

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129390.D
 Acq On : 27 Jul 2022 22:43
 Operator : CG\JU
 Sample : N3887-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jul 28 01:32:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

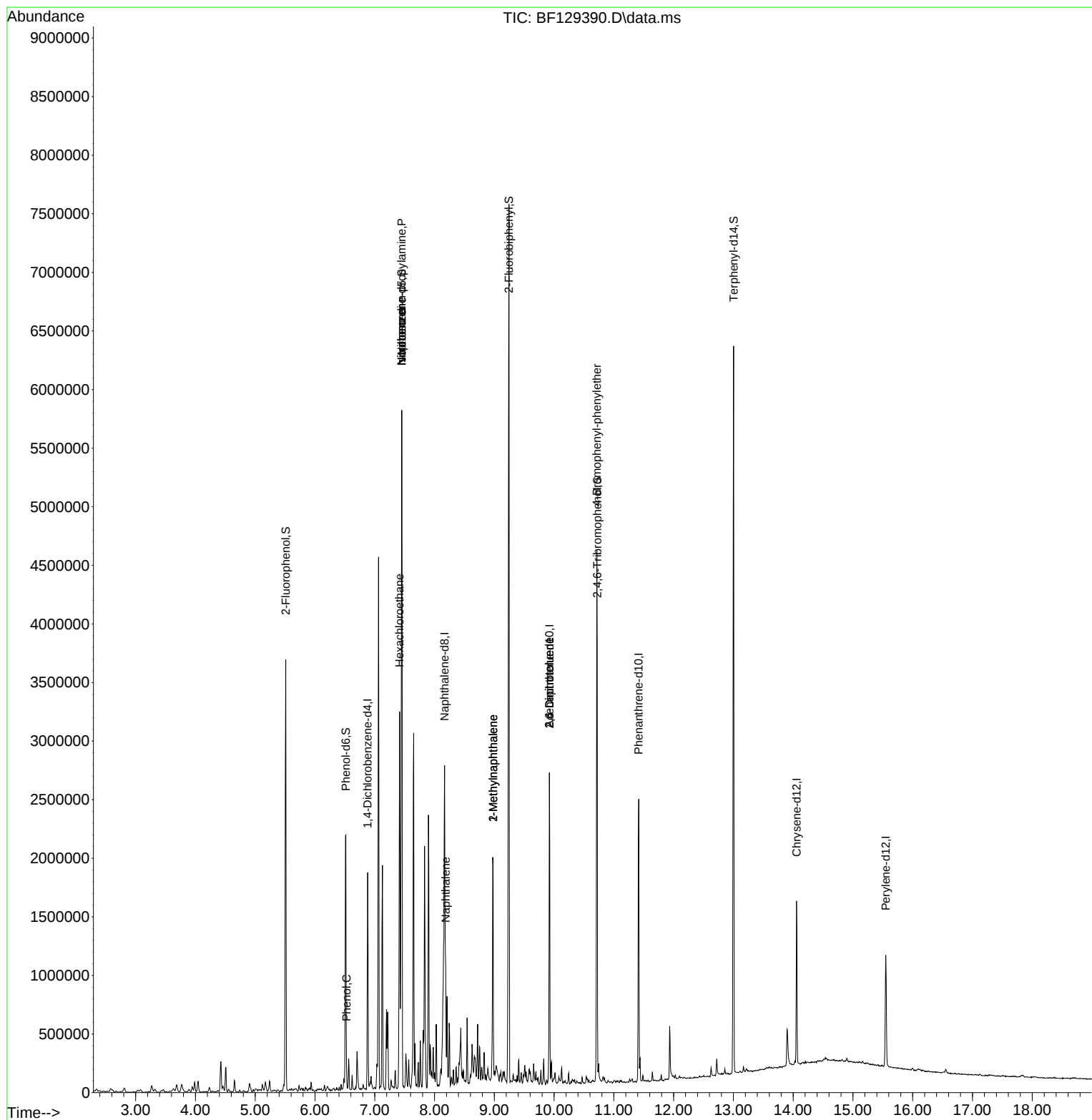
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	257793	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1003582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	524778	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	820500	20.000	ng	0.00
76) Chrysene-d12	14.057	240	470566	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	424632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	934136	59.028	ng	0.01
7) Phenol-d6	6.516	99	766345	38.526	ng	0.00
23) Nitrobenzene-d5	7.451	82	1459500	79.388	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	568498	112.678	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2391437	70.495	ng	0.00
79) Terphenyl-d14	13.004	244	2110880	84.629	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	47852	2.259	ng	92
18) Hexachloroethane	7.416	117	194606	27.406	ng	# 1
19) n-Nitroso-di-n-propyla...	7.451	70	194994	16.193	ng	# 76
24) Nitrobenzene	7.451	77	46040	2.432	ng	# 2
25) Isophorone	7.451	82	1450932	44.029	ng	# 65
31) Naphthalene	8.186	128	223350	4.380	ng	# 94
37) 2-Methylnaphthalene	8.980	142	471657	14.234	ng	96
38) 1-Methylnaphthalene	8.980	142	471657	14.745	ng	99
51) 2,6-Dinitrotoluene	9.922	165	68368	8.432	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	68382	6.456	ng	# 24
67) 4-Bromophenyl-phenylether	10.716	248	36364	4.047	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129390.D
Acq On : 27 Jul 2022 22:43
Operator : CG\JU
Sample : N3887-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Jul 28 01:32:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

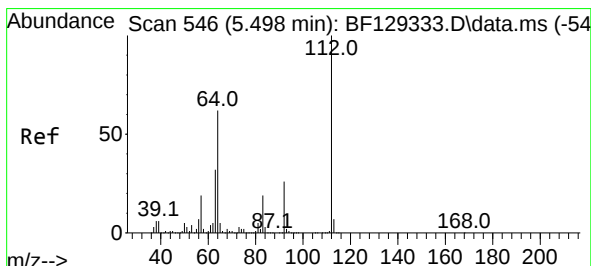
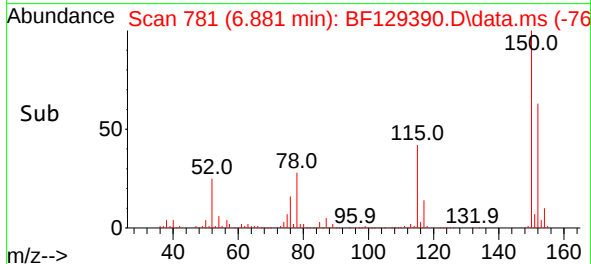
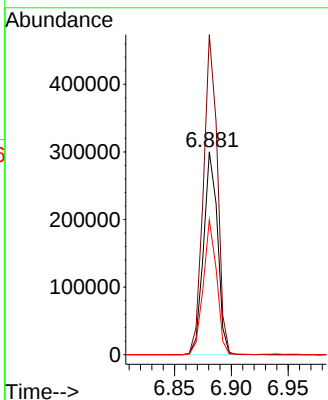
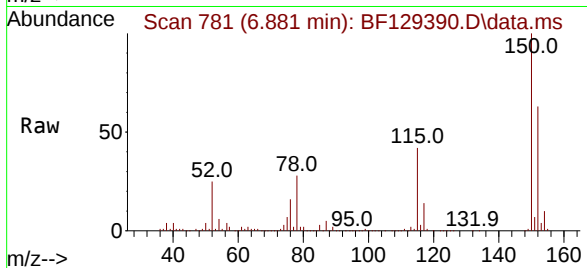




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129390.D
 Acq: 27 Jul 2022 22:43

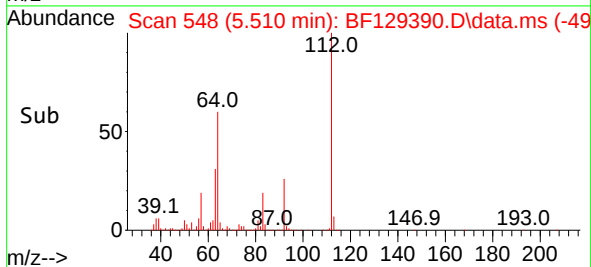
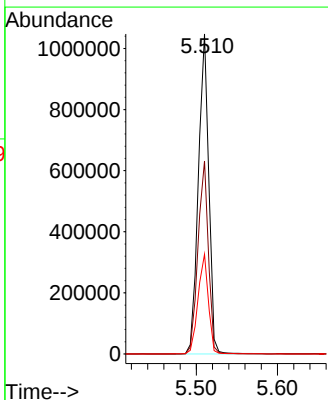
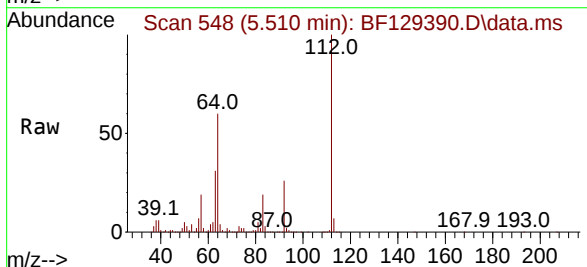
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

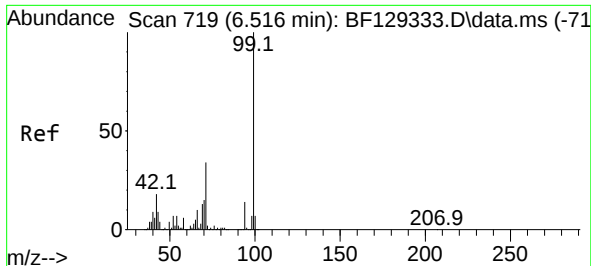
Tgt Ion:152 Resp: 257793
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 59.028 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129390.D
 Acq: 27 Jul 2022 22:43

Tgt Ion:112 Resp: 934136
 Ion Ratio Lower Upper
 112 100
 64 60.3 53.3 79.9
 63 31.1 28.0 42.0





#7

Phenol-d6

Concen: 38.526 ng

RT: 6.516 min Scan# 719

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

Instrument :

BNA_F

ClientSampleId :

MW-1

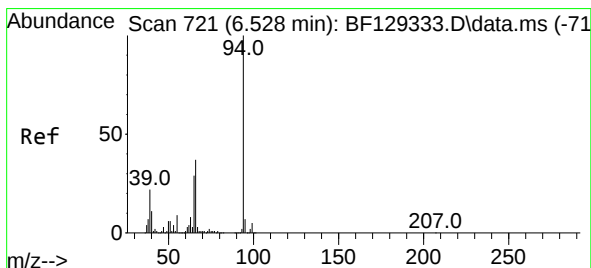
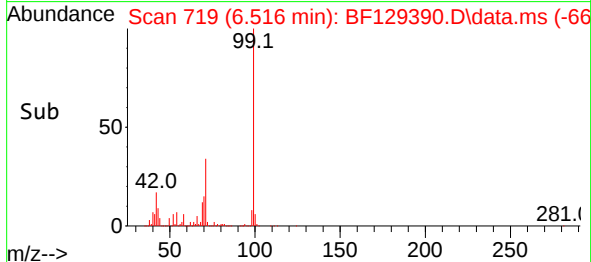
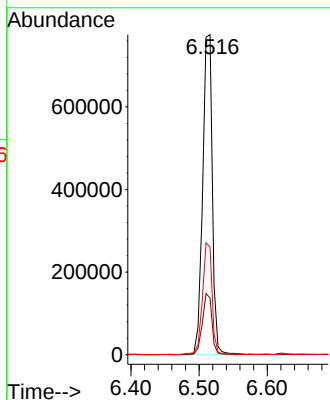
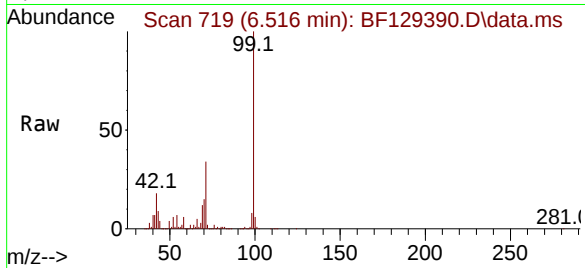
Tgt Ion: 99 Resp: 766345

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

71 33.6 28.9 43.3



#10

Phenol

Concen: 2.259 ng

RT: 6.528 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

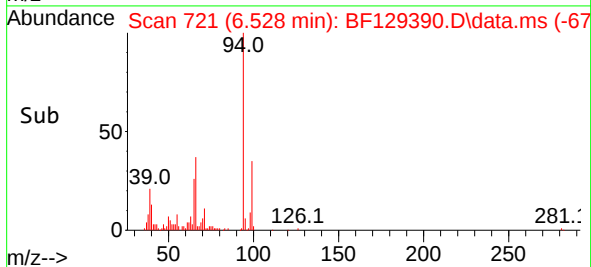
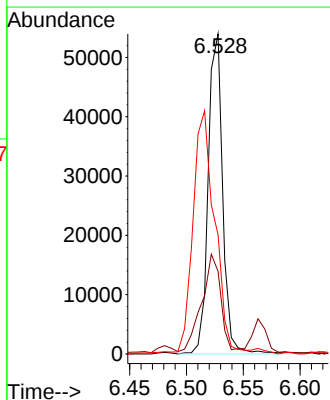
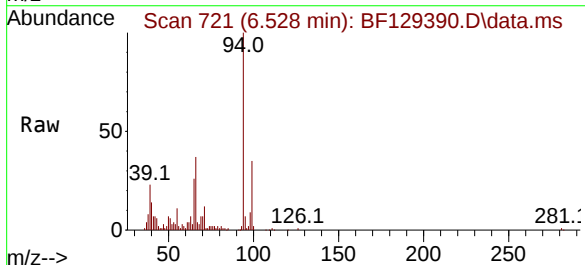
Tgt Ion: 94 Resp: 47852

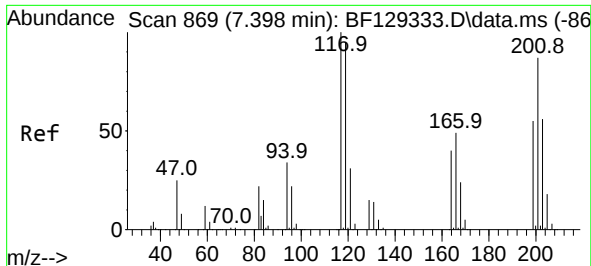
Ion Ratio Lower Upper

94 100

65 25.8 11.4 51.4

66 37.2 21.4 61.4

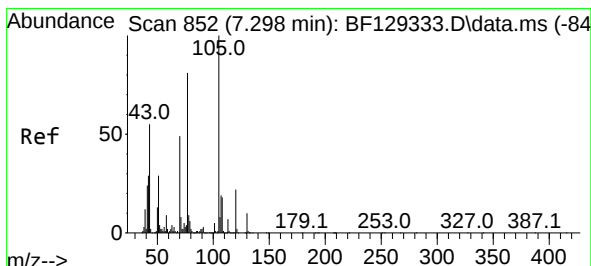
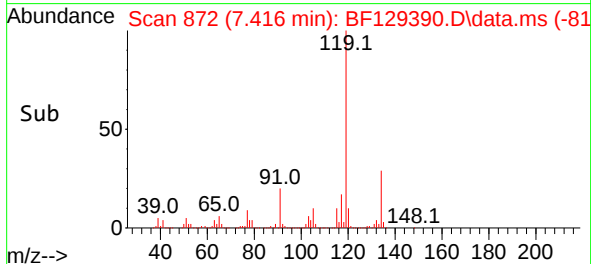
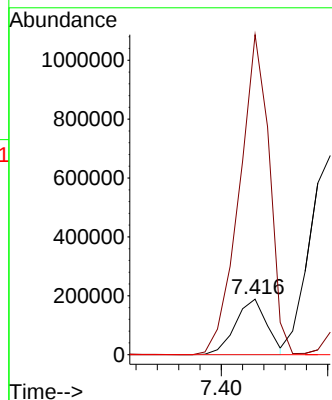
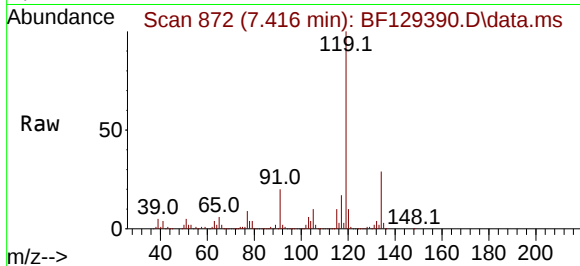




#18
Hexachloroethane
Concen: 27.406 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

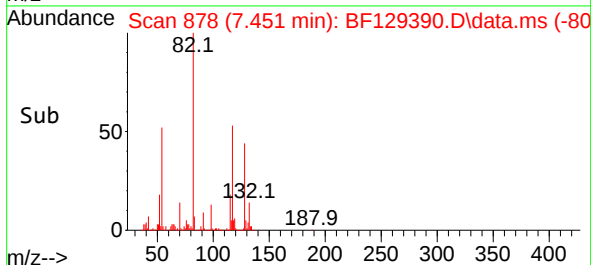
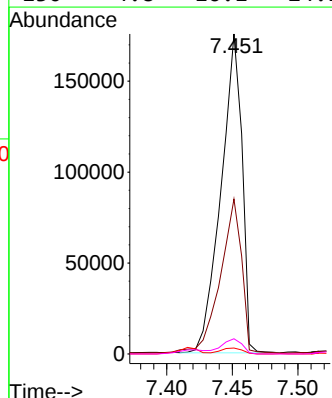
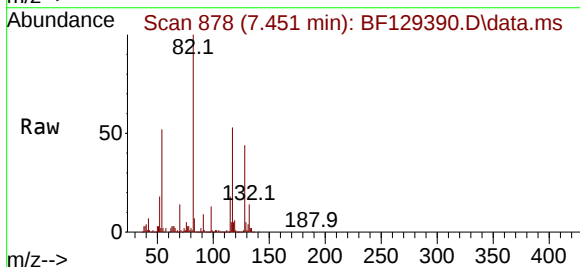
Instrument :
BNA_F
ClientSampleId :
MW-1

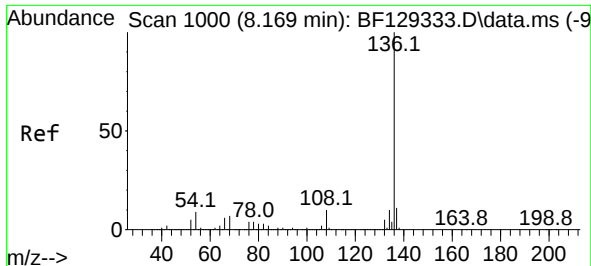
Tgt Ion:117 Resp: 194606
Ion Ratio Lower Upper
117 100
119 575.5 77.4 116.2#
201 0.0 84.6 127.0#



#19
n-Nitroso-di-n-propylamine
Concen: 16.193 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion: 70 Resp: 194994
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 1.9 7.5 11.3#
130 4.8 16.1 24.1#

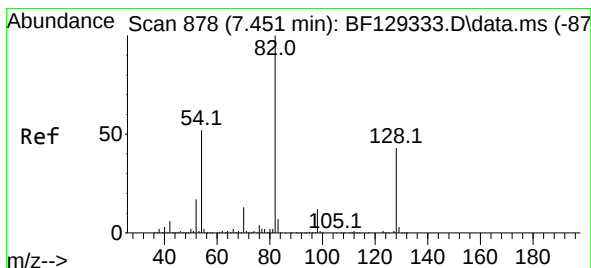
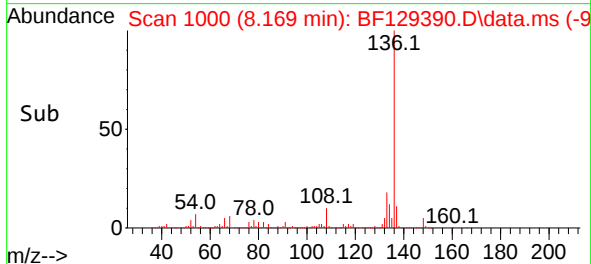
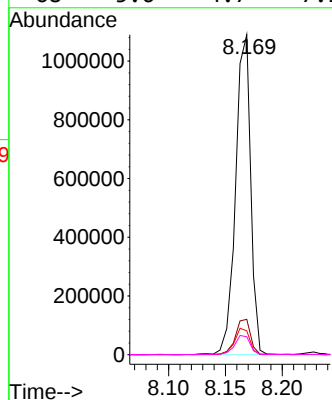
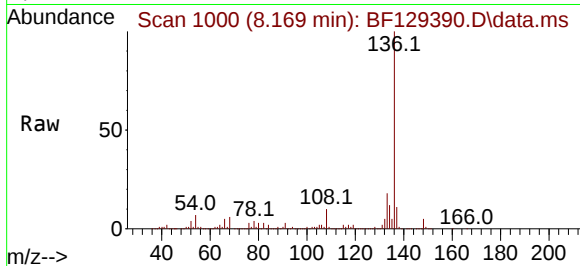




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

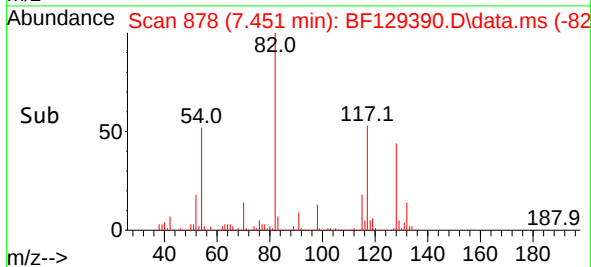
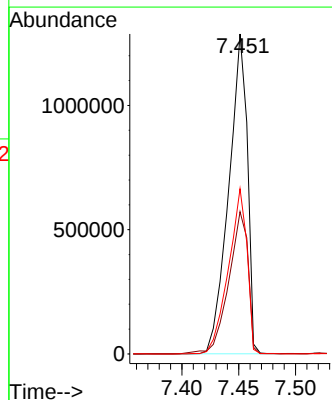
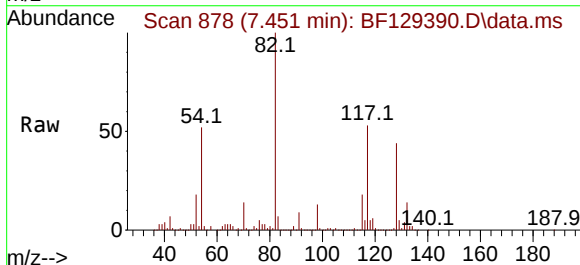
Instrument :
BNA_F
ClientSampleId :
MW-1

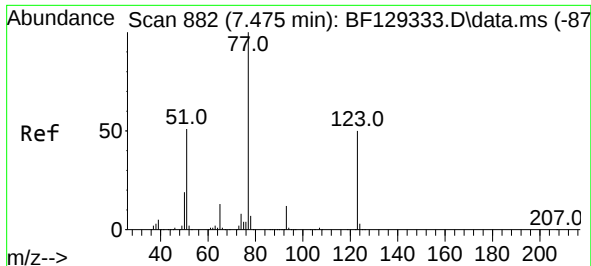
Tgt Ion:136 Resp: 1003582
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3#
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.388 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion: 82 Resp: 1459500
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 51.7 46.9 70.3

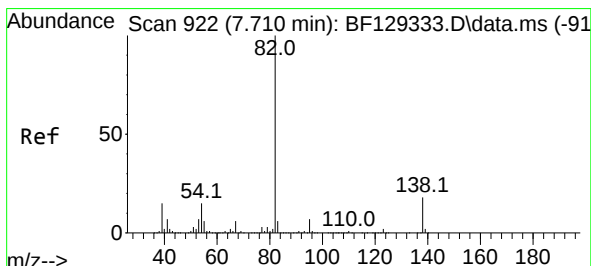
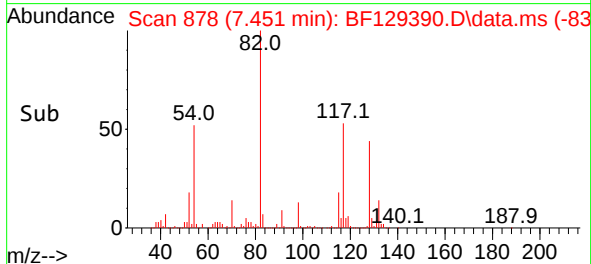
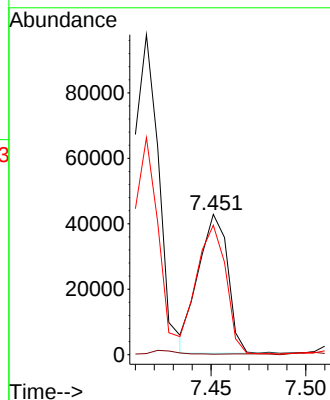
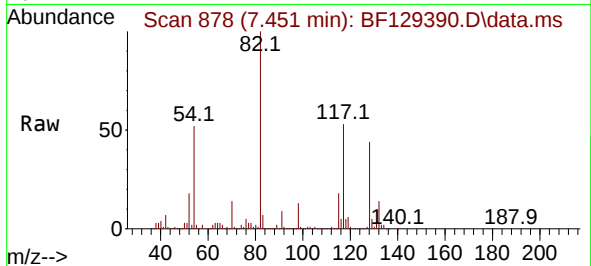




#24
Nitrobenzene
Concen: 2.432 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

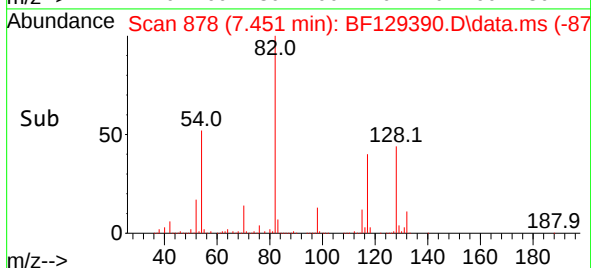
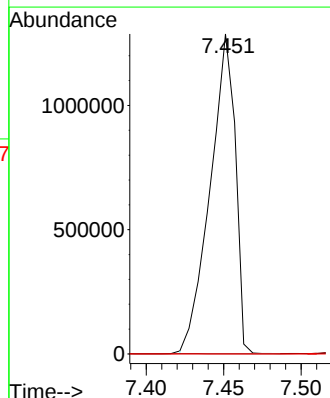
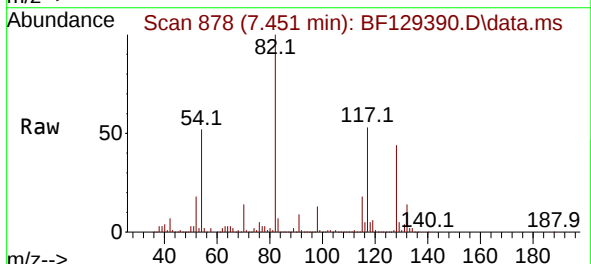
Instrument :
BNA_F
ClientSampleId :
MW-1

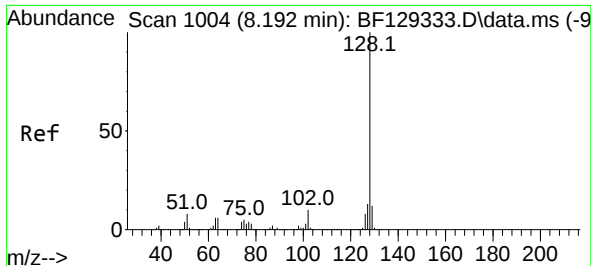
Tgt Ion: 77 Resp: 46040
Ion Ratio Lower Upper
77 100
123 0.4 35.4 53.2#
65 92.3 11.8 17.8#



#25
Isophorone
Concen: 44.029 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.259 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion: 82 Resp: 1450932
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#

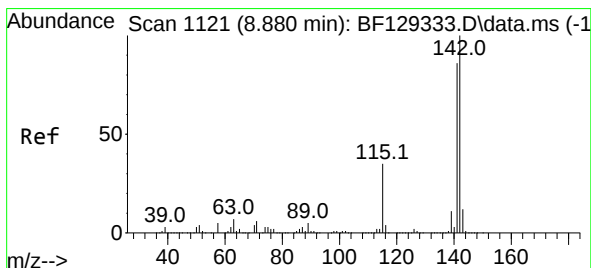
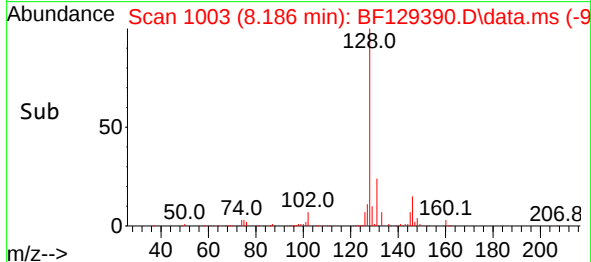
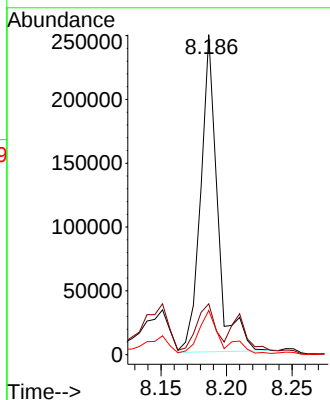
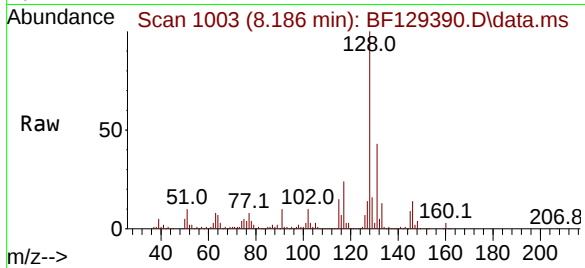




#31
Naphthalene
Concen: 4.380 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

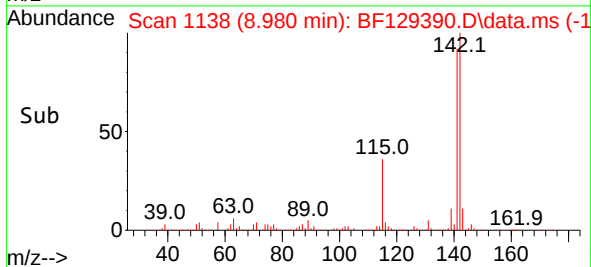
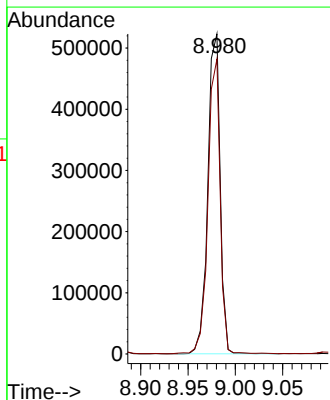
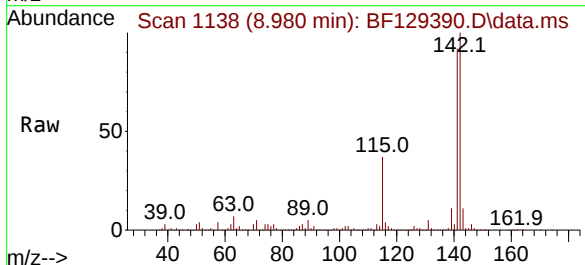
Instrument :
BNA_F
ClientSampleId :
MW-1

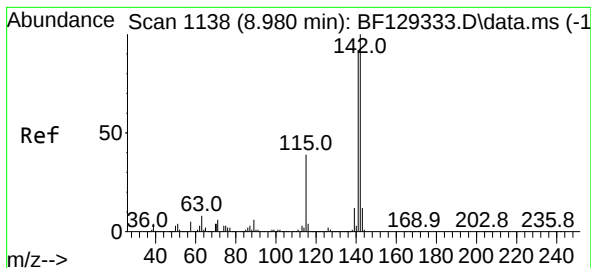
Tgt Ion:128 Resp: 223350
Ion Ratio Lower Upper
128 100
129 15.9 9.2 13.8#
127 13.8 10.5 15.7



#37
2-Methylnaphthalene
Concen: 14.234 ng
RT: 8.980 min Scan# 1138
Delta R.T. 0.100 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:142 Resp: 471657
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.4





#38

1-Methylnaphthalene

Concen: 14.745 ng

RT: 8.980 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

Instrument :

BNA_F

ClientSampleId :

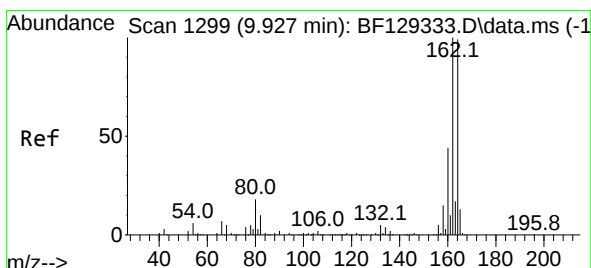
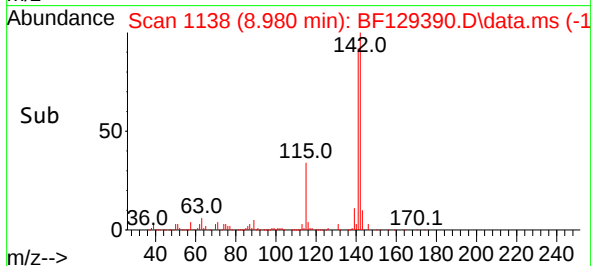
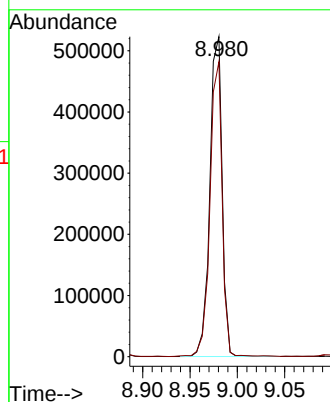
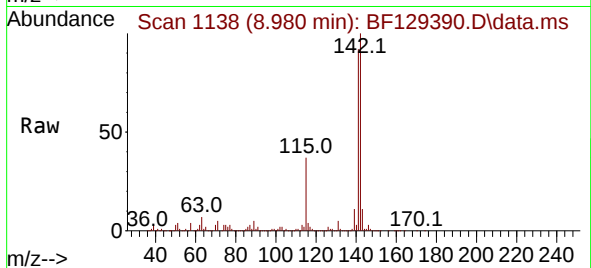
MW-1

Tgt Ion:142 Resp: 471657

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

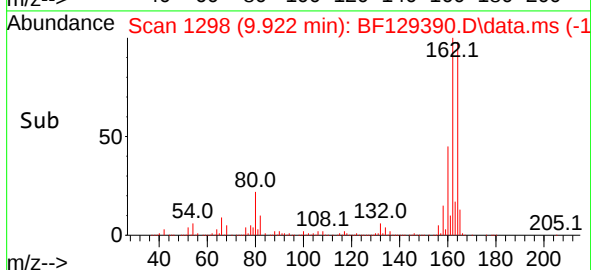
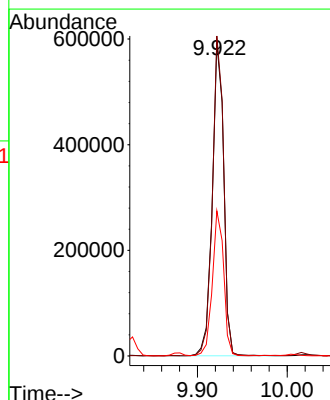
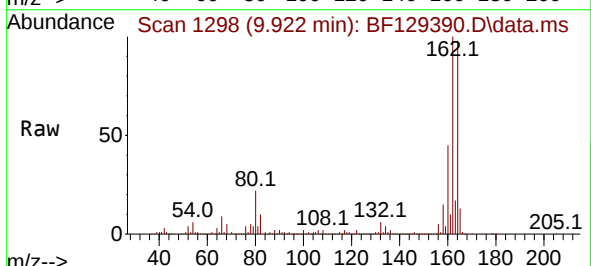
Tgt Ion:164 Resp: 524778

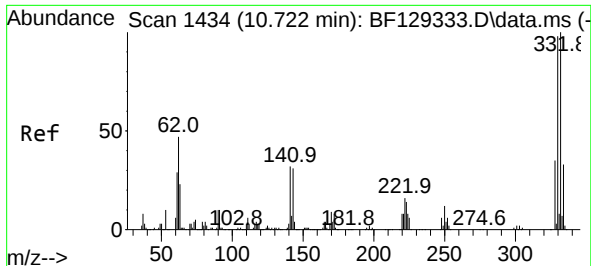
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 46.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.678 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129390.D

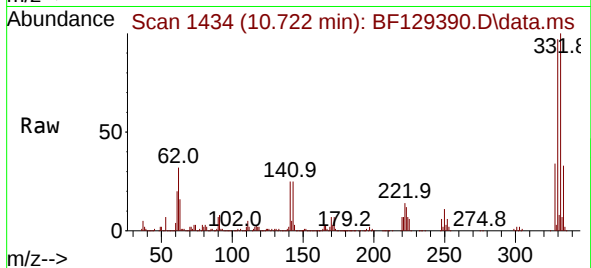
Acq: 27 Jul 2022 22:43

Instrument :

BNA_F

ClientSampleId :

MW-1



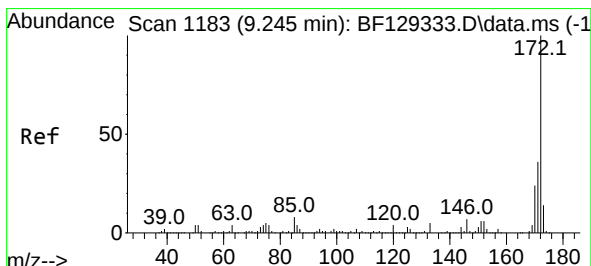
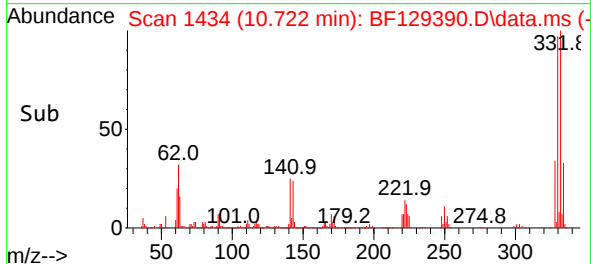
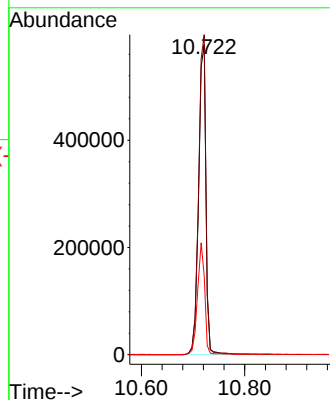
Tgt Ion:330 Resp: 568498

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.495 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

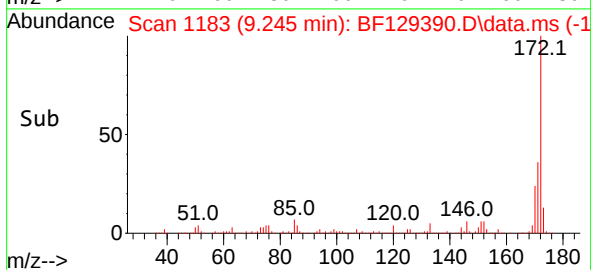
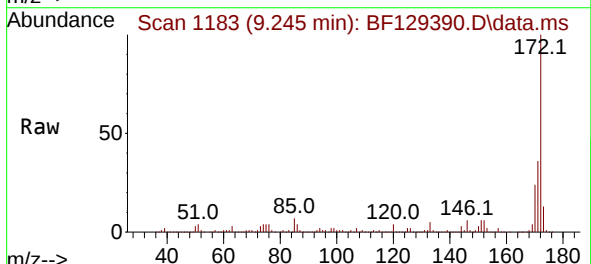
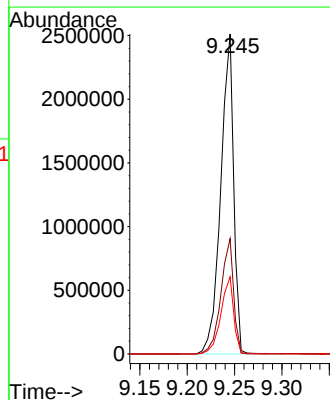
Tgt Ion:172 Resp: 2391437

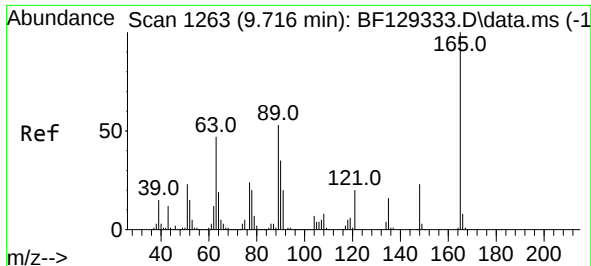
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.1 19.8 29.8

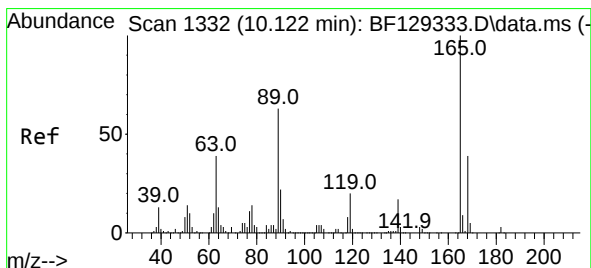
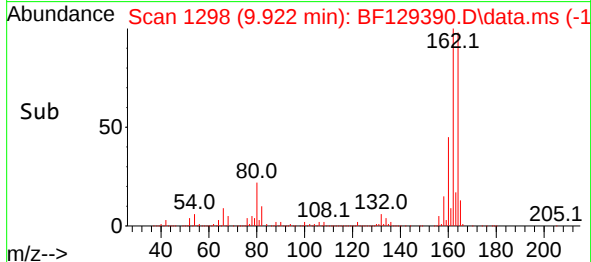
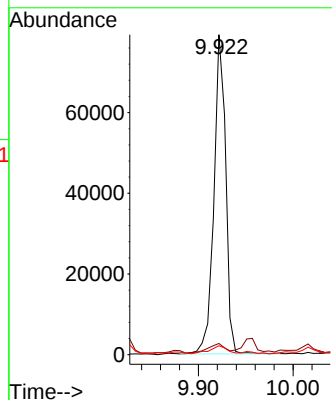
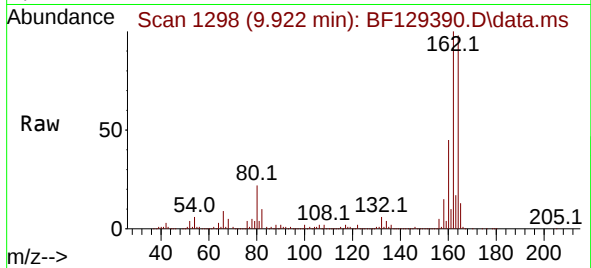




#51
2,6-Dinitrotoluene
Concen: 8.432 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

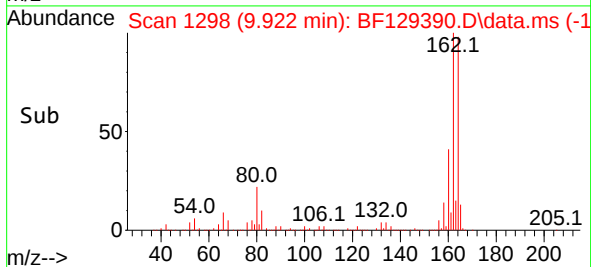
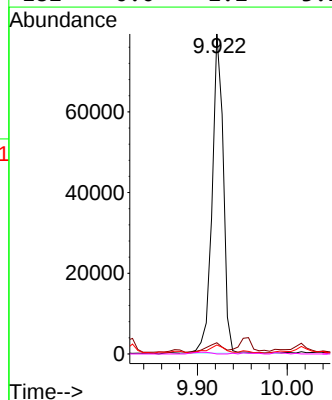
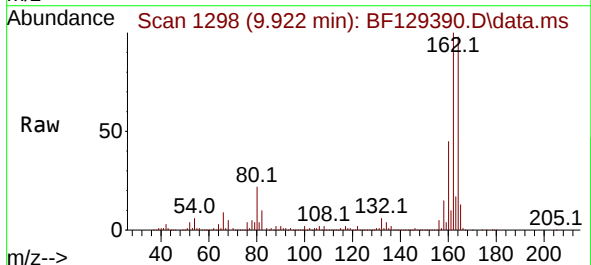
Instrument :
BNA_F
ClientSampleId :
MW-1

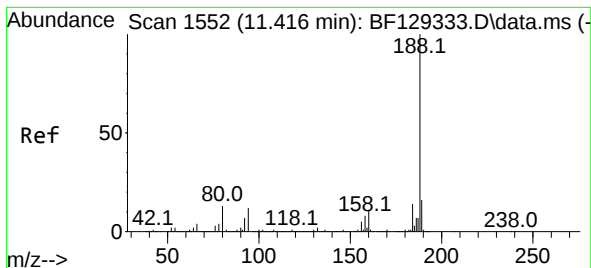
Tgt Ion:165 Resp: 68368
Ion Ratio Lower Upper
165 100
63 3.5 44.9 67.3#
89 2.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.456 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:165 Resp: 68382
Ion Ratio Lower Upper
165 100
63 3.5 39.8 59.6#
89 2.8 60.2 90.2#
182 0.0 2.2 3.2#

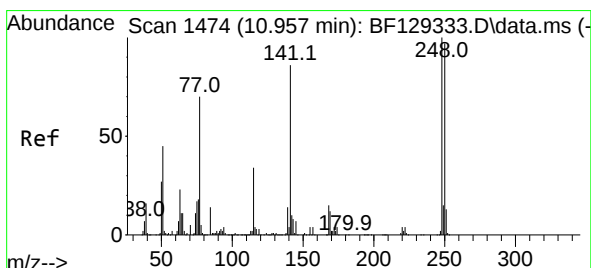
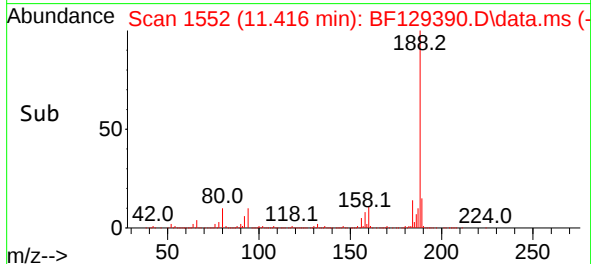
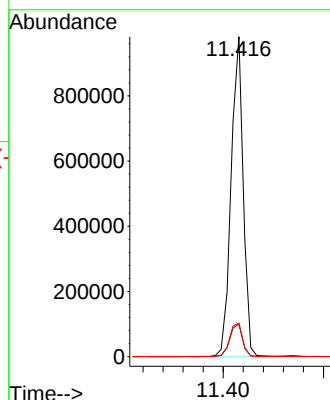
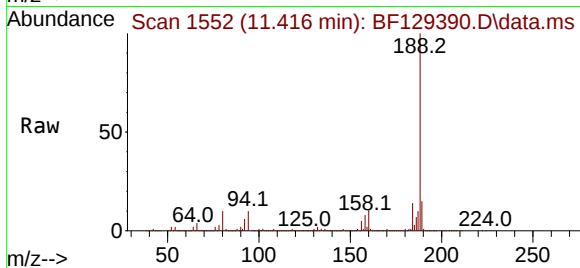




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

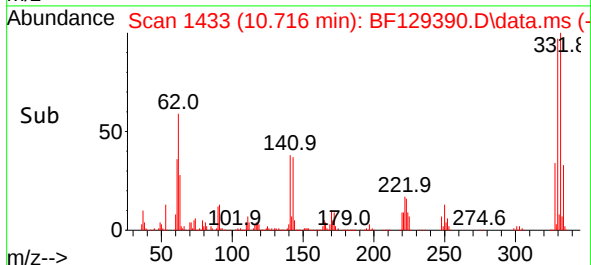
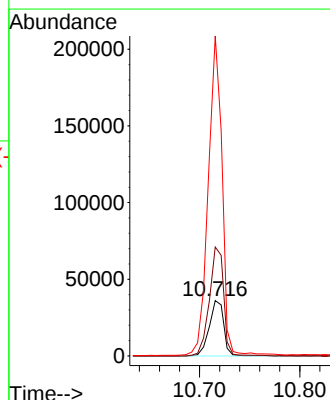
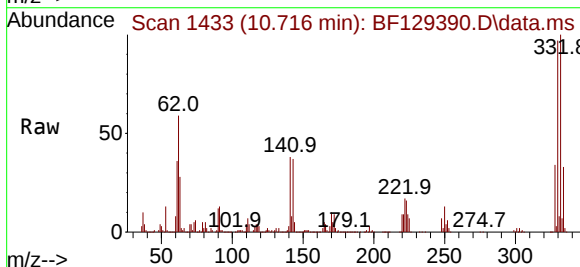
Instrument :
BNA_F
ClientSampleId :
MW-1

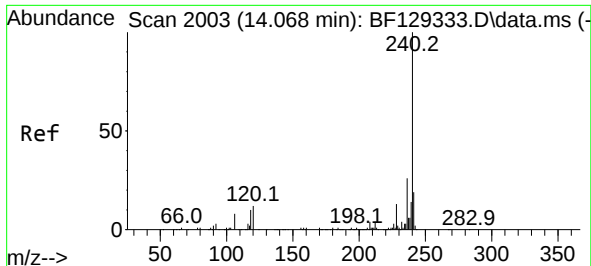
Tgt Ion:188 Resp: 820500
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:248 Resp: 36364
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 577.4 58.9 88.3#

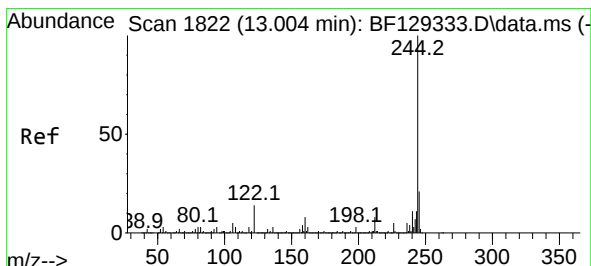
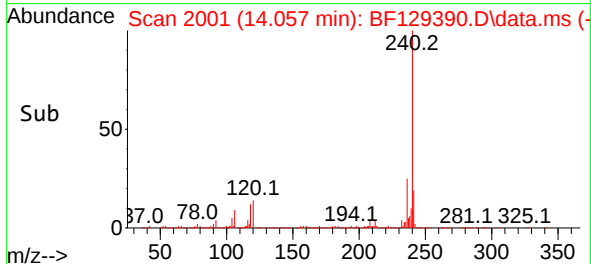
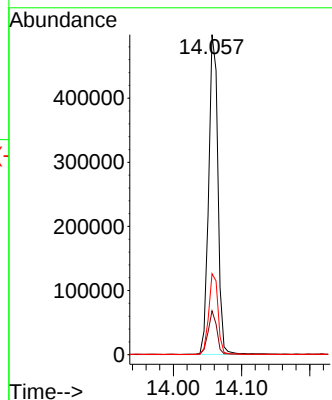
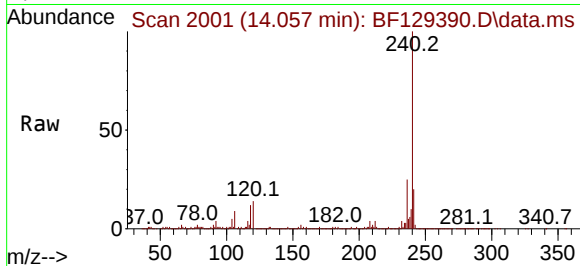




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

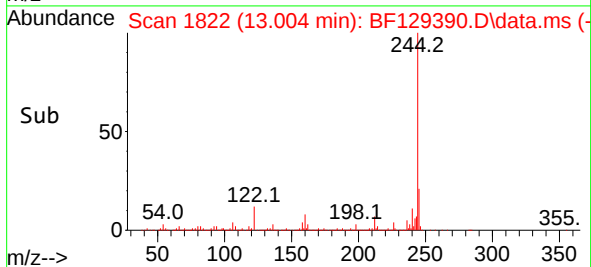
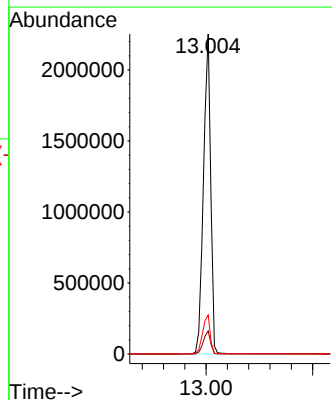
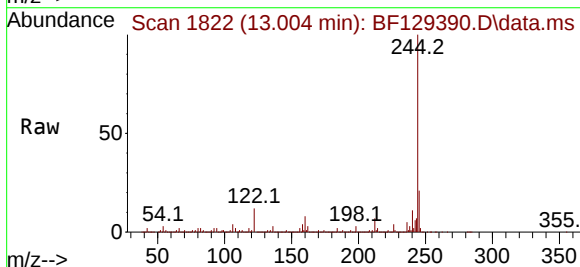
Instrument :
BNA_F
ClientSampleId :
MW-1

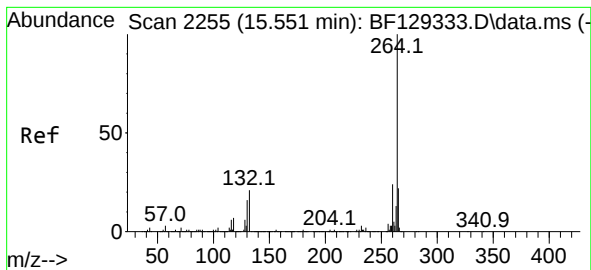
Tgt Ion:240 Resp: 470566
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 84.629 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:244 Resp: 2110880
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:264 Resp: 424632

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.0 17.2 25.8

