

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129381.D
 Acq On : 27 Jul 2022 17:44
 Operator : CG\JU
 Sample : N3861-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Quant Time: Jul 28 01:31:26 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)

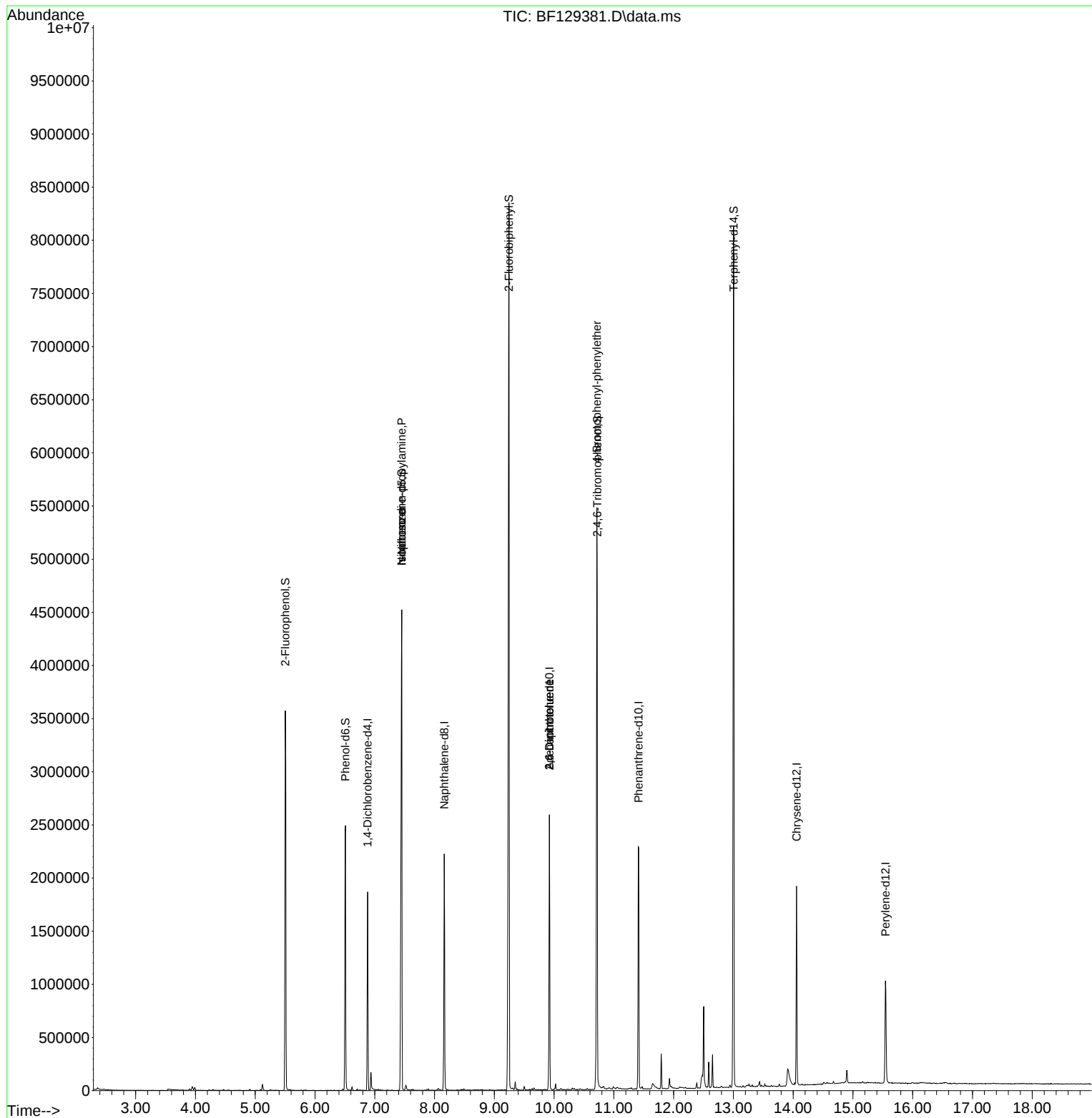
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	247054	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	994829	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	529751	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	886021	20.000	ng	0.00
76) Chrysene-d12	14.057	240	593288	20.000	ng	-0.01
86) Perylene-d12	15.545	264	443650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	984233	64.897	ng	0.00
7) Phenol-d6	6.510	99	875589	45.932	ng	0.00
23) Nitrobenzene-d5	7.451	82	1738688	95.406	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	732783	143.876	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2868467	83.763	ng	0.00
79) Terphenyl-d14	13.004	244	2890409	91.911	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	232548	20.151	ng	# 74
25) Isophorone	7.451	82	1731754	53.013	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	68664	8.389	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	68664	6.422	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	45303	4.669	ng	# 1

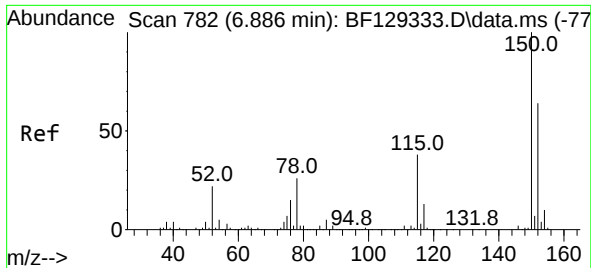
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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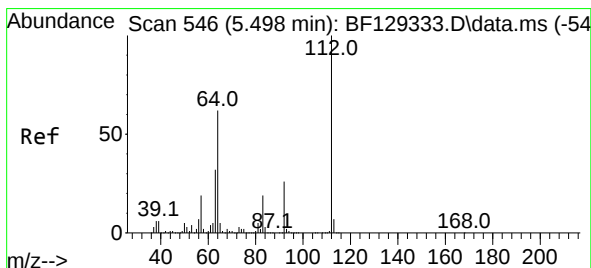
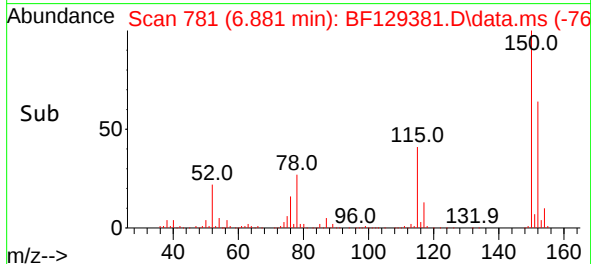
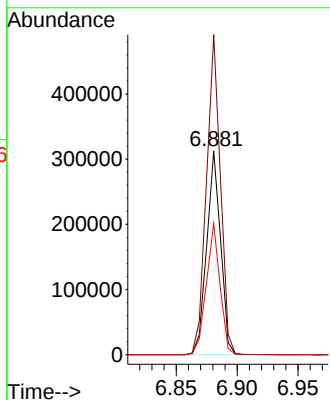
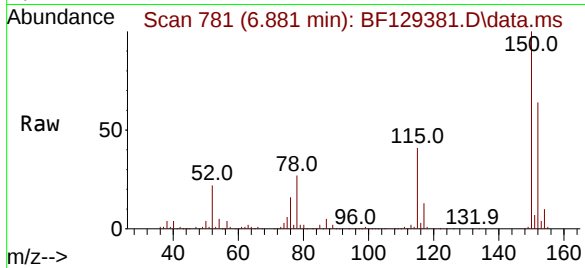




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 782
 Delta R.T. -0.005 min
 Lab File: BF129381.D
 Acq: 27 Jul 2022 17:44

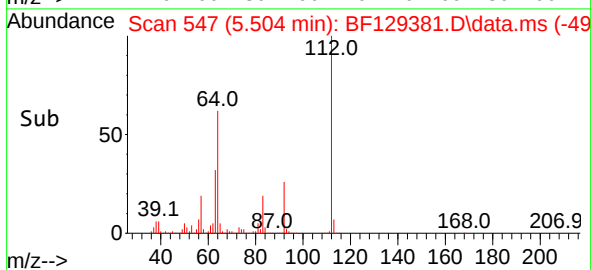
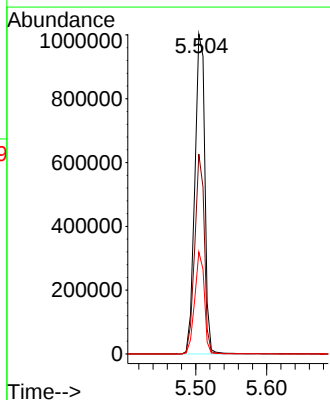
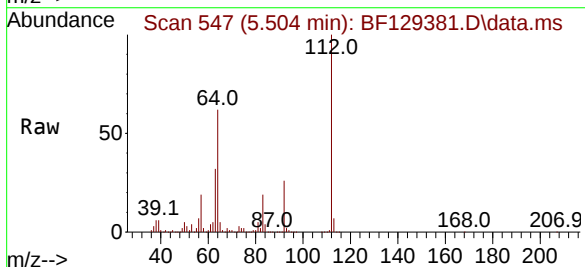
Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Tgt Ion:152 Resp: 247054
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 64.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 64.897 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129381.D
 Acq: 27 Jul 2022 17:44

Tgt Ion:112 Resp: 984233
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.3 79.9
 63 31.9 28.0 42.0

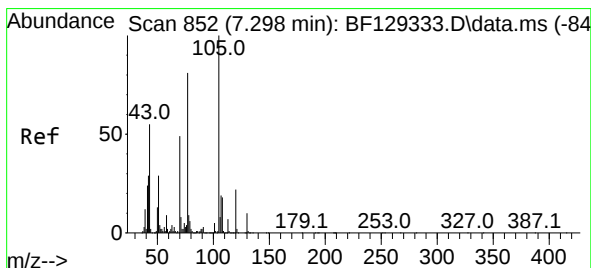
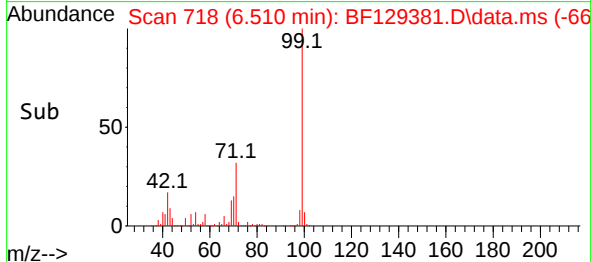
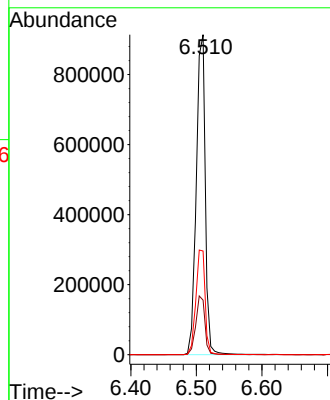
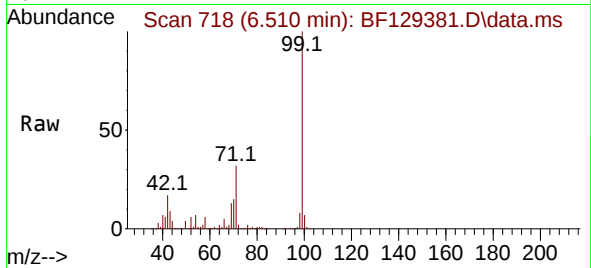




#7
Phenol-d6
Concen: 45.932 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

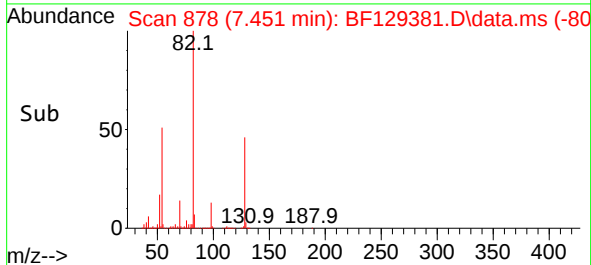
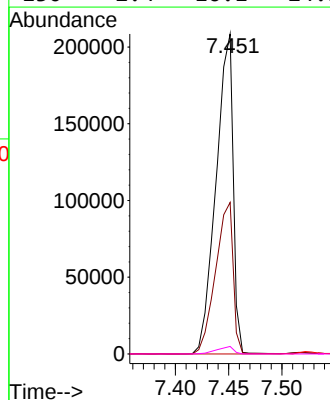
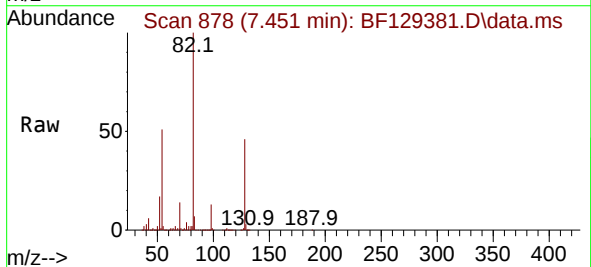
Instrument :
BNA_F
ClientSampleId :
MW-19D

Tgt Ion: 99 Resp: 875589
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.151 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Tgt Ion: 70 Resp: 232548
Ion Ratio Lower Upper
70 100
42 47.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

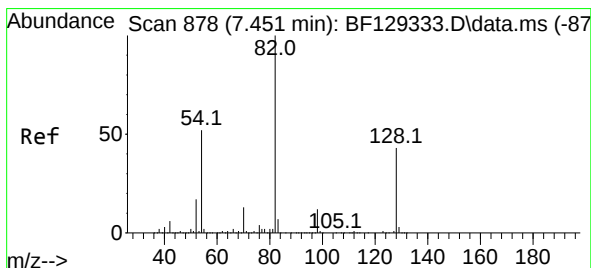
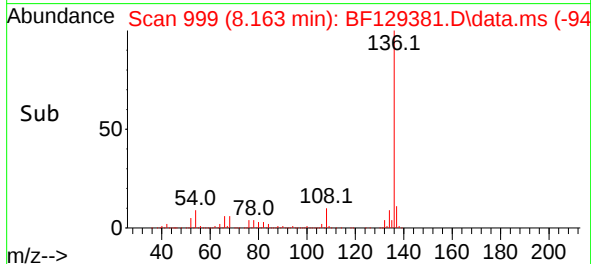
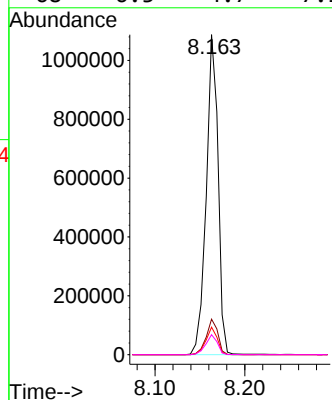
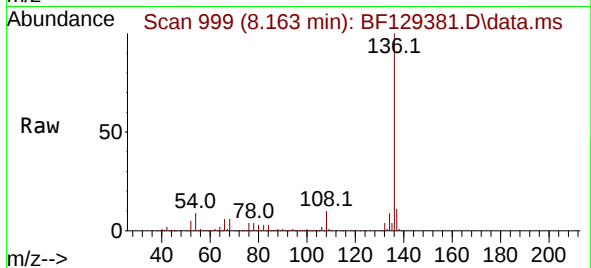




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

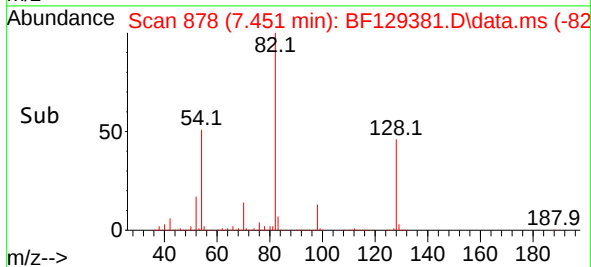
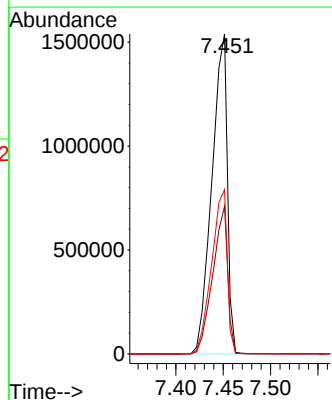
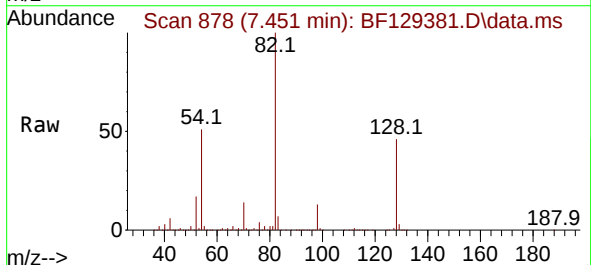
Instrument :
BNA_F
ClientSampleId :
MW-19D

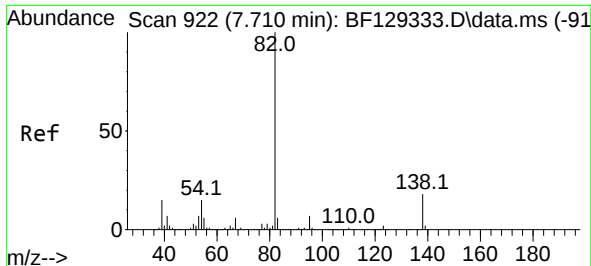
Tgt Ion:136 Resp: 994829
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 95.406 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Tgt Ion: 82 Resp: 1738688
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 51.4 46.9 70.3

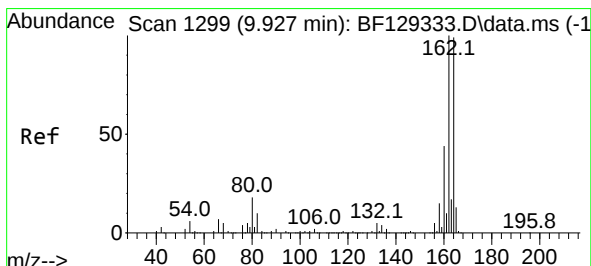
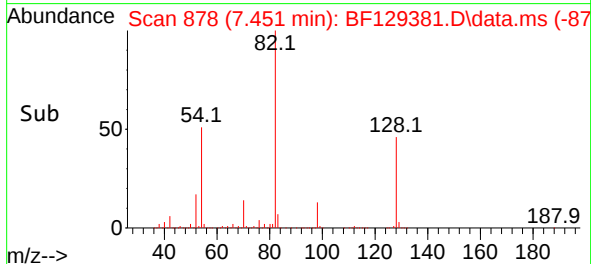
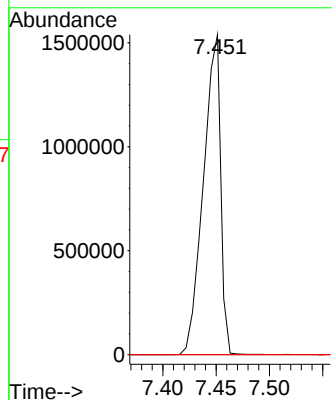
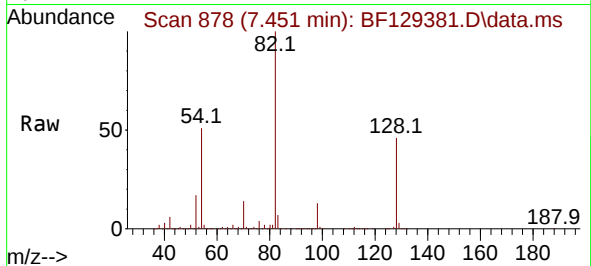




#25
Isophorone
Concen: 53.013 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

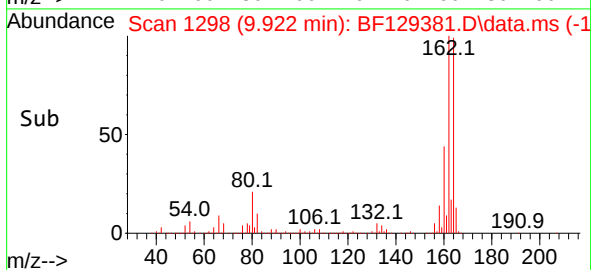
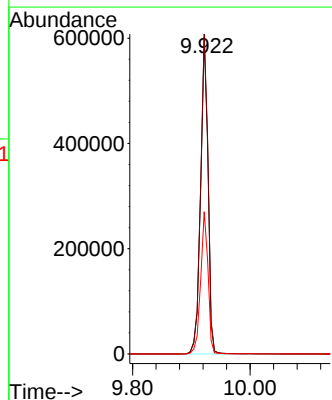
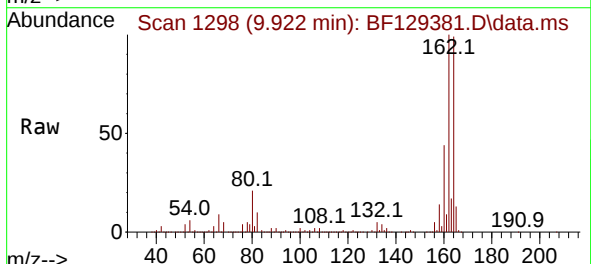
Instrument :
BNA_F
ClientSampleId :
MW-19D

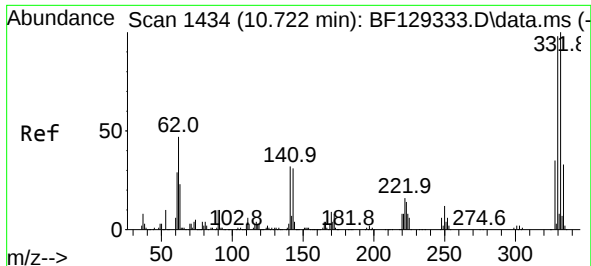
Tgt Ion: 82 Resp: 1731754
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Tgt Ion:164 Resp: 529751
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 143.876 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129381.D

Acq: 27 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

MW-19D

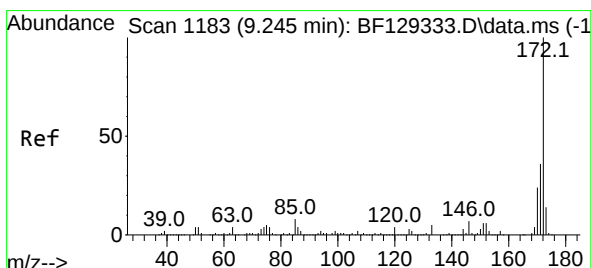
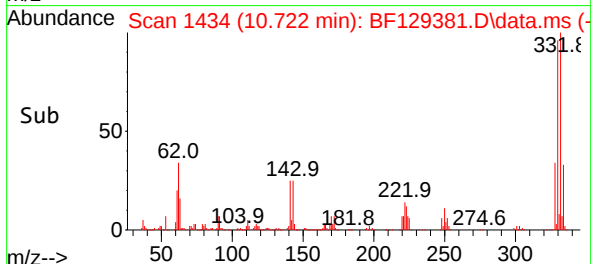
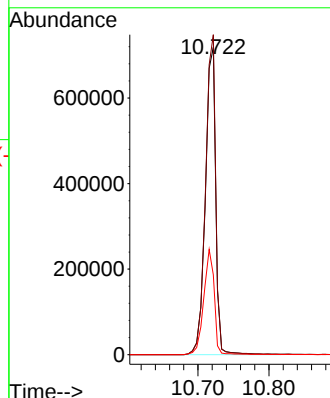
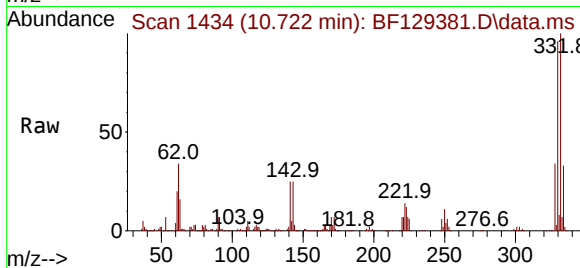
Tgt Ion:330 Resp: 732783

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.763 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129381.D

Acq: 27 Jul 2022 17:44

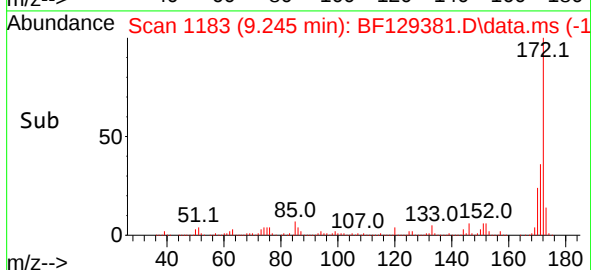
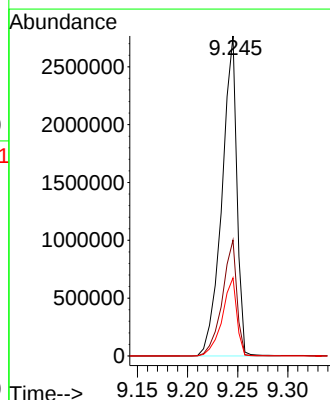
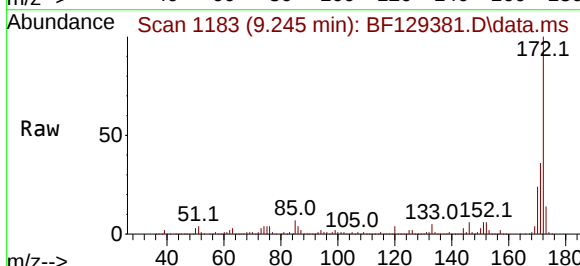
Tgt Ion:172 Resp: 2868467

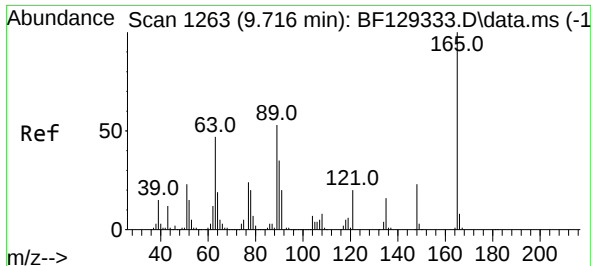
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.389 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129381.D

Acq: 27 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

MW-19D

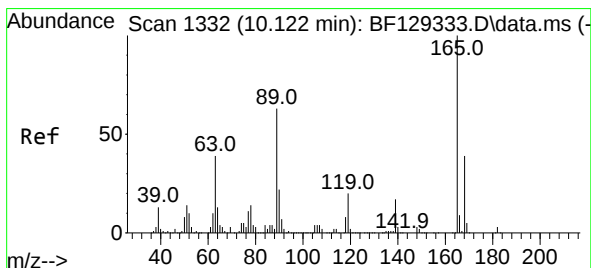
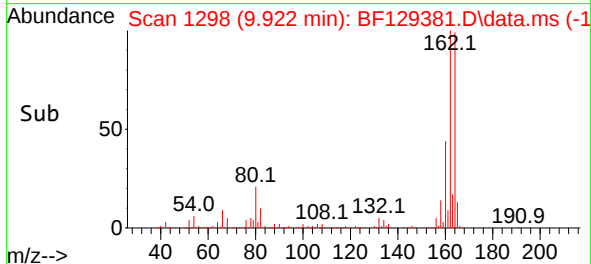
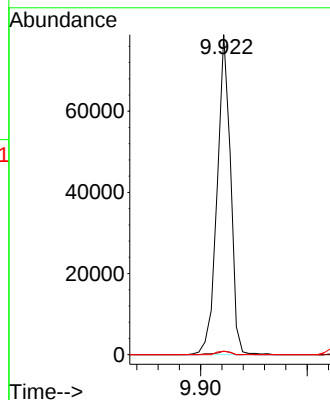
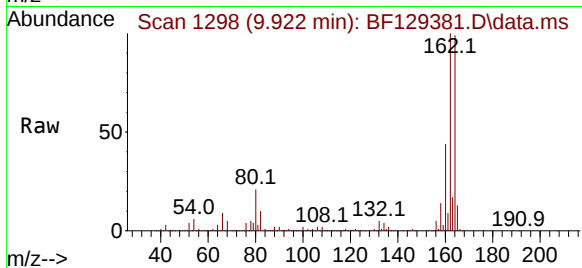
Tgt Ion:165 Resp: 68664

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.422 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129381.D

Acq: 27 Jul 2022 17:44

Tgt Ion:165 Resp: 68664

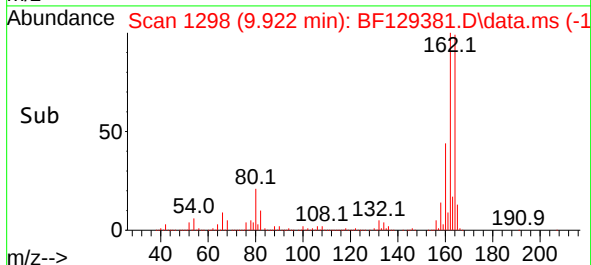
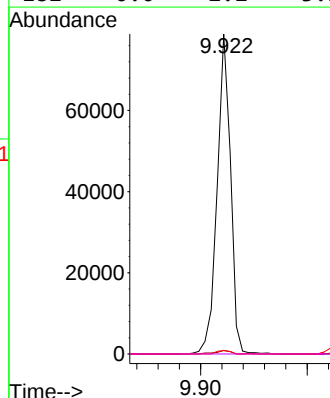
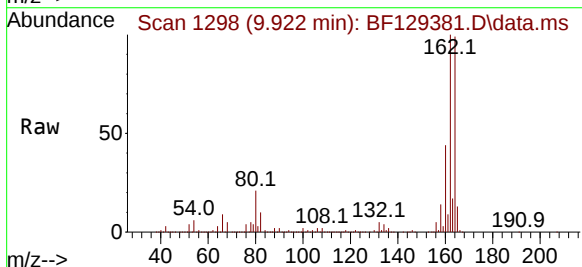
Ion Ratio Lower Upper

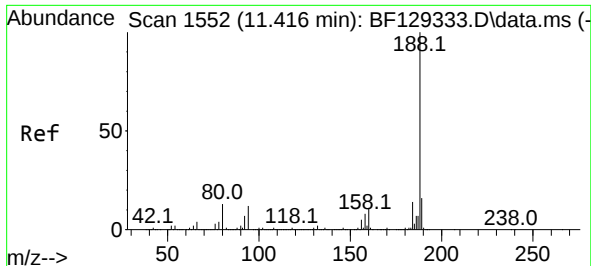
165 100

63 1.1 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

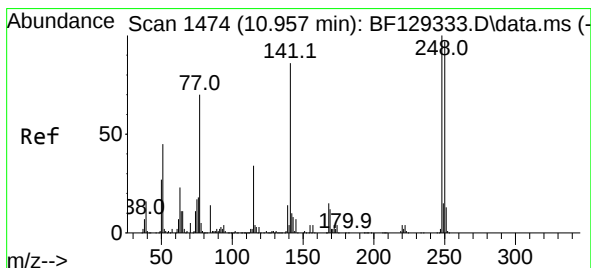
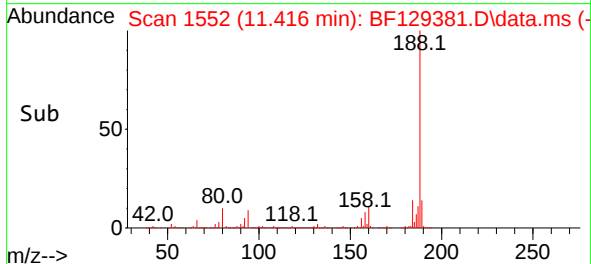
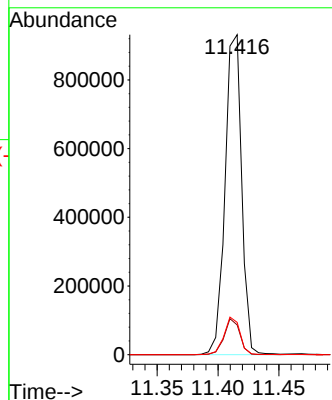
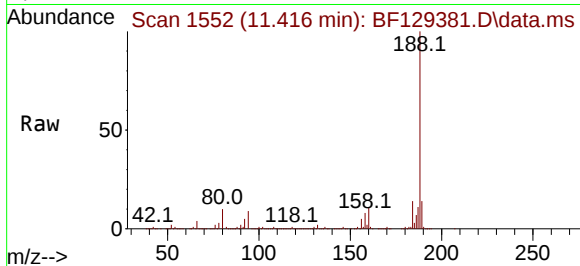




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

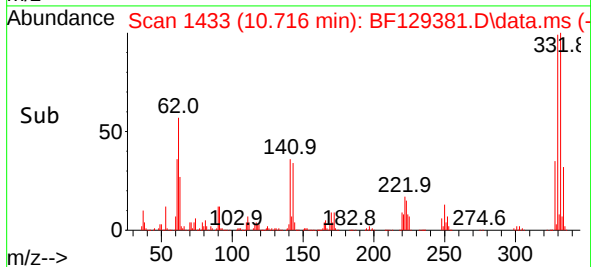
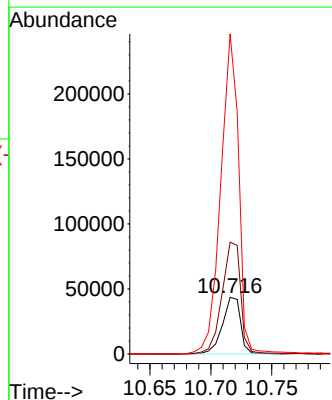
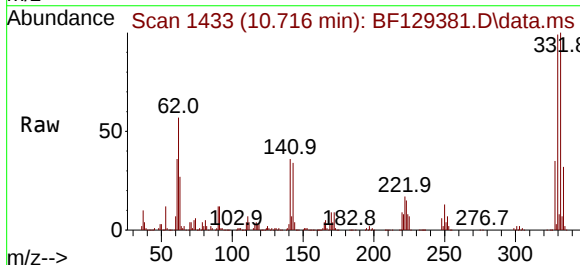
Instrument :
BNA_F
ClientSampleId :
MW-19D

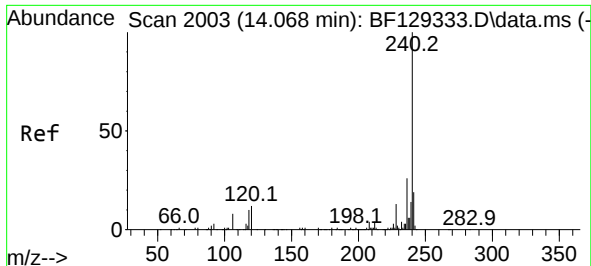
Tgt Ion:188 Resp: 886021
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.669 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Tgt Ion:248 Resp: 45303
Ion Ratio Lower Upper
248 100
250 197.6 80.6 120.8#
141 565.0 58.9 88.3#

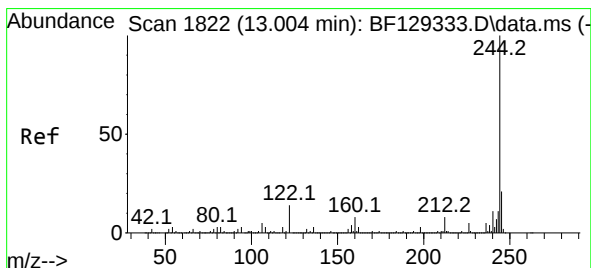
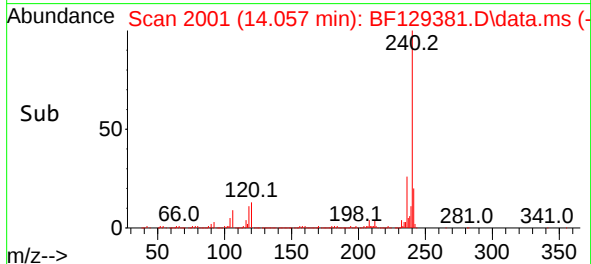
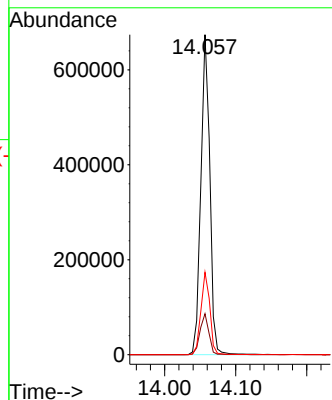
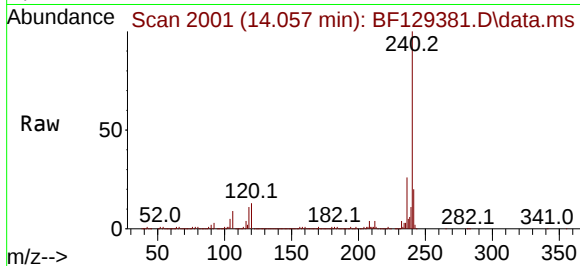




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

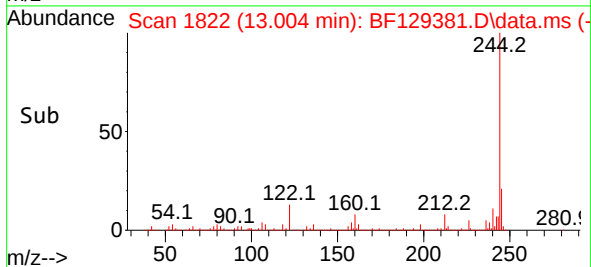
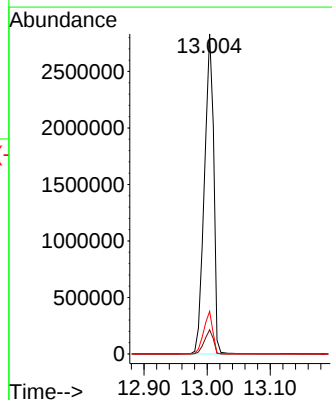
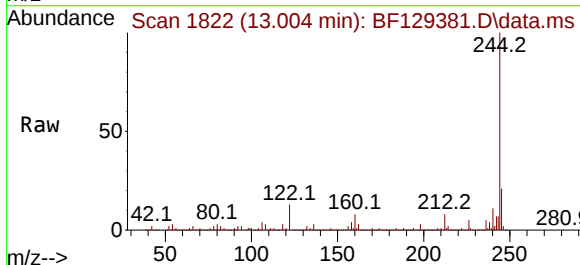
Instrument :
BNA_F
ClientSampleId :
MW-19D

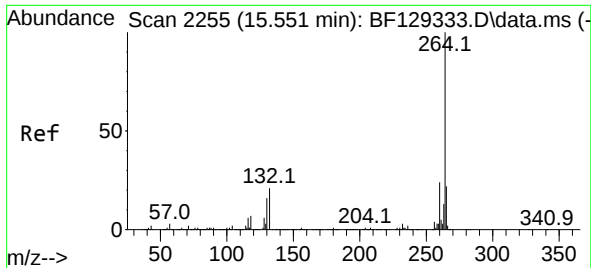
Tgt Ion:240 Resp: 593288
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 91.911 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Tgt Ion:244 Resp: 2890409
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.3 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129381.D
Acq: 27 Jul 2022 17:44

Instrument :
BNA_F
ClientSampleId :
MW-19D

Tgt Ion:264 Resp: 443650
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 21.6 17.2 25.8

