

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129393.D
 Acq On : 28 Jul 2022 00:21
 Operator : CG\JU
 Sample : N3887-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jul 28 01:33:03 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)

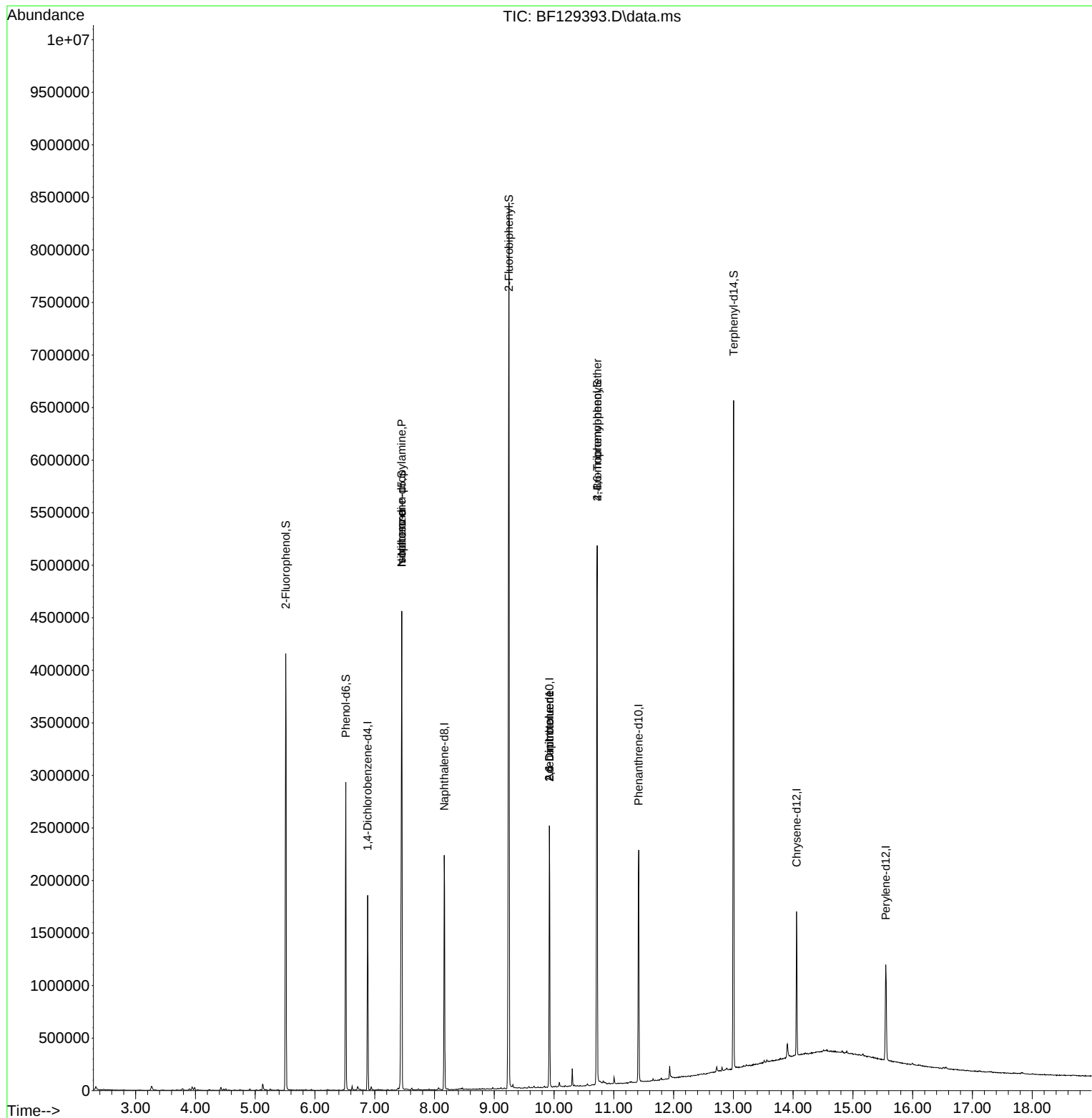
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	253325	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	994092	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	507896	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	784785	20.000	ng	0.00
76) Chrysene-d12	14.057	240	450511	20.000	ng	-0.01
86) Perylene-d12	15.551	264	414293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1112411	71.533	ng	0.01
7) Phenol-d6	6.516	99	892090	45.639	ng	0.00
23) Nitrobenzene-d5	7.451	82	1690387	92.824	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	653463	133.823	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2735098	83.306	ng	0.00
79) Terphenyl-d14	13.004	244	2133988	89.364	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	227373	19.215	ng	# 75
25) Isophorone	7.451	82	1686008	51.651	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	65652	8.366	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	65652	6.404	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	41514	4.831	ng	# 1

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

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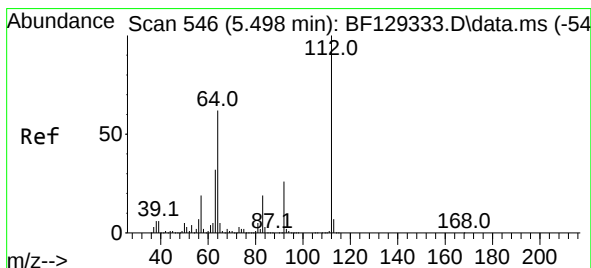
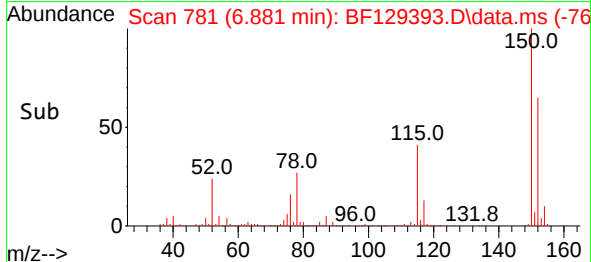
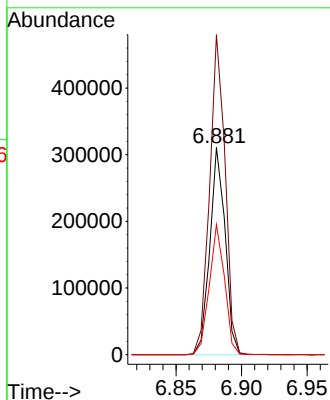
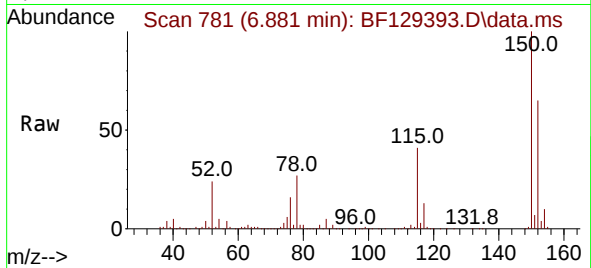




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

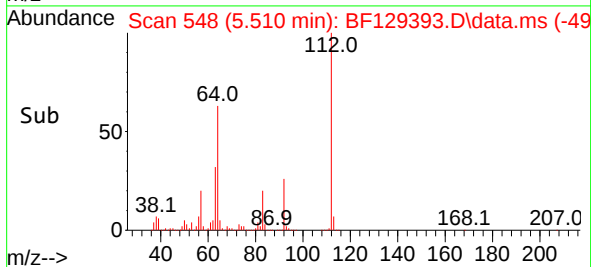
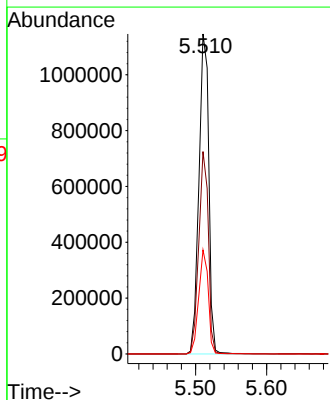
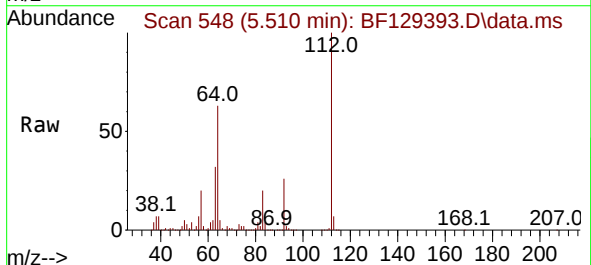
Instrument :
BNA_F
ClientSampleId :
MW-10

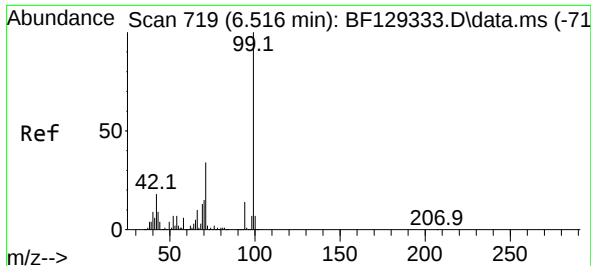
Tgt Ion:152 Resp: 253325
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 71.533 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion:112 Resp: 1112411
Ion Ratio Lower Upper
112 100
64 63.2 53.3 79.9
63 32.5 28.0 42.0

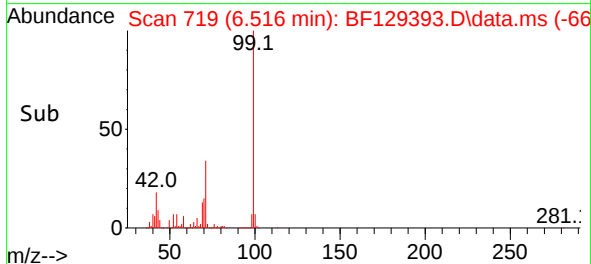
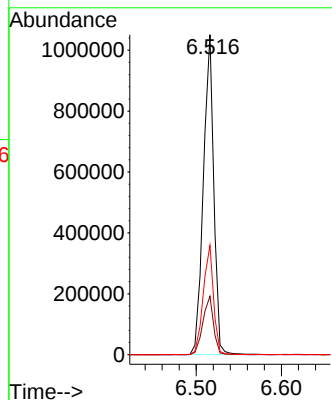
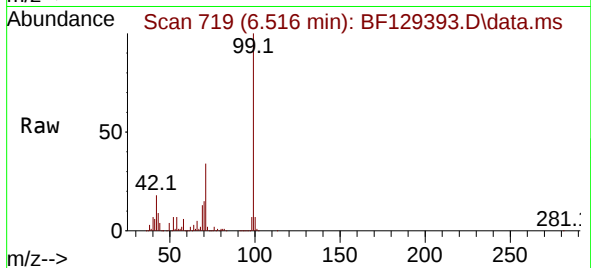




#7
Phenol-d6
Concen: 45.639 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

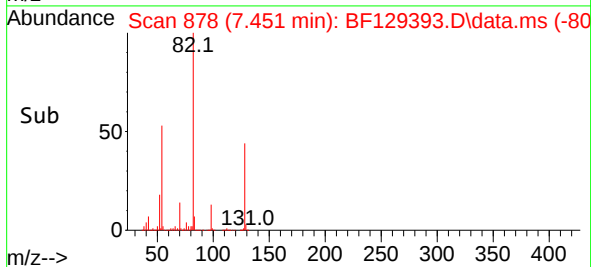
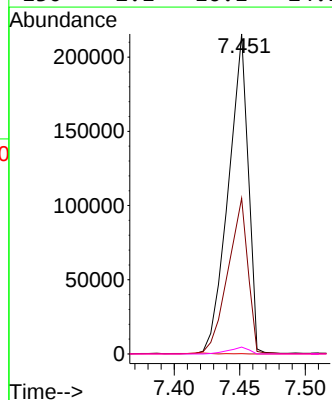
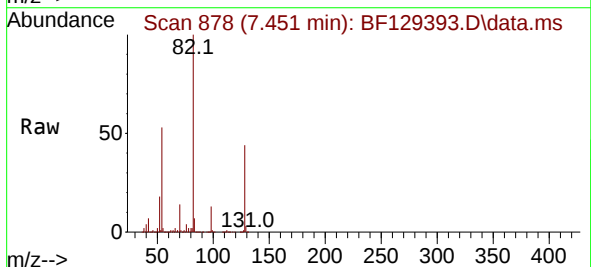
Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 99 Resp: 892090
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 34.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.215 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion: 70 Resp: 227373
Ion Ratio Lower Upper
70 100
42 48.6 52.3 78.5#
101 0.1 7.5 11.3#
130 2.1 16.1 24.1#

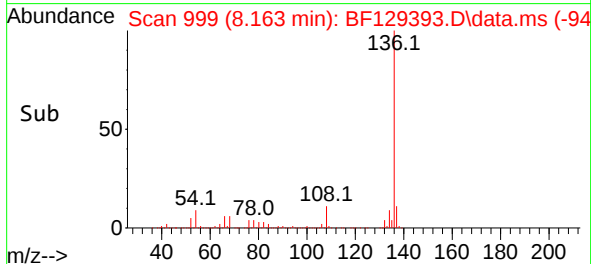
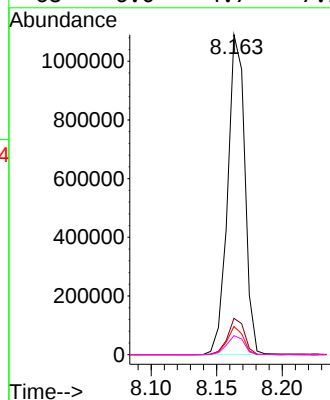
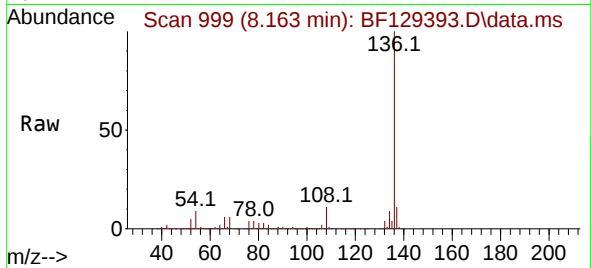




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

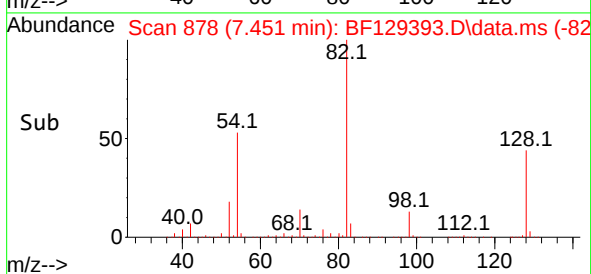
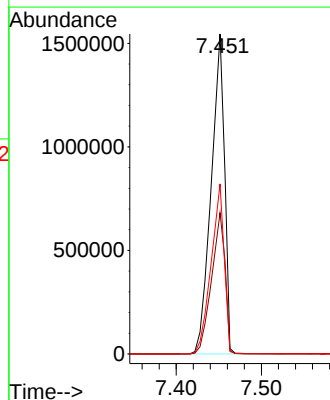
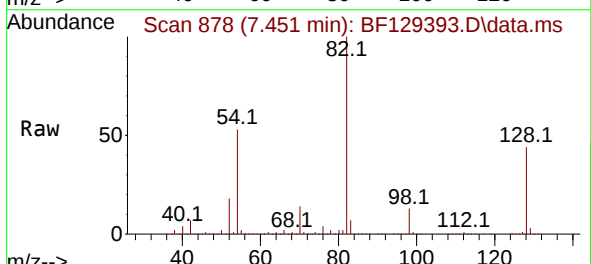
Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:136 Resp: 994092
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.824 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion: 82 Resp: 1690387
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 53.1 46.9 70.3

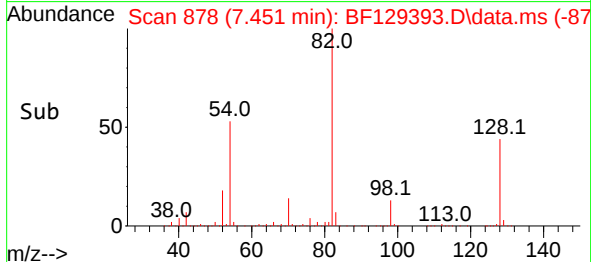
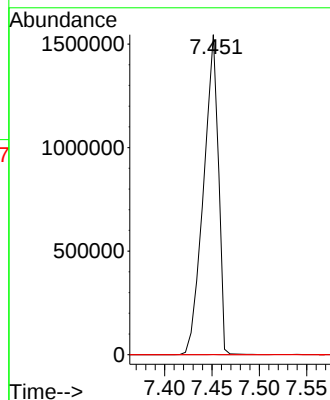
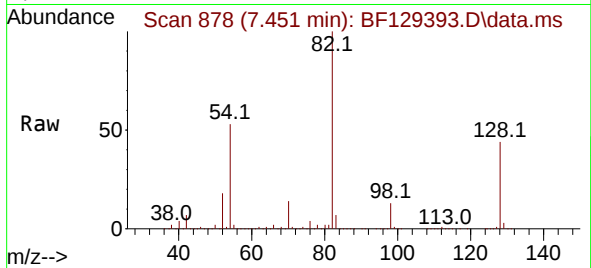




#25
Isophorone
Concen: 51.651 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

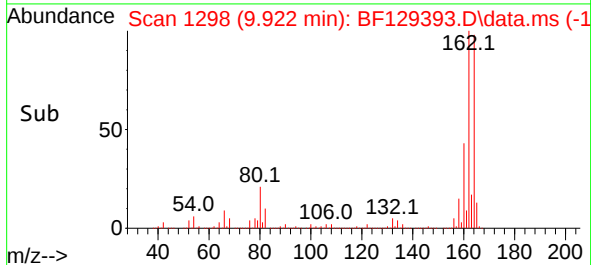
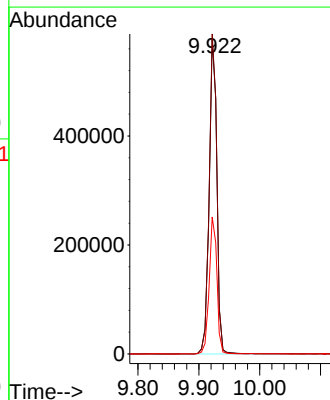
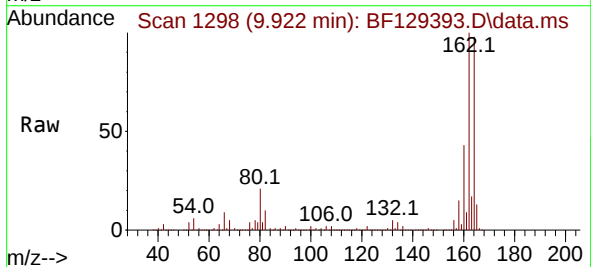
Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 82 Resp: 1686008
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: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion: 164 Resp: 507896
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 43.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.823 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129393.D

Acq: 28 Jul 2022 00:21

Instrument :

BNA_F

ClientSampleId :

MW-10

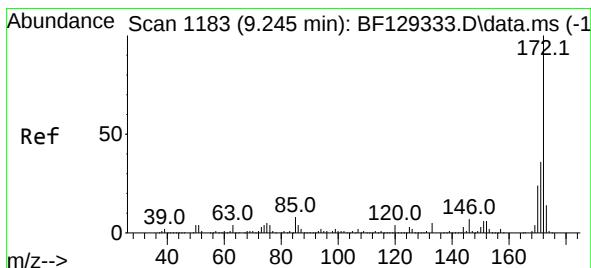
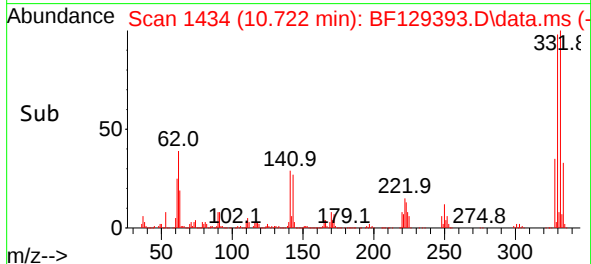
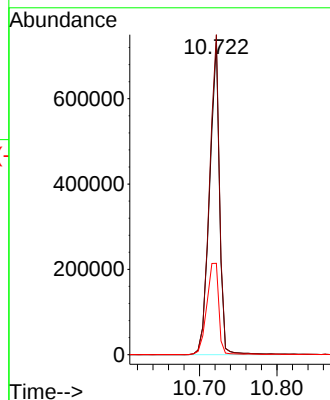
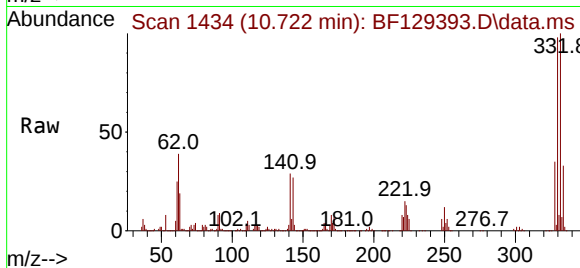
Tgt Ion:330 Resp: 653463

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.306 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129393.D

Acq: 28 Jul 2022 00:21

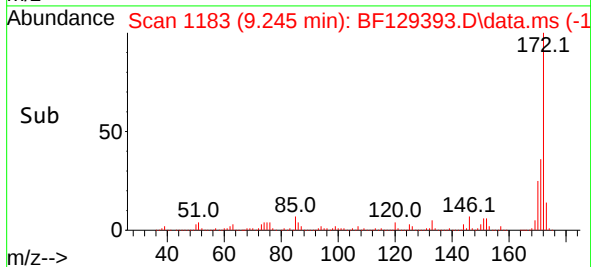
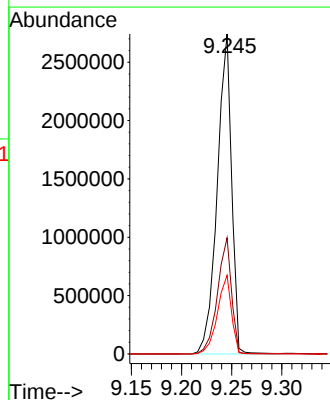
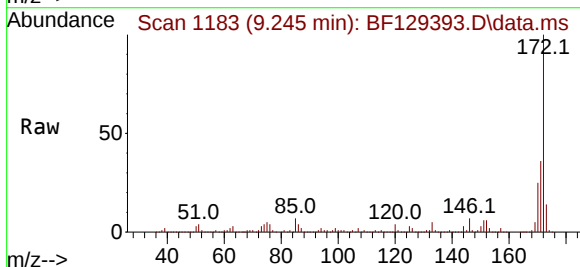
Tgt Ion:172 Resp: 2735098

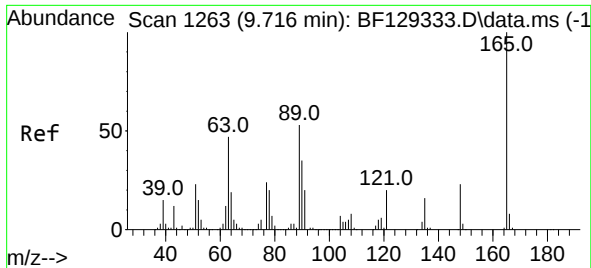
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.8 29.8

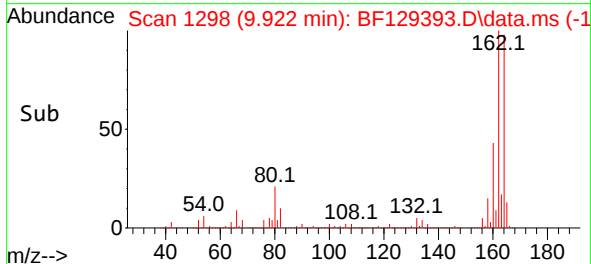
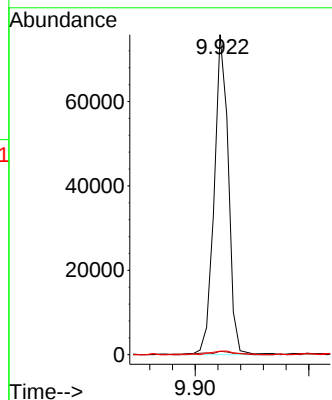
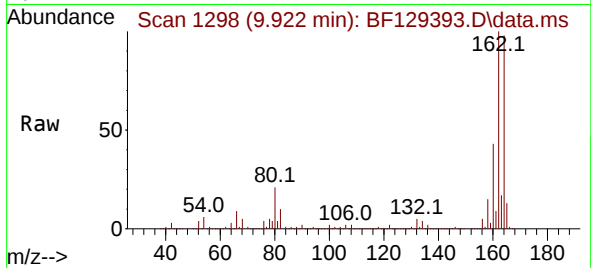




#51
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

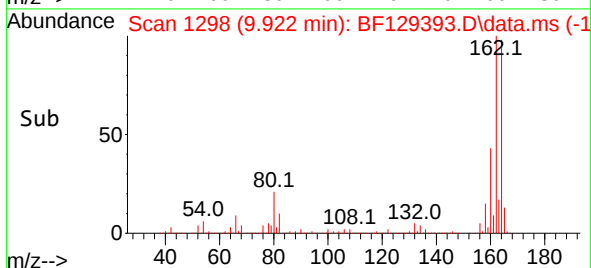
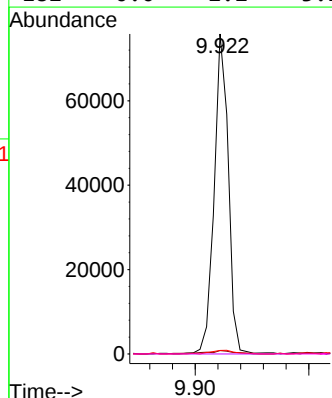
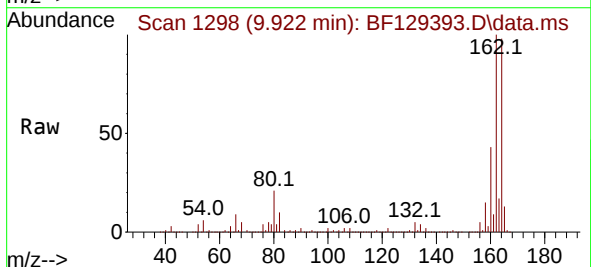
Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:165 Resp: 65652
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.404 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion:165 Resp: 65652
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

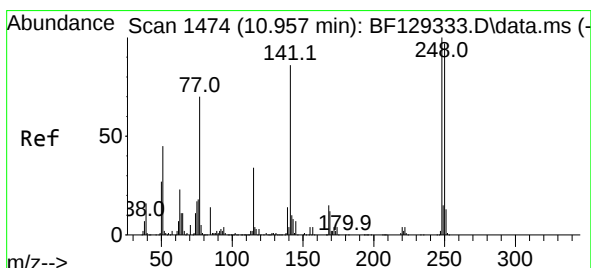
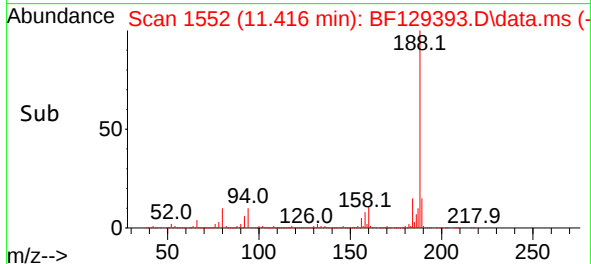
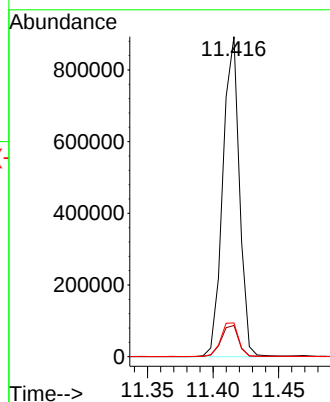
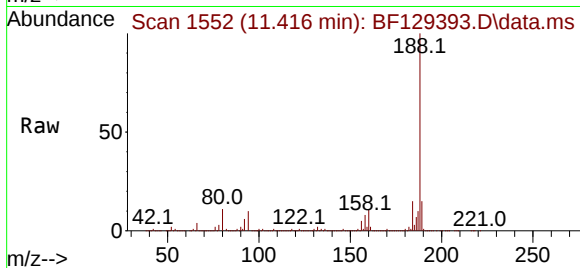




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

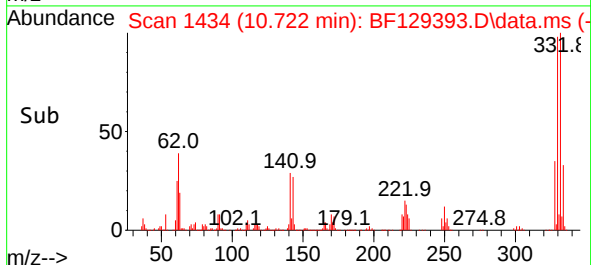
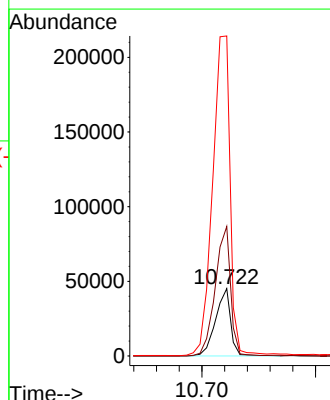
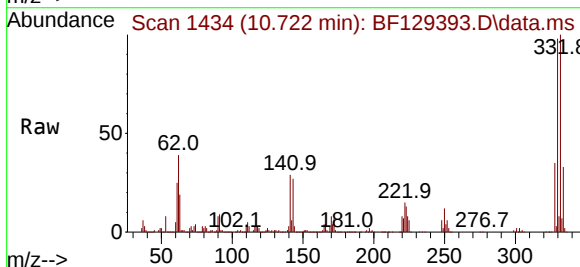
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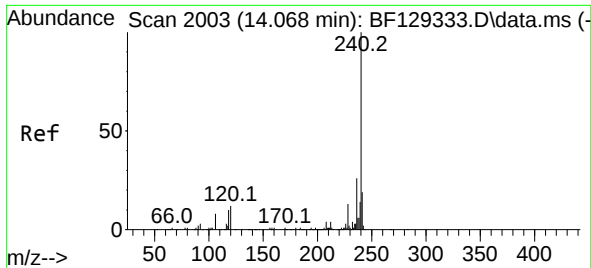
Tgt Ion:188 Resp: 784785
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.831 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion:248 Resp: 41514
Ion Ratio Lower Upper
248 100
250 192.2 80.6 120.8#
141 474.9 58.9 88.3#

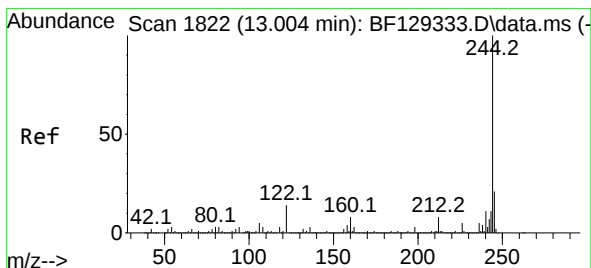
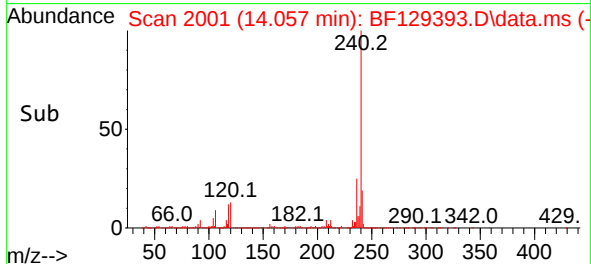
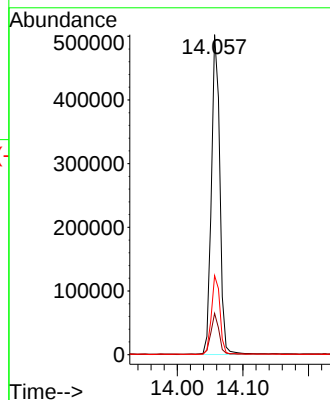
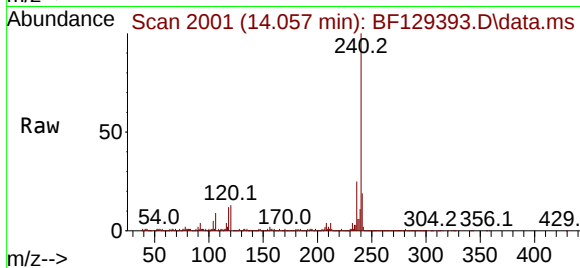




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

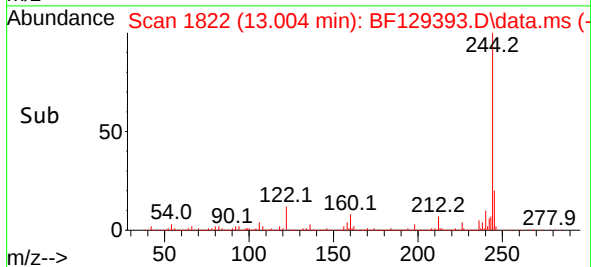
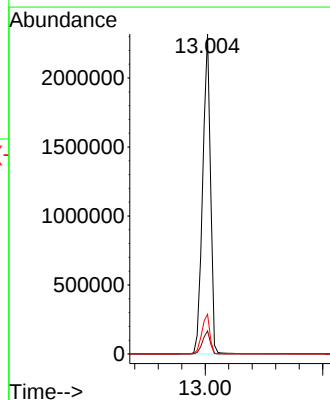
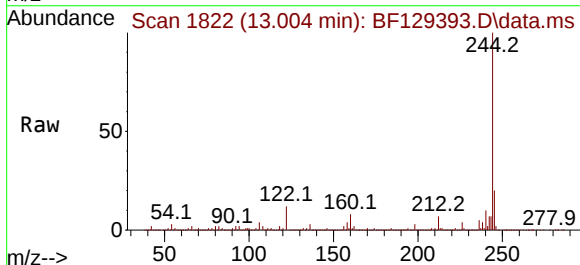
Instrument :
BNA_F
ClientSampleId :
MW-10

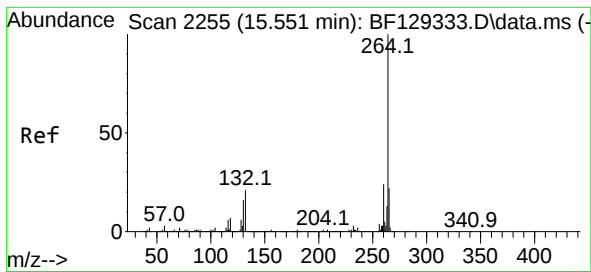
Tgt Ion:240 Resp: 450511
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 89.364 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129393.D
Acq: 28 Jul 2022 00:21

Tgt Ion:244 Resp: 2133988
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.4 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: BF129393.D
Acq: 28 Jul 2022 00:21

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 414293

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.2	17.2	25.8

