

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130200.D
 Acq On : 09 Sep 2022 18:03
 Operator : CG\JU
 Sample : N4549-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Quant Time: Sep 09 23:48:57 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)

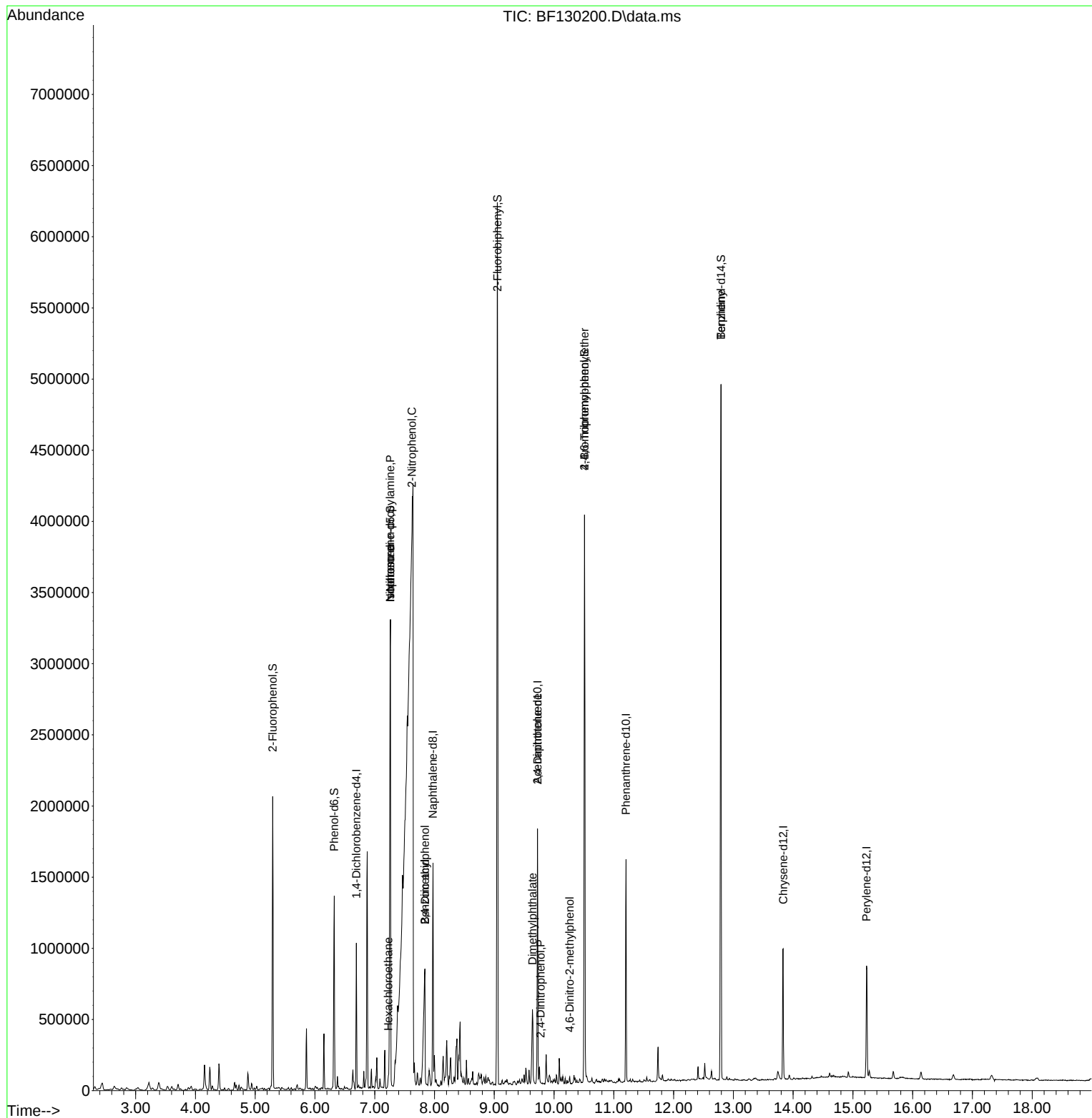
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	136089	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	662668	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	336108	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	522142	20.000	ng	0.00
76) Chrysene-d12	13.833	240	318763	20.000	ng	-0.01
86) Perylene-d12	15.227	264	340243	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	564480	70.416	ng	0.00
7) Phenol-d6	6.322	99	457392	45.767	ng	-0.01
23) Nitrobenzene-d5	7.257	82	1100920	106.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	504607	164.930	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1965578	96.958	ng	0.00
79) Terphenyl-d14	12.792	244	1627444	88.536	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.228	117	17245	4.861	ng	# 25
19) n-Nitroso-di-n-propyla...	7.257	70	145293	24.132	ng	# 73
25) Isophorone	7.257	82	1092907	52.367	ng	# 65
26) 2-Nitrophenol	7.622	139	197	3.536	ng	# 1
27) 2,4-Dimethylphenol	7.840	122	299752	34.230	ng	# 4
32) Benzoic acid	7.840	122	299752	42.755	ng	# 98
50) Dimethylphthalate	9.639	163	222003	9.697	ng	# 93
54) 2,4-Dinitrophenol	9.775	184	62	8.120	ng	# 1
57) 2,4-Dinitrotoluene	9.722	165	44222	8.605	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.263	198	57	6.101	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	29792	5.130	ng	# 1
77) Benzidine	12.792	184	23434	2.723	ng	# 90

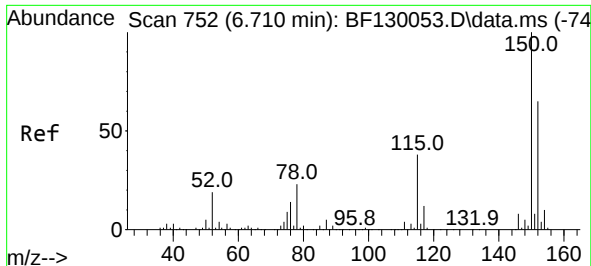
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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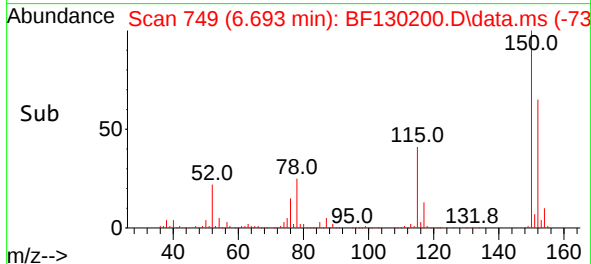
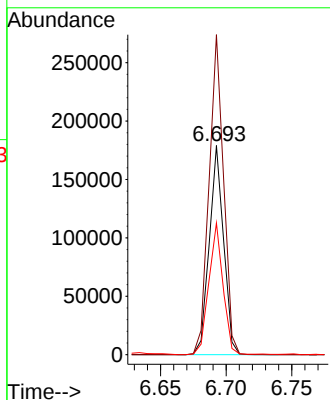
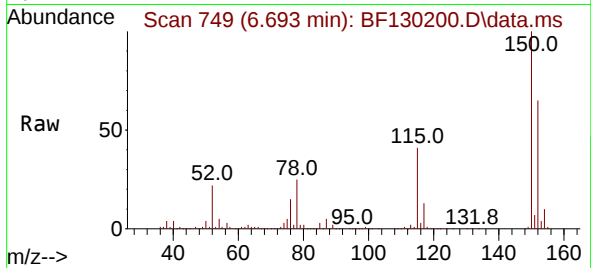




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130200.D
 Acq: 09 Sep 2022 18:03

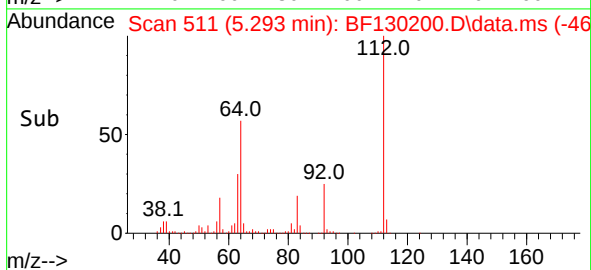
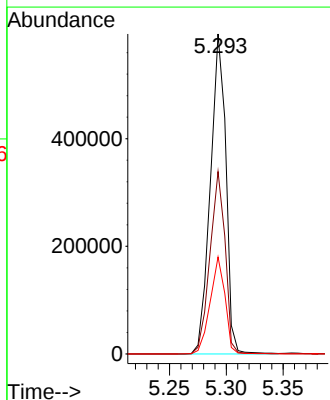
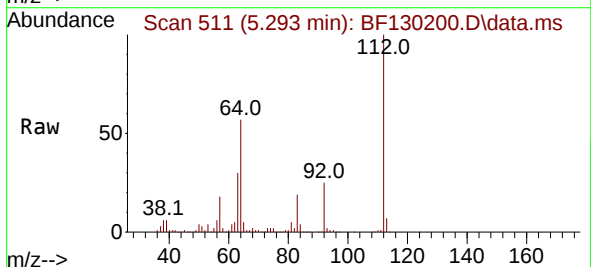
Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Tgt Ion:152 Resp: 136089
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.9 190.3
 115 62.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 70.416 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130200.D
 Acq: 09 Sep 2022 18:03

Tgt Ion:112 Resp: 564480
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.6 71.4
 63 30.3 24.6 37.0

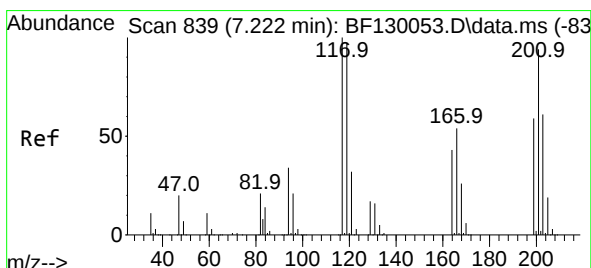
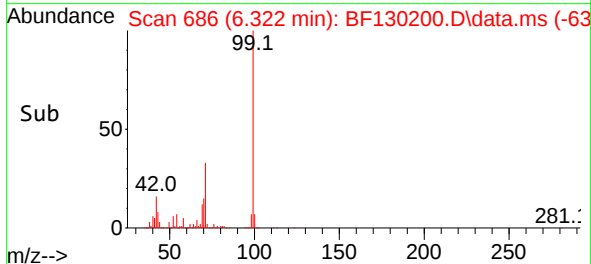
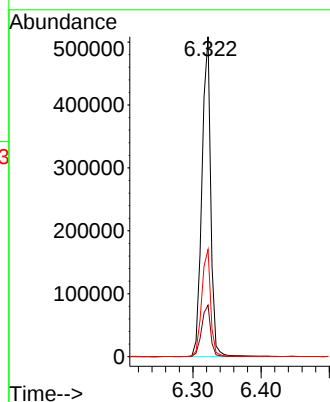
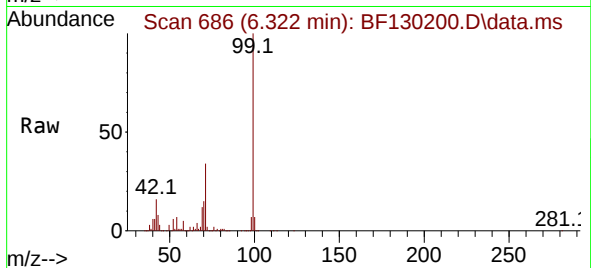




#7
Phenol-d6
Concen: 45.767 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

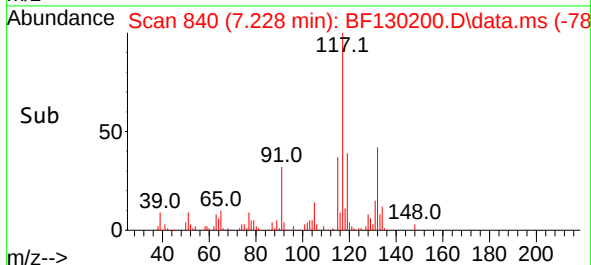
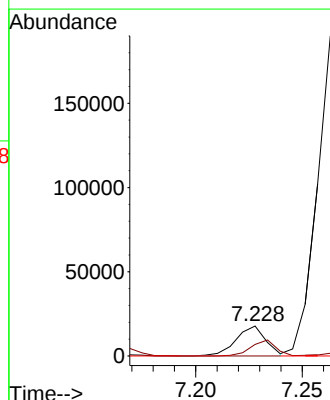
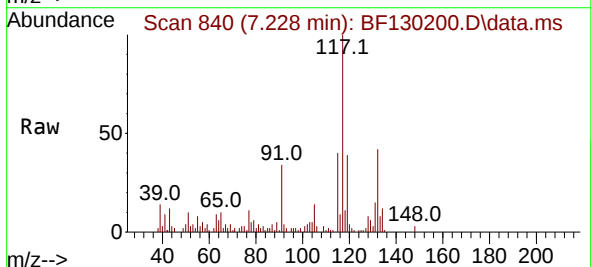
Instrument :
BNA_F
ClientSampleId :
DUP090822

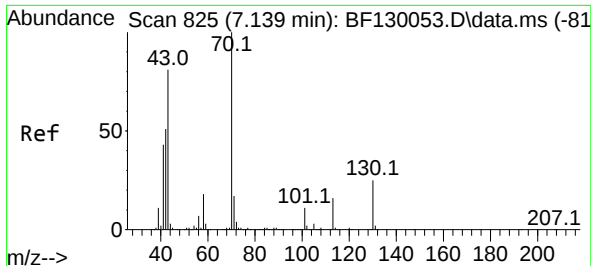
Tgt Ion: 99 Resp: 457392
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 33.5 28.8 43.2



#18
Hexachloroethane
Concen: 4.861 ng
RT: 7.228 min Scan# 840
Delta R.T. 0.018 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion: 117 Resp: 17245
Ion Ratio Lower Upper
117 100
119 38.8 79.1 118.7#
201 0.0 66.6 100.0#

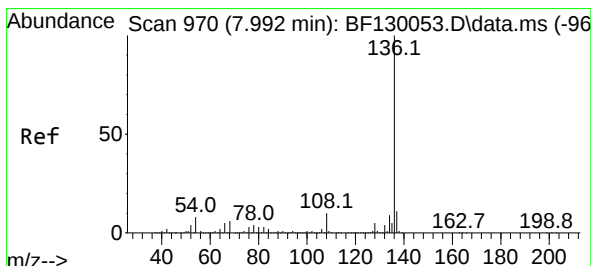
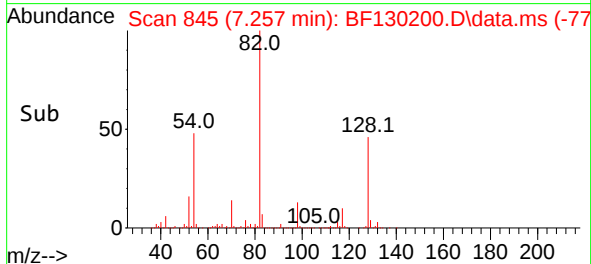
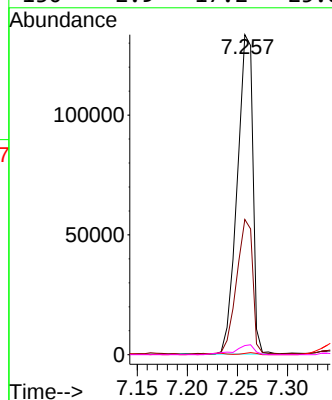
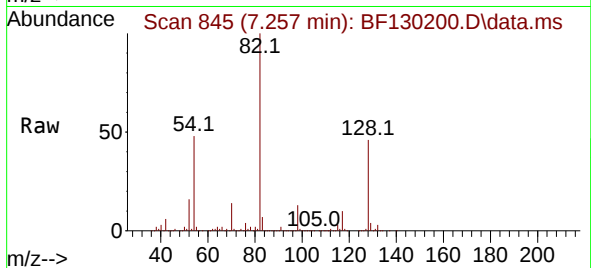




#19
n-Nitroso-di-n-propylamine
Concen: 24.132 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

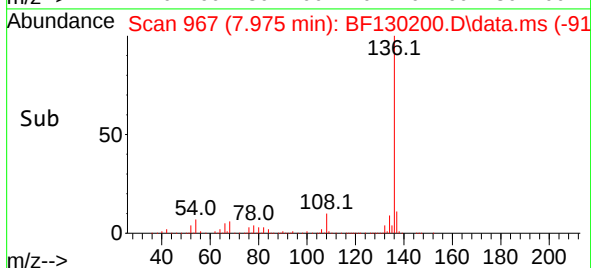
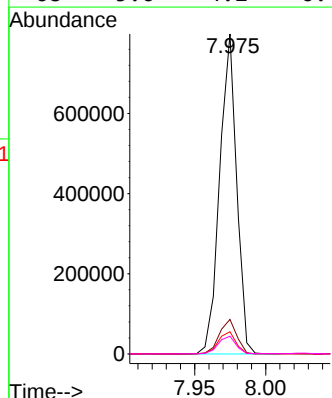
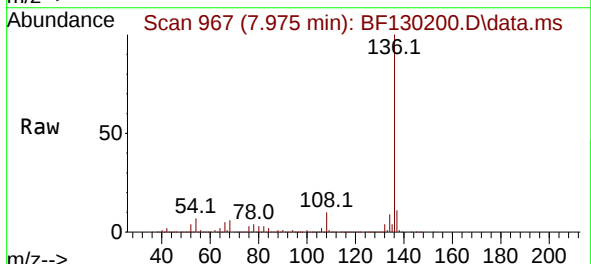
Instrument :
BNA_F
ClientSampleId :
DUP090822

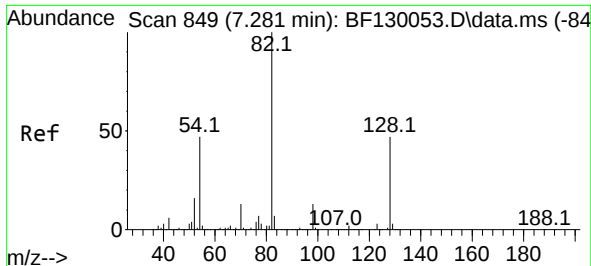
Tgt Ion: 70 Resp: 145293
Ion Ratio Lower Upper
70 100
42 42.3 47.6 71.4#
101 0.4 8.1 12.1#
130 2.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:136 Resp: 662668
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.0 6.2 9.2
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 106.768 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.012 min

Lab File: BF130200.D

Acq: 09 Sep 2022 18:03

Instrument :

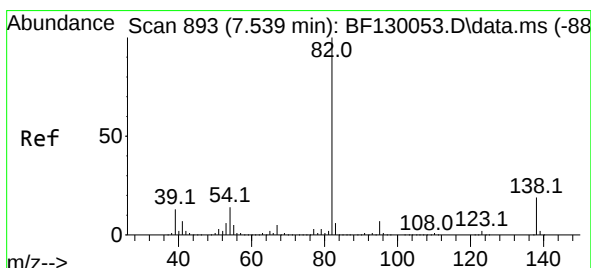
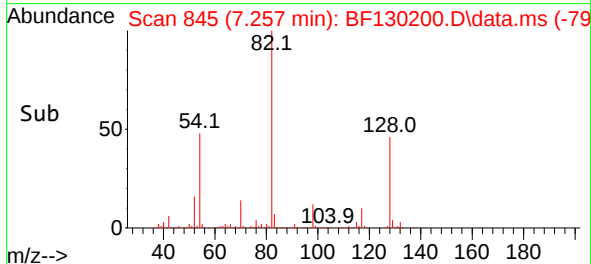
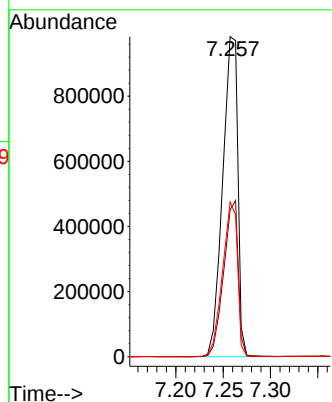
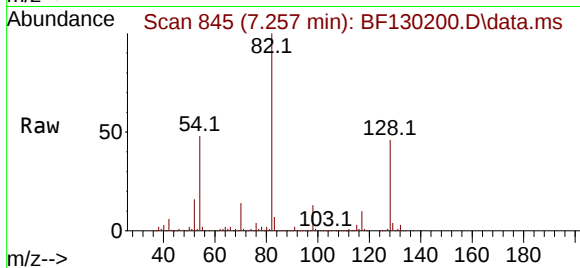
BNA_F

ClientSampleId :

DUP090822

Tgt Ion: 82 Resp: 1100920

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	48.3	40.0	60.0



#25

Isophorone

Concen: 52.367 ng

RT: 7.257 min Scan# 845

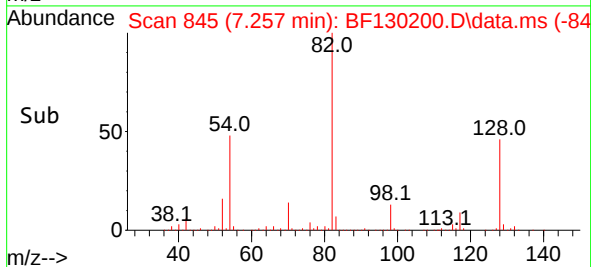
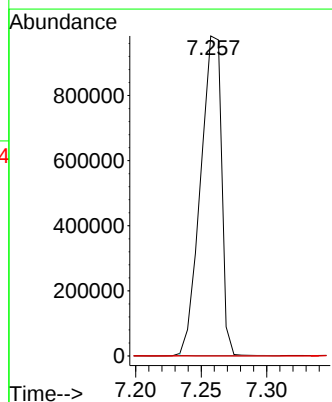
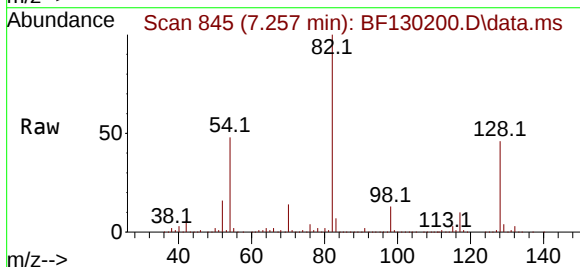
Delta R.T. -0.271 min

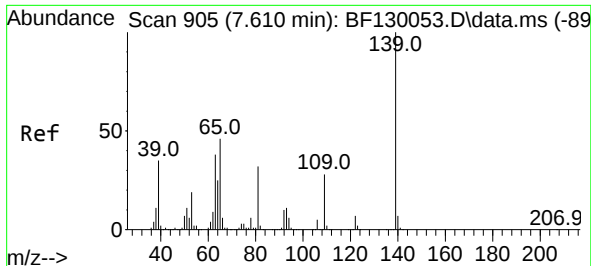
Lab File: BF130200.D

Acq: 09 Sep 2022 18:03

Tgt Ion: 82 Resp: 1092907

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	14.6	21.8#

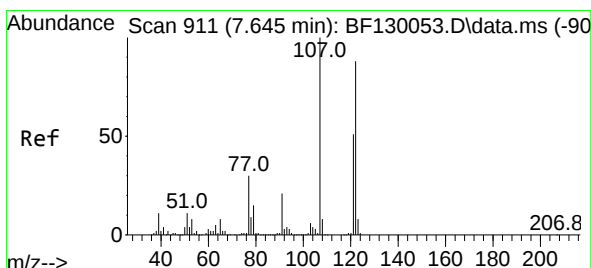
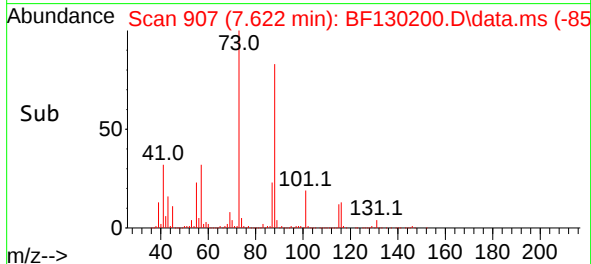
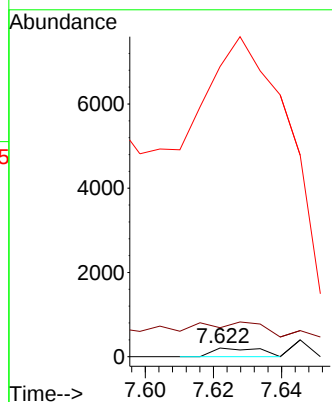
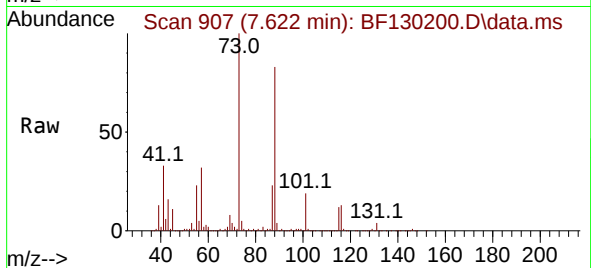




#26
2-Nitrophenol
Concen: 3.536 ng
RT: 7.622 min Scan# 905
Delta R.T. 0.024 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

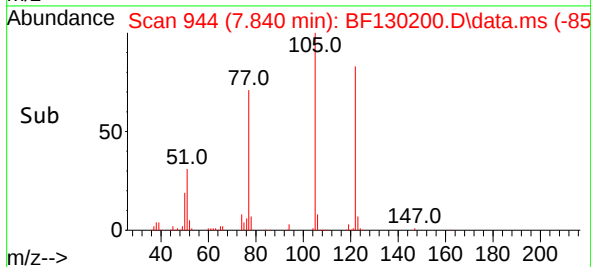
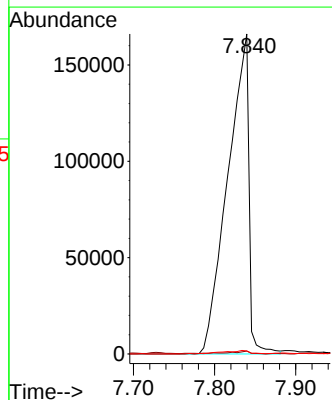
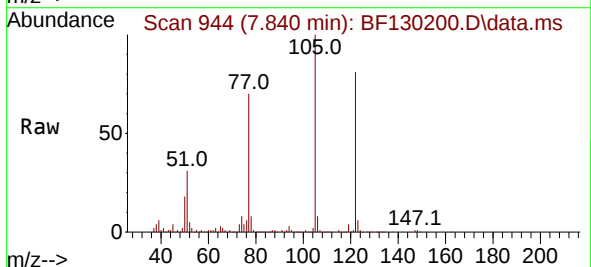
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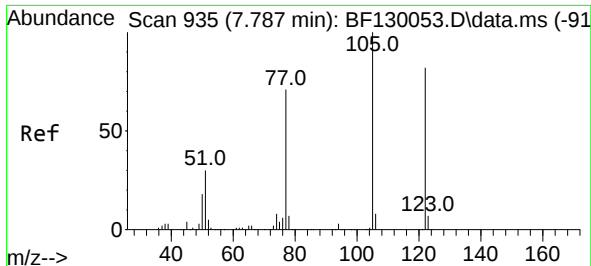
Tgt Ion:139 Resp: 197
Ion Ratio Lower Upper
139 100
109 334.5 24.4 36.6#
65 3344.2 40.9 61.3#



#27
2,4-Dimethylphenol
Concen: 34.230 ng
RT: 7.840 min Scan# 944
Delta R.T. 0.200 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:122 Resp: 299752
Ion Ratio Lower Upper
122 100
107 0.9 92.2 138.4#
121 1.0 46.1 69.1#

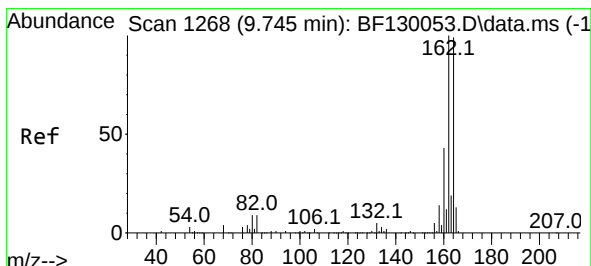
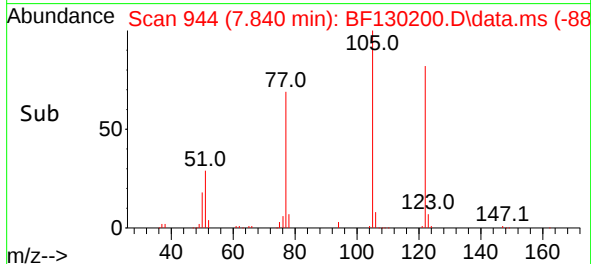
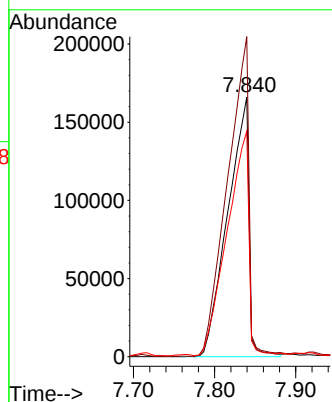
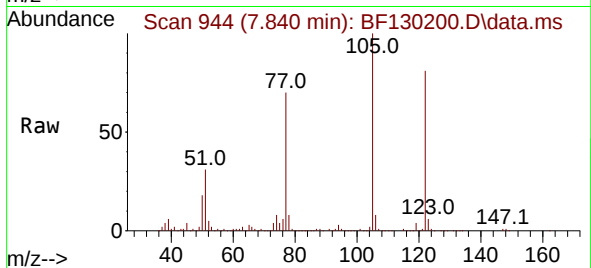




#32
Benzoic acid
Concen: 42.755 ng
RT: 7.840 min Scan# 944
Delta R.T. 0.071 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

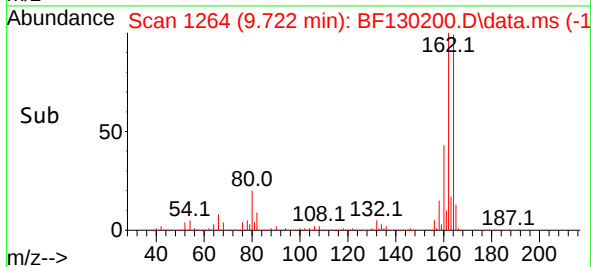
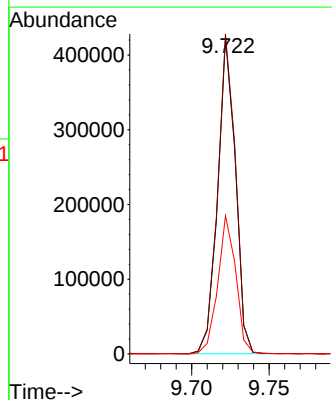
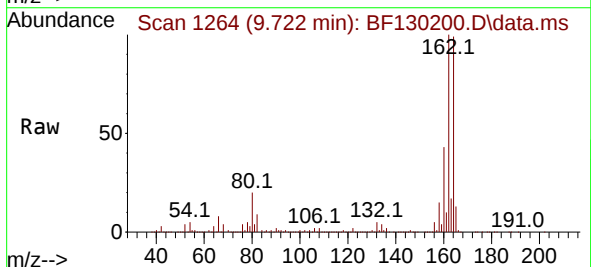
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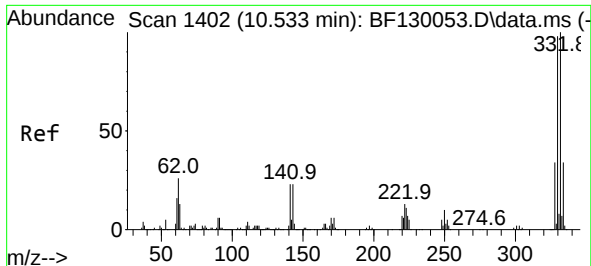
Tgt Ion:122 Resp: 299752
Ion Ratio Lower Upper
122 100
105 123.3 99.9 139.9
77 86.8 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:164 Resp: 336108
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 43.7 35.4 53.0

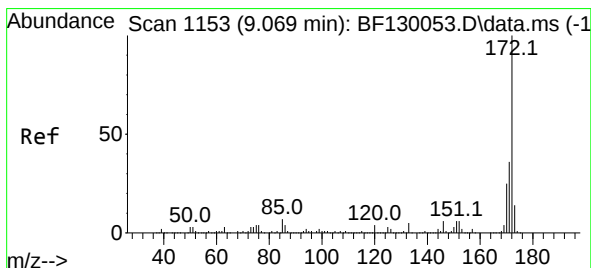
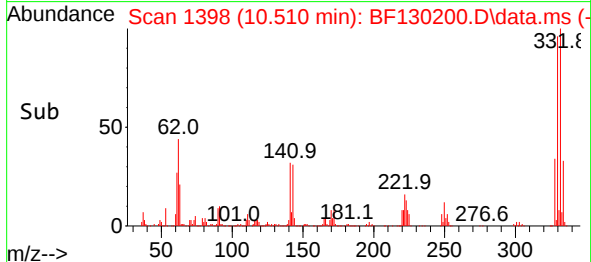
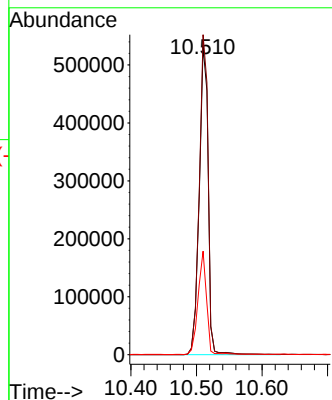
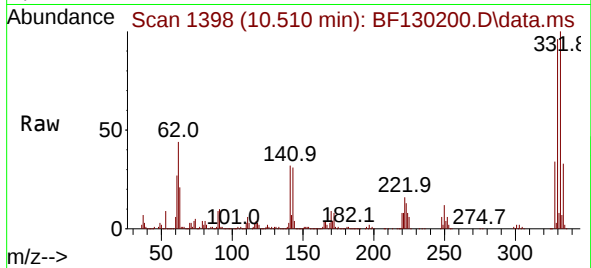




#42
2,4,6-Tribromophenol
Concen: 164.930 ng
RT: 10.510 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

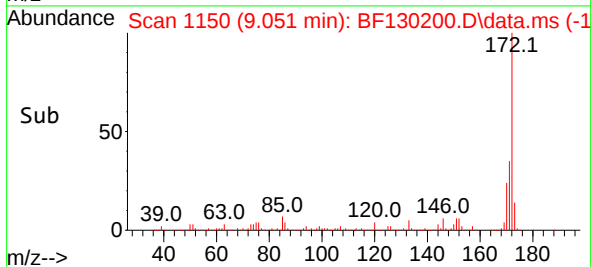
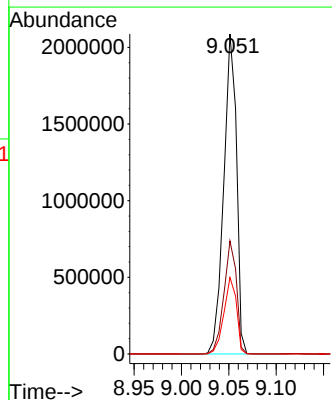
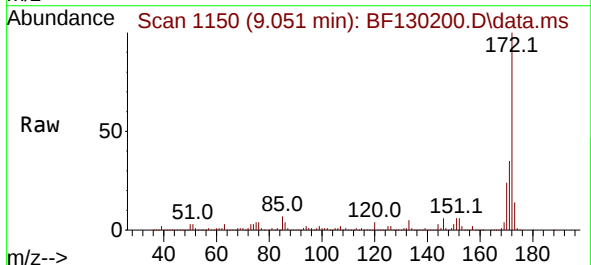
Instrument :
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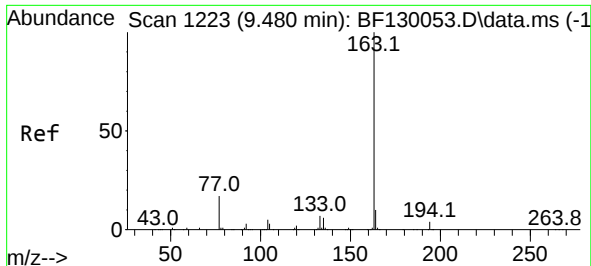
Tgt Ion:330 Resp: 504607
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 32.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 96.958 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:172 Resp: 1965578
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.1 28.7

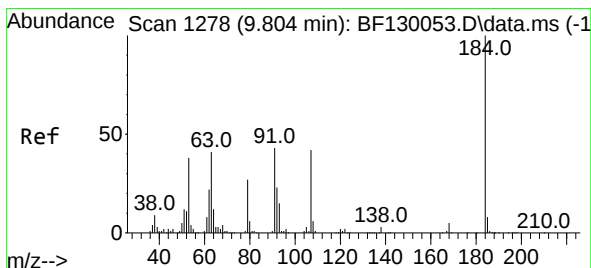
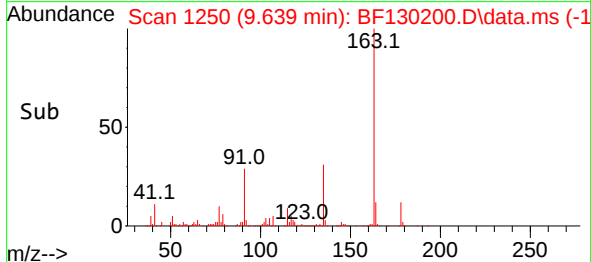
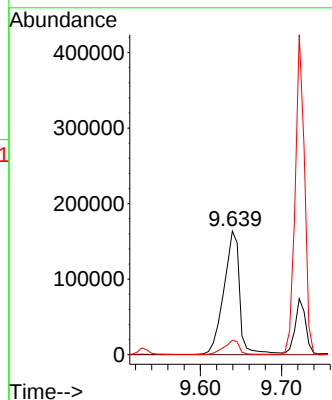
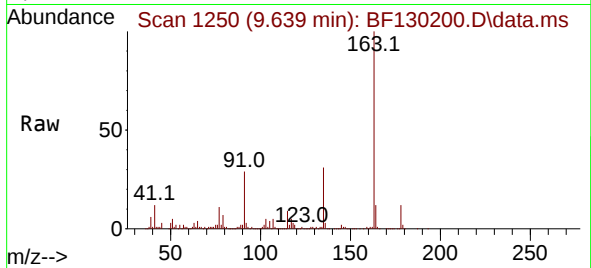




#50
Dimethylphthalate
Concen: 9.697 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.171 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

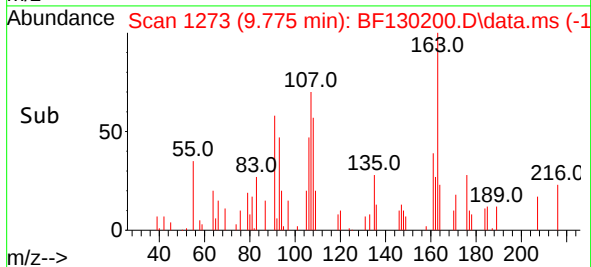
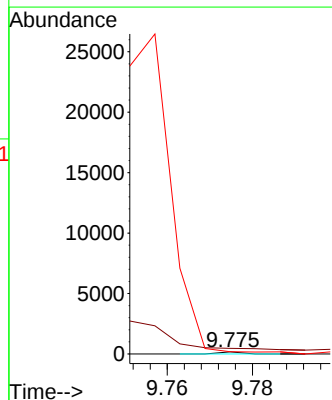
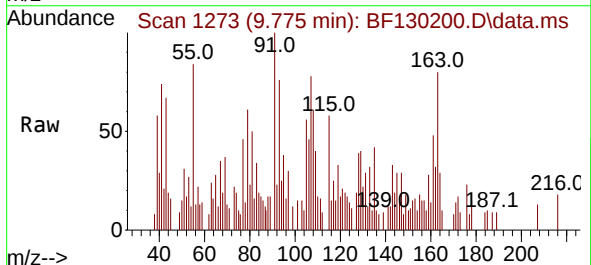
Instrument :
BNA_F
ClientSampleId :
DUP090822

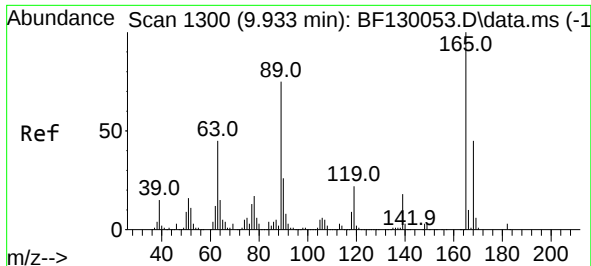
Tgt Ion:163 Resp: 222003
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.120 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.018 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 263.1 59.6 89.4#
154 104.5 55.3 82.9#





#57

2,4-Dinitrotoluene

Concen: 8.605 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130200.D

Acq: 09 Sep 2022 18:03

Instrument :

BNA_F

ClientSampleId :

DUP090822

Tgt Ion:165 Resp: 44222

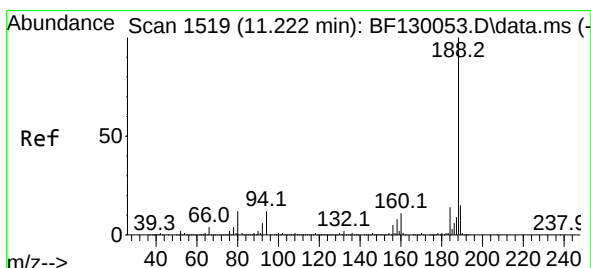
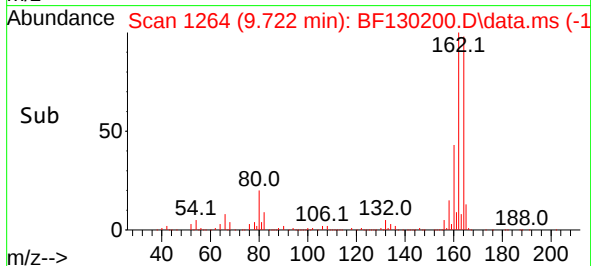
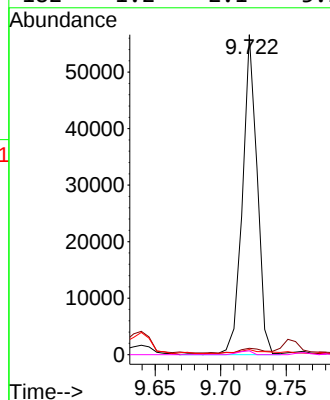
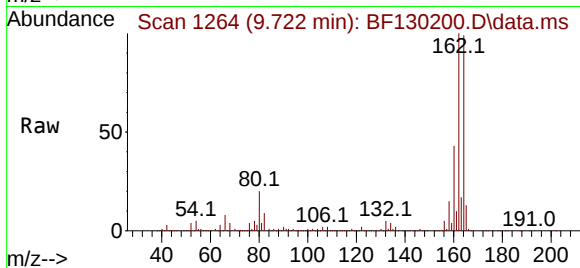
Ion Ratio Lower Upper

165 100

63 2.0 48.4 72.6#

89 1.6 62.3 93.5#

182 1.2 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130200.D

Acq: 09 Sep 2022 18:03

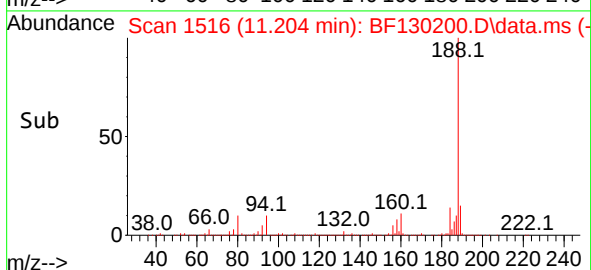
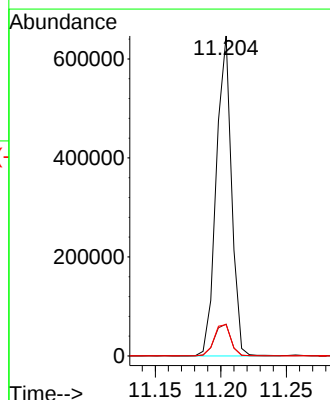
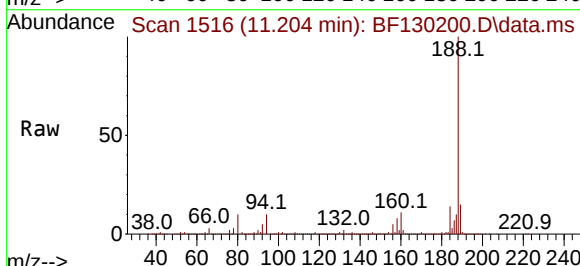
Tgt Ion:188 Resp: 522142

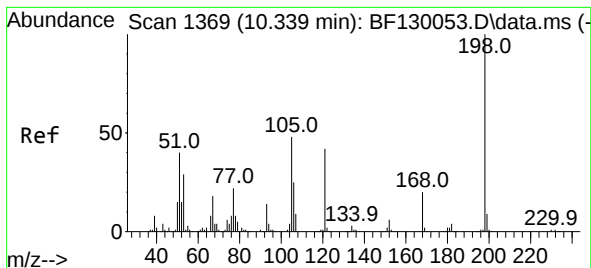
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 9.8 7.9 11.9

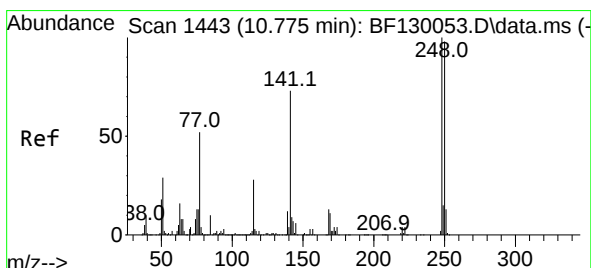
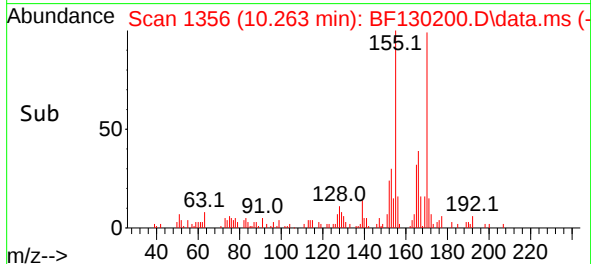
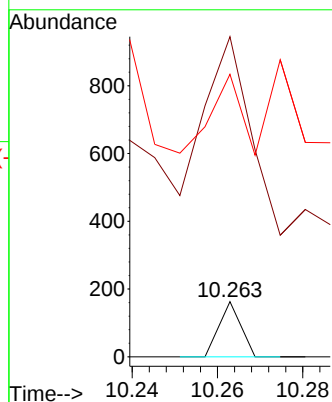
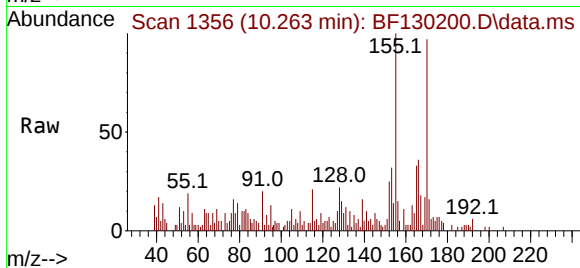




#65
4,6-Dinitro-2-methylphenol
Concen: 6.101 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.065 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

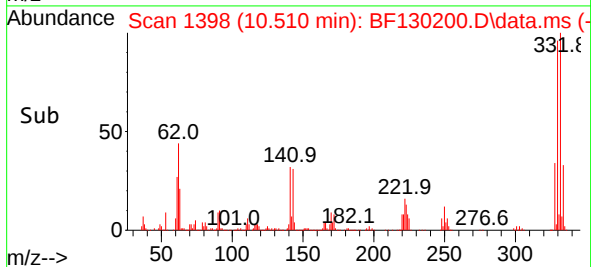
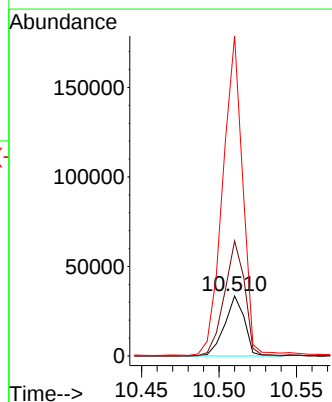
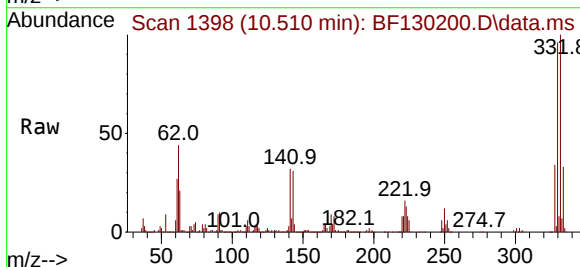
Instrument :
BNA_F
ClientSampleId :
DUP090822

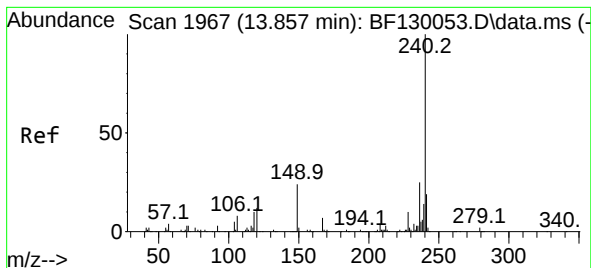
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 579.8 29.4 69.4#
105 511.7 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 5.130 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130200.D
Acq: 09 Sep 2022 18:03

Tgt Ion:248 Resp: 29792
Ion Ratio Lower Upper
248 100
250 191.7 77.8 116.6#
141 533.1 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: BF130200.D

Acq: 09 Sep 2022 18:03

Instrument :

BNA_F

ClientSampleId :

DUP090822

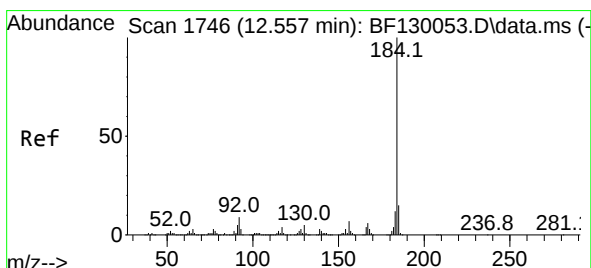
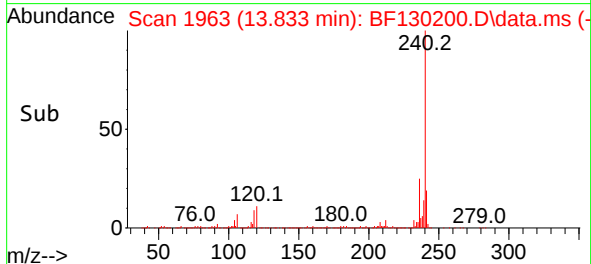
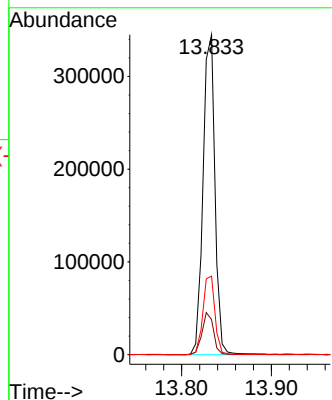
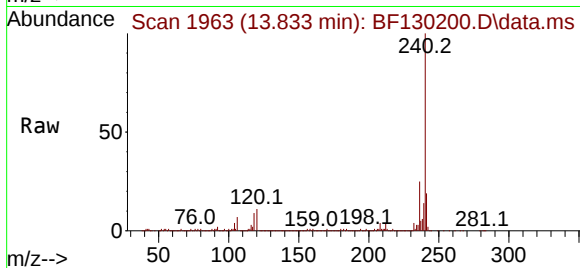
Tgt Ion:240 Resp: 318763

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 24.6 20.7 31.1



#77

Benzidine

Concen: 2.723 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF130200.D

Acq: 09 Sep 2022 18:03

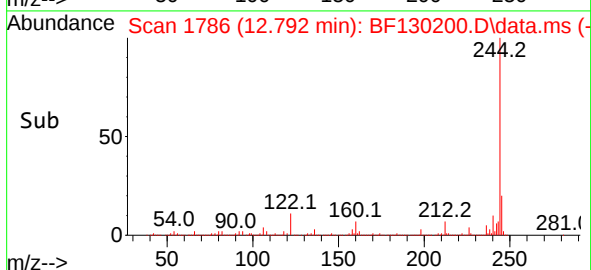
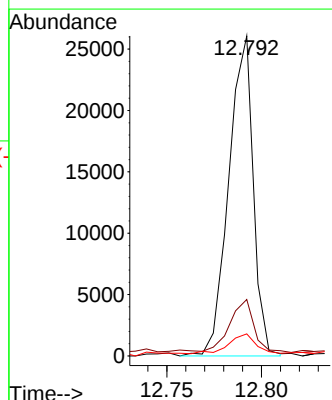
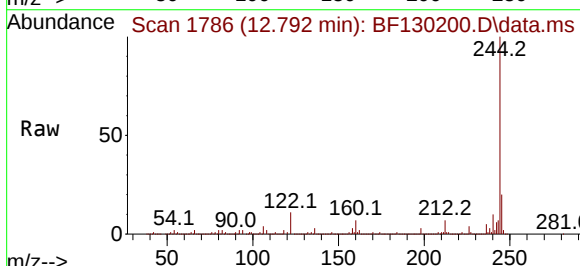
Tgt Ion:184 Resp: 23434

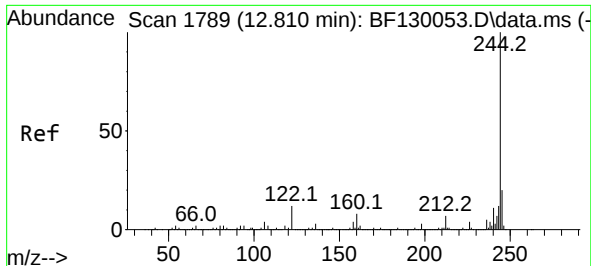
Ion Ratio Lower Upper

184 100

185 17.7 11.4 17.2#

183 6.9 9.4 14.2#

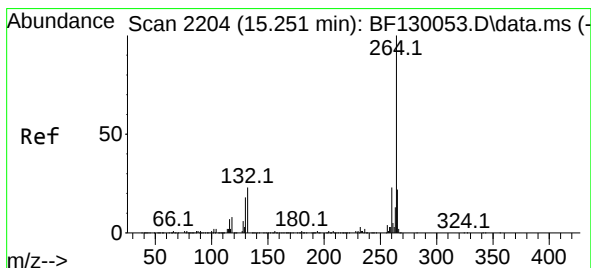
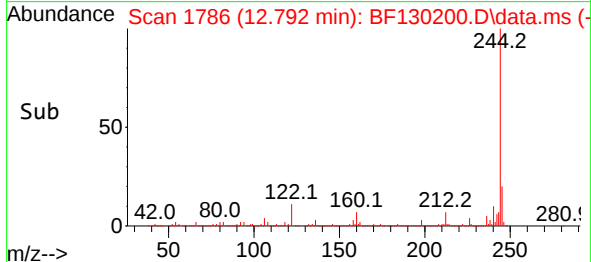
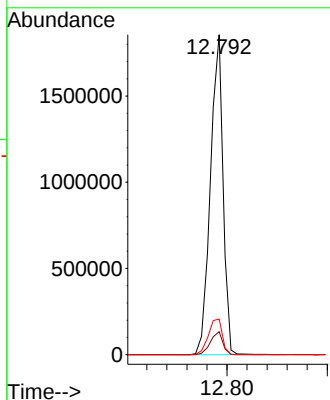
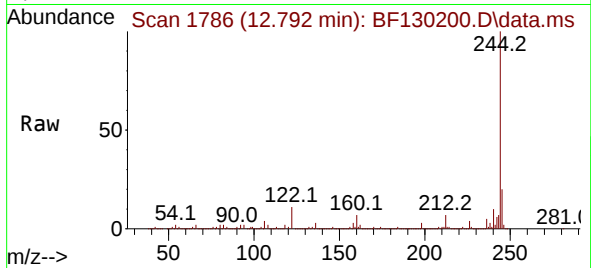




#79
 Terphenyl-d14
 Concen: 88.536 ng
 RT: 12.792 min Scan# 1786
 Delta R.T. -0.006 min
 Lab File: BF130200.D
 Acq: 09 Sep 2022 18:03

Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Tgt Ion:244 Resp: 1627444
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.227 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF130200.D
 Acq: 09 Sep 2022 18:03

Tgt Ion:264 Resp: 340243
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.0 16.7 25.1

