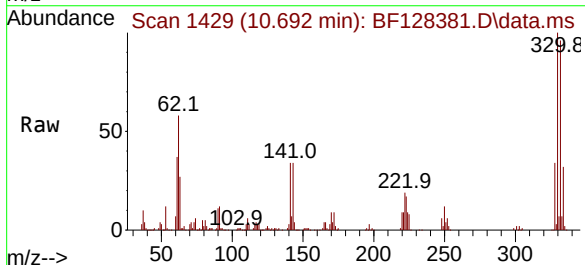
Instrument :
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MW-38I

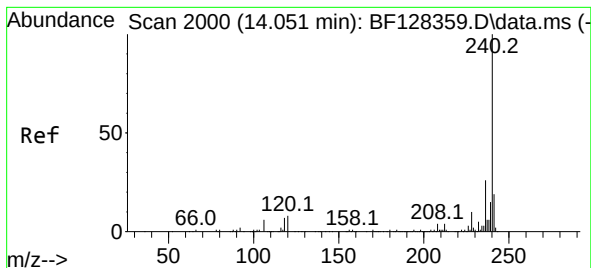
Tgt Ion:188 Resp: 325187
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128381.D
Acq: 20 May 2022 23:34

Tgt Ion:248 Resp: 12820
Ion Ratio Lower Upper
248 100
250 199.8 77.7 116.5#
141 558.5 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1818

Delta R.T. -0.011 min

Lab File: BF128381.D

Acq: 20 May 2022 23:34

Instrument :

BNA_F

ClientSampleId :

MW-38I

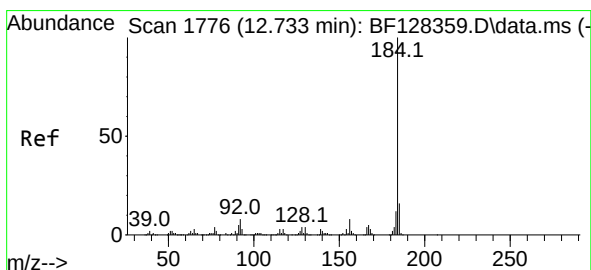
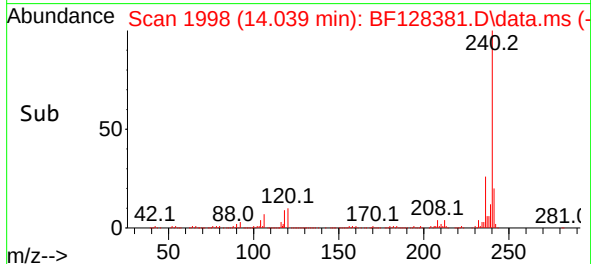
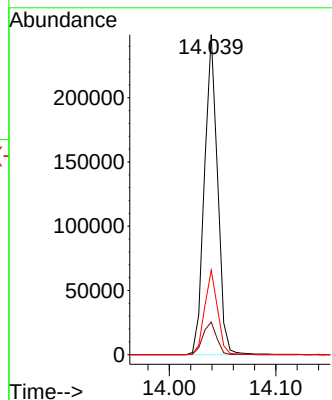
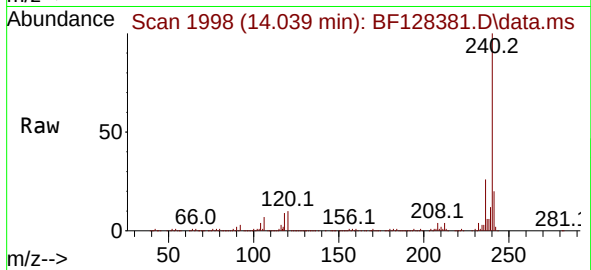
Tgt Ion:240 Resp: 214399

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

236 26.4 20.3 30.5



#77

Benidine

Concen: 2.908 ng

RT: 12.981 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128381.D

Acq: 20 May 2022 23:34

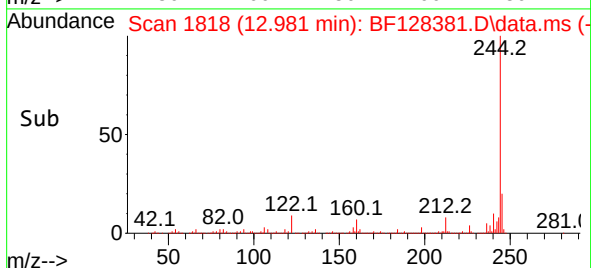
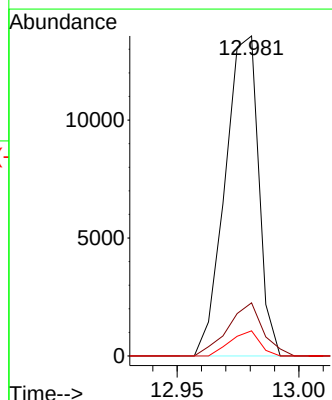
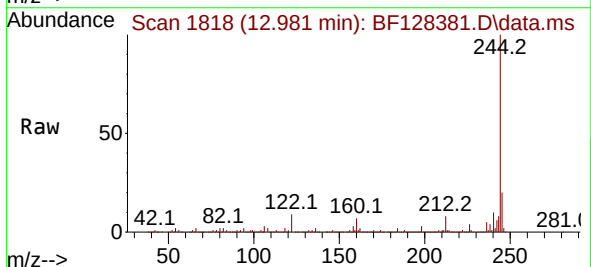
Tgt Ion:184 Resp: 12967

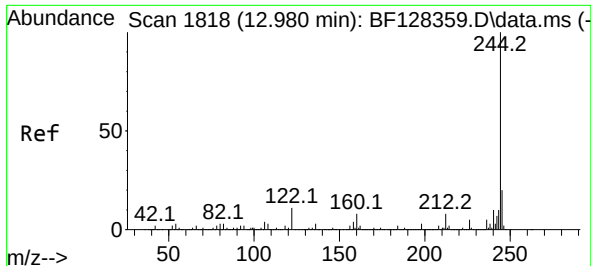
Ion Ratio Lower Upper

184 100

185 16.6 12.1 18.1

183 7.9 9.0 13.4#

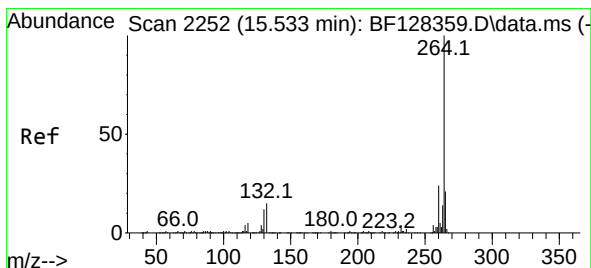
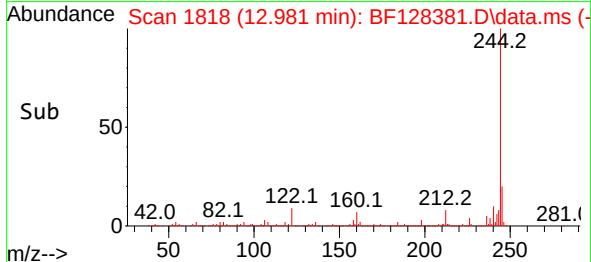
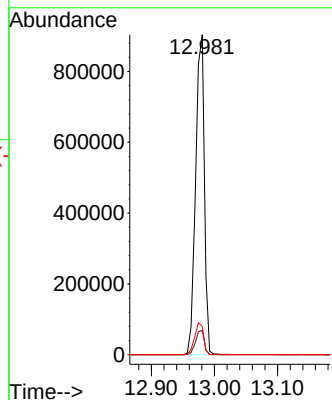
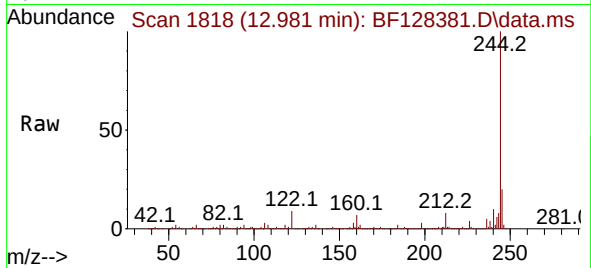




#79
 Terphenyl-d14
 Concen: 77.920 ng
 RT: 12.981 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128381.D
 Acq: 20 May 2022 23:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-38I

Tgt Ion:244 Resp: 865405
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128381.D
 Acq: 20 May 2022 23:34

Tgt Ion:264 Resp: 204176
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.3 17.5 26.3

