

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129383.D
 Acq On : 27 Jul 2022 18:51
 Operator : CG\JU
 Sample : N3861-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Quant Time: Jul 28 01:31:41 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)

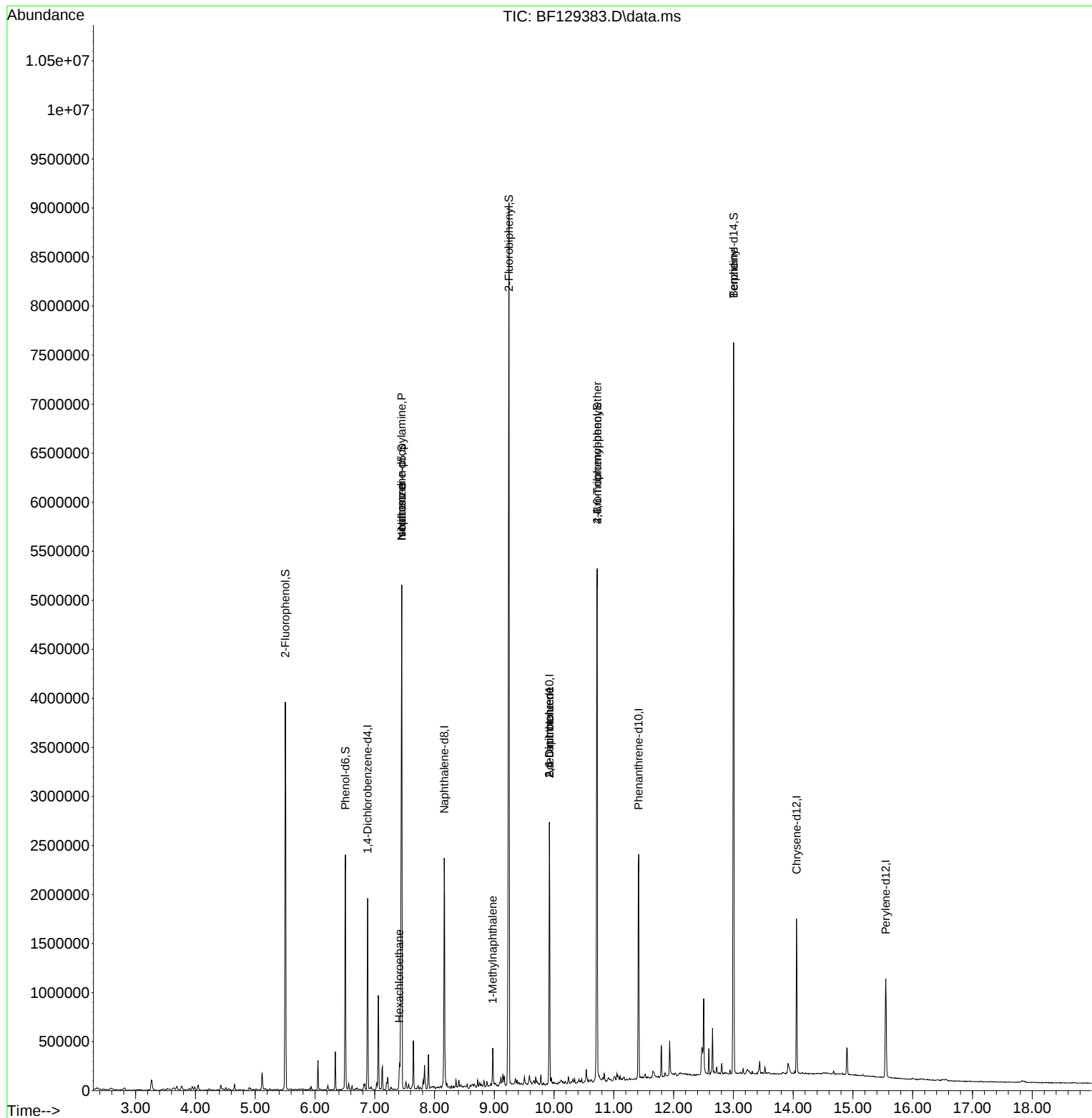
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	265332	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1050868	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	534842	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	846723	20.000	ng	0.00
76) Chrysene-d12	14.057	240	518488	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	452989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1048620	64.380	ng	0.00
7) Phenol-d6	6.510	99	820073	40.056	ng	0.00
23) Nitrobenzene-d5	7.451	82	1796060	93.298	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	717622	139.558	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2905888	84.048	ng	0.00
79) Terphenyl-d14	13.004	244	2785897	101.368	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.410	117	24906	3.408	ng	# 1
19) n-Nitroso-di-n-propyla...	7.451	70	241587	19.492	ng	# 74
25) Isophorone	7.451	82	1787856	51.811	ng	# 65
38) 1-Methylnaphthalene	8.975	142	77356	2.310	ng	# 99
51) 2,6-Dinitrotoluene	9.922	165	70605	8.544	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	70605	6.540	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	45140	4.868	ng	# 1
77) Benzidine	13.004	184	40221	2.196	ng	# 92

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

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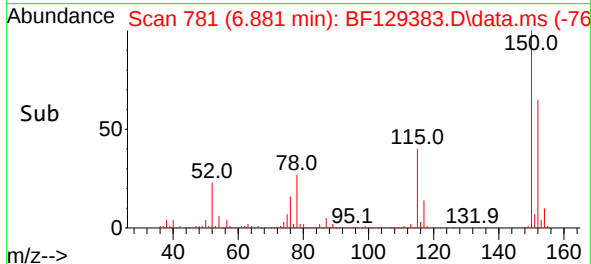
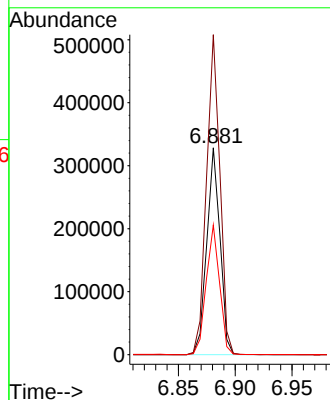
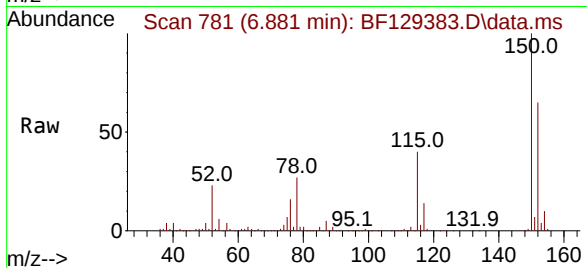




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

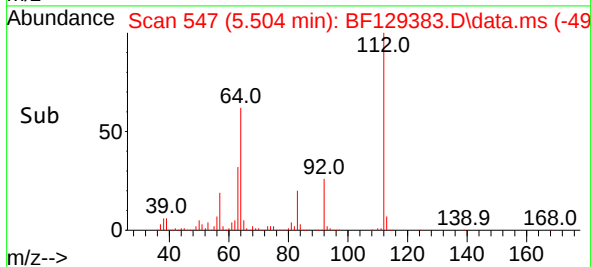
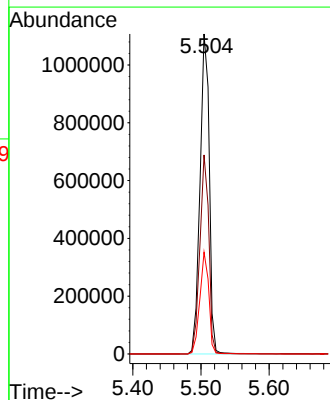
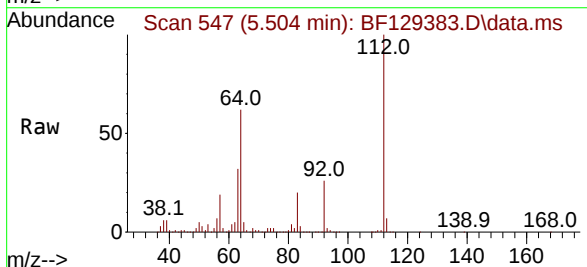
Instrument :
BNA_F
ClientSampleId :
MW-21RR

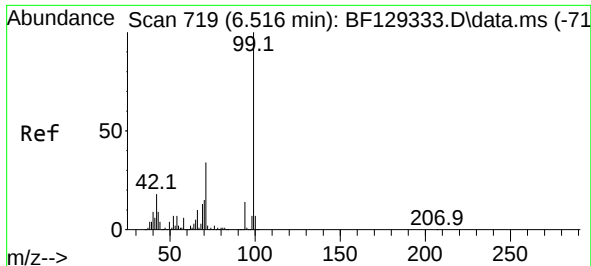
Tgt Ion:152 Resp: 265332
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 64.380 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion:112 Resp: 1048620
Ion Ratio Lower Upper
112 100
64 62.2 53.3 79.9
63 31.8 28.0 42.0





#7

Phenol-d6

Concen: 40.056 ng

RT: 6.510 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF129383.D

Acq: 27 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

MW-21RR

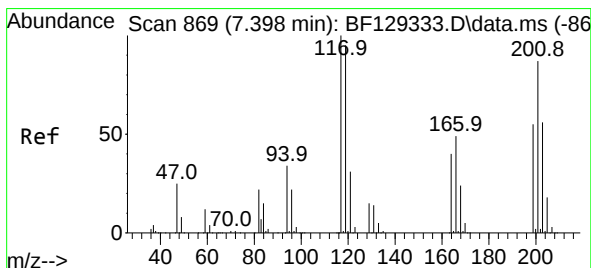
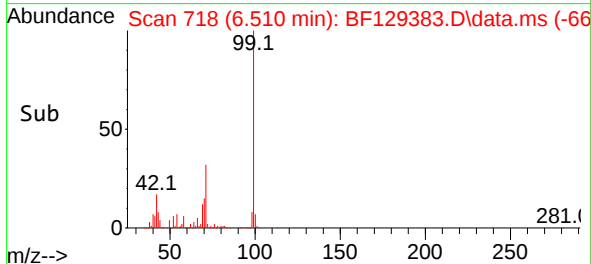
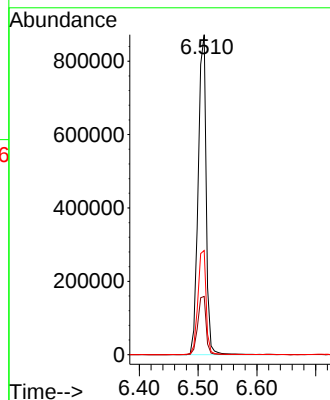
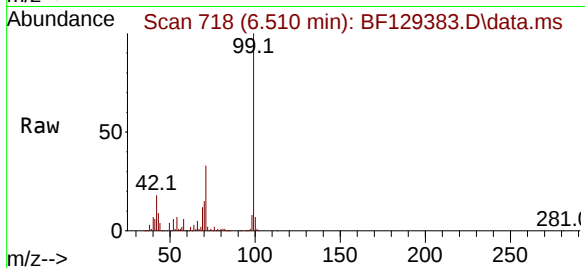
Tgt Ion: 99 Resp: 820073

Ion Ratio Lower Upper

99 100

42 18.2 17.3 25.9

71 32.5 28.9 43.3



#18

Hexachloroethane

Concen: 3.408 ng

RT: 7.410 min Scan# 871

Delta R.T. 0.012 min

Lab File: BF129383.D

Acq: 27 Jul 2022 18:51

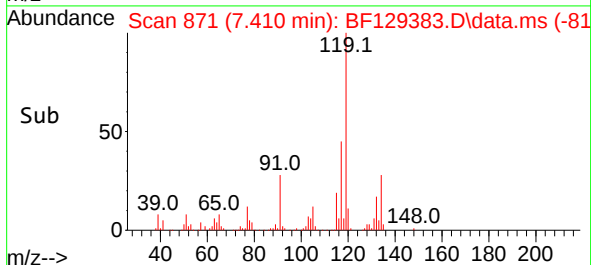
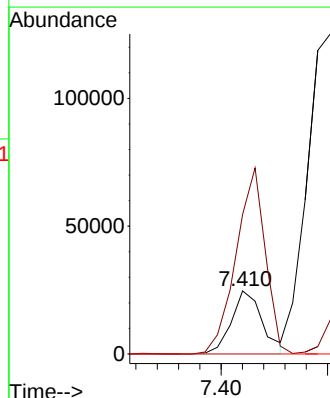
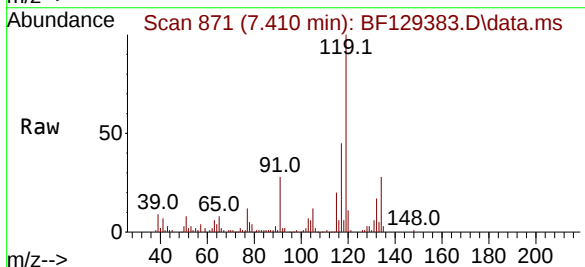
Tgt Ion: 117 Resp: 24906

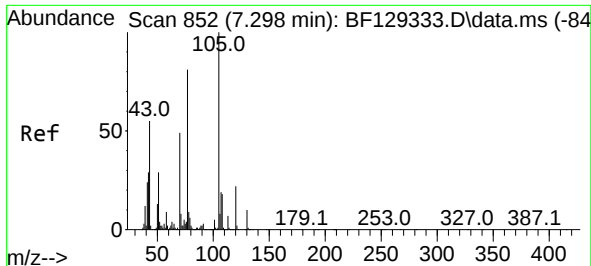
Ion Ratio Lower Upper

117 100

119 221.5 77.4 116.2#

201 0.0 84.6 127.0#

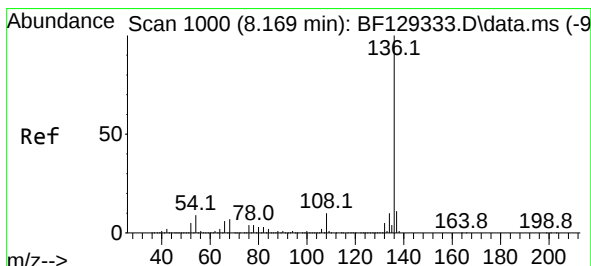
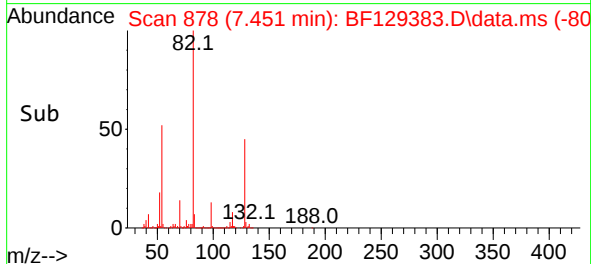
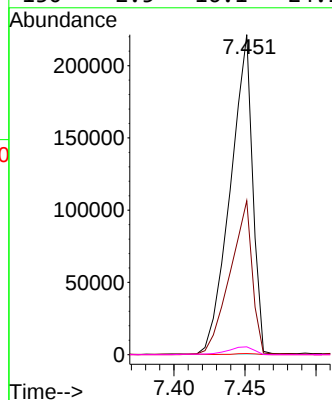
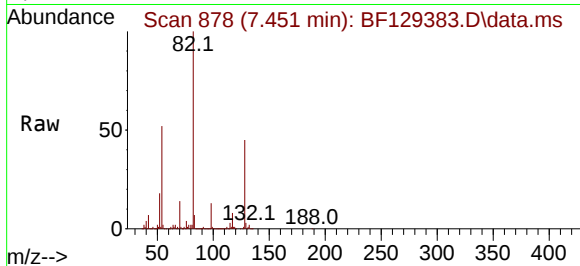




#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

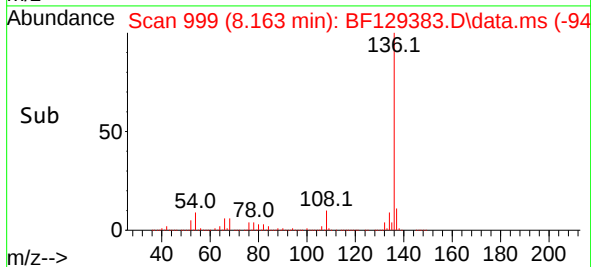
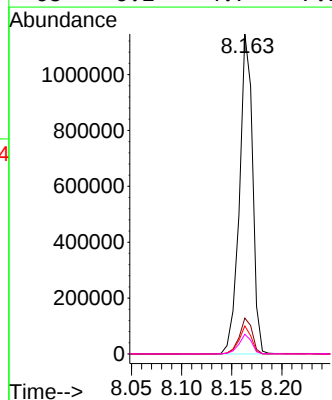
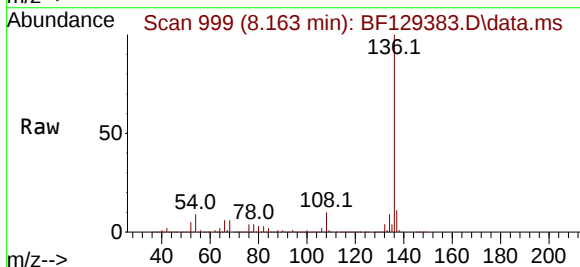
Instrument :
BNA_F
ClientSampleId :
MW-21RR

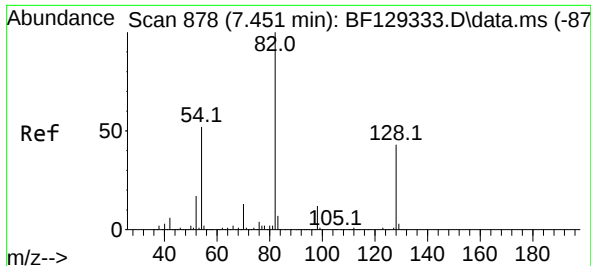
Tgt Ion: 70 Resp: 241587
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.3 7.5 11.3#
130 2.5 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion: 136 Resp: 1050868
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 7.5 11.3
68 6.2 4.7 7.1

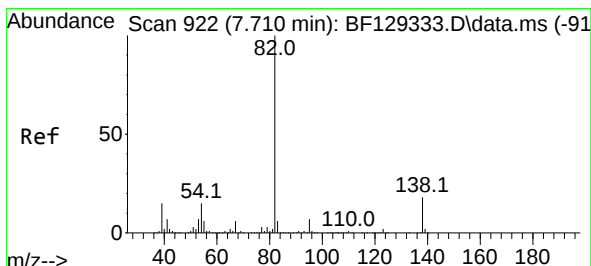
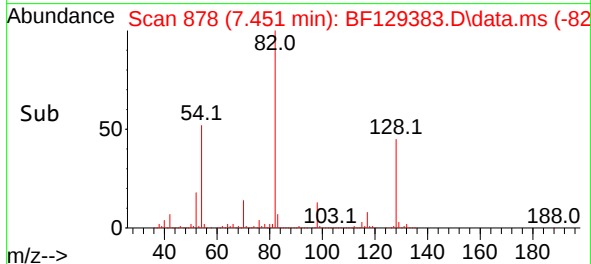
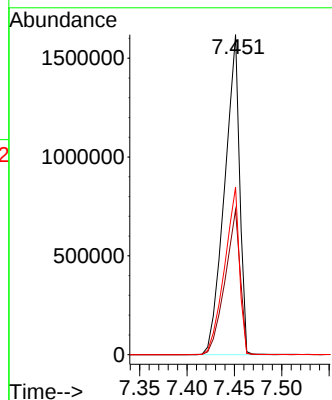
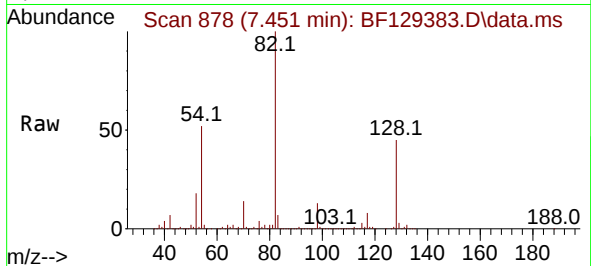




#23
Nitrobenzene-d5
Concen: 93.298 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

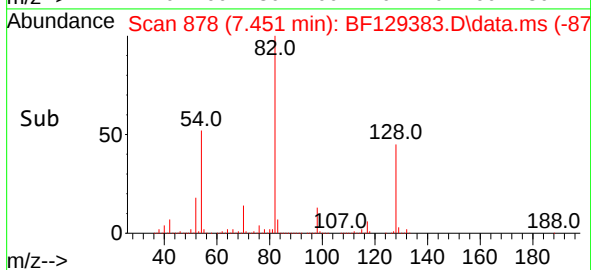
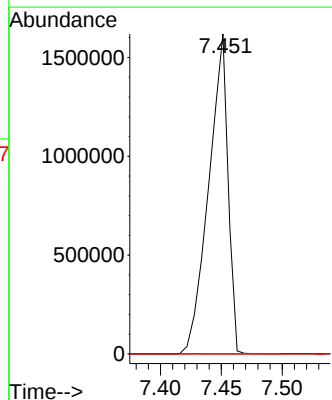
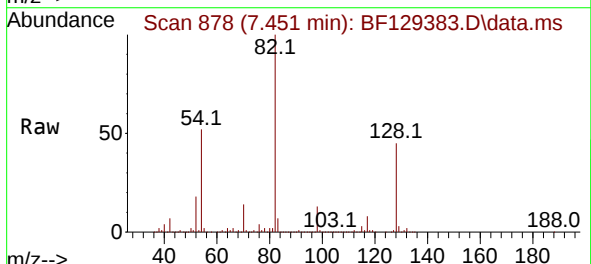
Instrument :
BNA_F
ClientSampleId :
MW-21RR

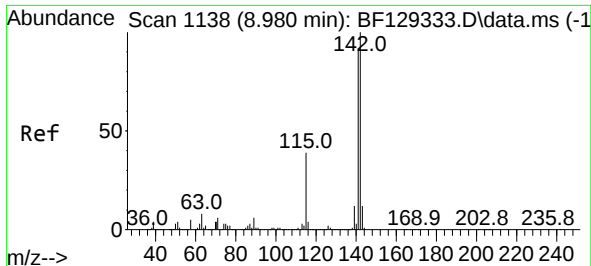
Tgt Ion: 82 Resp: 1796060
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 52.4 46.9 70.3



#25
Isophorone
Concen: 51.811 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.259 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion: 82 Resp: 1787856
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

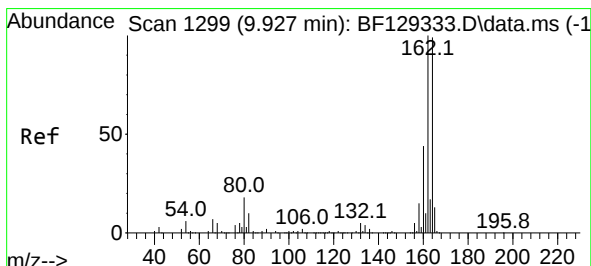
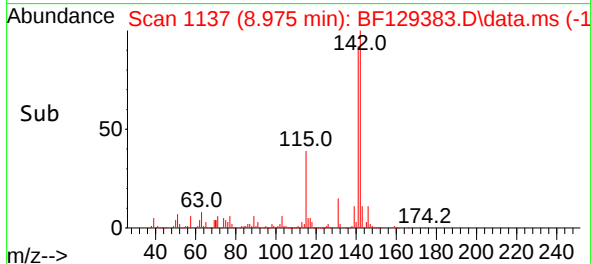
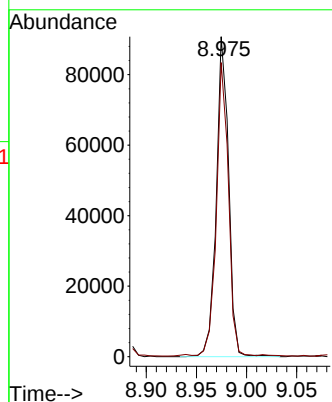
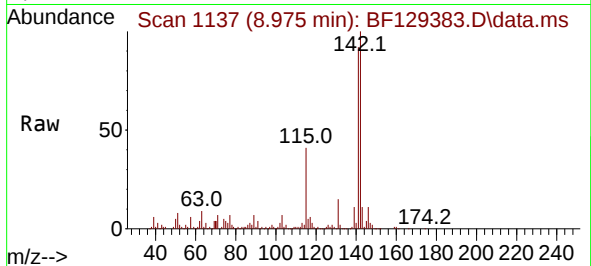




#38
1-Methylnaphthalene
Concen: 2.310 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

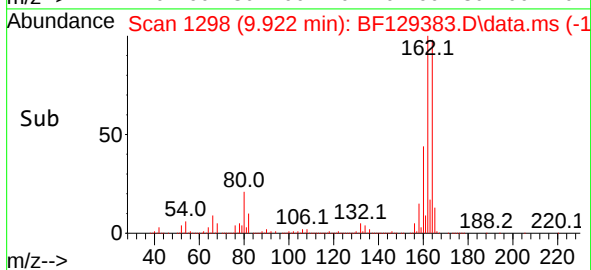
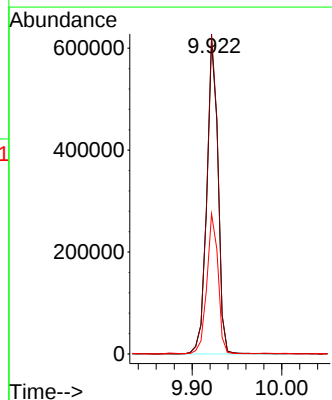
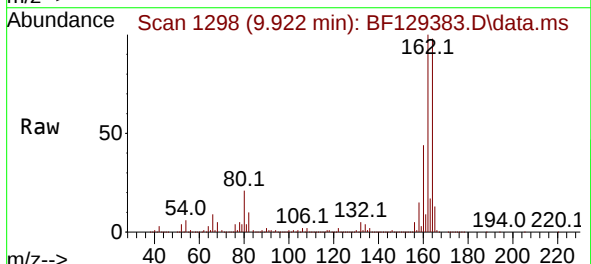
Instrument :
BNA_F
ClientSampleId :
MW-21RR

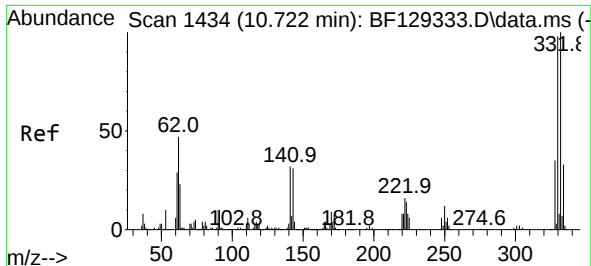
Tgt Ion:142 Resp: 77356
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion:164 Resp: 534842
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 139.558 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129383.D

Acq: 27 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

MW-21RR

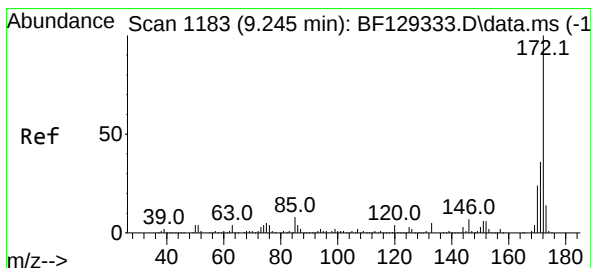
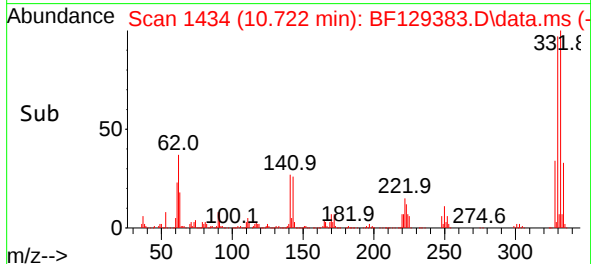
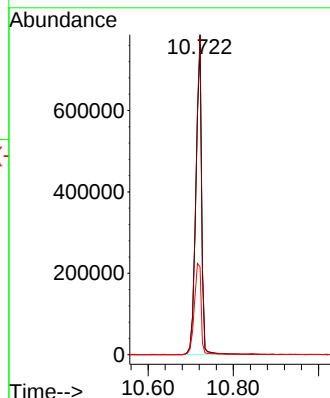
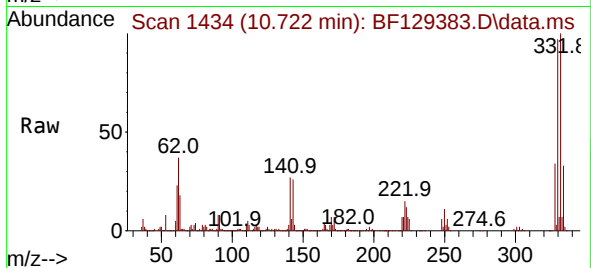
Tgt Ion:330 Resp: 717622

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.048 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129383.D

Acq: 27 Jul 2022 18:51

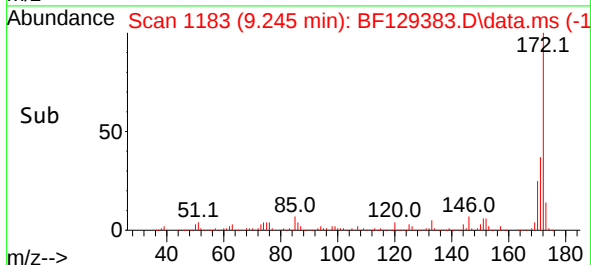
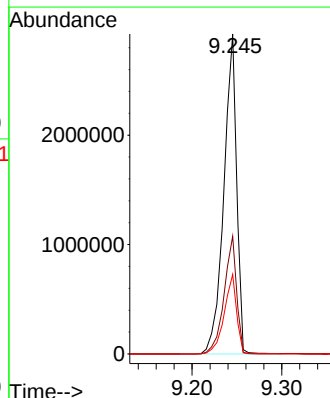
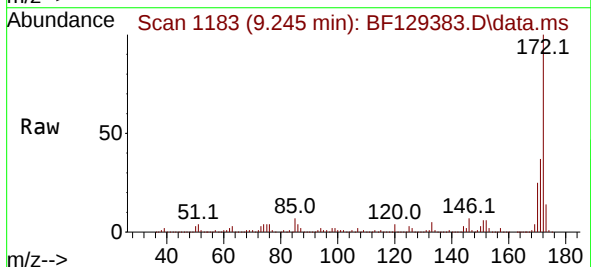
Tgt Ion:172 Resp: 2905888

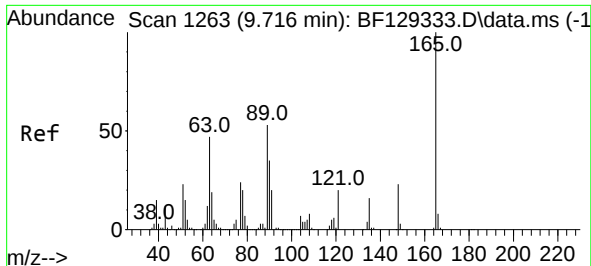
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.9 19.8 29.8

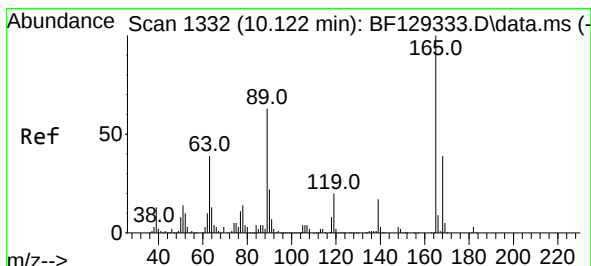
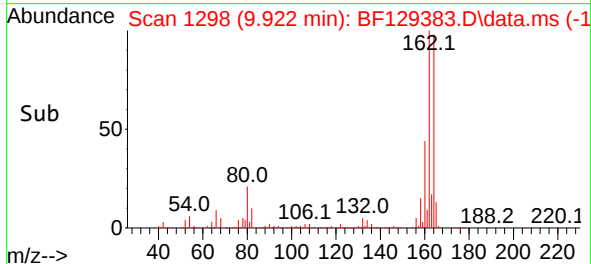
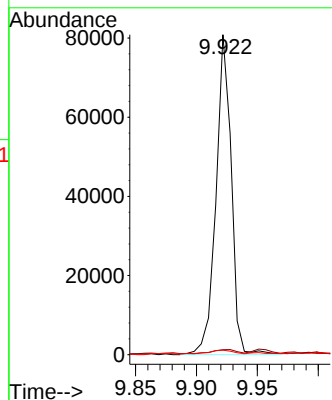
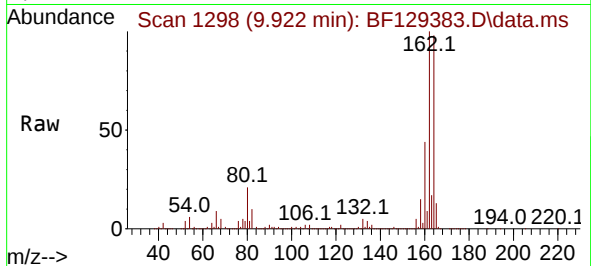




#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

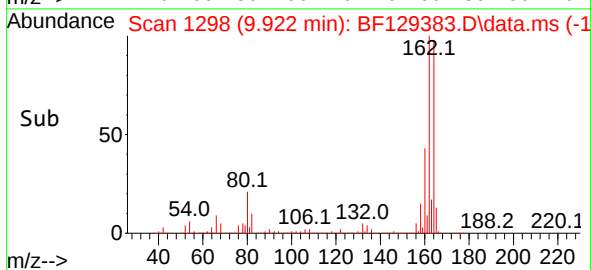
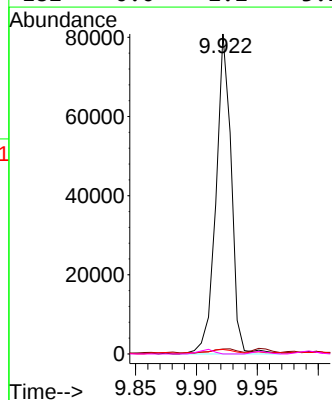
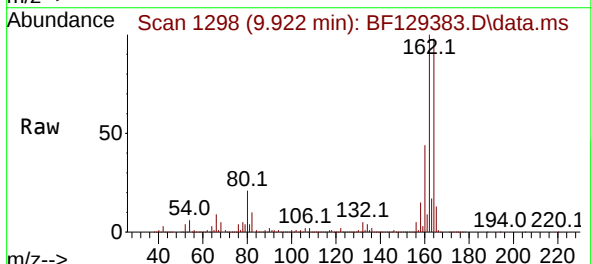
Instrument :
BNA_F
ClientSampleId :
MW-21RR

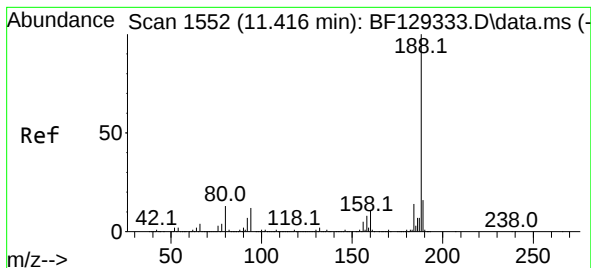
Tgt Ion:165 Resp: 70605
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion:165 Resp: 70605
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

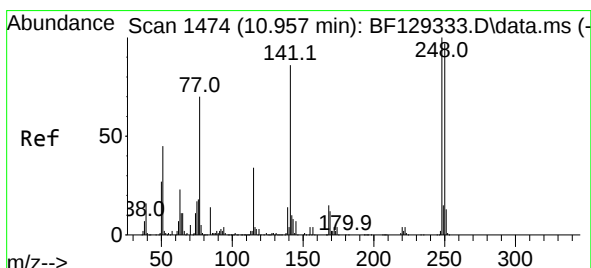
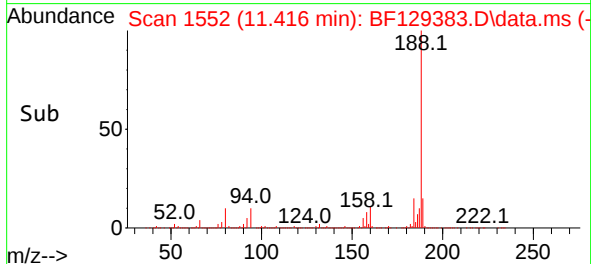
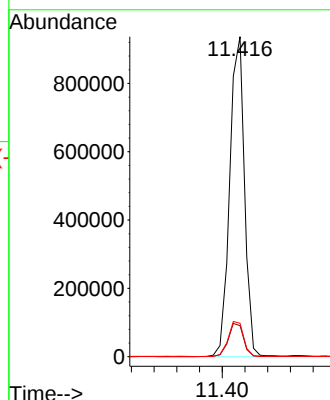
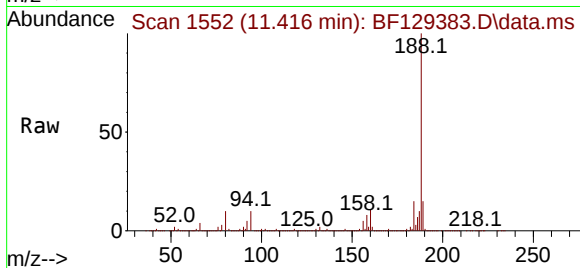




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

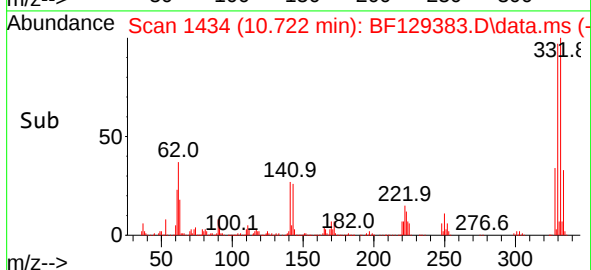
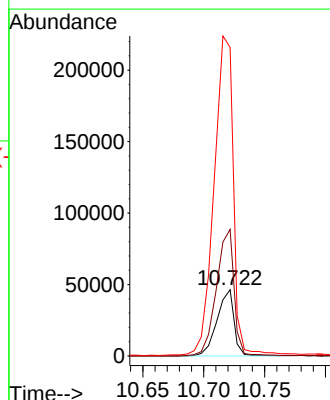
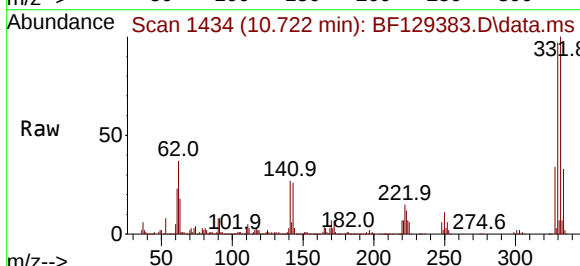
Instrument :
BNA_F
ClientSampleId :
MW-21RR

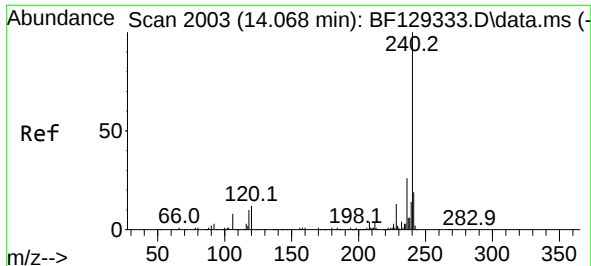
Tgt Ion:188 Resp: 846723
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.868 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion:248 Resp: 45140
Ion Ratio Lower Upper
248 100
250 191.2 80.6 120.8#
141 466.1 58.9 88.3#

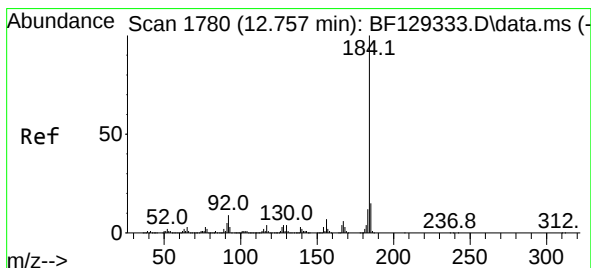
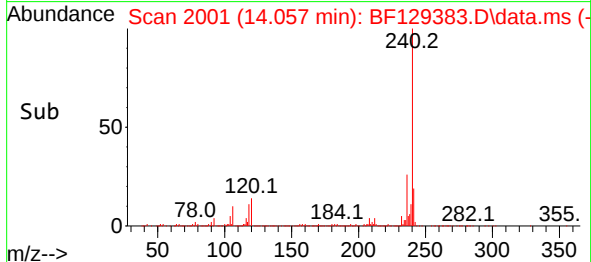
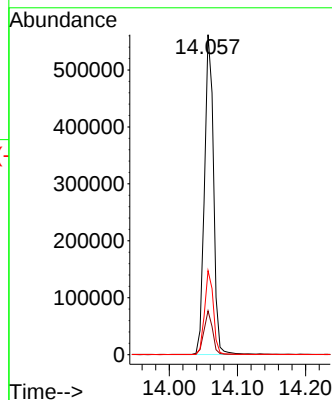
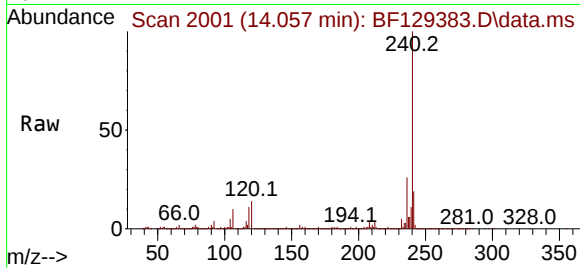




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

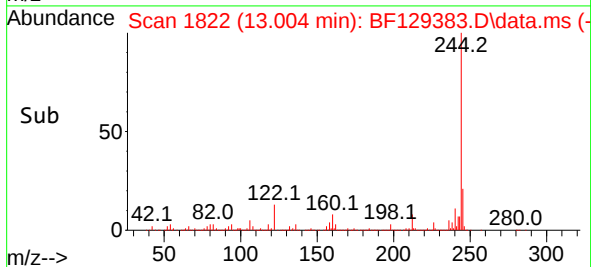
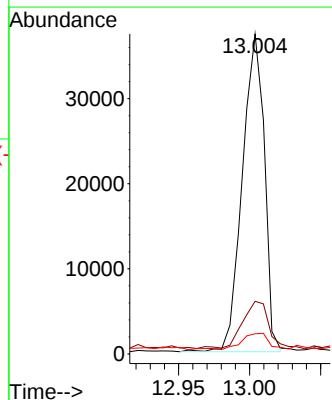
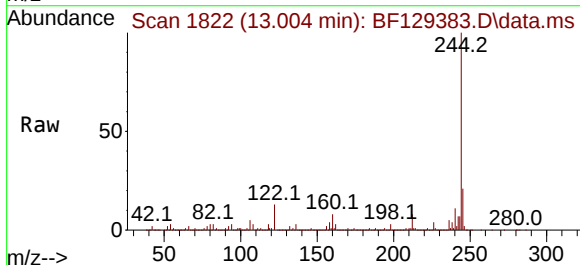
Instrument :
BNA_F
ClientSampleId :
MW-21RR

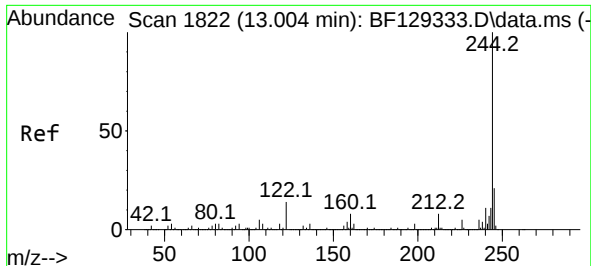
Tgt Ion:240 Resp: 518488
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.196 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129383.D
Acq: 27 Jul 2022 18:51

Tgt Ion:184 Resp: 40221
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.3 9.3 13.9#

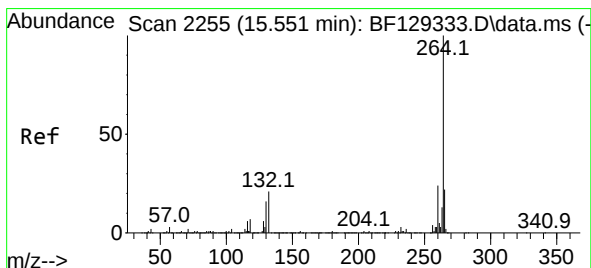
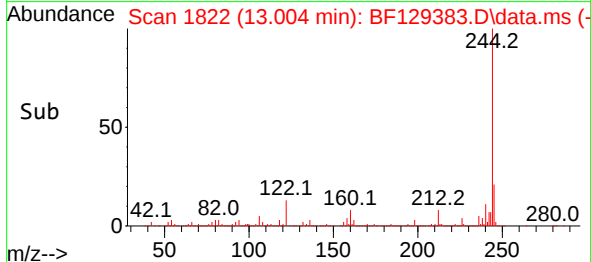
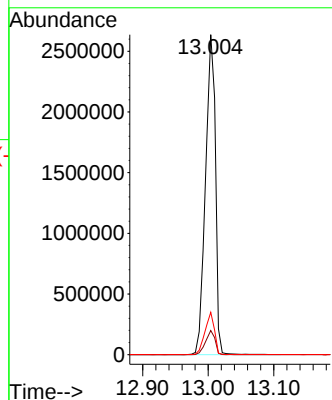
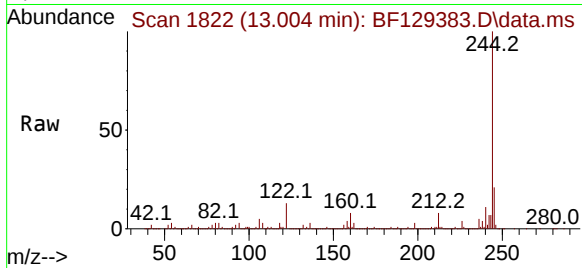




#79
 Terphenyl-d14
 Concen: 101.368 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129383.D
 Acq: 27 Jul 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Tgt Ion:244 Resp: 2785897
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129383.D
 Acq: 27 Jul 2022 18:51

Tgt Ion:264 Resp: 452989
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 20.7 17.2 25.8

