

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128053.D
 Acq On : 03 May 2022 18:43
 Operator : CG\JU
 Sample : N2649-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 04 04:27:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

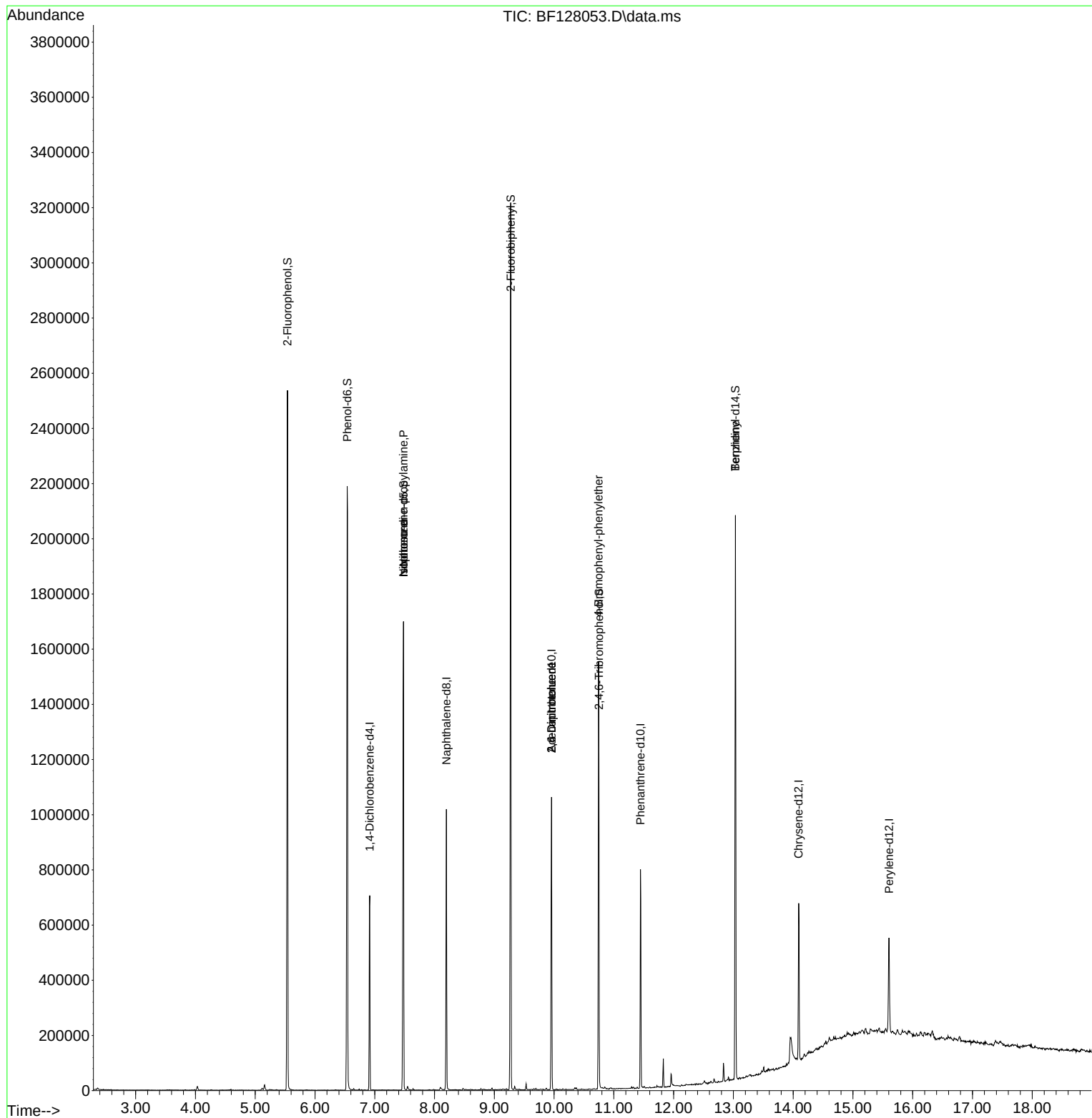
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	98066	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	376939	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	199017	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	287832	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	197381	20.000	ng	-0.01
86) Perylene-d12	15.604	264	154651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	595785	96.767	ng	0.00
7) Phenol-d6	6.540	99	795257	99.544	ng	-0.01
23) Nitrobenzene-d5	7.481	82	566432	70.664	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	174718	87.209	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	901533	76.635	ng	0.00
79) Terphenyl-d14	13.033	244	659931	61.137	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	77668	15.882	ng	# 78
25) Isophorone	7.481	82	566425	41.985	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	25996	8.996	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	25996	6.791	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	10249	3.212	ng	# 1
77) Benzidine	13.033	184	9782	2.619	ng	# 90

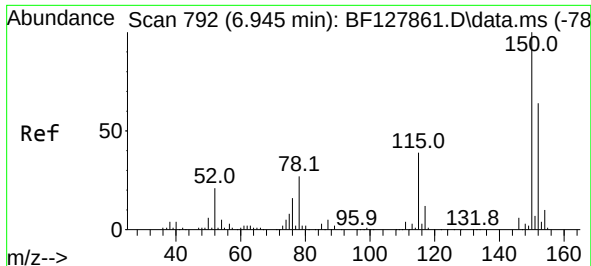
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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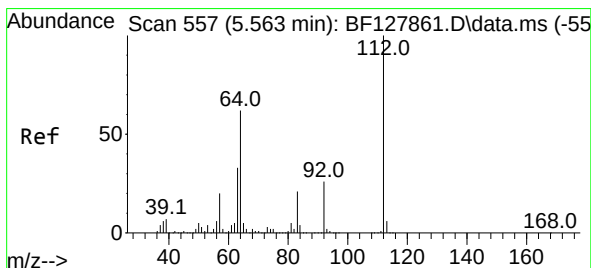
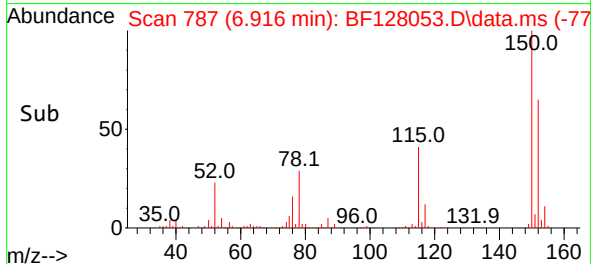
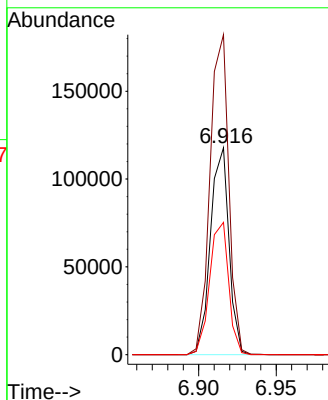
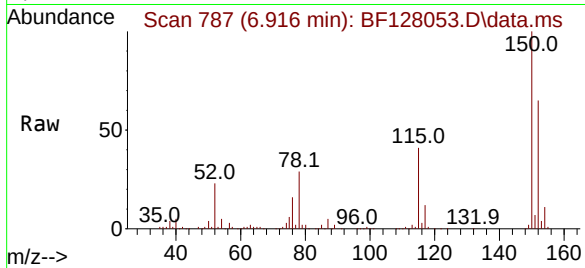




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

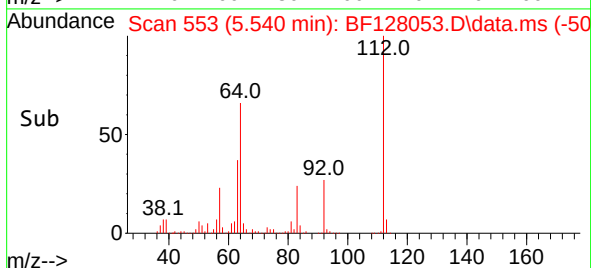
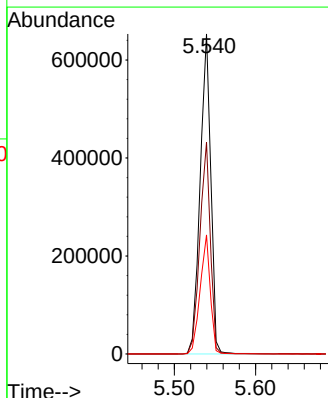
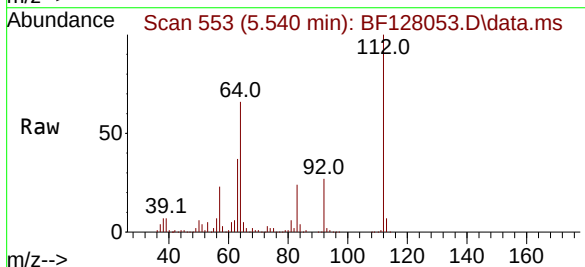
Instrument :
BNA_F
ClientSampleId :
WC-1

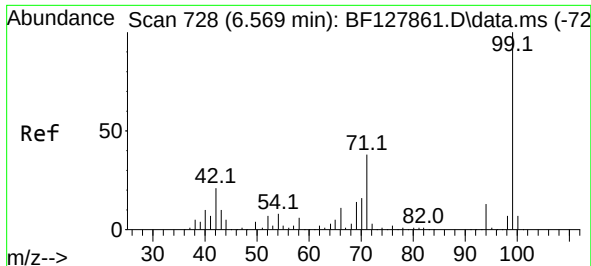
Tgt Ion:152 Resp: 98066
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 96.767 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:112 Resp: 595785
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 37.2 26.3 39.5

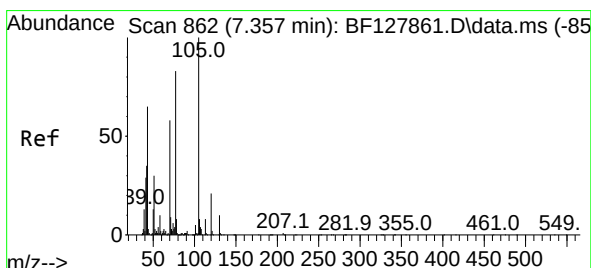
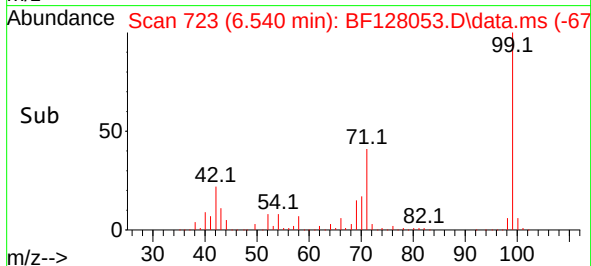
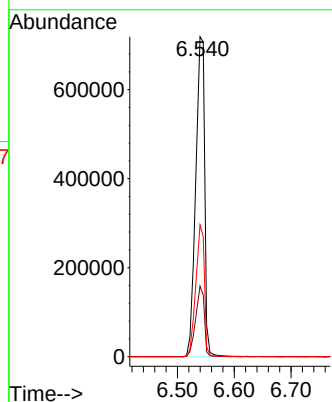
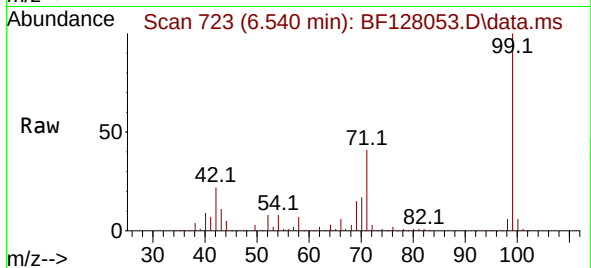




#7
Phenol-d6
Concen: 99.544 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

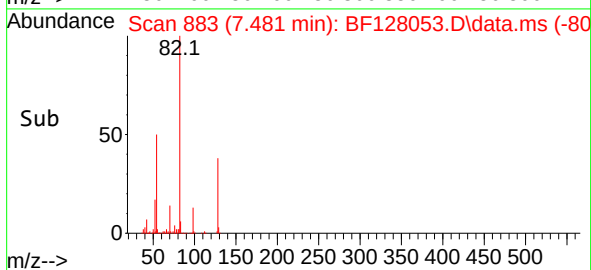
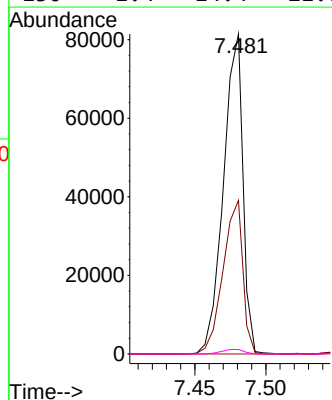
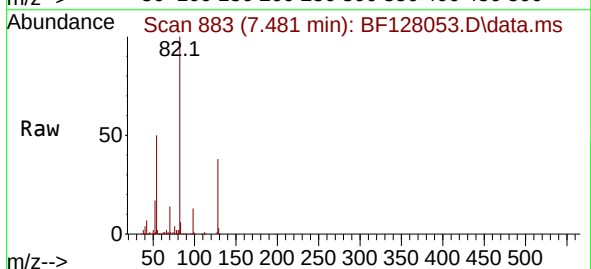
Instrument :
BNA_F
ClientSampleId :
WC-1

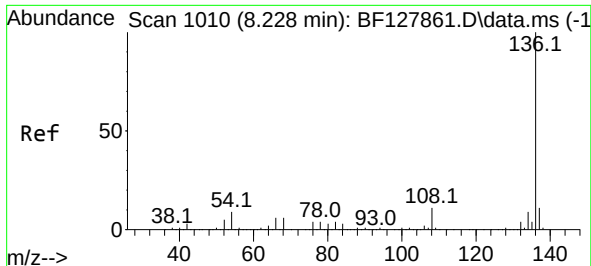
Tgt Ion: 99 Resp: 795257
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.882 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion: 70 Resp: 77668
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

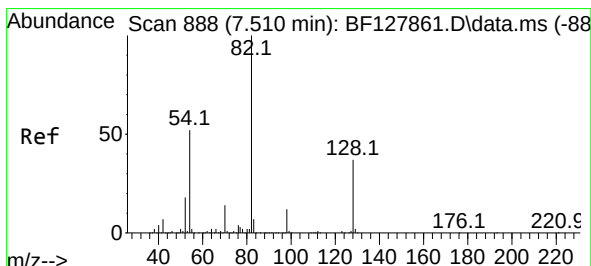
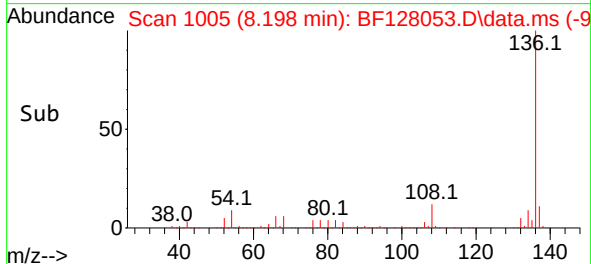
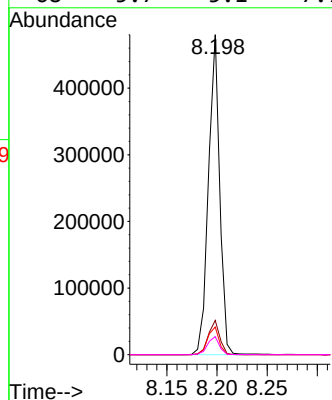
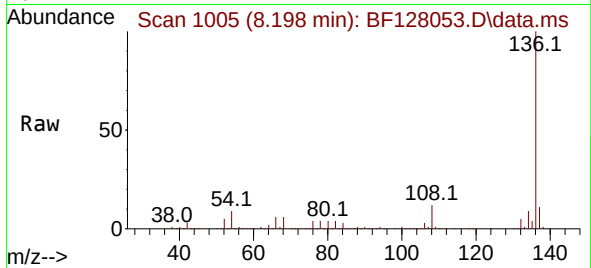




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

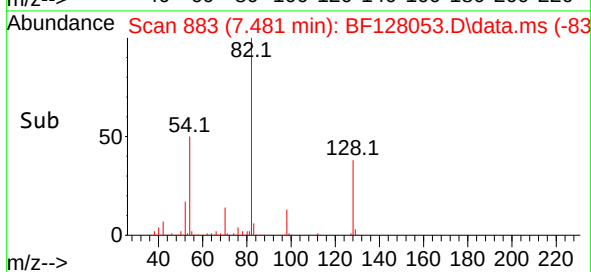
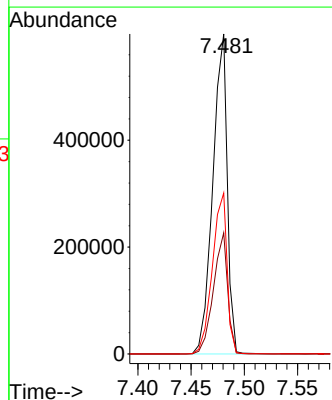
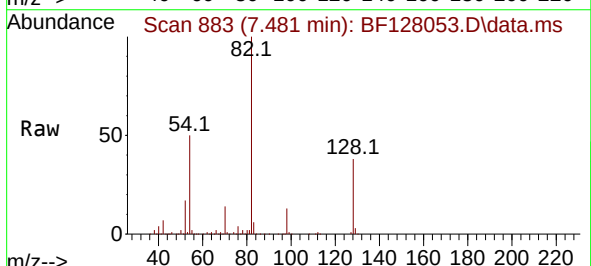
Instrument :
BNA_F
ClientSampleId :
WC-1

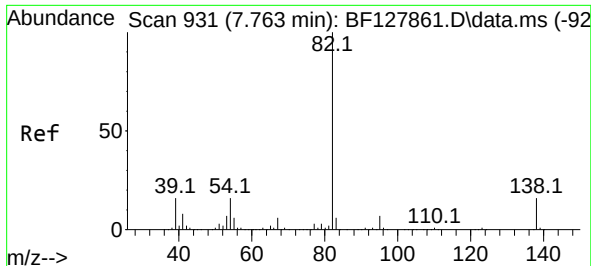
Tgt Ion:	136	Resp:	376939
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 70.664 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:	82	Resp:	566432
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.0	45.0
54	50.3	41.3	61.9

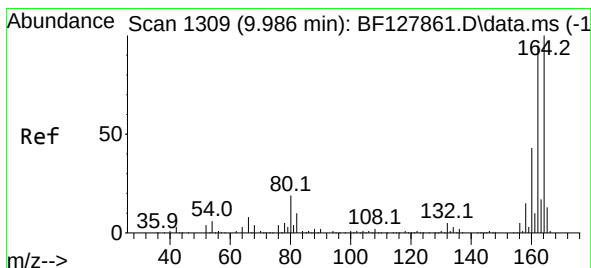
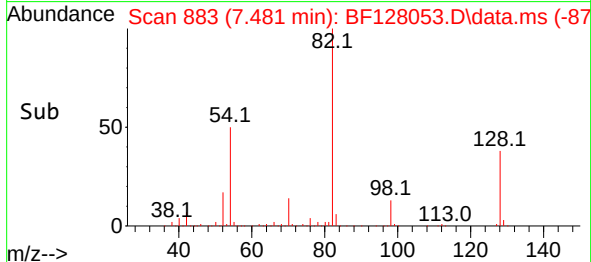
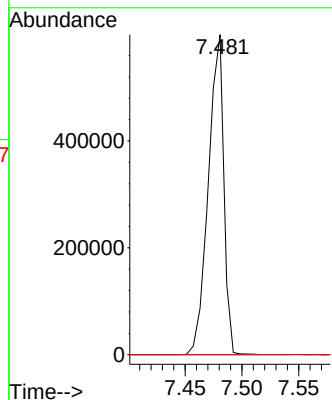
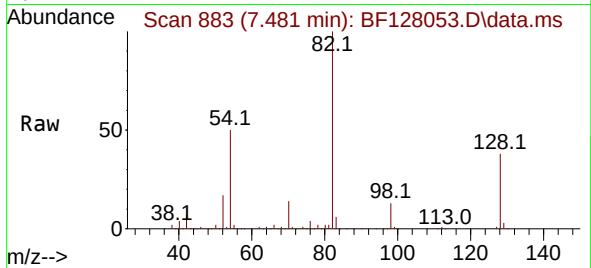




#25
Isophorone
Concen: 41.985 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

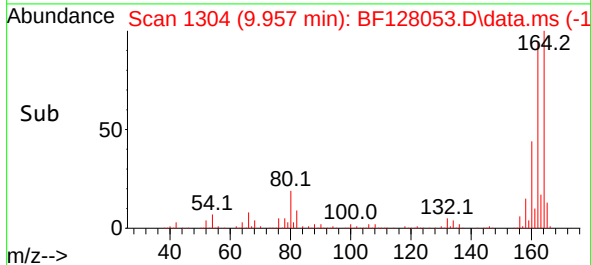
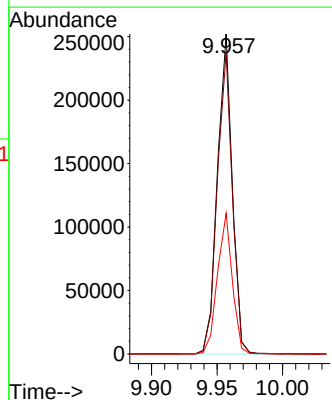
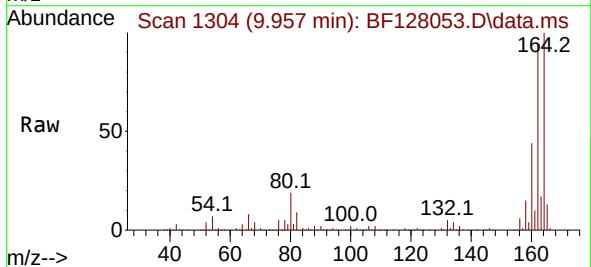
Instrument :
BNA_F
ClientSampleId :
WC-1

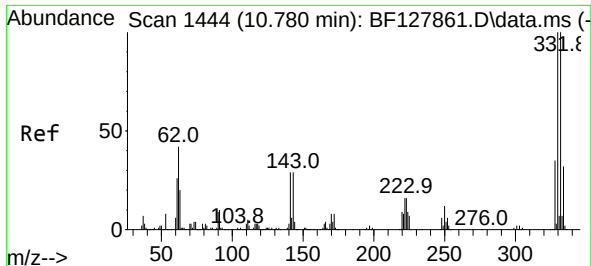
Tgt Ion: 82 Resp: 566425
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion: 164 Resp: 199017
Ion Ratio Lower Upper
164 100
162 94.2 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.209 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

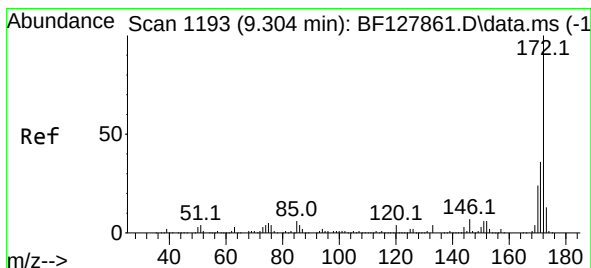
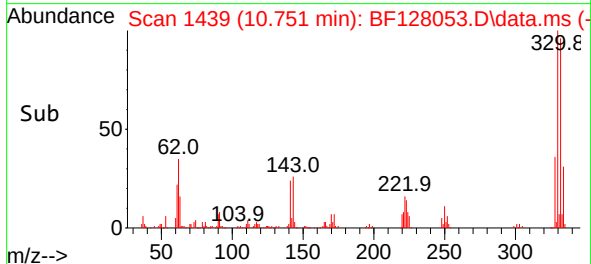
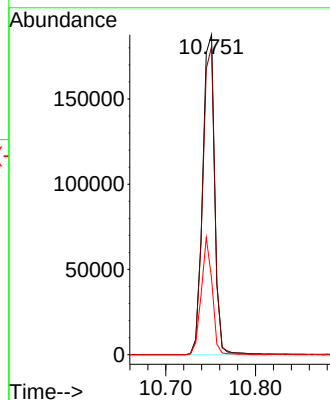
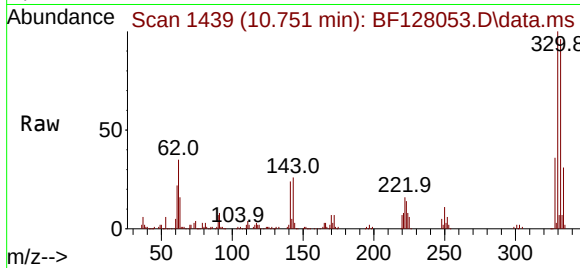
Tgt Ion:330 Resp: 174718

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 76.635 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

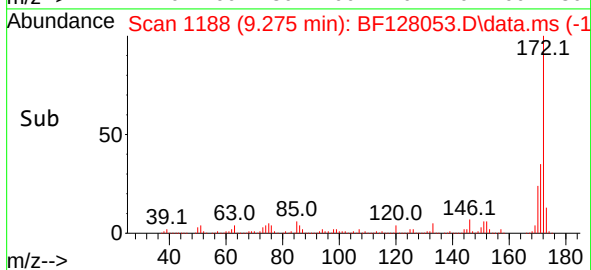
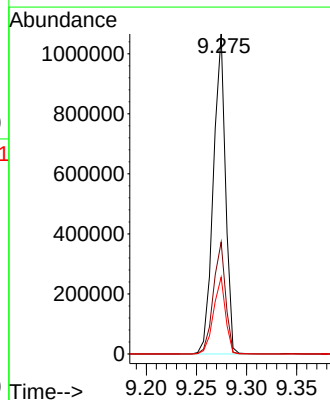
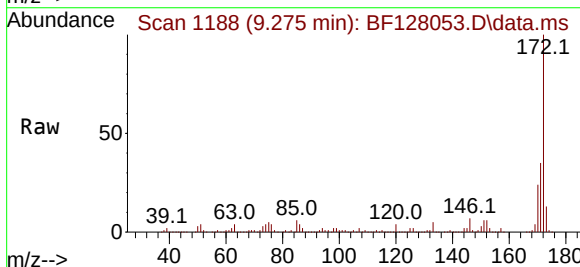
Tgt Ion:172 Resp: 901533

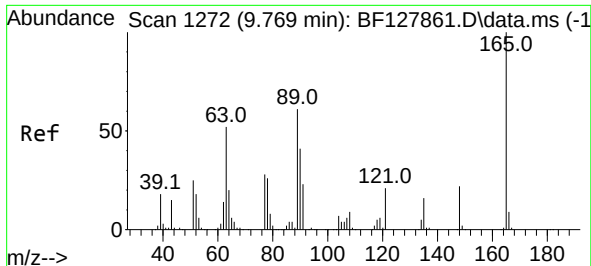
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 24.0 19.1 28.7

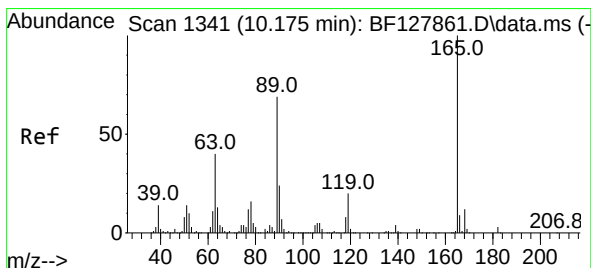
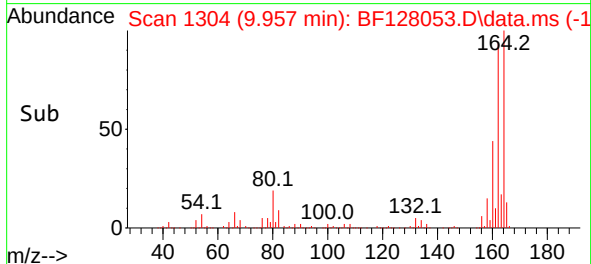
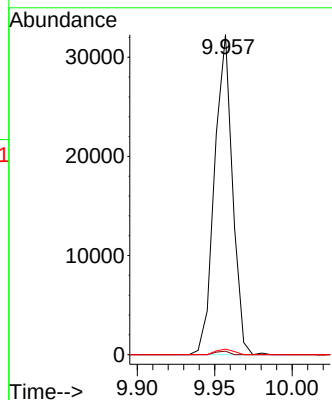
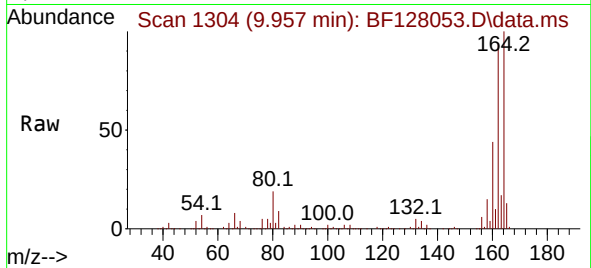




#51
2,6-Dinitrotoluene
Concen: 8.996 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

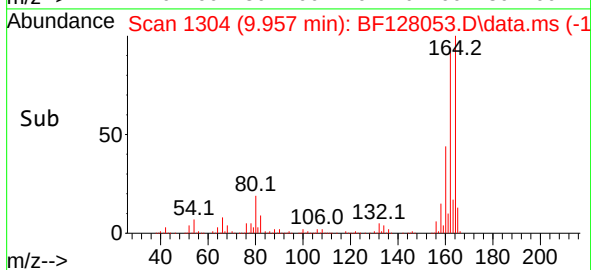
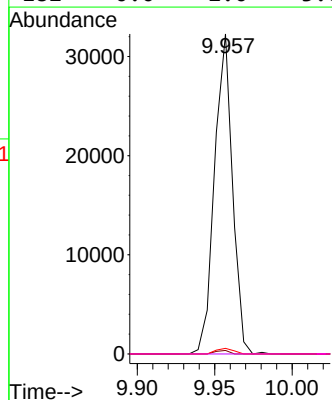
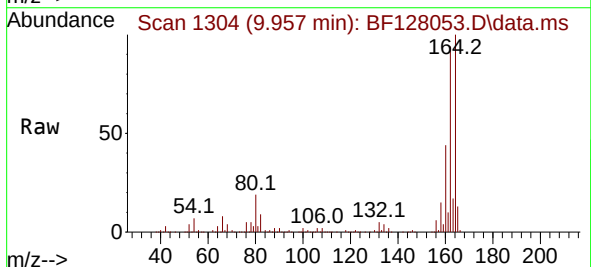
Instrument :
BNA_F
ClientSampleId :
WC-1

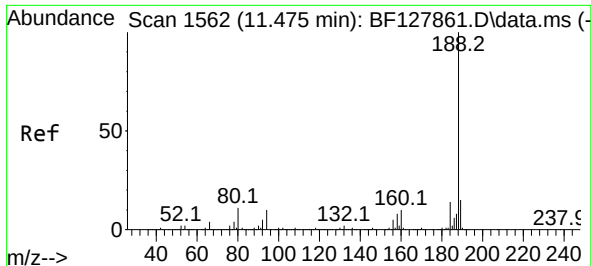
Tgt Ion:165 Resp: 25996
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:165 Resp: 25996
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

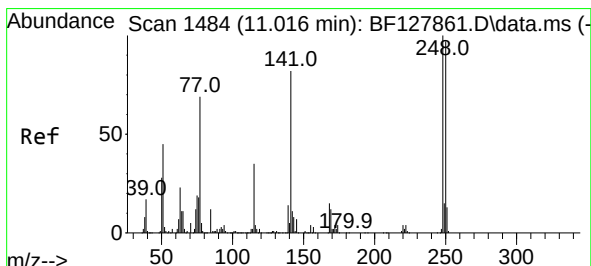
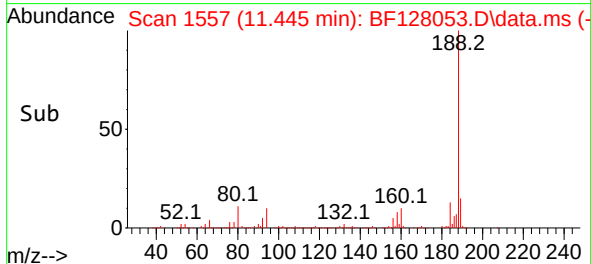
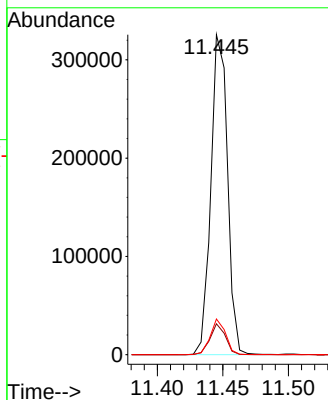
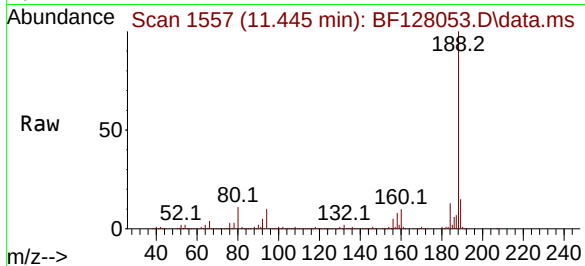




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

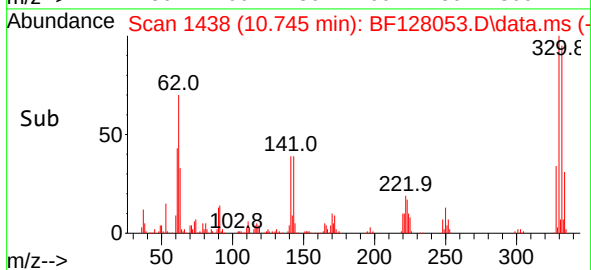
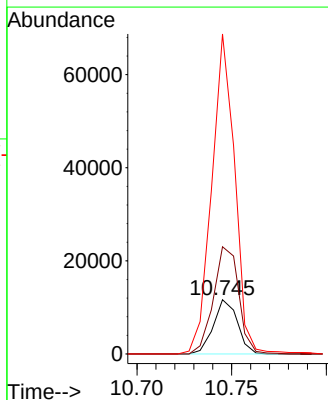
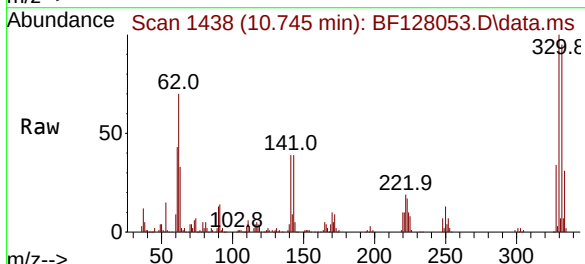
Instrument :
BNA_F
ClientSampleId :
WC-1

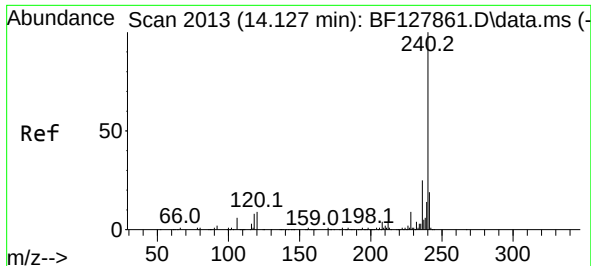
Tgt Ion:188 Resp: 287832
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.212 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.253 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:248 Resp: 10249
Ion Ratio Lower Upper
248 100
250 198.0 77.7 116.5#
141 590.5 65.6 98.4#

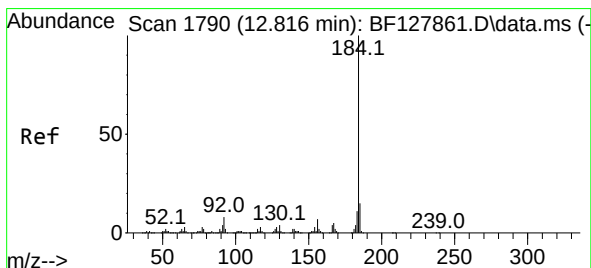
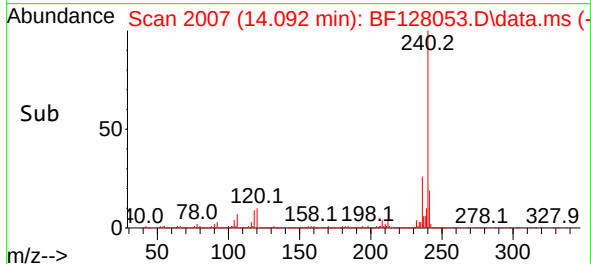
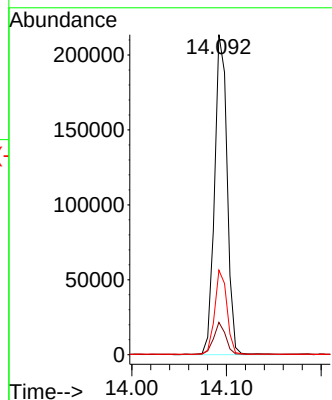
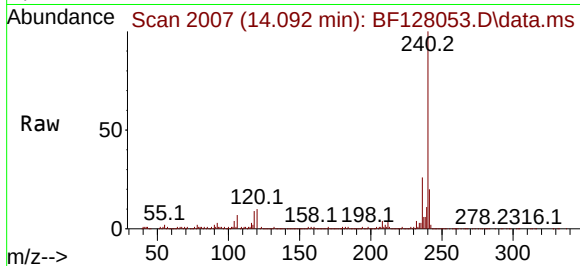




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

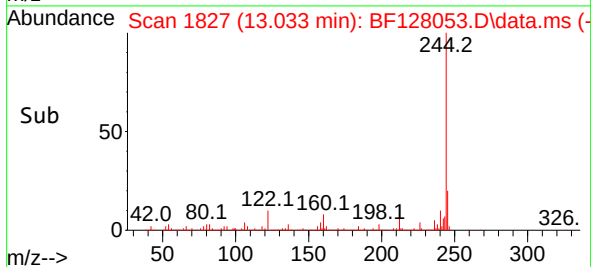
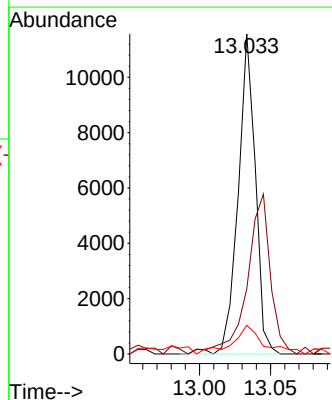
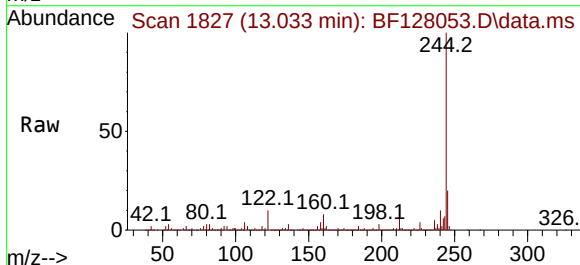
Instrument :
BNA_F
ClientSampleId :
WC-1

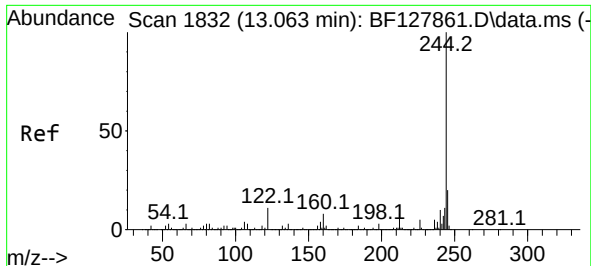
Tgt Ion:240 Resp: 197381
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.4 20.3 30.5



#77
Benzidine
Concen: 2.619 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:184 Resp: 9782
Ion Ratio Lower Upper
184 100
185 20.3 12.1 18.1#
183 8.9 9.0 13.4#

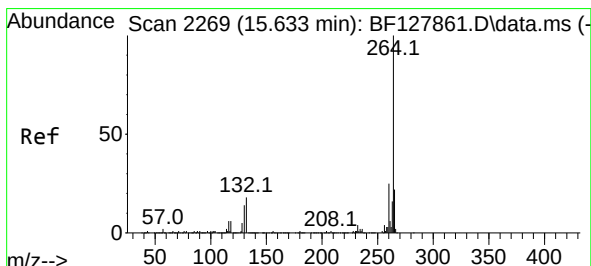
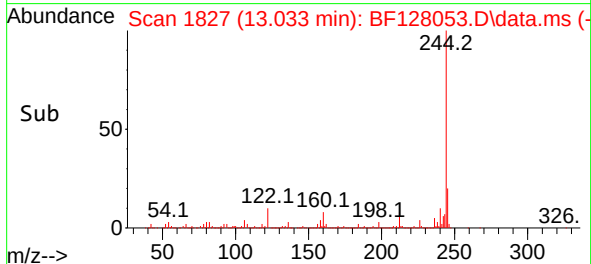
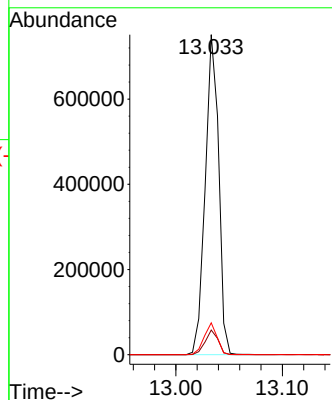
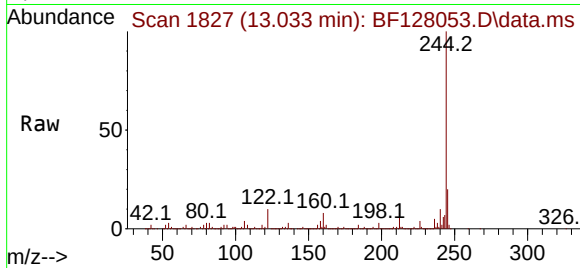




#79
 Terphenyl-d14
 Concen: 61.137 ng
 RT: 13.033 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF128053.D
 Acq: 03 May 2022 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 659931
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128053.D
 Acq: 03 May 2022 18:43

Tgt Ion:264 Resp: 154651
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

