

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130073.D
 Acq On : 01 Sep 2022 12:01
 Operator : CG\JU
 Sample : N4421-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-02

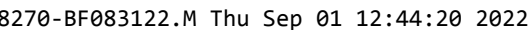
Quant Time: Sep 01 12:44:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

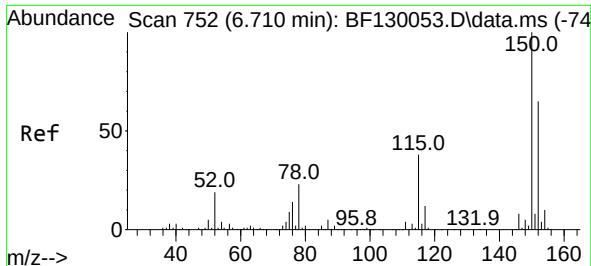
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	249597	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1004036	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	517595	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	817484	20.000	ng	0.00
76) Chrysene-d12	13.845	240	622501	20.000	ng	-0.01
86) Perylene-d12	15.245	264	592309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1753252	119.249	ng	0.02
7) Phenol-d6	6.340	99	1994419	108.808	ng	0.00
23) Nitrobenzene-d5	7.269	82	1420157	90.901	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	668732	141.934	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2566270	82.203	ng	0.00
79) Terphenyl-d14	12.810	244	2604212	72.546	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	186225	16.864	ng	# 74
25) Isophorone	7.269	82	1416750	44.804	ng	# 65
27) 2,4-Dimethylphenol	7.704	122	52554	3.961	ng	# 4
32) Benzoic acid	7.704	122	52554	10.759	ng	97
51) 2,6-Dinitrotoluene	9.733	165	68235	9.927	ng	# 23
54) 2,4-Dinitrophenol	9.963	184	54	8.108	ng	# 1
57) 2,4-Dinitrotoluene	9.733	165	68235	8.622	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.404	198	72	6.097	ng	# 1
67) 4-Bromophenyl-phenylether	10.528	248	40283	4.430	ng	# 1
77) Benzidine	12.810	184	37230	2.215	ng	# 94

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

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QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

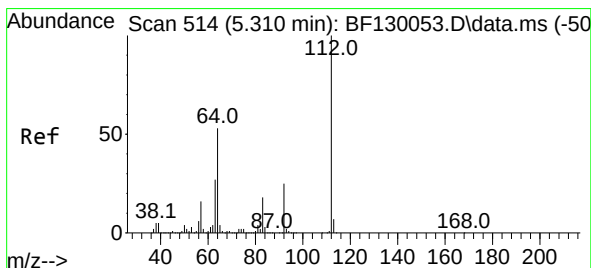
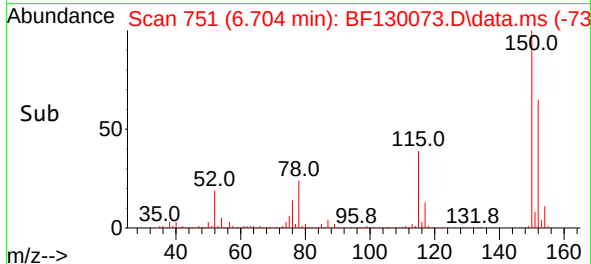
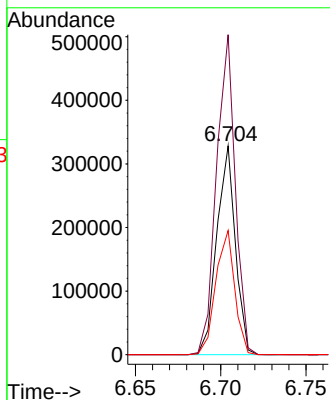
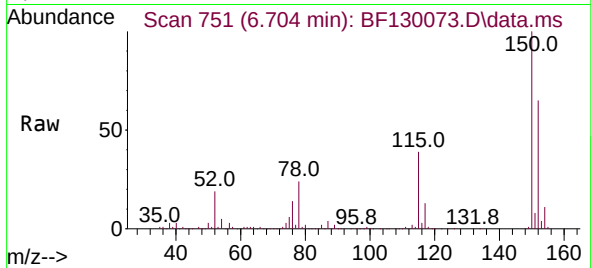




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130073.D
 Acq: 01 Sep 2022 12:01

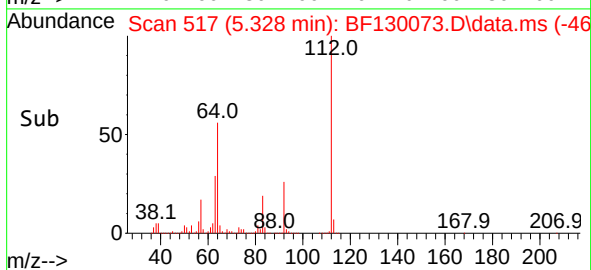
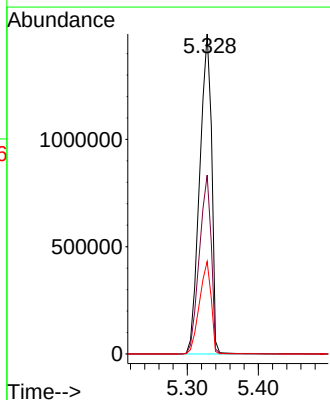
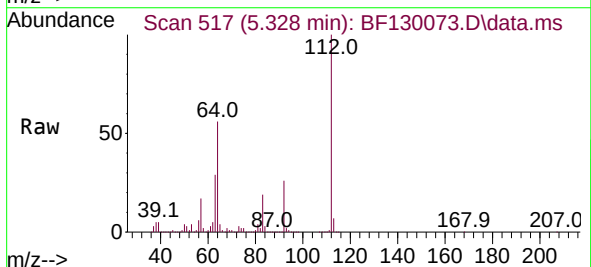
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-02

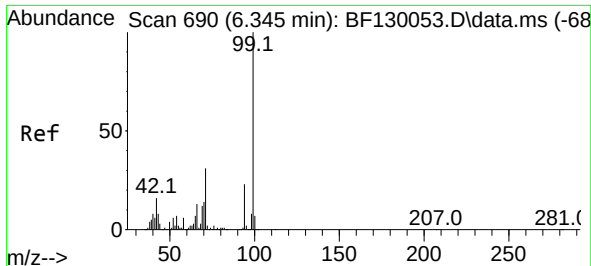
Tgt Ion:152 Resp: 249597
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.9 190.3
 115 59.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 119.249 ng
 RT: 5.328 min Scan# 517
 Delta R.T. 0.018 min
 Lab File: BF130073.D
 Acq: 01 Sep 2022 12:01

Tgt Ion:112 Resp: 1753252
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.6 71.4
 63 28.9 24.6 37.0



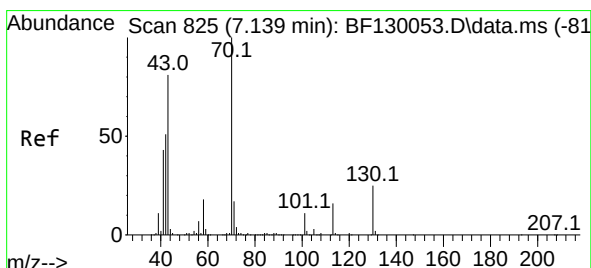
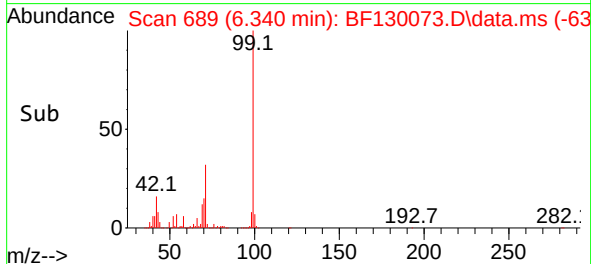
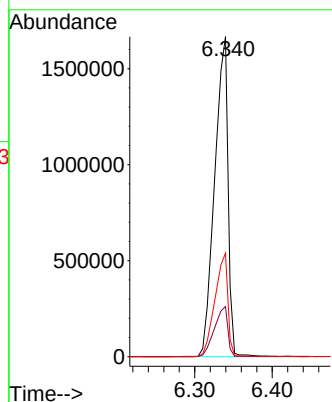
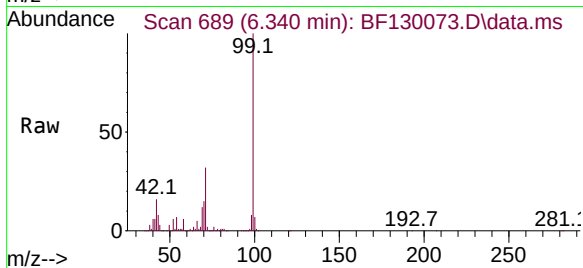


#7
Phenol-d6
Concen: 108.808 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

Tgt Ion: 99 Resp: 1994419

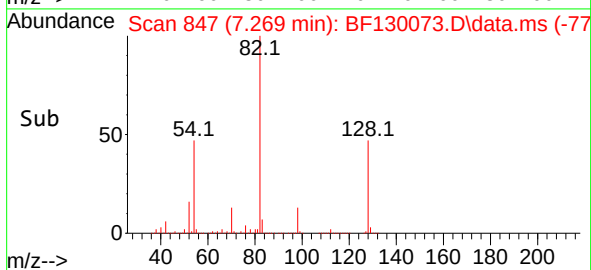
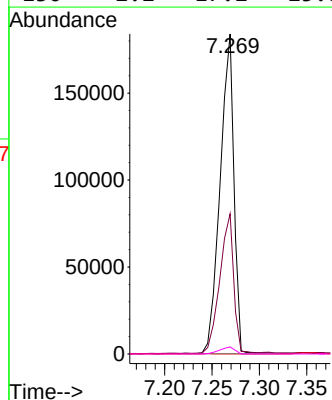
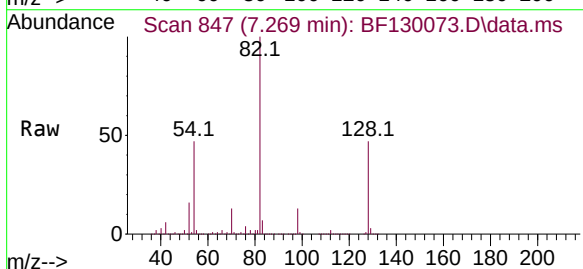
Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.0	22.4
71	32.3	28.8	43.2

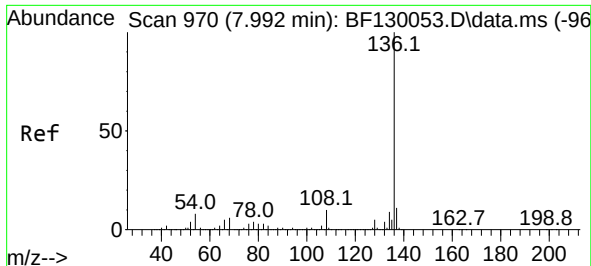


#19
n-Nitroso-di-n-propylamine
Concen: 16.864 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion: 70 Resp: 186225

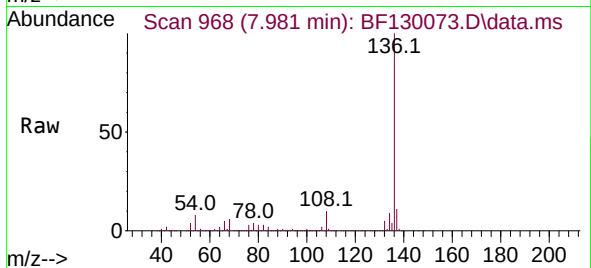
Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.6	71.4#
101	0.0	8.1	12.1#
130	2.2	17.2	25.8#



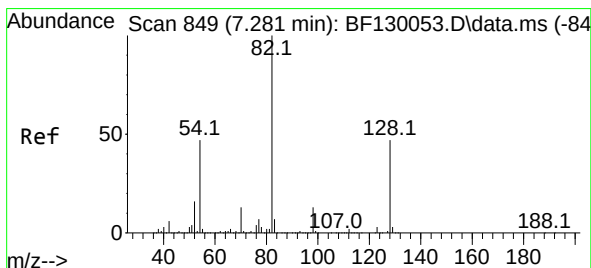
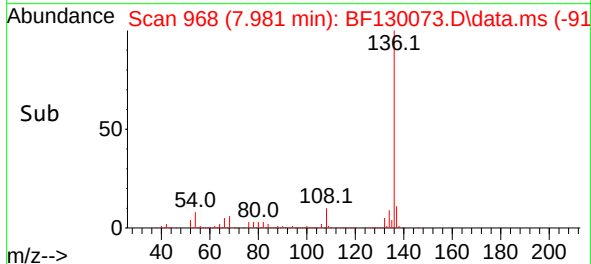
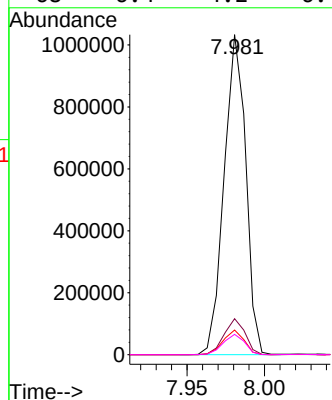


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

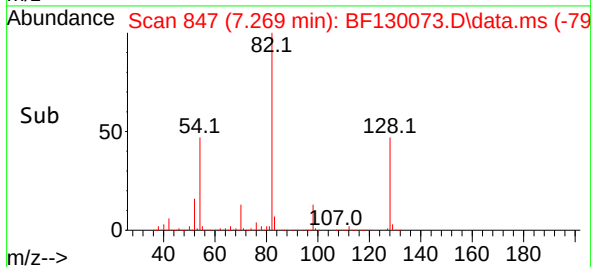
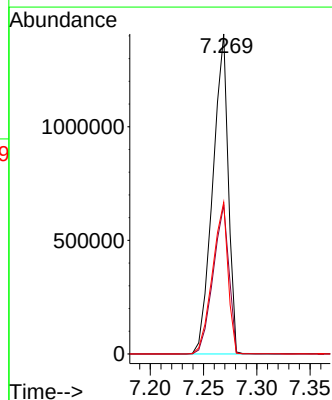
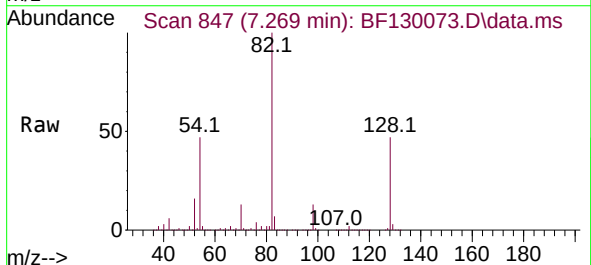


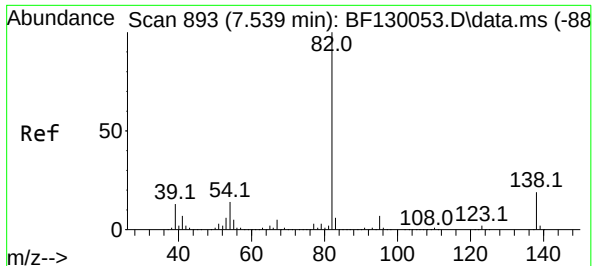
Tgt Ion:136 Resp: 1004036
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 90.901 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion: 82 Resp: 1420157
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 47.4 40.0 60.0

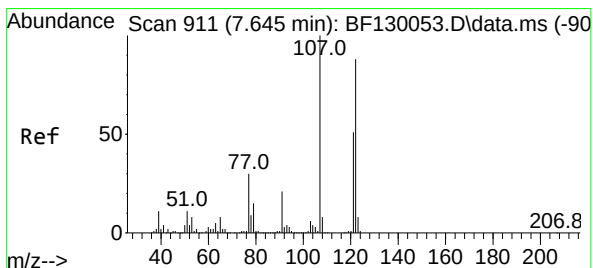
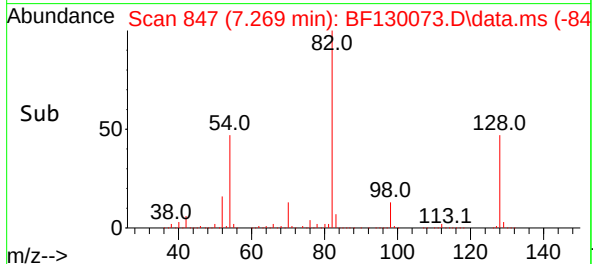
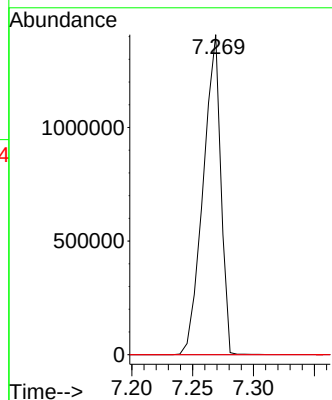
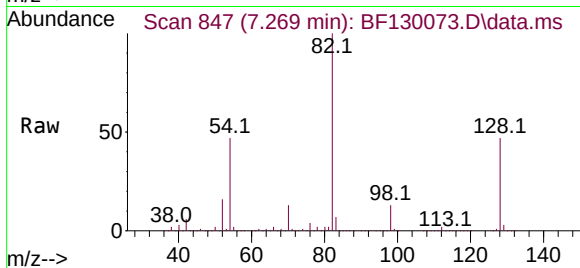




#25
Isophorone
Concen: 44.804 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.271 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

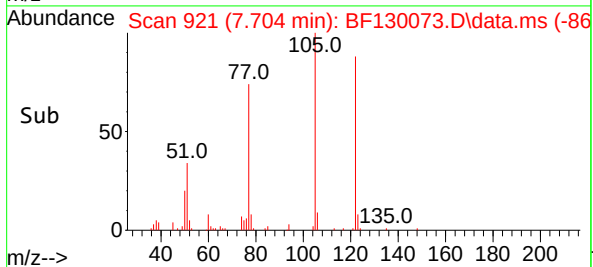
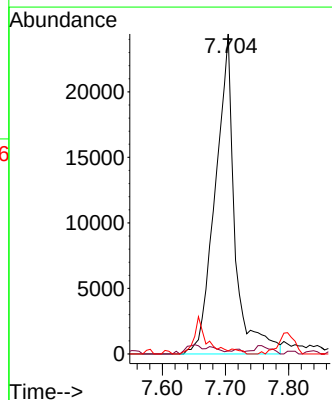
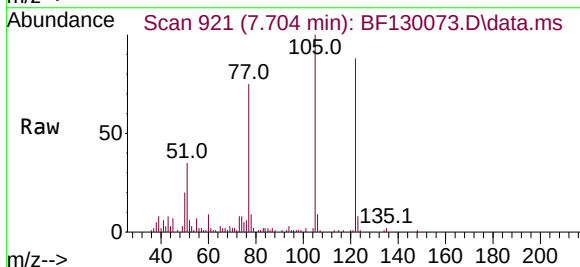
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

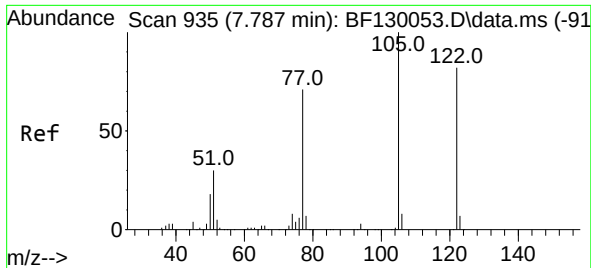
Tgt Ion: 82 Resp: 1416750
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 3.961 ng
RT: 7.704 min Scan# 921
Delta R.T. 0.059 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion: 122 Resp: 52554
Ion Ratio Lower Upper
122 100
107 1.0 92.2 138.4#
121 0.9 46.1 69.1#

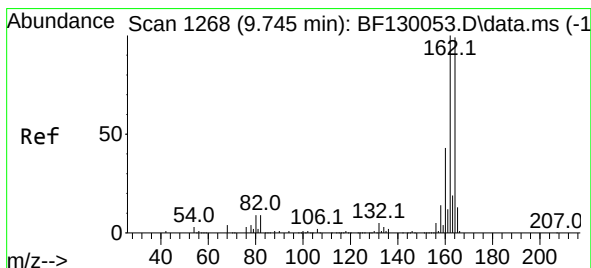
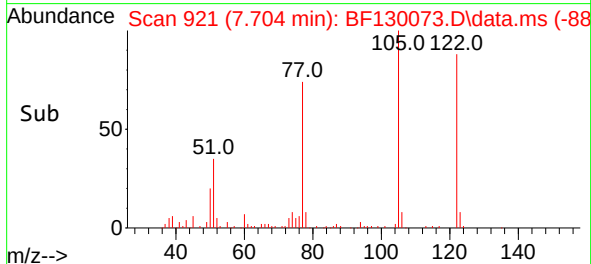
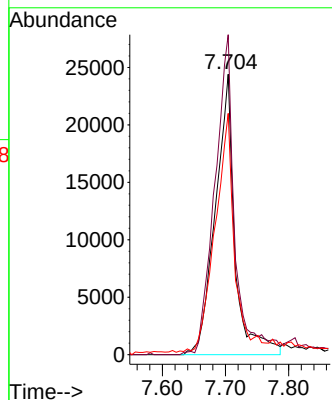
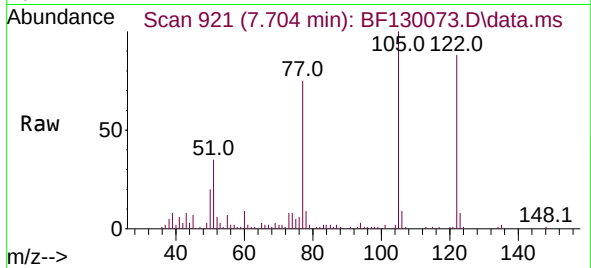




#32
Benzoic acid
Concen: 10.759 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.083 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

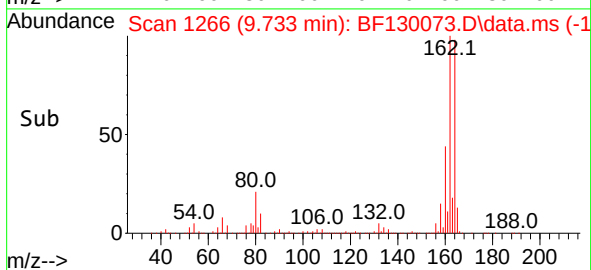
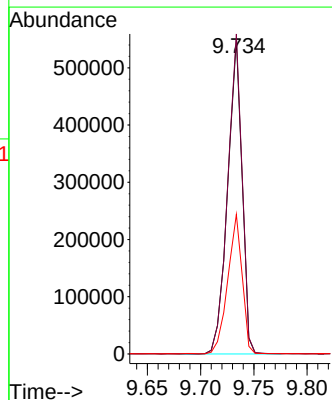
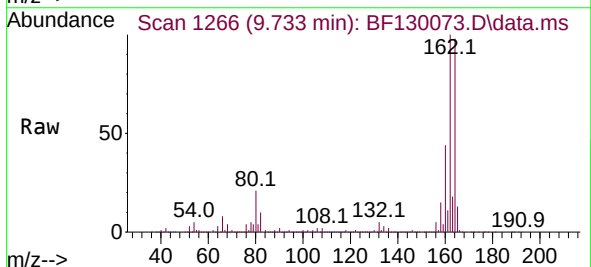
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ClientSampleId :
WC-PALM-SP-02

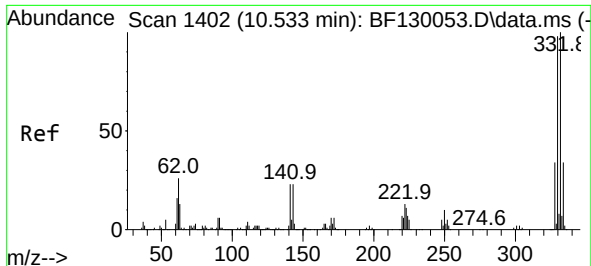
Tgt Ion:122 Resp: 52554
Ion Ratio Lower Upper
122 100
105 114.1 99.9 139.9
77 86.0 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.011 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion:164 Resp: 517595
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.934 ng

RT: 10.528 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130073.D

Acq: 01 Sep 2022 12:01

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-02

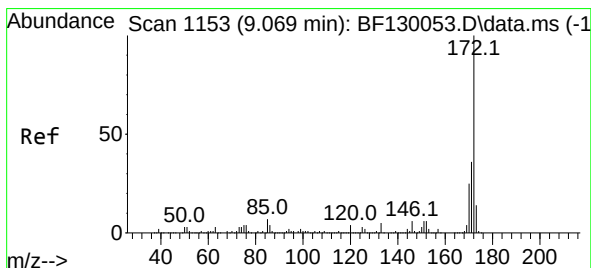
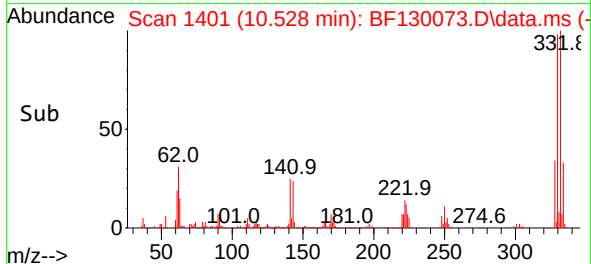
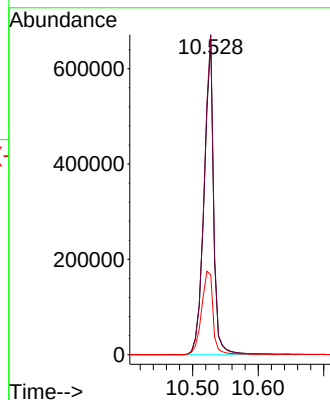
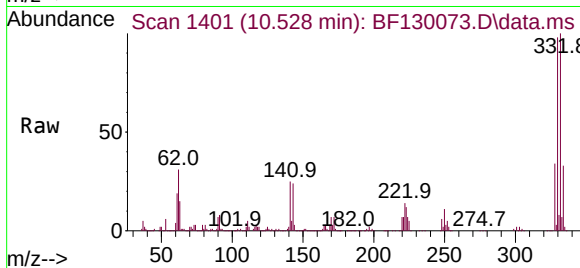
Tgt Ion:330 Resp: 668732

Ion Ratio Lower Upper

330 100

332 102.3 82.6 124.0

141 32.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.203 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130073.D

Acq: 01 Sep 2022 12:01

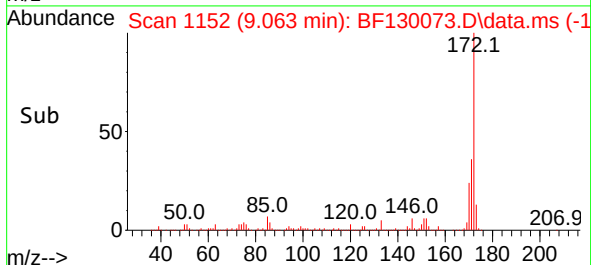
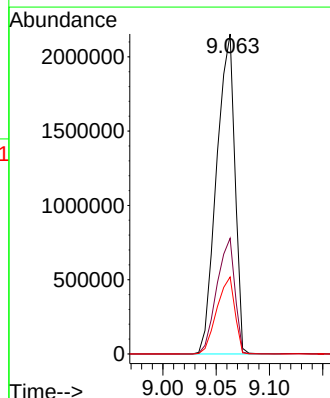
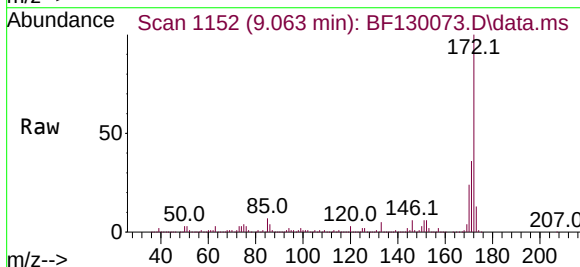
Tgt Ion:172 Resp: 2566270

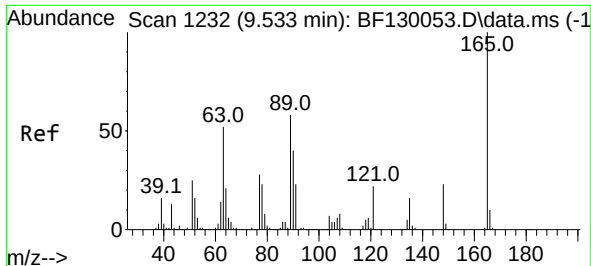
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.0 19.1 28.7

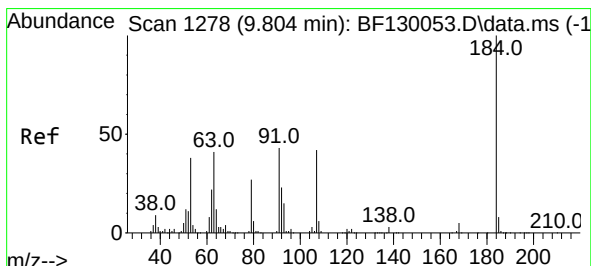
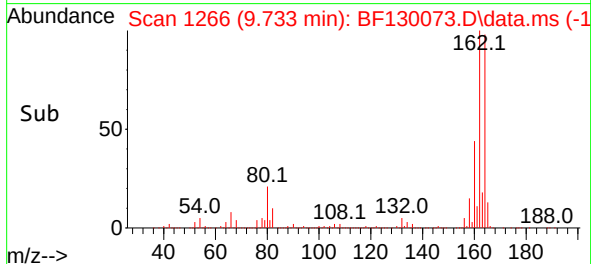
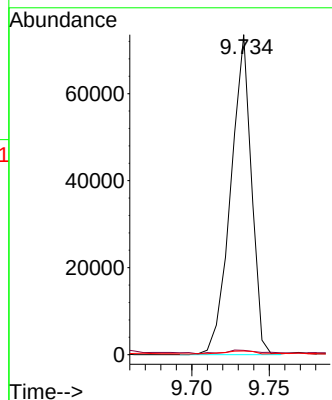
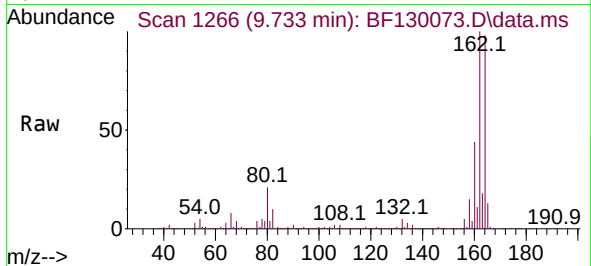




#51
2,6-Dinitrotoluene
Concen: 9.927 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

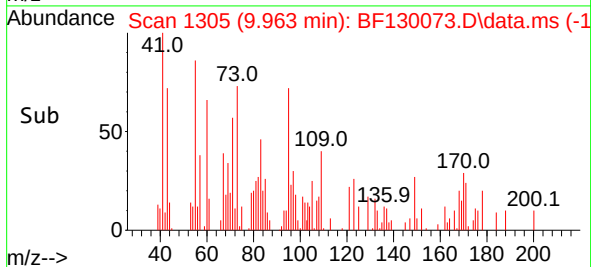
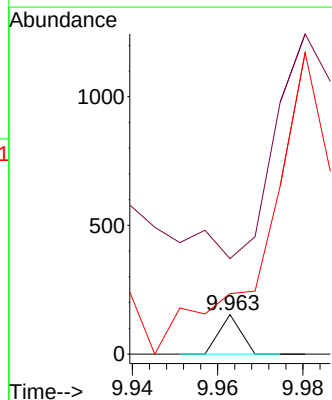
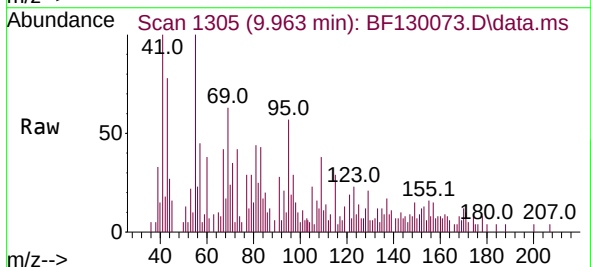
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

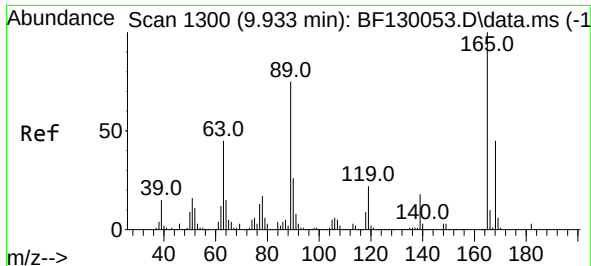
Tgt Ion:165 Resp: 68235
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.1 47.2 70.8#



#54
2,4-Dinitrophenol
Concen: 8.108 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.159 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 242.5 59.6 89.4#
154 153.6 55.3 82.9#

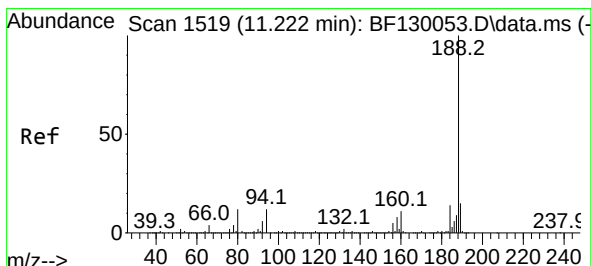
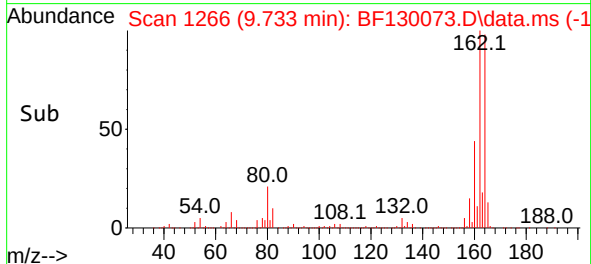
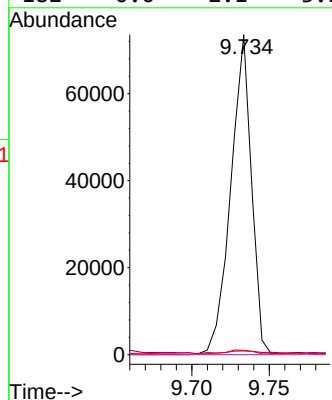
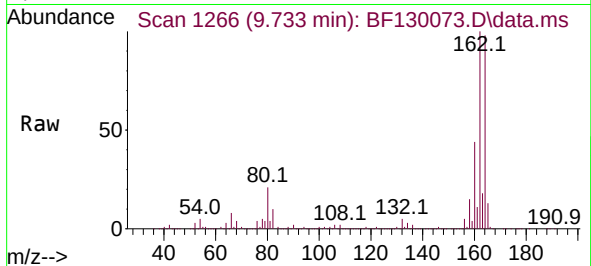




#57
2,4-Dinitrotoluene
Concen: 8.622 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

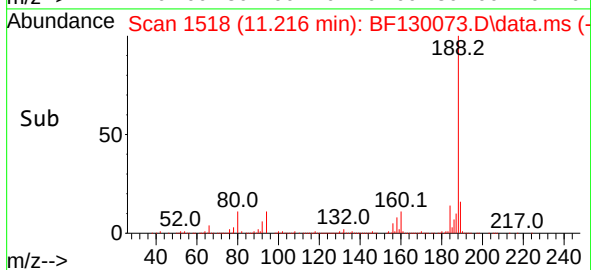
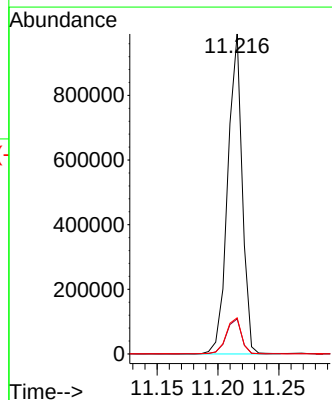
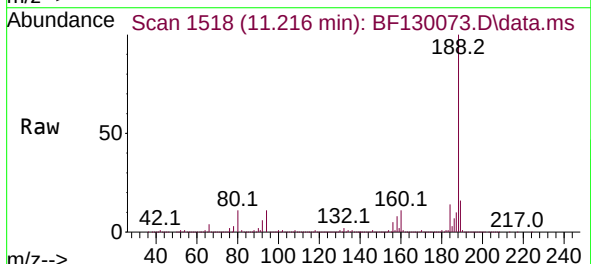
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ClientSampleId :
WC-PALM-SP-02

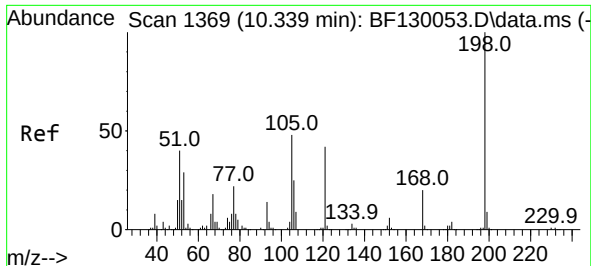
Tgt Ion:165 Resp: 68235
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion:188 Resp: 817484
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.3 7.9 11.9

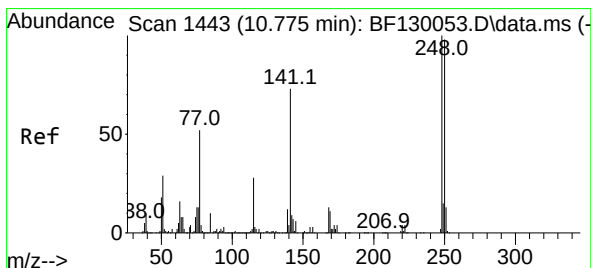
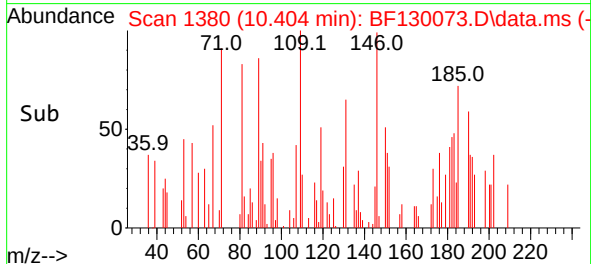
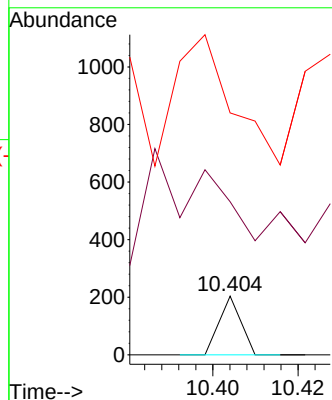
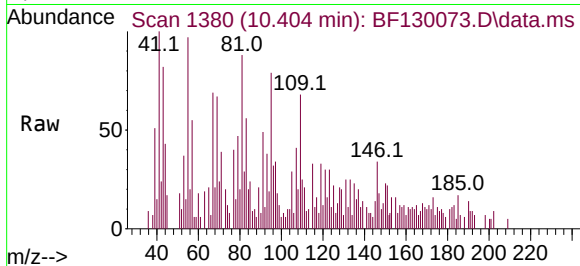




#65
4,6-Dinitro-2-methylphenol
Concen: 6.097 ng
RT: 10.404 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

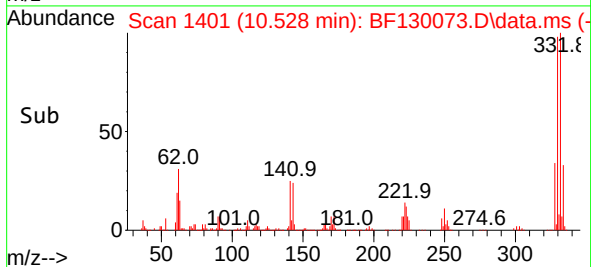
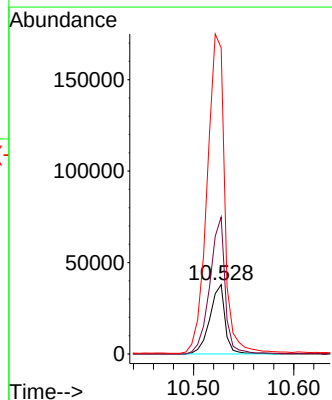
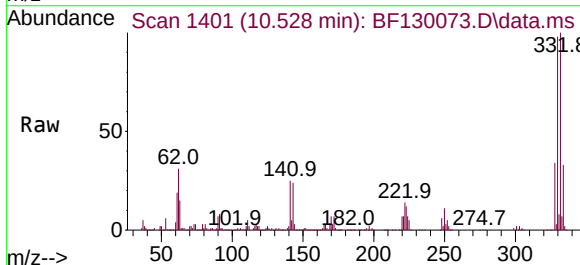
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

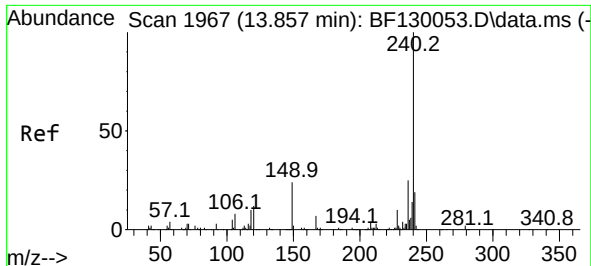
Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 260.8 29.4 69.4#
105 411.8 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion:248 Resp: 40283
Ion Ratio Lower Upper
248 100
250 197.5 77.8 116.6#
141 442.2 66.2 99.2#

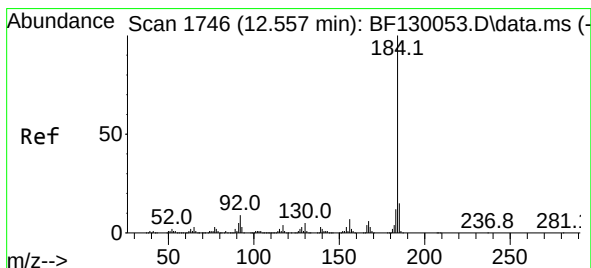
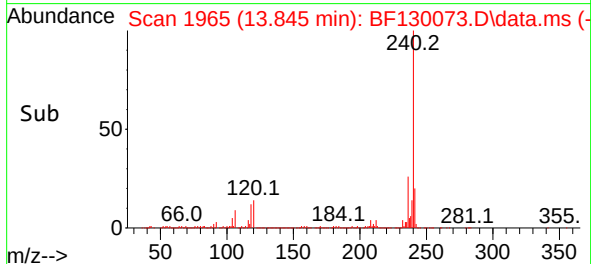
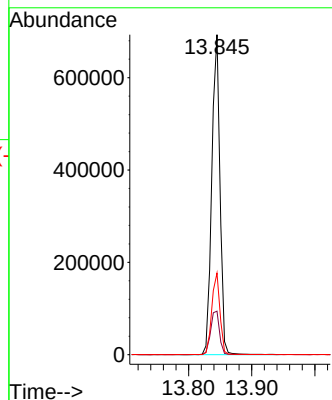
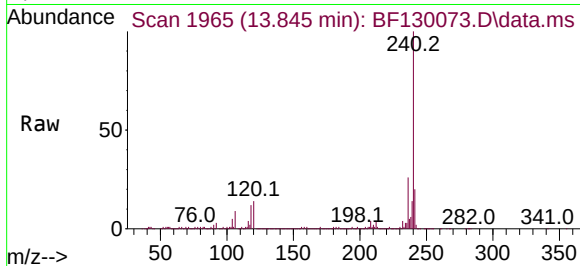




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

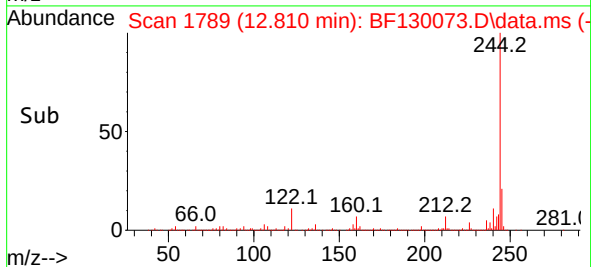
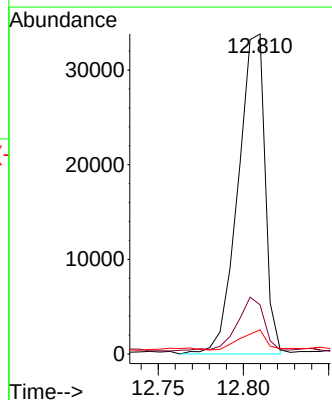
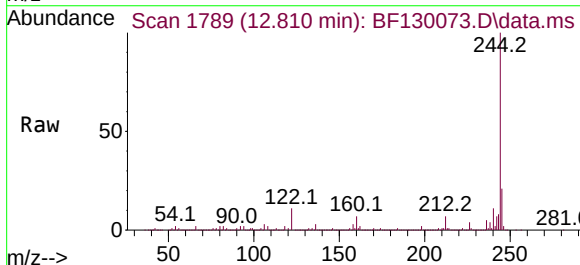
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-02

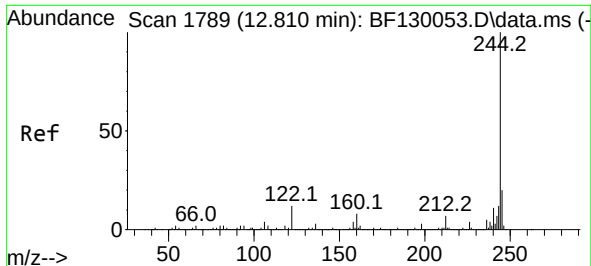
Tgt Ion:240 Resp: 622501
Ion Ratio Lower Upper
240 100
120 13.6 9.2 13.8
236 25.5 20.7 31.1



#77
Benidine
Concen: 2.215 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130073.D
Acq: 01 Sep 2022 12:01

Tgt Ion:184 Resp: 37230
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.2
183 7.5 9.4 14.2#

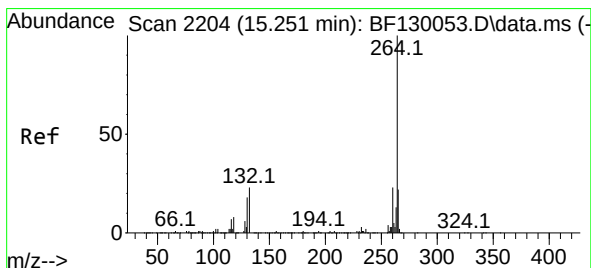
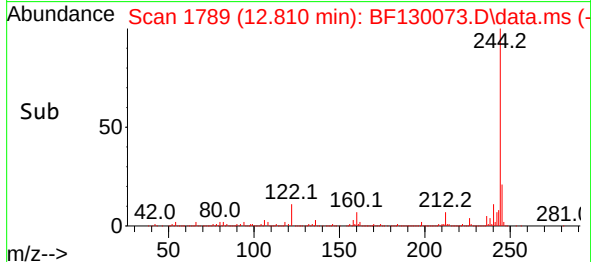
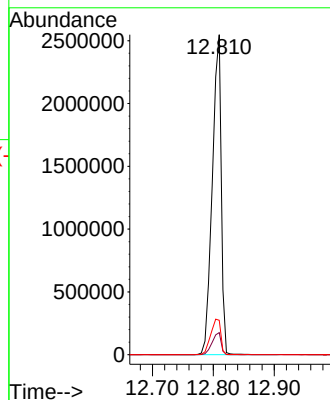
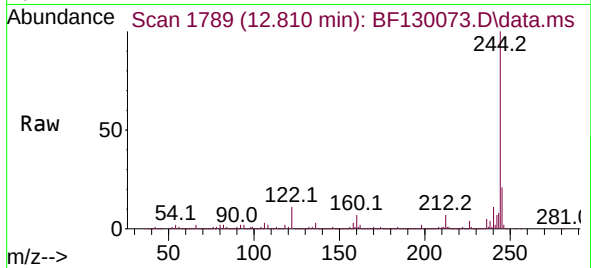




#79
 Terphenyl-d14
 Concen: 72.546 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130073.D
 Acq: 01 Sep 2022 12:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-02

Tgt Ion:244 Resp: 2604212
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130073.D
 Acq: 01 Sep 2022 12:01

Tgt Ion:264 Resp: 592309
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.3 16.7 25.1

