

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130179.D
 Acq On : 08 Sep 2022 15:27
 Operator : CG\JU
 Sample : N4530-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Sep 09 01:04:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

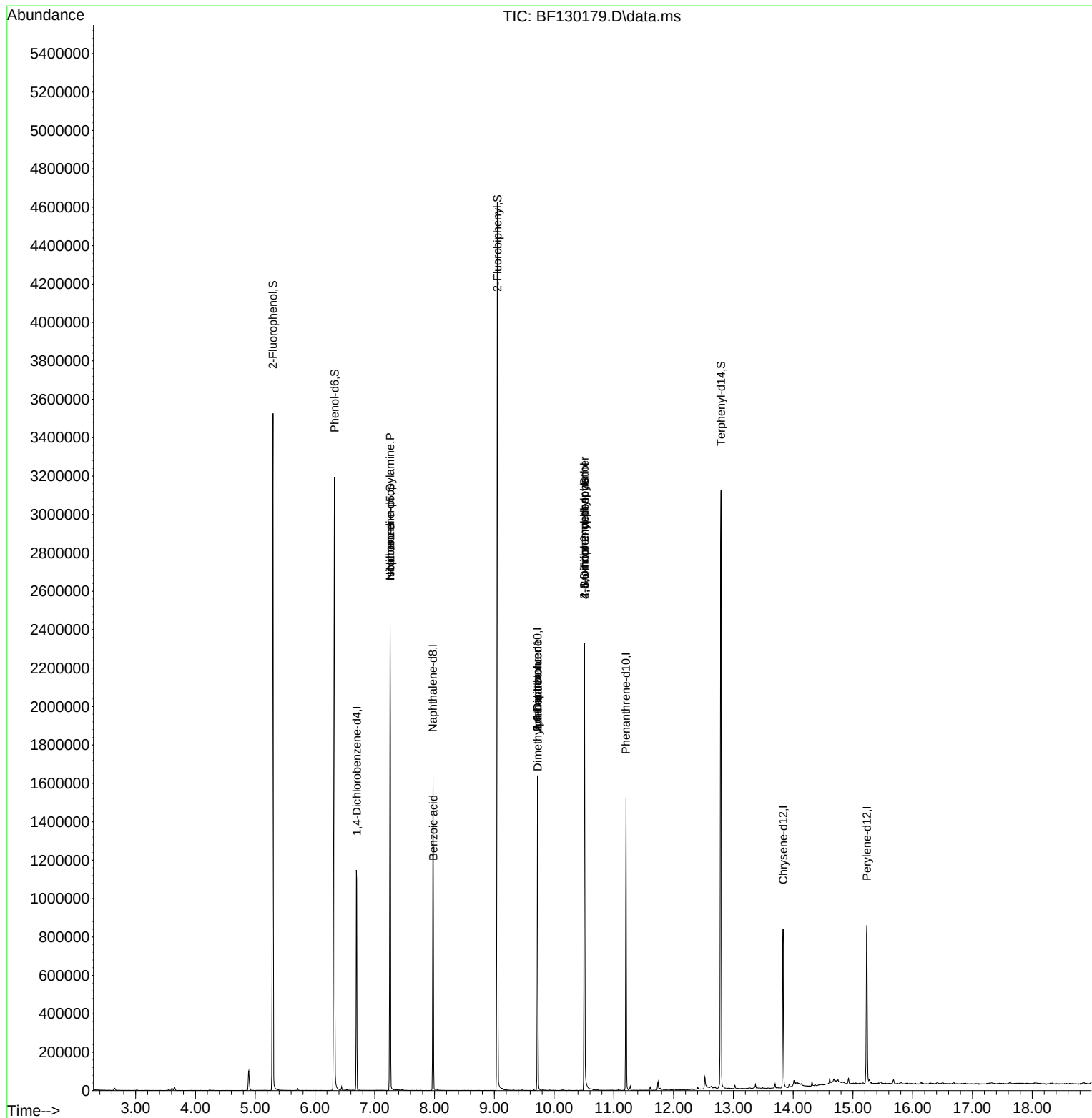
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	174173	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	662998	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	340551	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	495067	20.000	ng	0.00
76) Chrysene-d12	13.833	240	281407	20.000	ng	-0.01
86) Perylene-d12	15.233	264	355215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1070399	104.331	ng	0.00
7) Phenol-d6	6.328	99	1353206	105.795	ng	0.00
23) Nitrobenzene-d5	7.257	82	793415	76.908	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	276302	89.131	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1435008	69.863	ng	0.00
79) Terphenyl-d14	12.792	244	1067166	65.762	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	102817	13.343	ng	# 74
25) Isophorone	7.257	82	789589	37.815	ng	# 65
32) Benzoic acid	7.981	122	132	6.588	ng	# 1
50) Dimethylphthalate	9.727	163	61627	2.657	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	44069	9.745	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	44069	8.464	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	563	6.291	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	16131	2.929	ng	# 1

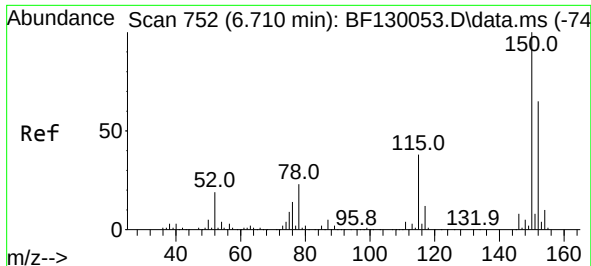
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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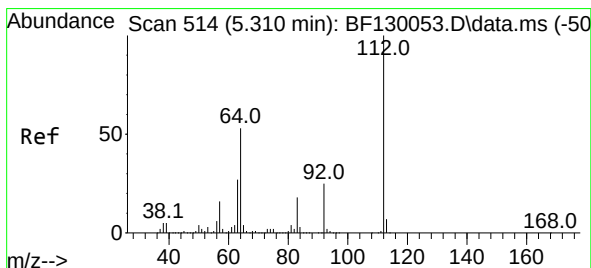
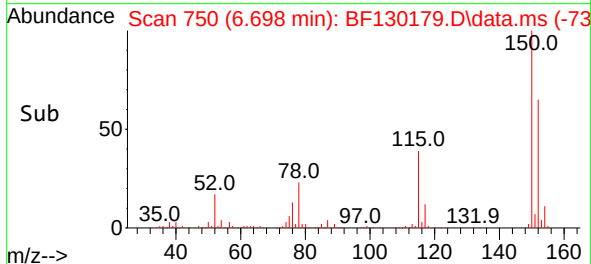
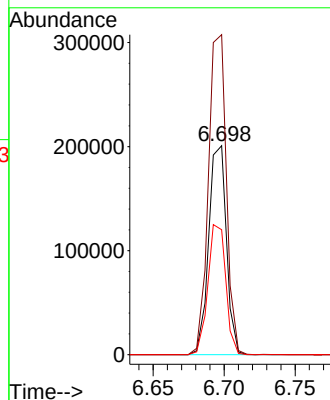
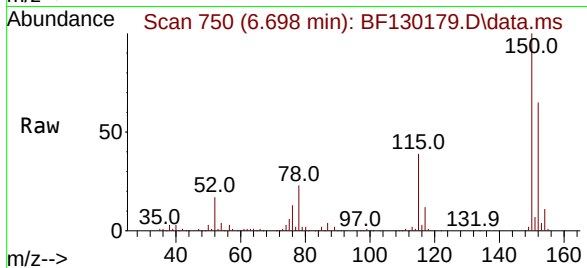




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130179.D
 Acq: 08 Sep 2022 15:27

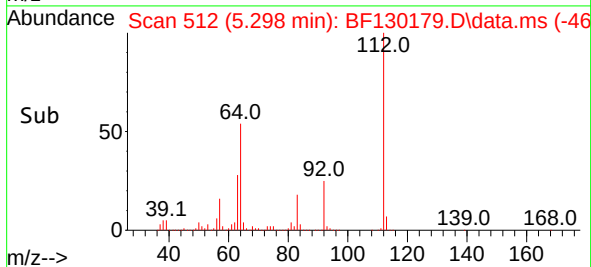
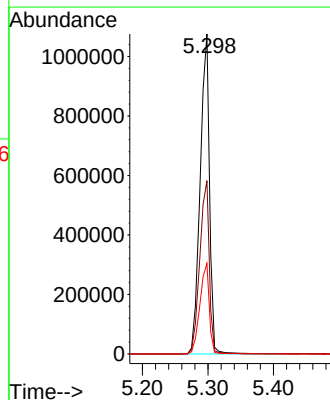
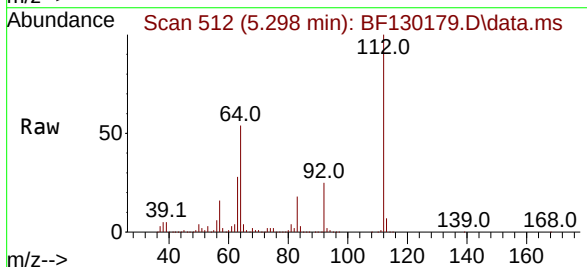
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

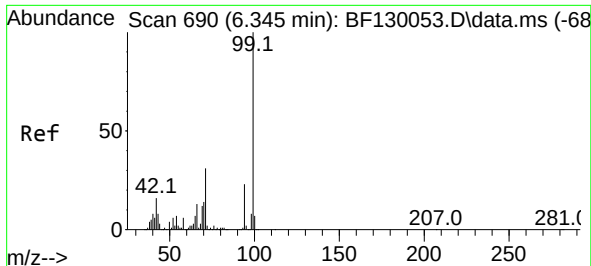
Tgt Ion:152 Resp: 174173
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.9 190.3
 115 59.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 104.331 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130179.D
 Acq: 08 Sep 2022 15:27

Tgt Ion:112 Resp: 1070399
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.6 71.4
 63 28.3 24.6 37.0

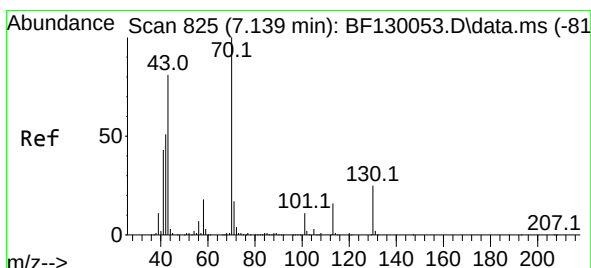
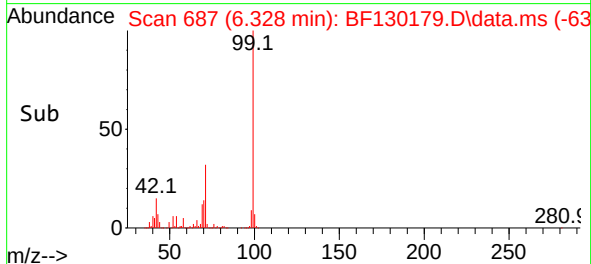
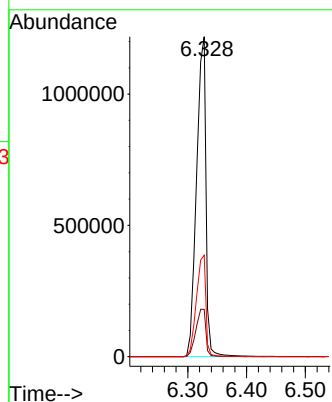
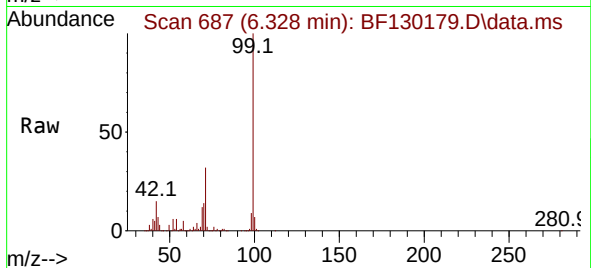




#7
Phenol-d6
Concen: 105.795 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

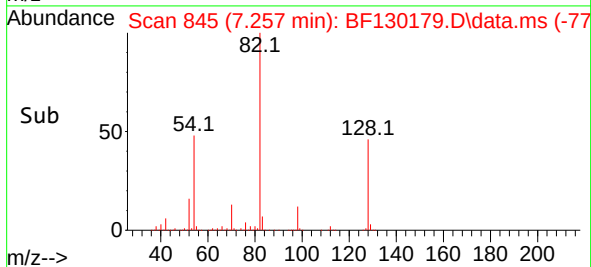
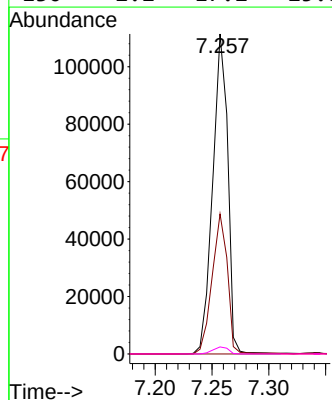
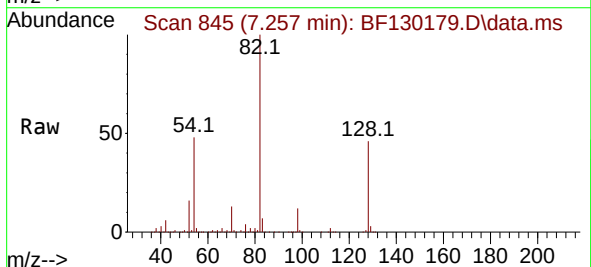
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

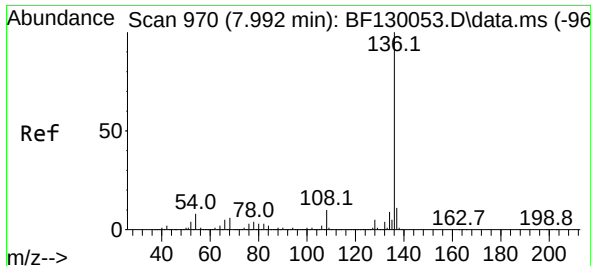
Tgt Ion: 99 Resp: 1353206
Ion Ratio Lower Upper
99 100
42 14.8 15.0 22.4#
71 31.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.343 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

Tgt Ion: 70 Resp: 102817
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

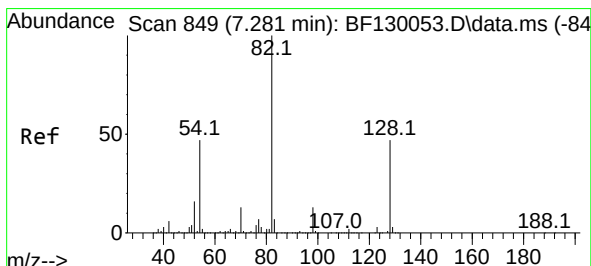
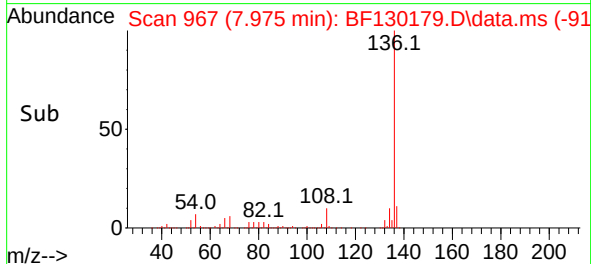
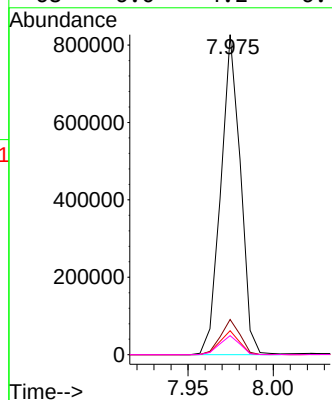
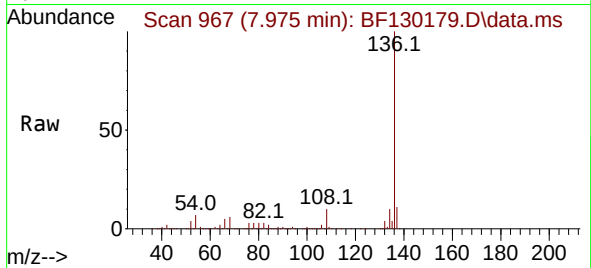




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

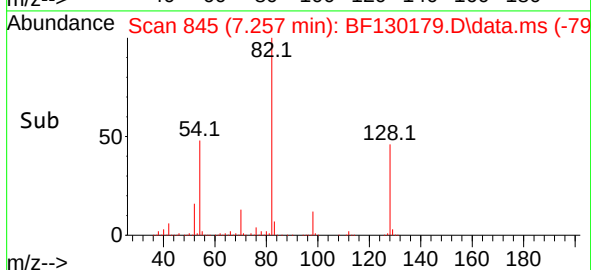
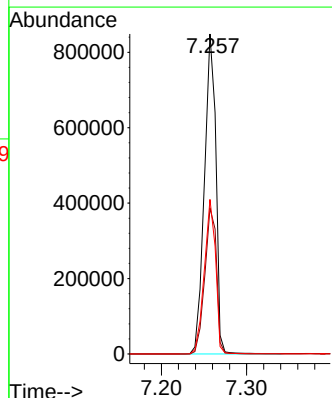
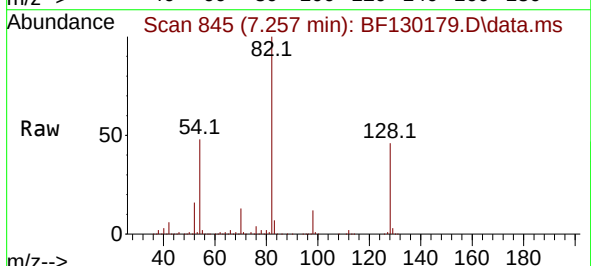
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

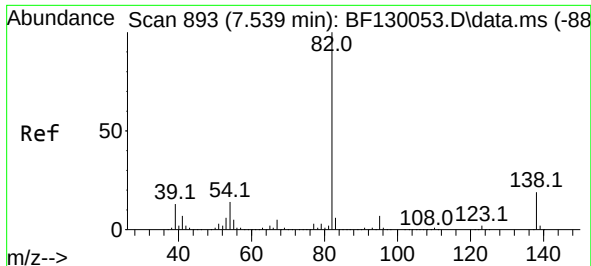
Tgt Ion:136 Resp: 662998
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 6.2 9.2
68 6.0 4.2 6.4



#23
Nitrobenzene-d5
Concen: 76.908 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

Tgt Ion: 82 Resp: 793415
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 48.3 40.0 60.0

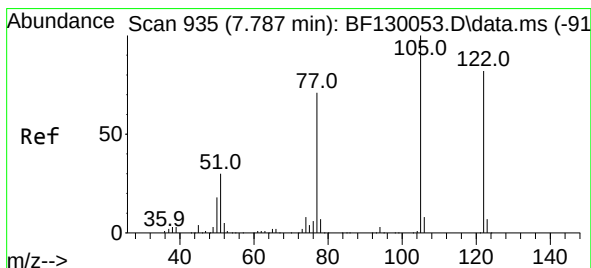
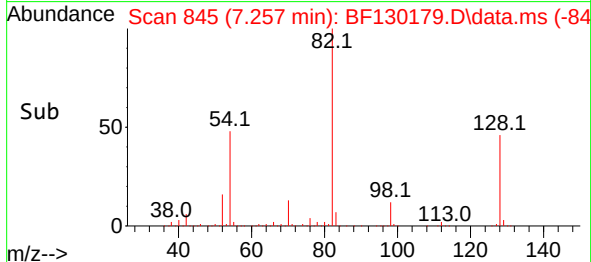
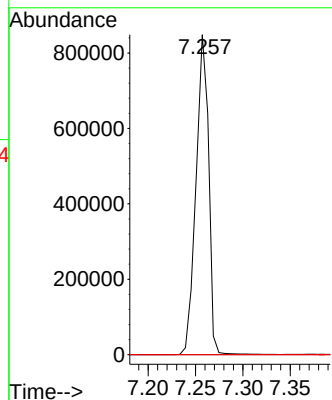
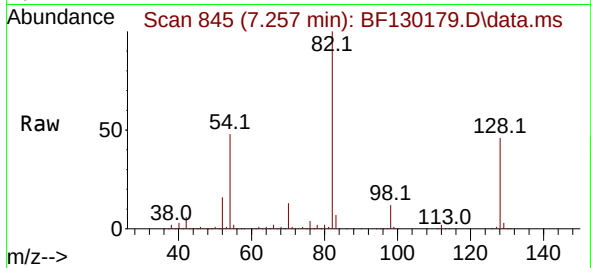




#25
Isophorone
Concen: 37.815 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

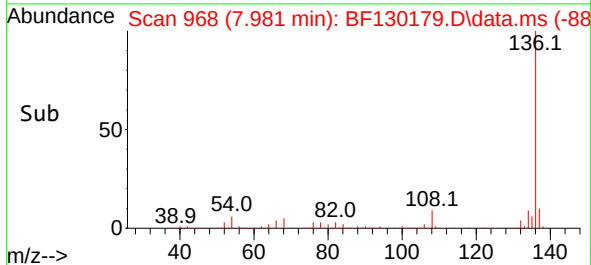
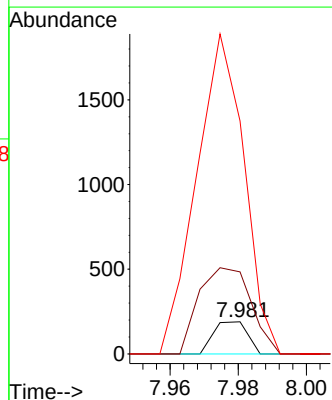
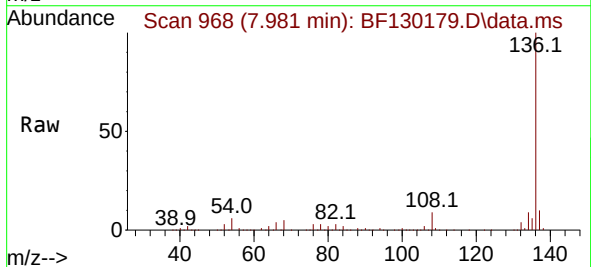
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

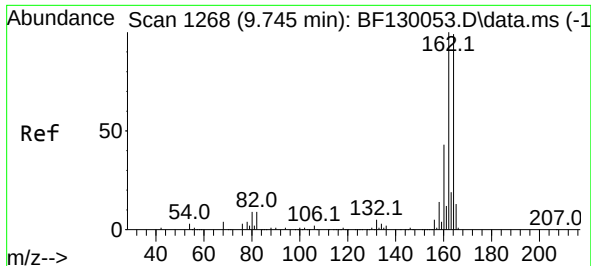
Tgt Ion: 82 Resp: 789589
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.588 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.212 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

Tgt Ion: 122 Resp: 132
Ion Ratio Lower Upper
122 100
105 254.7 99.9 139.9#
77 723.7 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130179.D

Acq: 08 Sep 2022 15:27

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

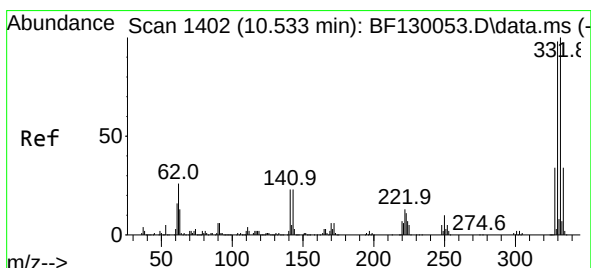
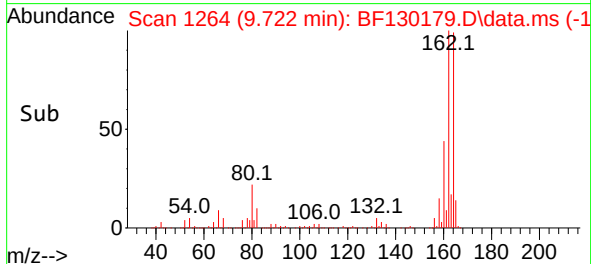
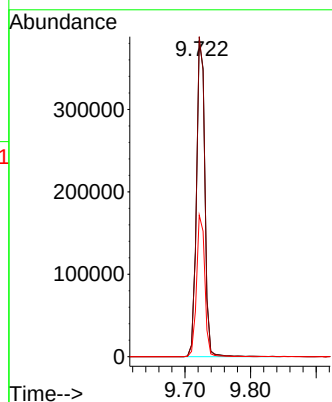
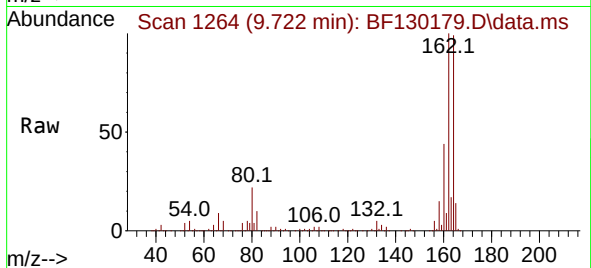
Tgt Ion:164 Resp: 340551

Ion Ratio Lower Upper

164 100

162 101.2 82.0 123.0

160 44.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 89.131 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130179.D

Acq: 08 Sep 2022 15:27

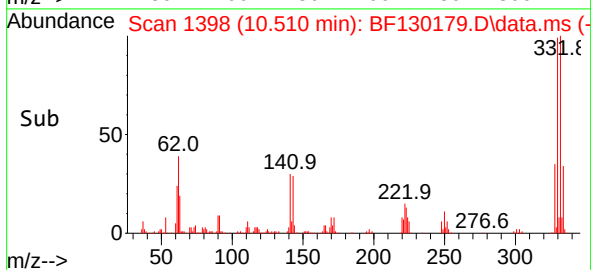
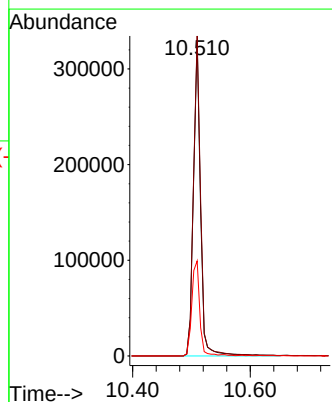
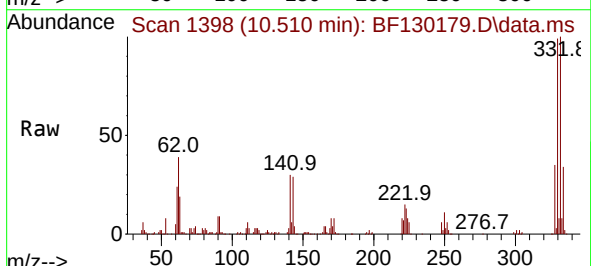
Tgt Ion:330 Resp: 276302

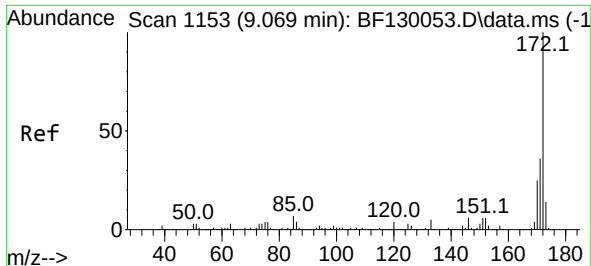
Ion Ratio Lower Upper

330 100

332 103.0 82.6 124.0

141 33.9 27.6 41.4

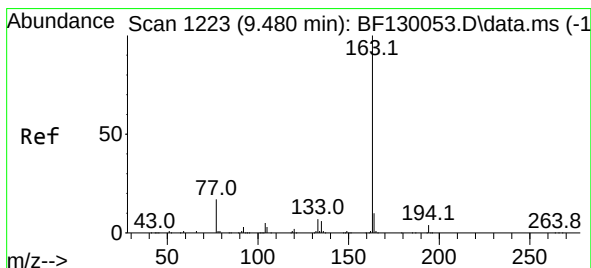
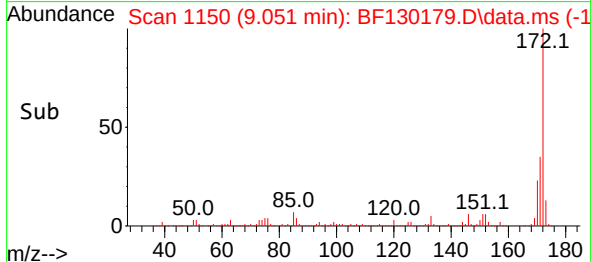
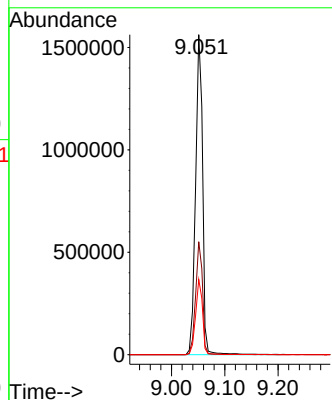
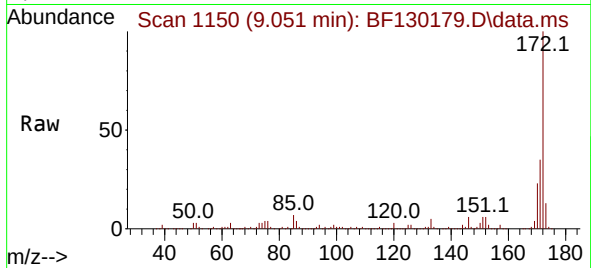




#45
2-Fluorobiphenyl
Concen: 69.863 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

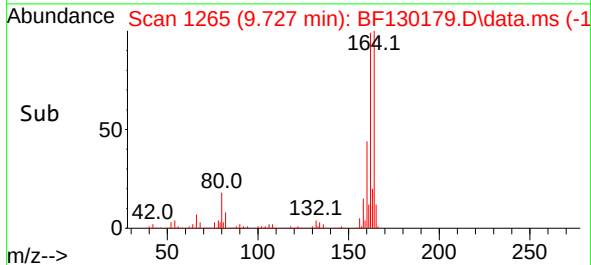
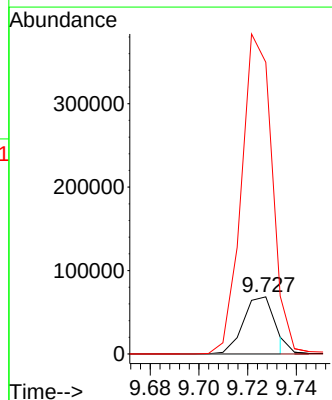
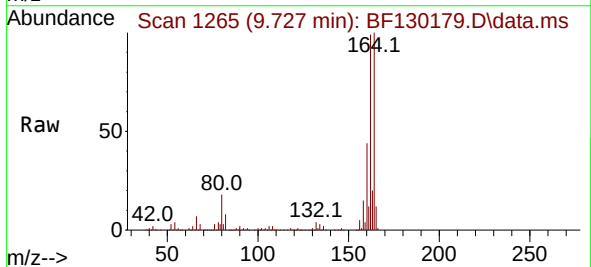
Instrument :
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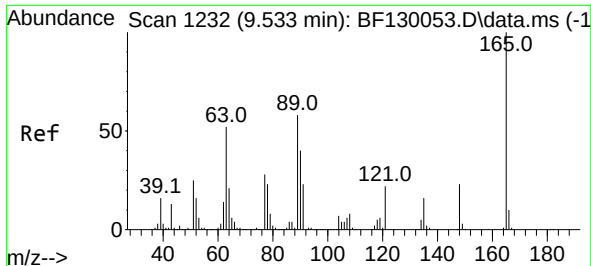
Tgt Ion:172 Resp: 1435008
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 19.1 28.7



#50
Dimethylphthalate
Concen: 2.657 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.259 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

Tgt Ion:163 Resp: 61627
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 510.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.745 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130179.D

Acq: 08 Sep 2022 15:27

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

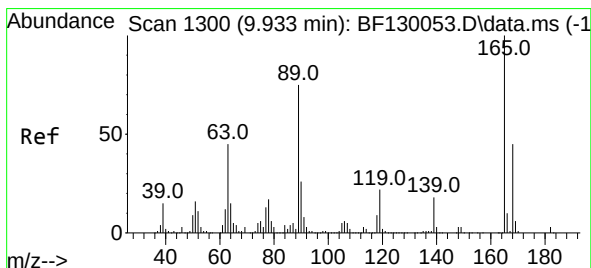
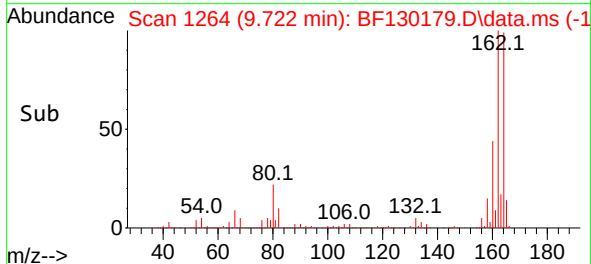
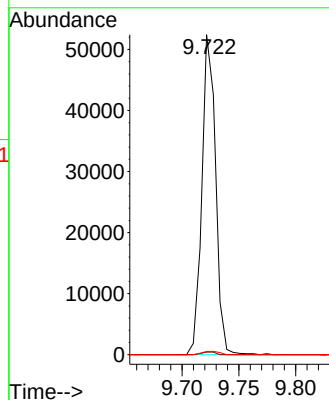
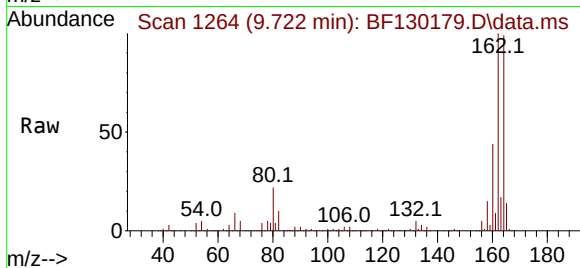
Tgt Ion:165 Resp: 44069

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.464 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130179.D

Acq: 08 Sep 2022 15:27

Tgt Ion:165 Resp: 44069

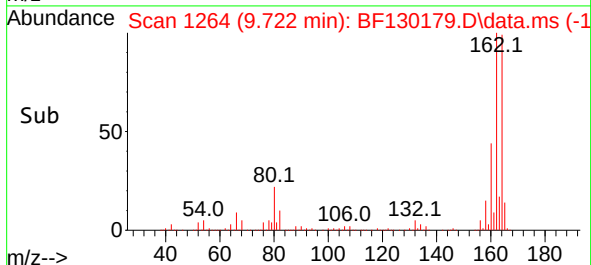
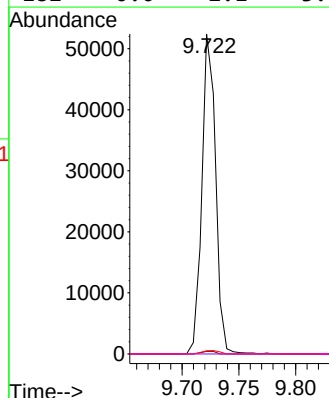
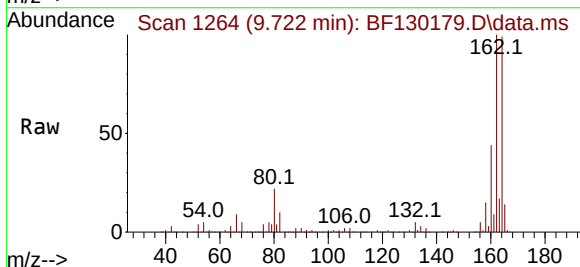
Ion Ratio Lower Upper

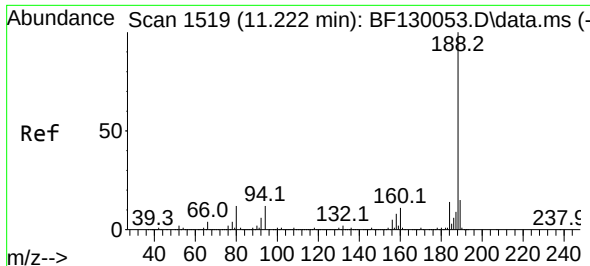
165 100

63 0.8 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

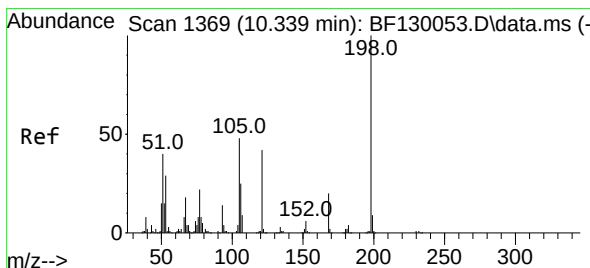
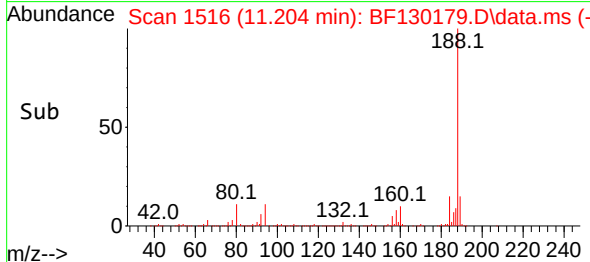
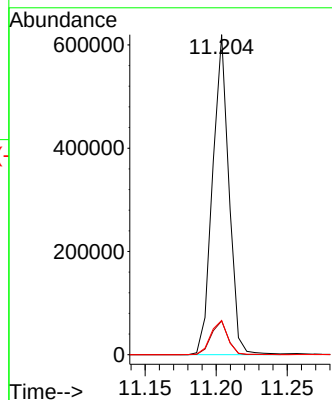
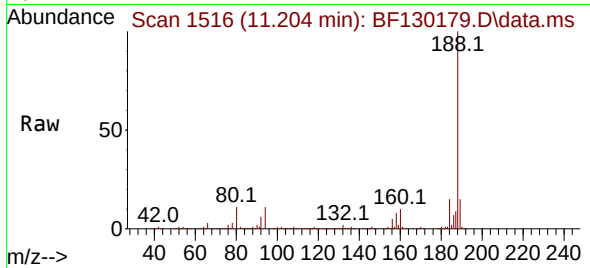




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

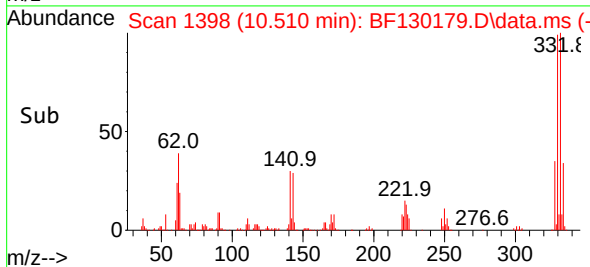
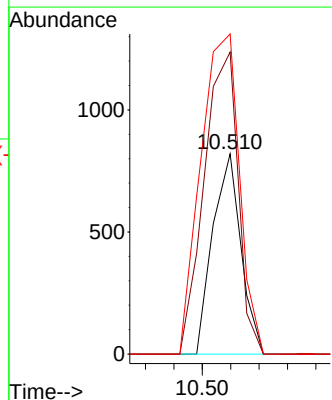
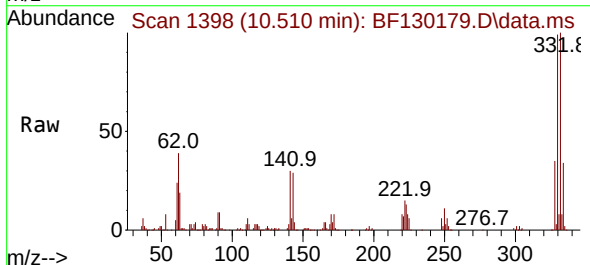
Instrument :
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ClientSampleId :
SB-20-COMP

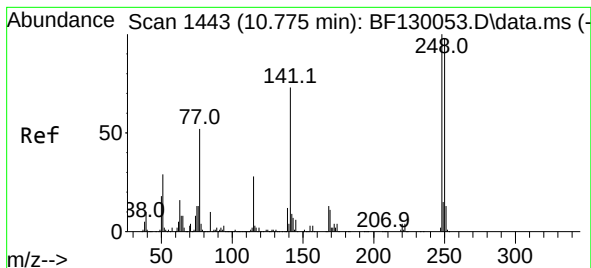
Tgt Ion:188 Resp: 495067
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 10.7 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.291 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 150.9 29.4 69.4#
105 159.9 29.2 69.2#

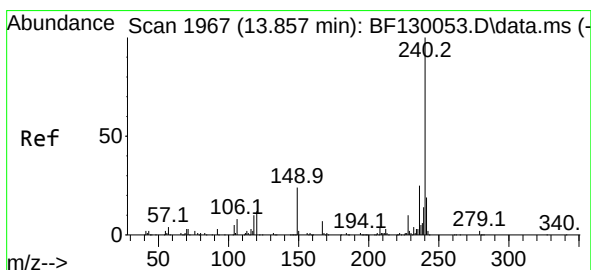
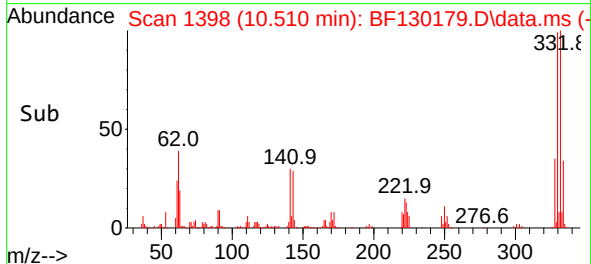
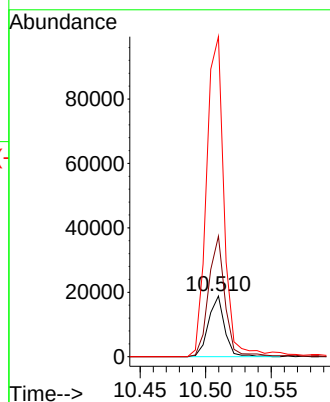
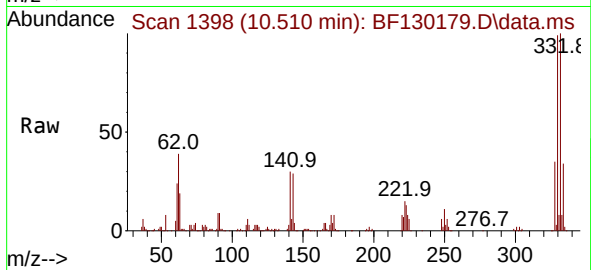




#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

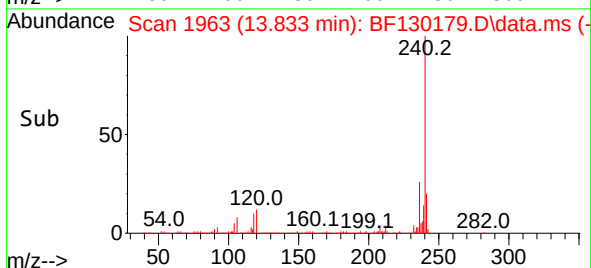
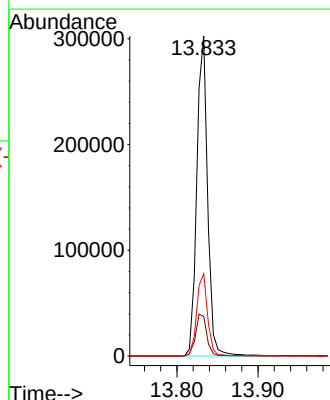
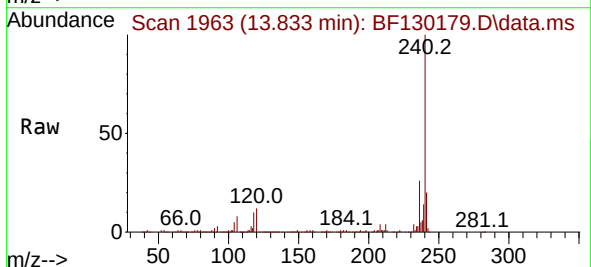
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

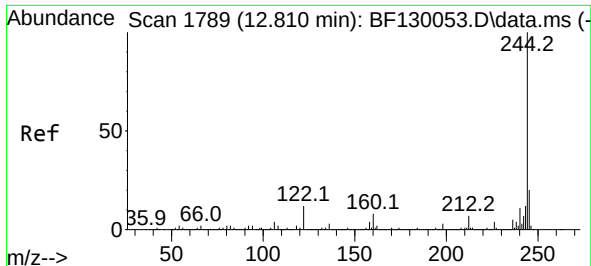
Tgt Ion:248 Resp: 16131
Ion Ratio Lower Upper
248 100
250 198.6 77.8 116.6#
141 527.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130179.D
Acq: 08 Sep 2022 15:27

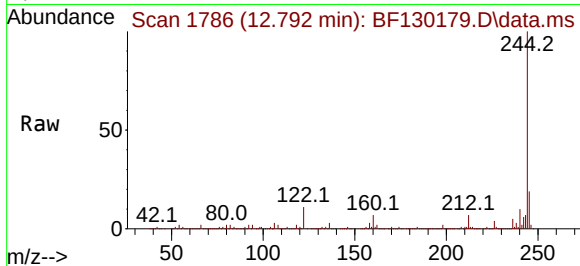
Tgt Ion:240 Resp: 281407
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.7 20.7 31.1



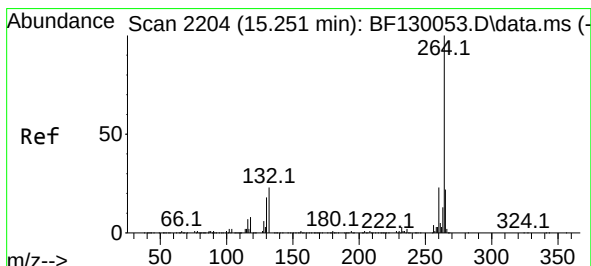
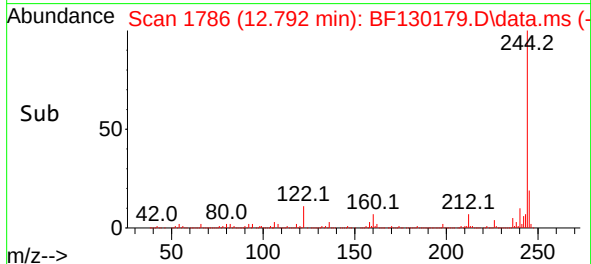
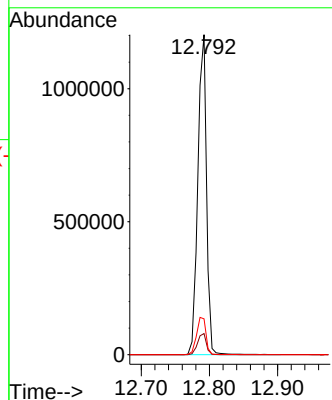


#79
 Terphenyl-d14
 Concen: 65.762 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130179.D
 Acq: 08 Sep 2022 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP



Tgt Ion:244 Resp: 1067166
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 11.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130179.D
 Acq: 08 Sep 2022 15:27

Tgt Ion:264 Resp: 355215
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.0 16.7 25.1

