

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130172.D
 Acq On : 07 Sep 2022 20:38
 Operator : CG\JU
 Sample : N4513-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Quant Time: Sep 08 02:54:36 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)

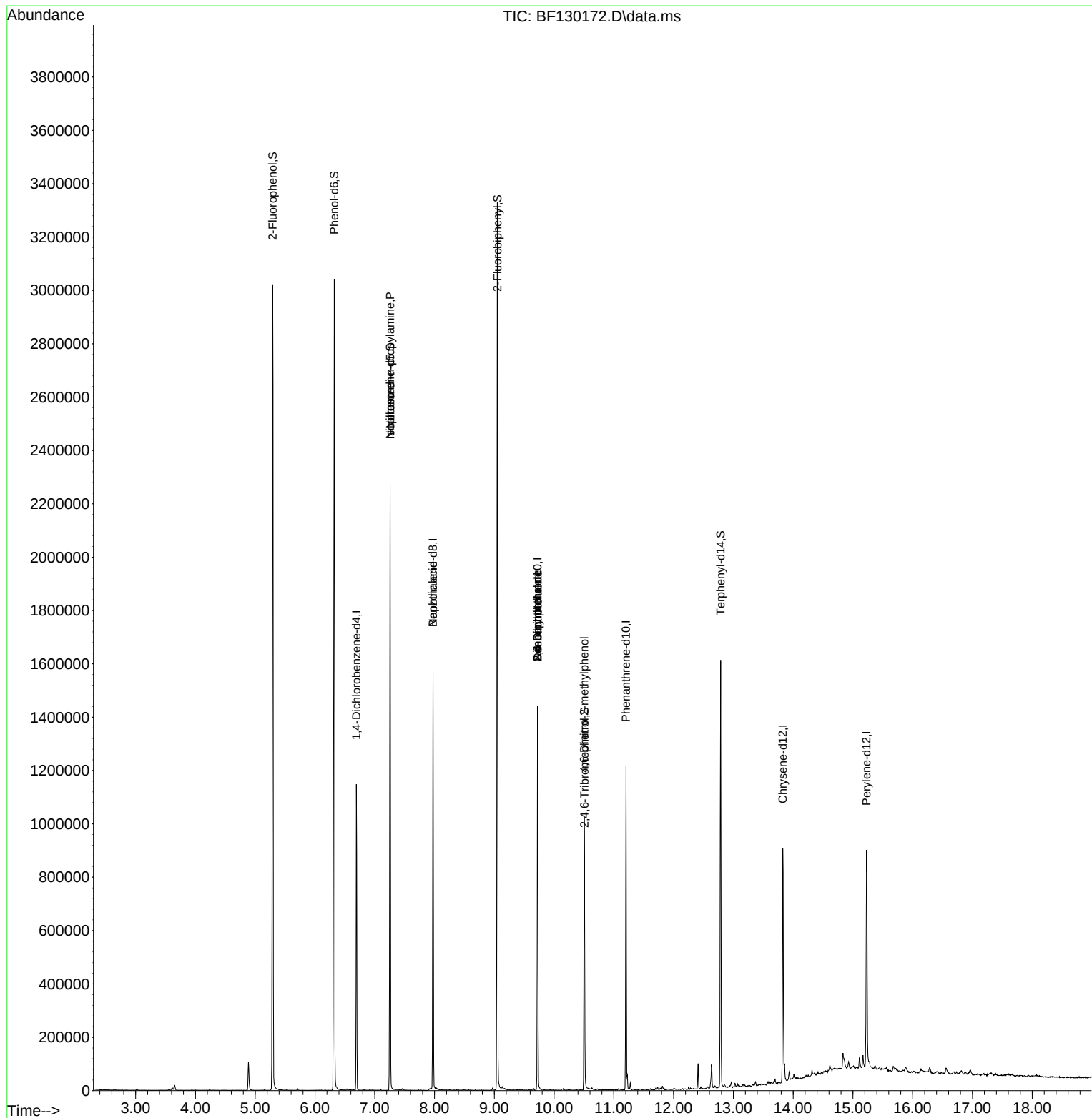
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	161745	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	618433	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	289256	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	395625	20.000	ng	0.00
76) Chrysene-d12	13.827	240	290886	20.000	ng	#-0.02
86) Perylene-d12	15.227	264	349851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	947829	99.483	ng	0.00
7) Phenol-d6	6.322	99	1164319	98.022	ng	-0.01
23) Nitrobenzene-d5	7.257	82	679913	70.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	112648	42.783	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	912071	52.278	ng	0.00
79) Terphenyl-d14	12.786	244	494773	29.496	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	86013	12.020	ng	# 73
25) Isophorone	7.257	82	676658	34.741	ng	# 65
32) Benzoic acid	7.975	122	70	6.581	ng	# 1
50) Dimethylphthalate	9.722	163	52519	2.666	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	36961	9.622	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	36961	8.357	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.504	198	257	6.201	ng	# 1

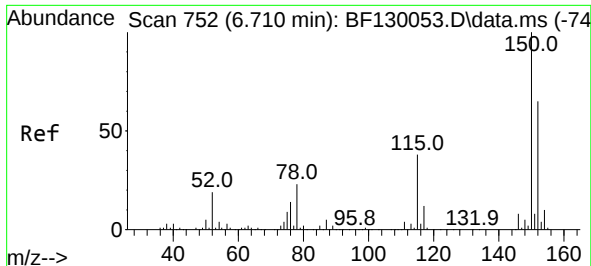
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:54:36 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

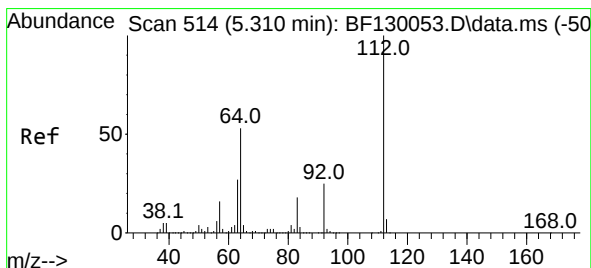
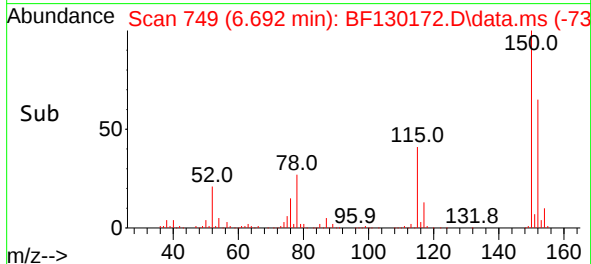
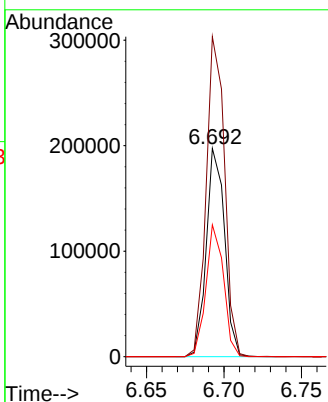
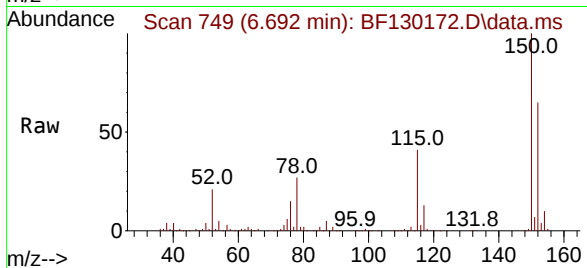




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF130172.D
 Acq: 07 Sep 2022 20:38

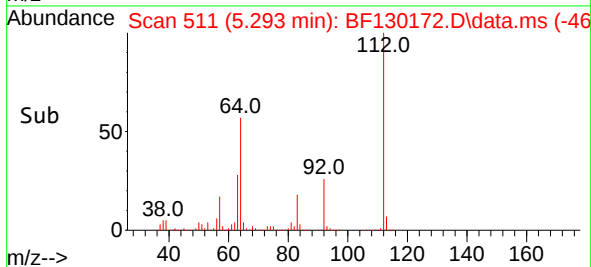
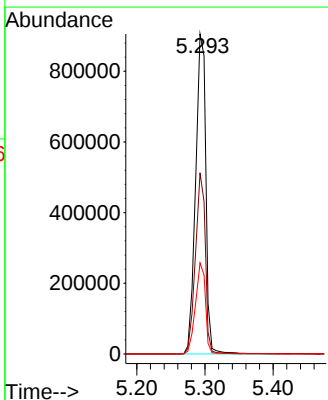
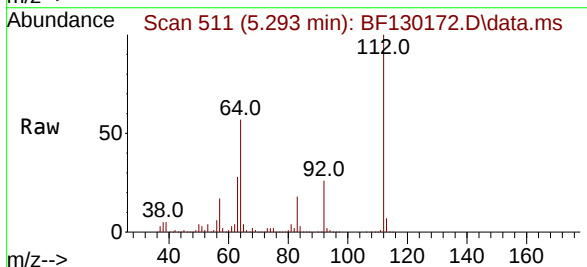
Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Tgt Ion:152 Resp: 161745
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.9 190.3
 115 63.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 99.483 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130172.D
 Acq: 07 Sep 2022 20:38

Tgt Ion:112 Resp: 947829
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 28.5 24.6 37.0

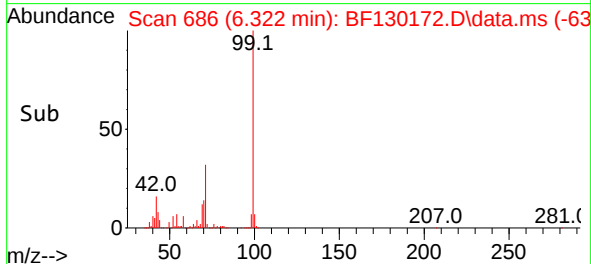
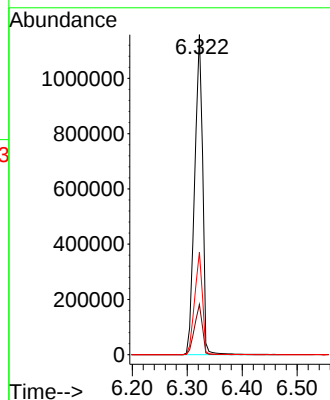
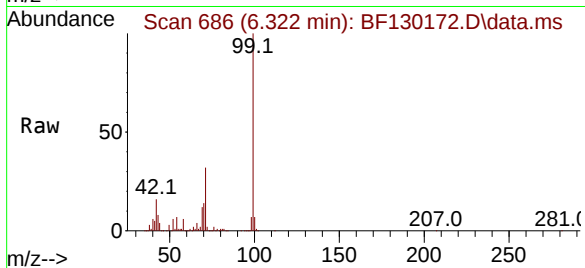




#7
Phenol-d6
Concen: 98.022 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

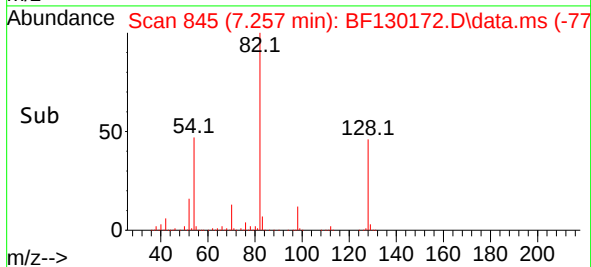
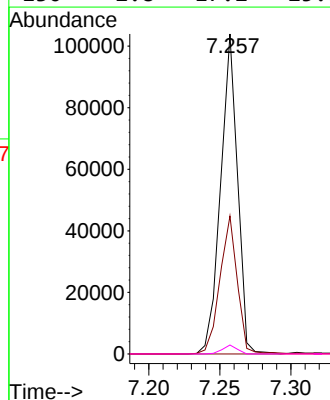
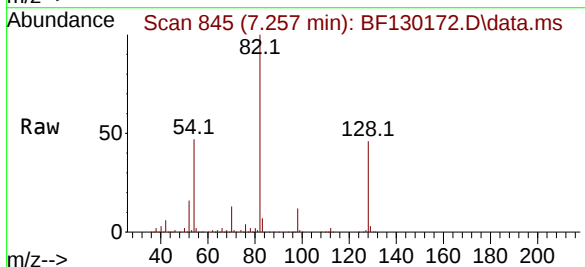
Instrument :
BNA_F
ClientSampleId :
72-11939

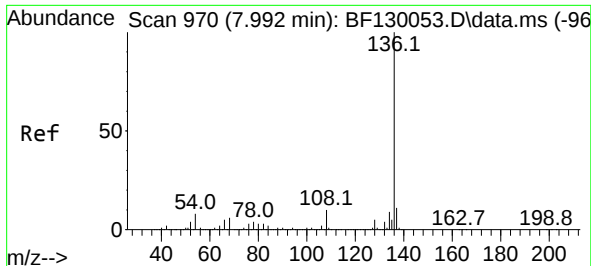
Tgt Ion: 99 Resp: 1164319
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.020 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 70 Resp: 86013
Ion Ratio Lower Upper
70 100
42 43.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.8 17.2 25.8#



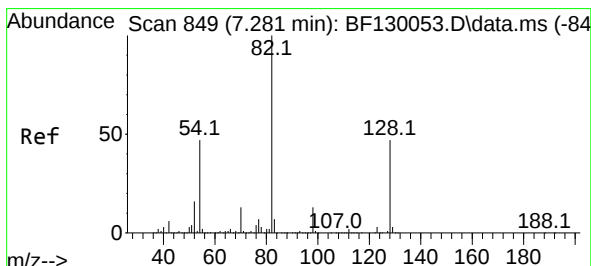
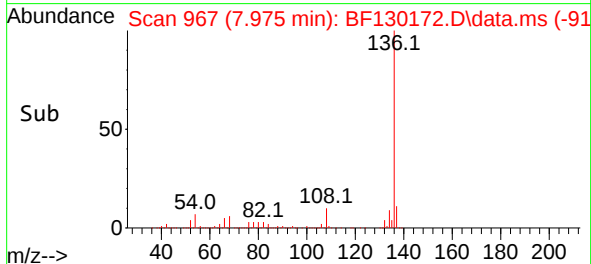
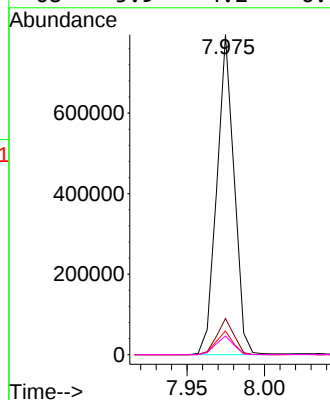
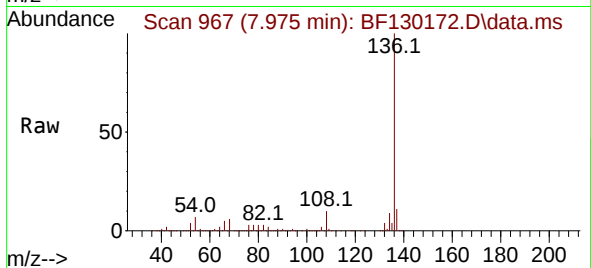


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Instrument :
BNA_F
ClientSampleId :
72-11939

Tgt Ion:136 Resp: 618433

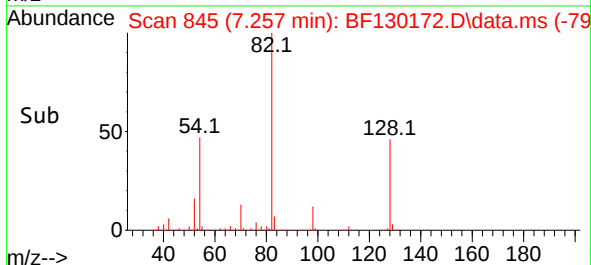
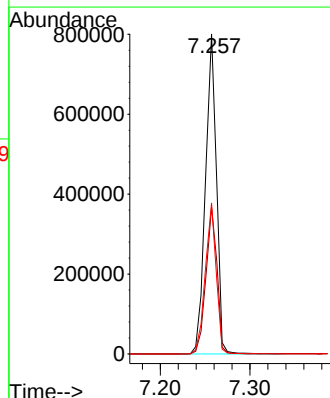
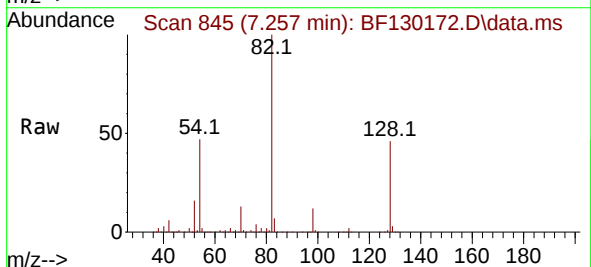
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.4	6.2	9.2
68	5.9	4.2	6.4

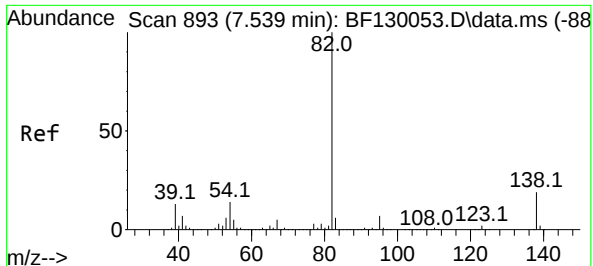


#23
Nitrobenzene-d5
Concen: 70.655 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 82 Resp: 679913

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	47.2	40.0	60.0

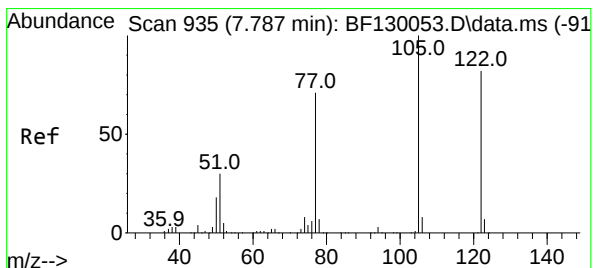
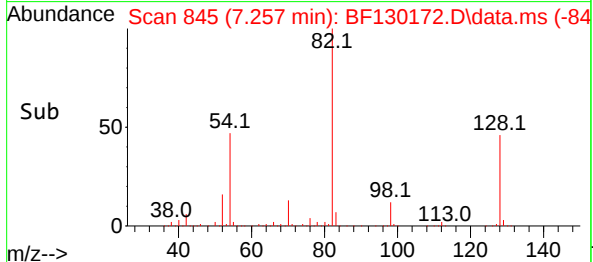
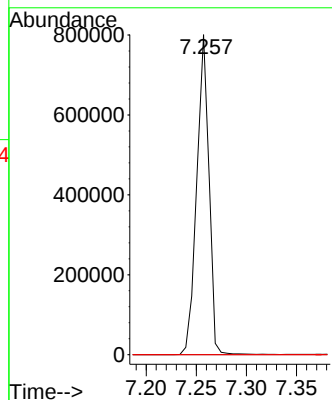
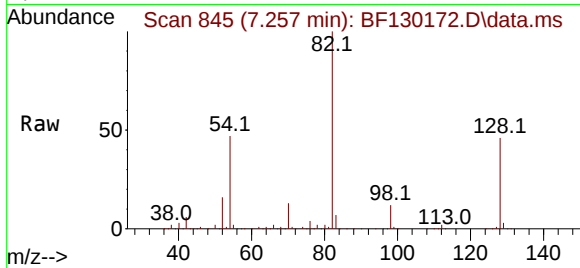




#25
Isophorone
Concen: 34.741 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

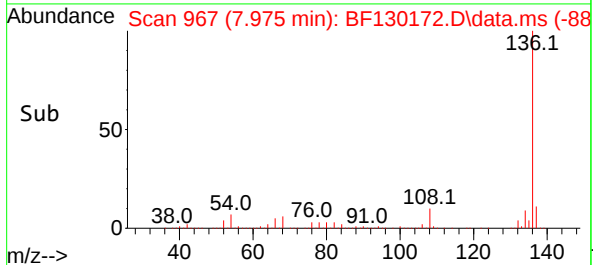
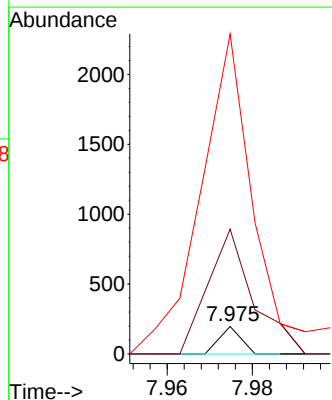
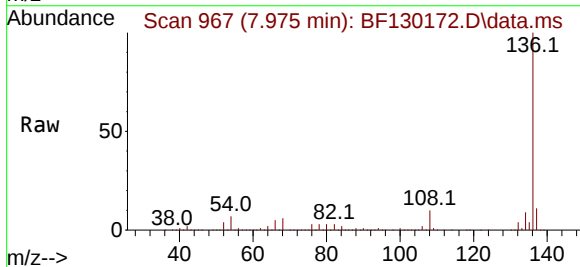
Instrument :
BNA_F
ClientSampleId :
72-11939

Tgt Ion: 82 Resp: 676658
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.581 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 453.3 99.9 139.9#
77 1162.4 65.9 105.9#

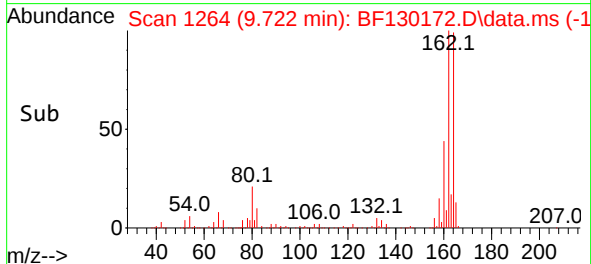
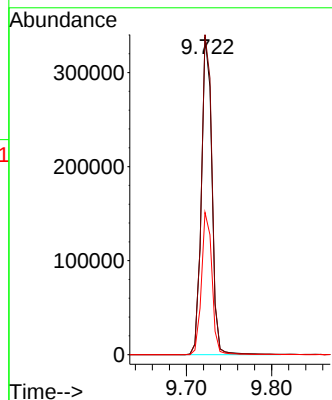
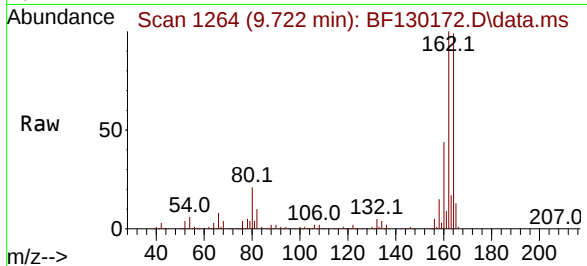




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

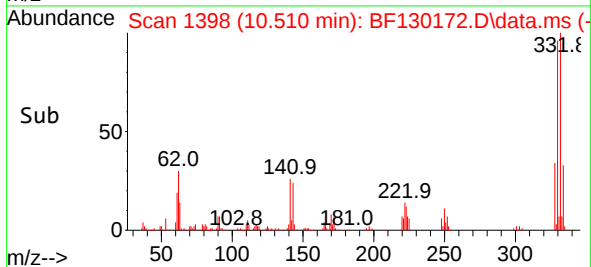
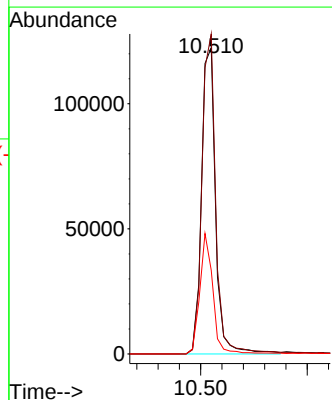
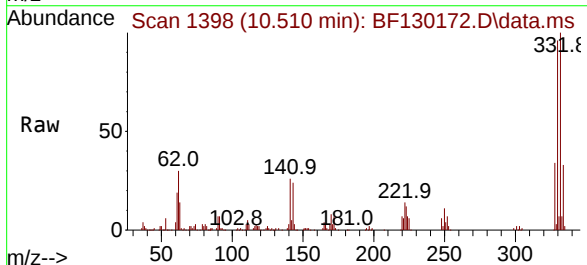
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72-11939

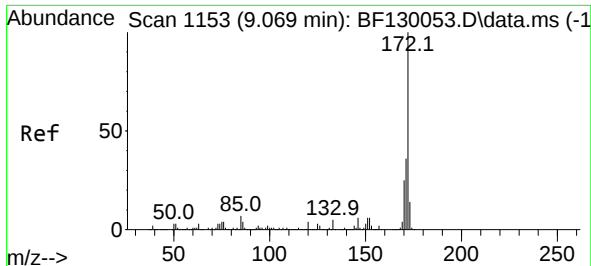
Tgt Ion:164 Resp: 289256
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 42.783 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion:330 Resp: 112648
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 36.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 52.278 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

Instrument :

BNA_F

ClientSampleId :

72-11939

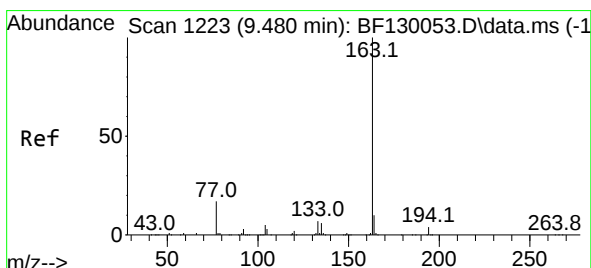
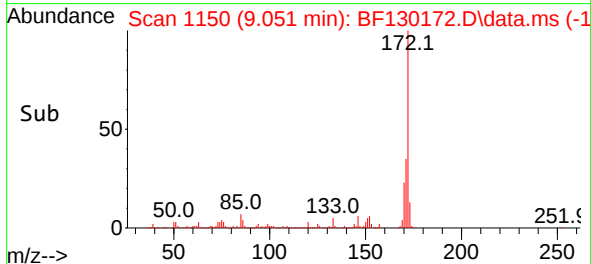
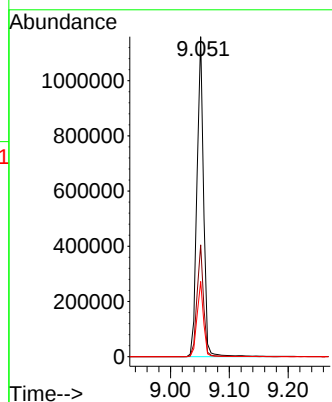
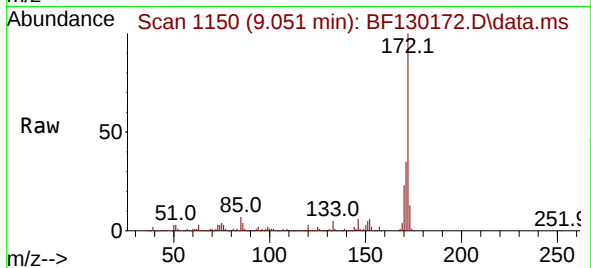
Tgt Ion:172 Resp: 912071

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.666 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.253 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

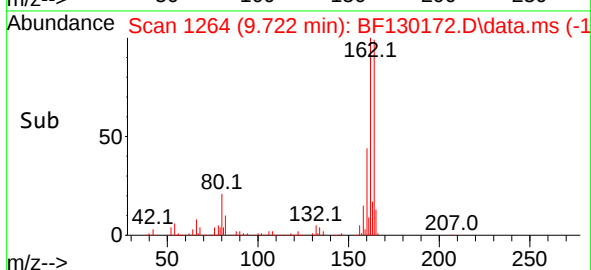
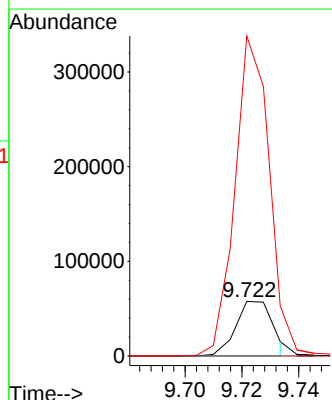
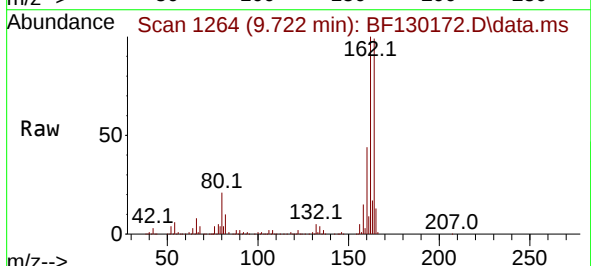
Tgt Ion:163 Resp: 52519

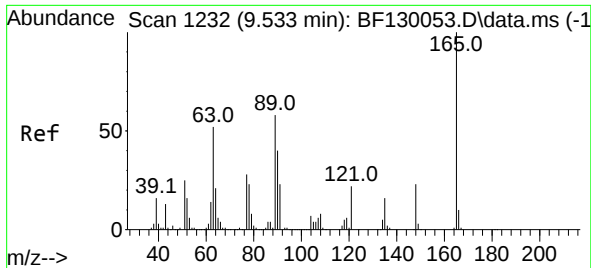
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 586.9 8.2 12.2#

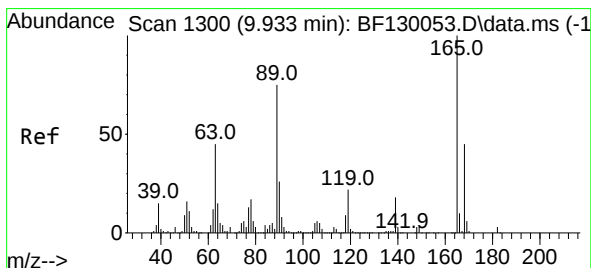
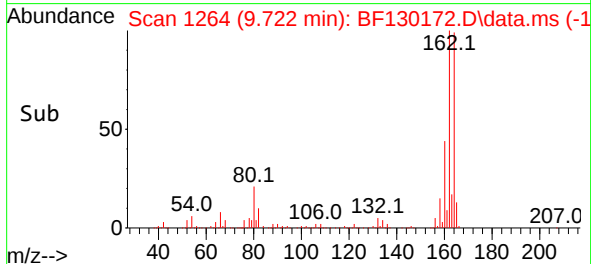
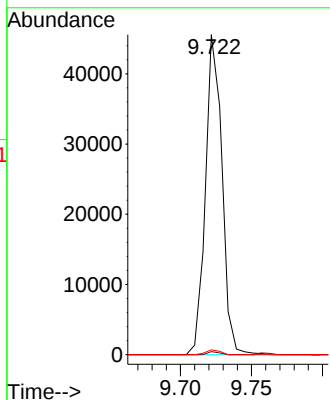
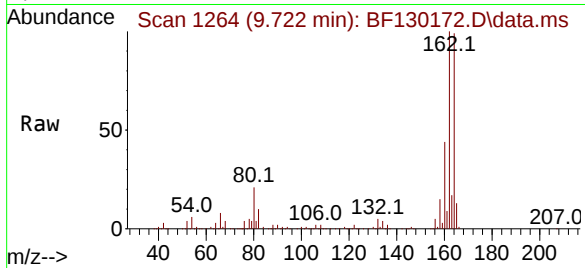




#51
2,6-Dinitrotoluene
Concen: 9.622 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

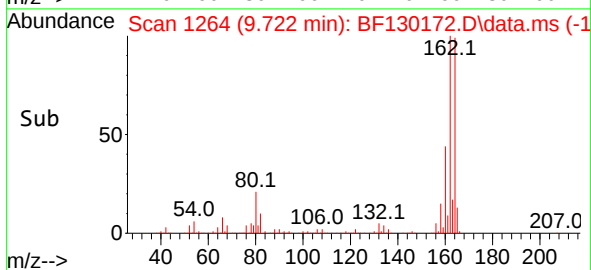
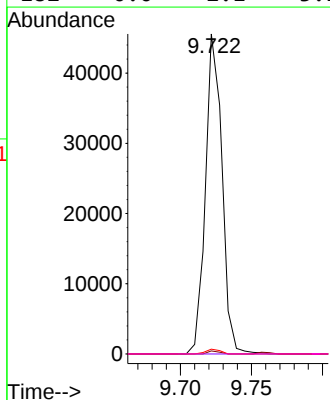
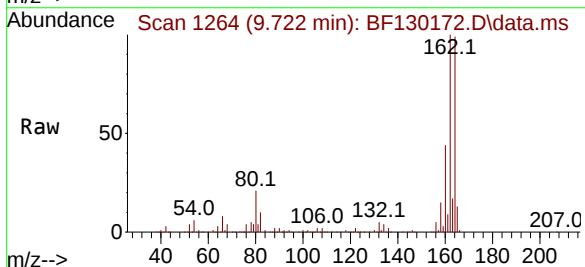
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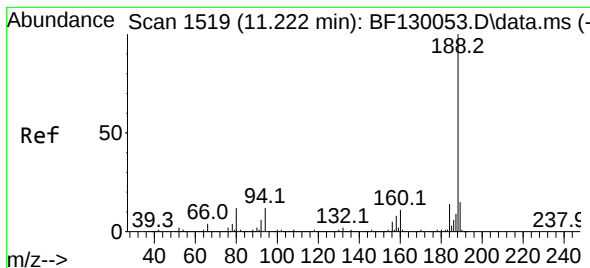
Tgt Ion:165 Resp: 36961
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.5 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.357 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.200 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion:165 Resp: 36961
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

Instrument :

BNA_F

ClientSampleId :

72-11939

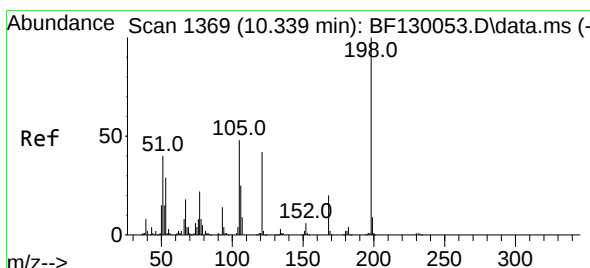
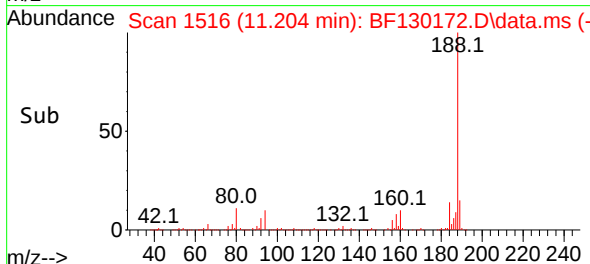
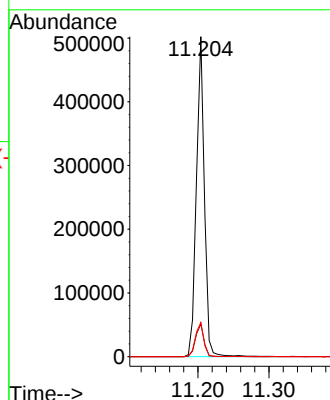
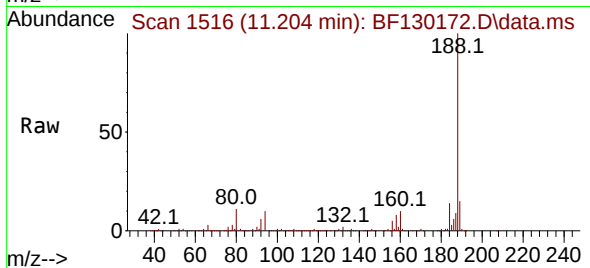
Tgt Ion:188 Resp: 395625

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

80 10.7 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.201 ng

RT: 10.504 min Scan# 1397

Delta R.T. 0.176 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

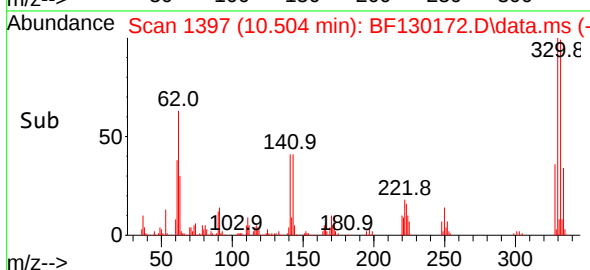
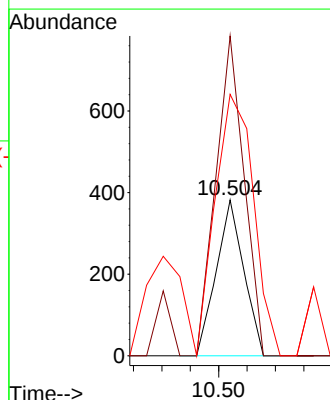
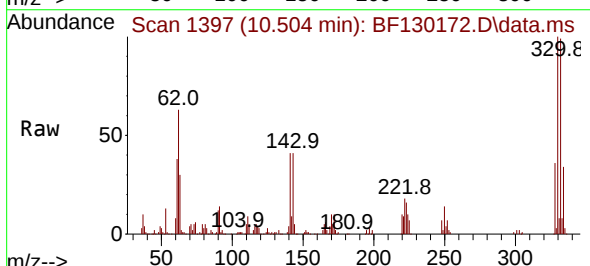
Tgt Ion:198 Resp: 257

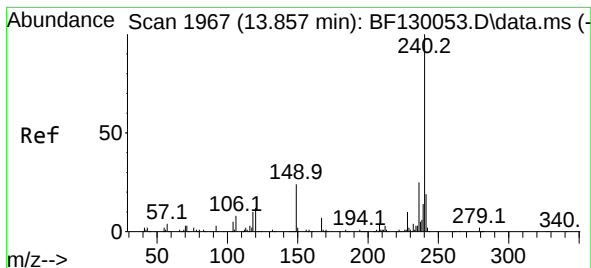
Ion Ratio Lower Upper

198 100

51 205.2 29.4 69.4#

105 167.8 29.2 69.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.018 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

Instrument :

BNA_F

ClientSampleId :

72-11939

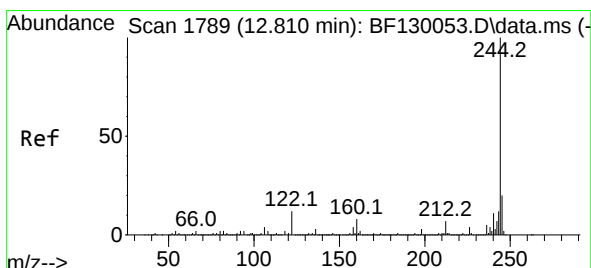
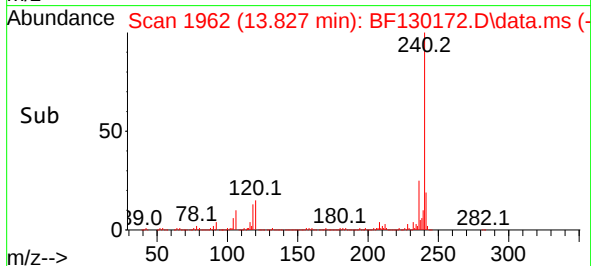
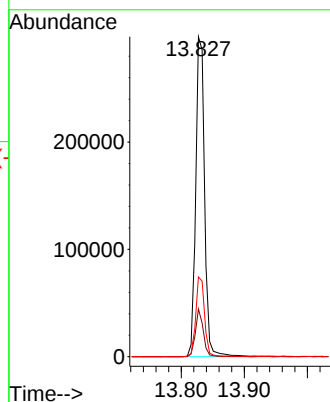
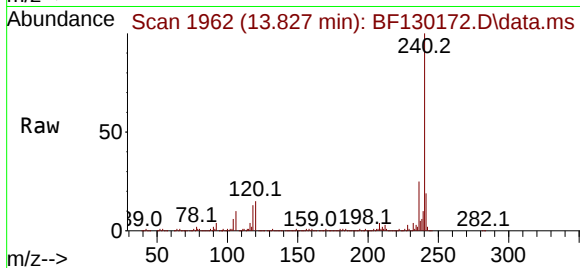
Tgt Ion:240 Resp: 290886

Ion Ratio Lower Upper

240 100

120 14.9 9.2 13.8#

236 24.9 20.7 31.1



#79

Terphenyl-d14

Concen: 29.496 ng

RT: 12.786 min Scan# 1785

Delta R.T. -0.012 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

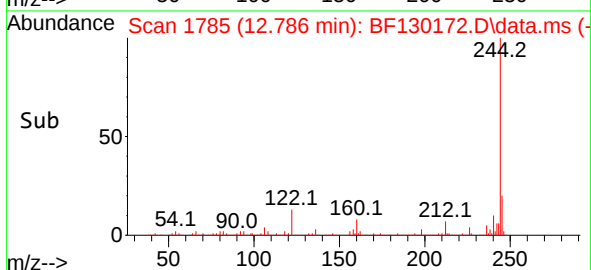
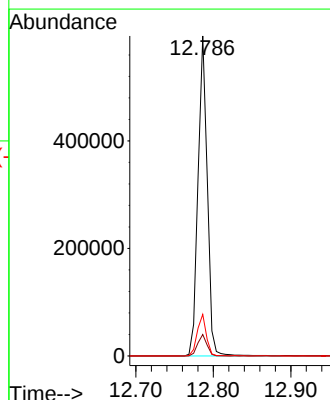
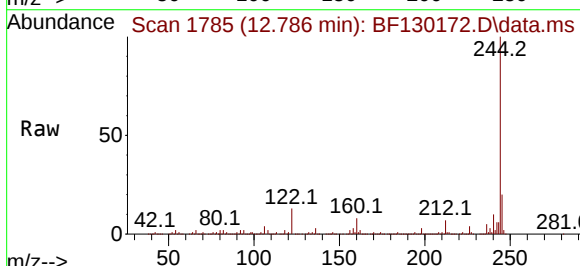
Tgt Ion:244 Resp: 494773

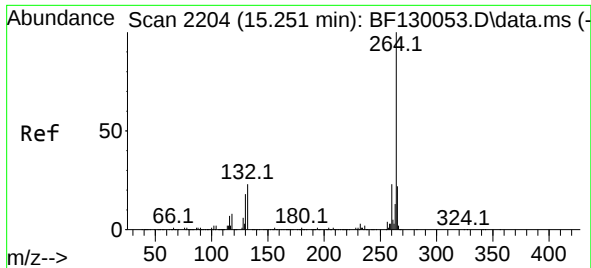
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 13.0 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Instrument :
BNA_F
ClientSampleId :
72-11939

Tgt Ion:264 Resp: 349851
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.6 16.7 25.1

