

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129394.D
 Acq On : 28 Jul 2022 00:54
 Operator : CG\JU
 Sample : N3861-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jul 28 01:33:10 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)

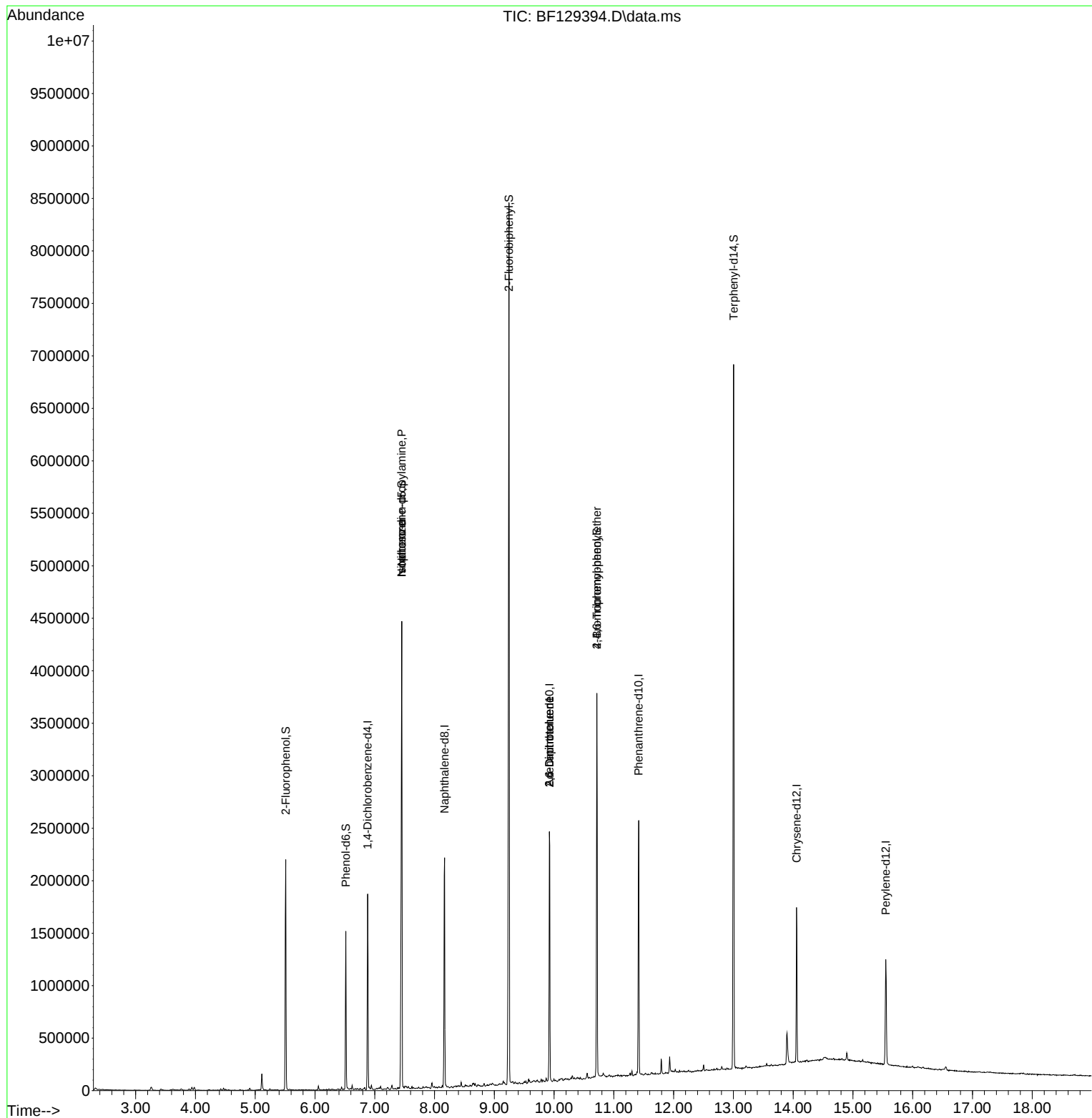
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	253152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1007525	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	516283	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	808392	20.000	ng	0.00
76) Chrysene-d12	14.057	240	493455	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	435579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	546552	35.170	ng	0.01
7) Phenol-d6	6.516	99	441100	22.582	ng	0.00
23) Nitrobenzene-d5	7.451	82	1589177	86.103	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	417760	84.163	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2623468	78.607	ng	0.00
79) Terphenyl-d14	13.004	244	2358305	90.163	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	214080	18.104	ng	# 76
25) Isophorone	7.451	82	1582292	47.827	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	67293	8.436	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	67293	6.458	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	26971	3.047	ng	# 1

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

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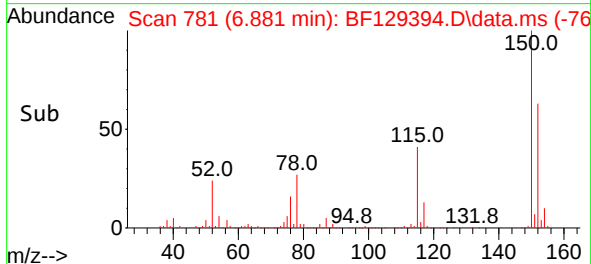
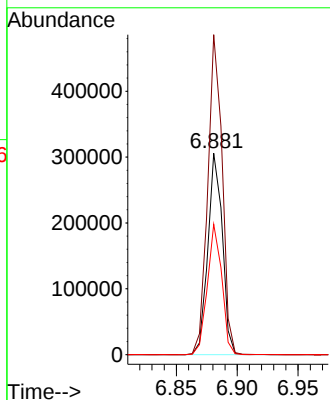
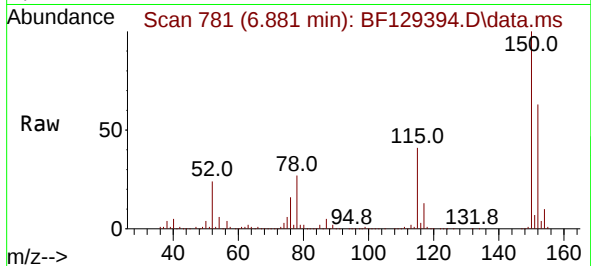




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129394.D
 Acq: 28 Jul 2022 00:54

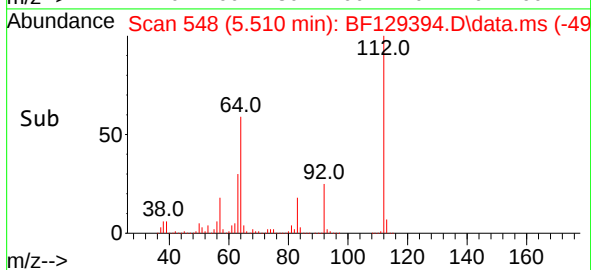
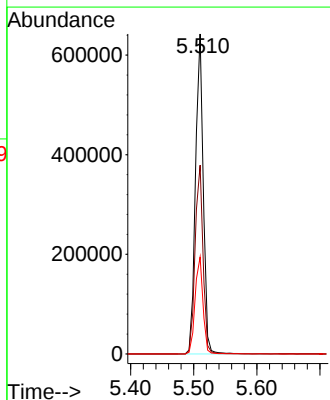
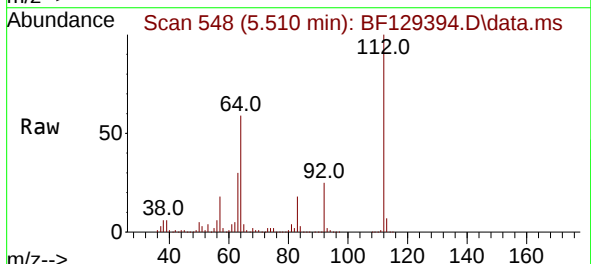
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

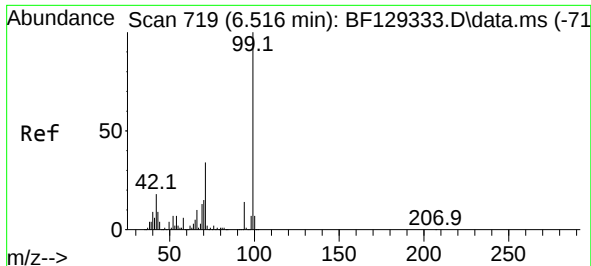
Tgt Ion:152 Resp: 253152
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 35.170 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129394.D
 Acq: 28 Jul 2022 00:54

Tgt Ion:112 Resp: 546552
 Ion Ratio Lower Upper
 112 100
 64 59.0 53.3 79.9
 63 30.3 28.0 42.0

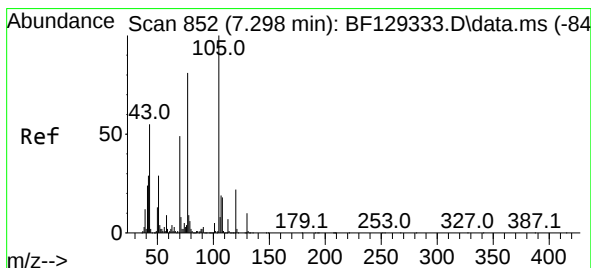
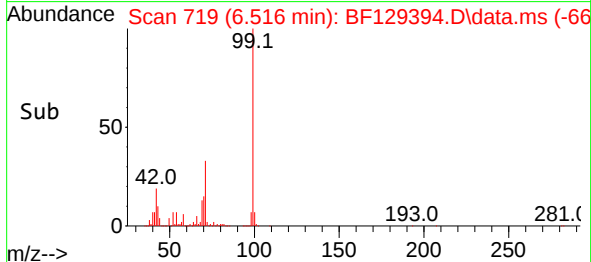
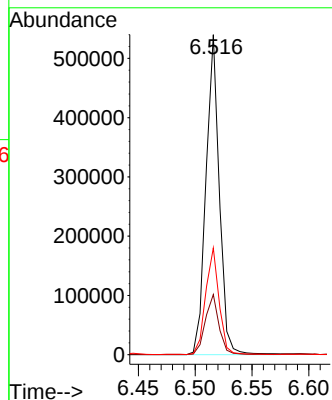
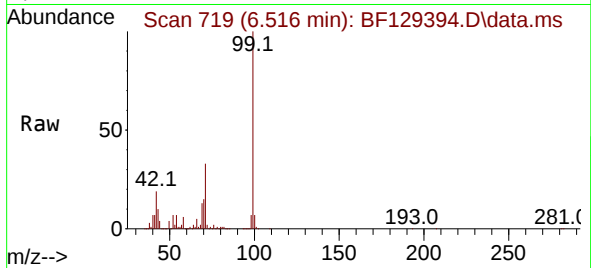




#7
Phenol-d6
Concen: 22.582 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

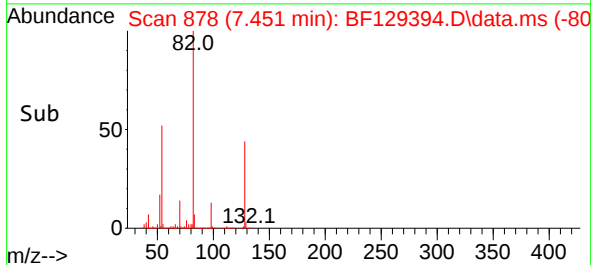
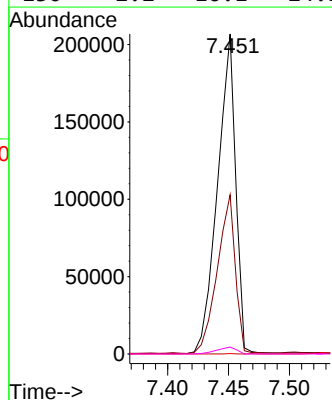
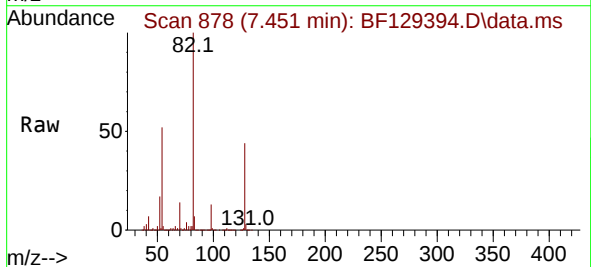
Instrument :
BNA_F
ClientSampleId :
MW-5

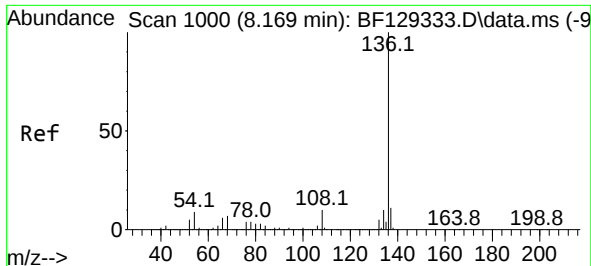
Tgt Ion: 99 Resp: 441100
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 33.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.104 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion: 70 Resp: 214080
Ion Ratio Lower Upper
70 100
42 49.8 52.3 78.5#
101 0.2 7.5 11.3#
130 2.2 16.1 24.1#

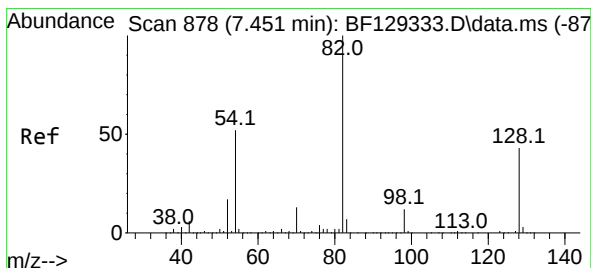
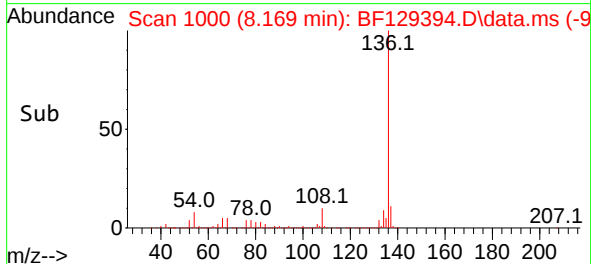
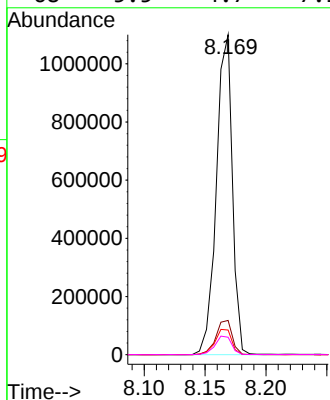
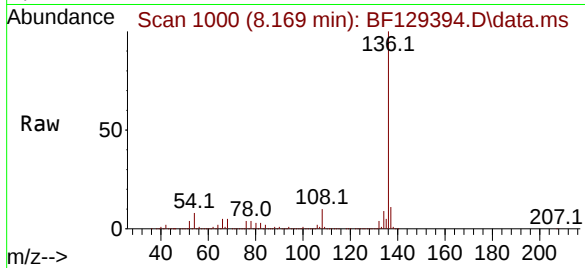




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

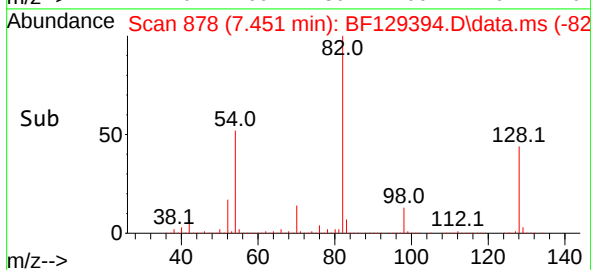
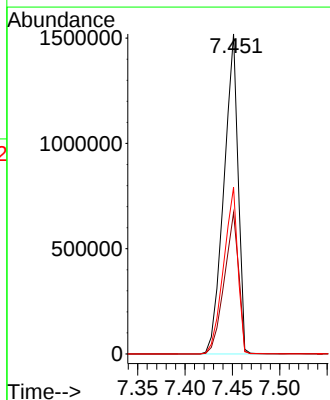
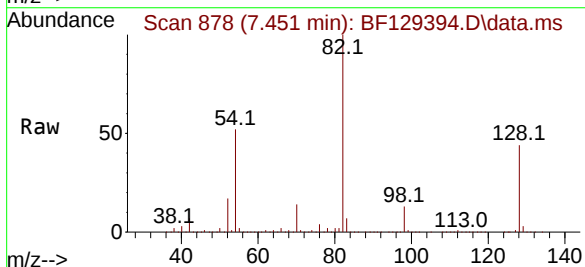
Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 1007525
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 7.5 11.3
68 5.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.103 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion: 82 Resp: 1589177
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.0 46.9 70.3

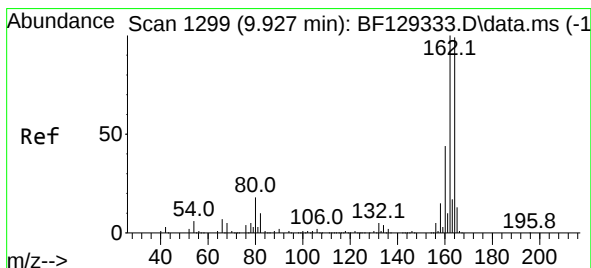
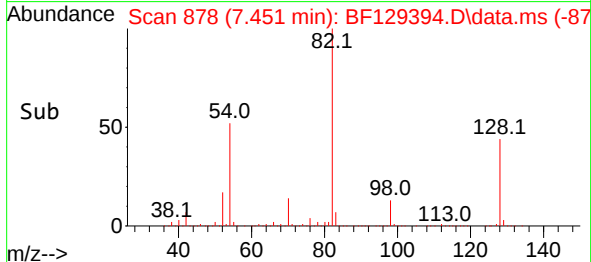
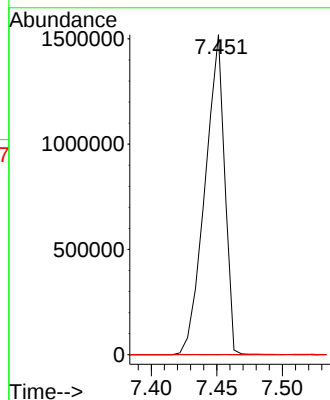
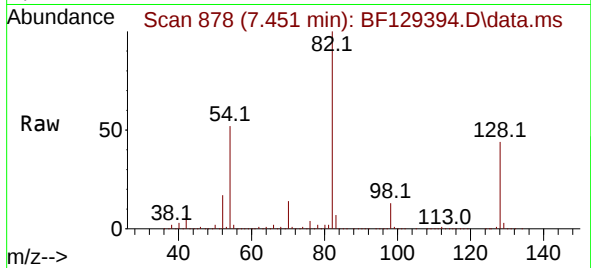




#25
Isophorone
Concen: 47.827 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

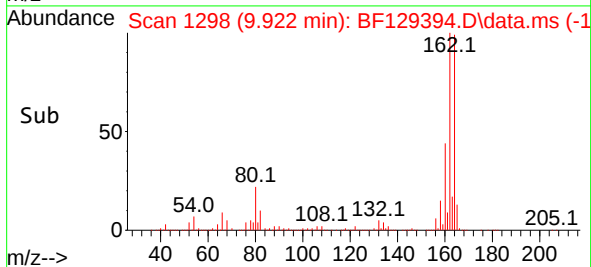
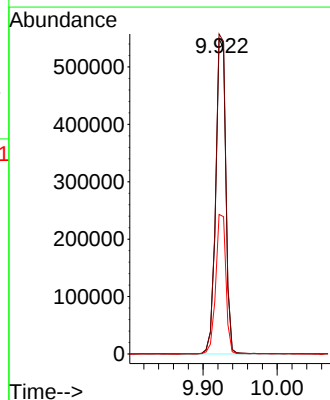
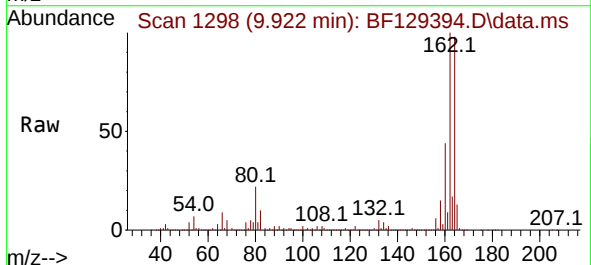
Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 1582292
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: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion:164 Resp: 516283
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 84.163 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129394.D

Acq: 28 Jul 2022 00:54

Instrument :

BNA_F

ClientSampleId :

MW-5

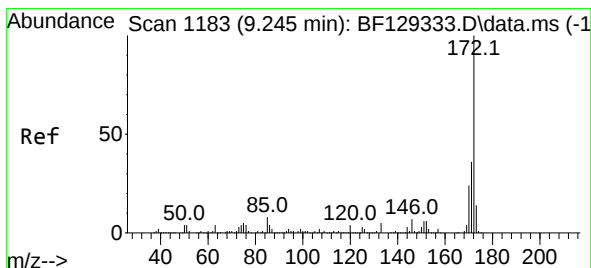
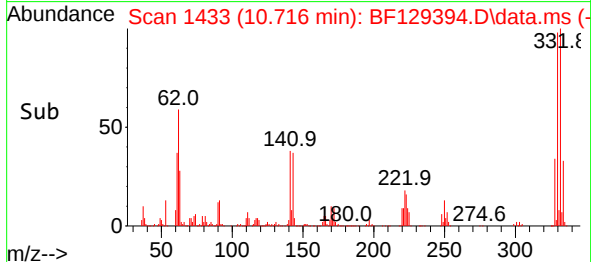
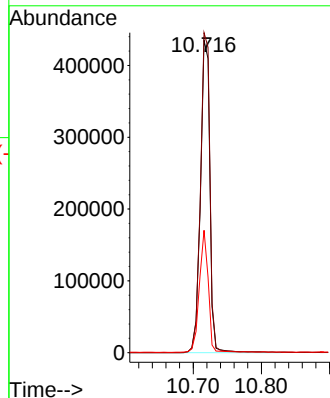
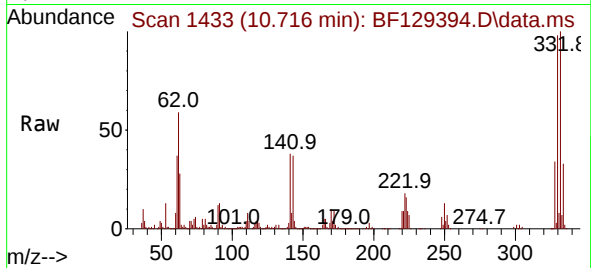
Tgt Ion:330 Resp: 417760

Ion Ratio Lower Upper

330 100

332 103.6 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.607 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129394.D

Acq: 28 Jul 2022 00:54

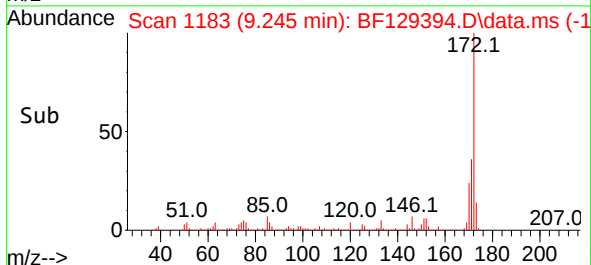
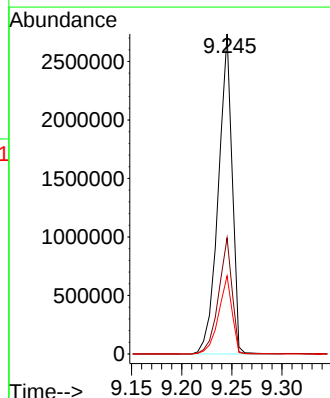
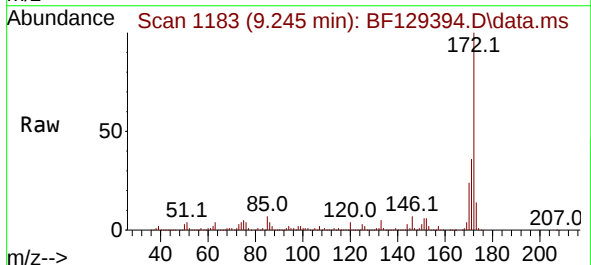
Tgt Ion:172 Resp: 2623468

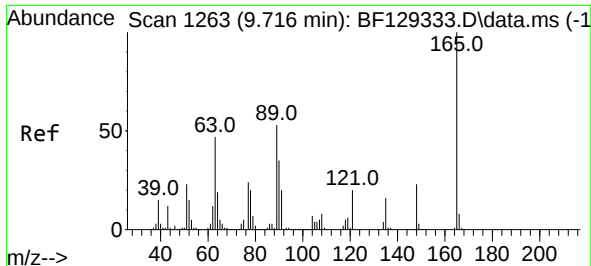
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.4 19.8 29.8

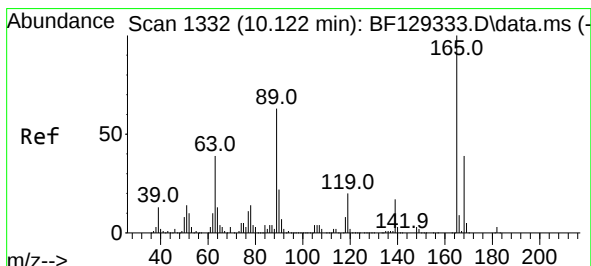
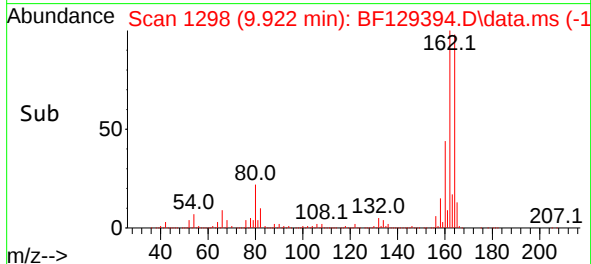
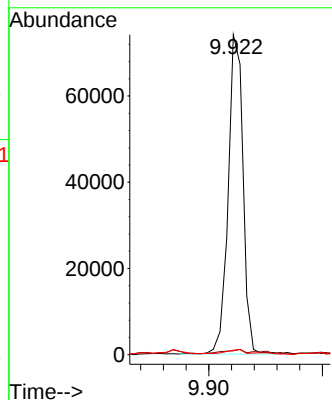
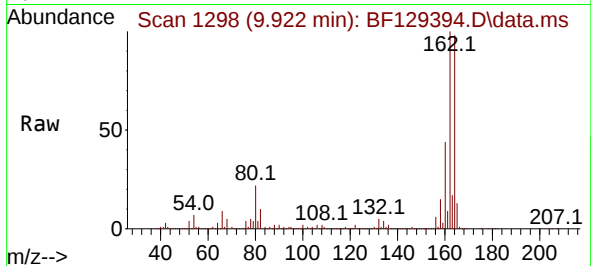




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

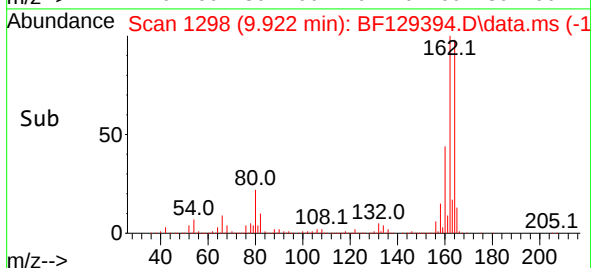
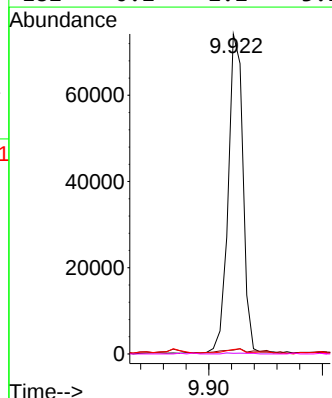
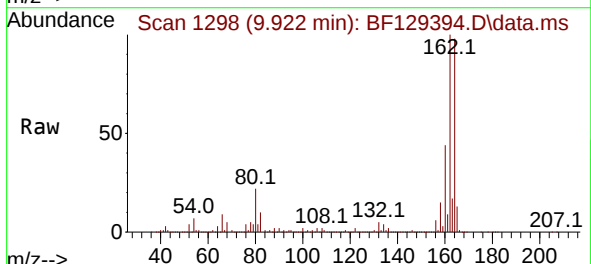
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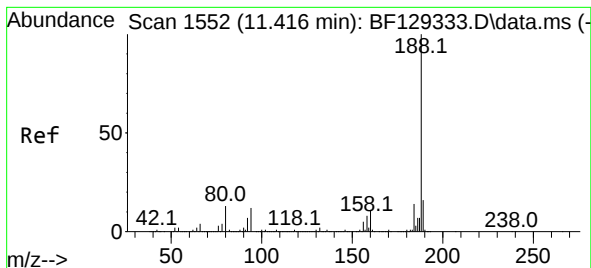
Tgt Ion:165 Resp: 67293
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion:165 Resp: 67293
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 60.2 90.2#
182 0.2 2.2 3.2#

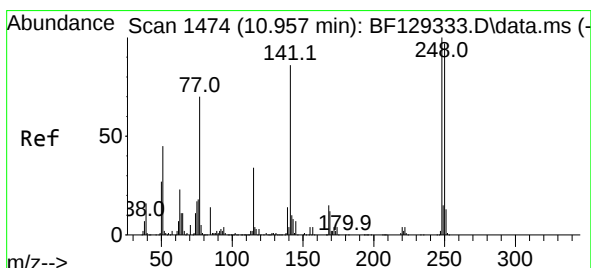
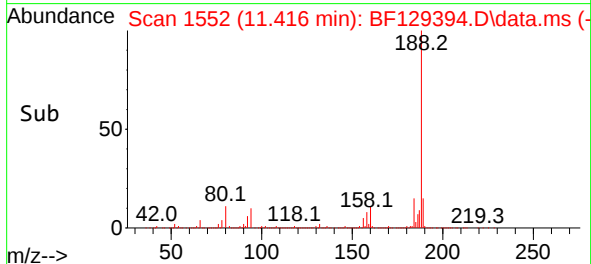
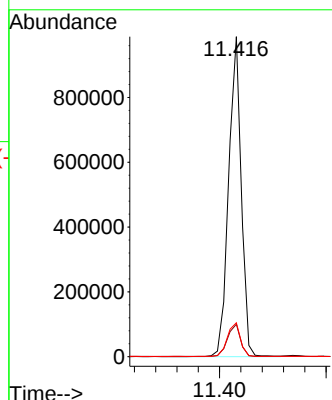
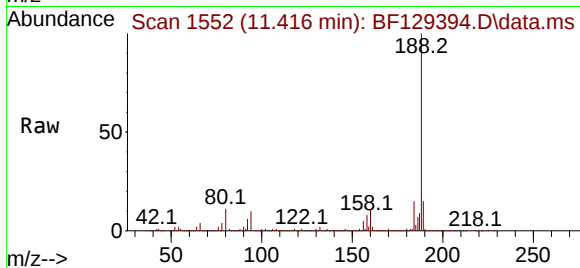




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

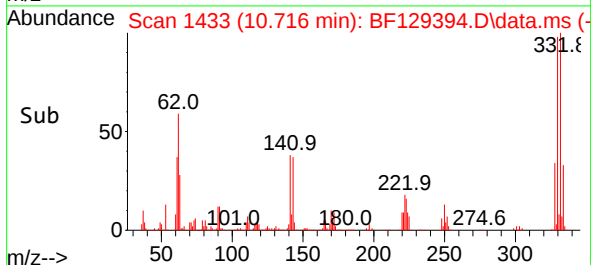
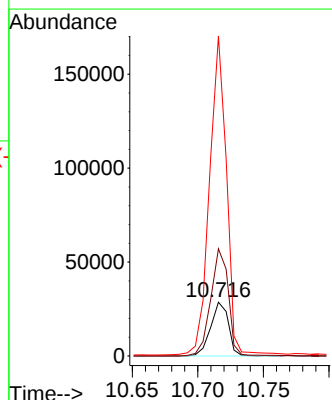
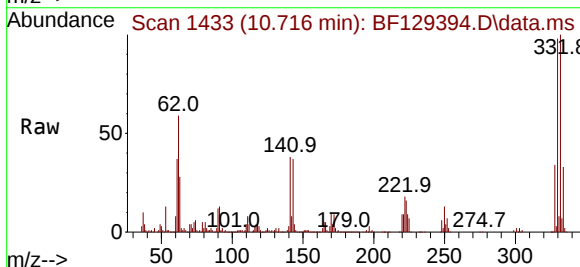
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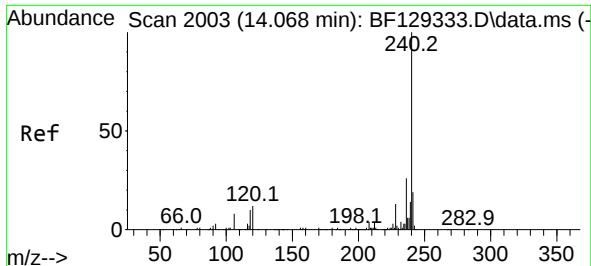
Tgt Ion:188 Resp: 808392
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.047 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion:248 Resp: 26971
Ion Ratio Lower Upper
248 100
250 199.5 80.6 120.8#
141 595.5 58.9 88.3#

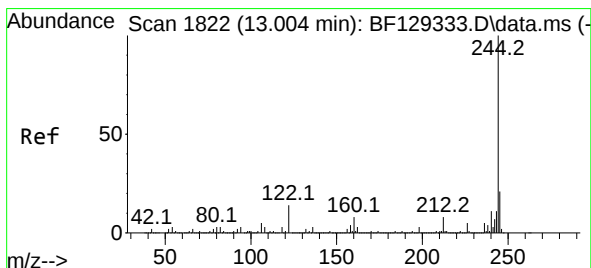
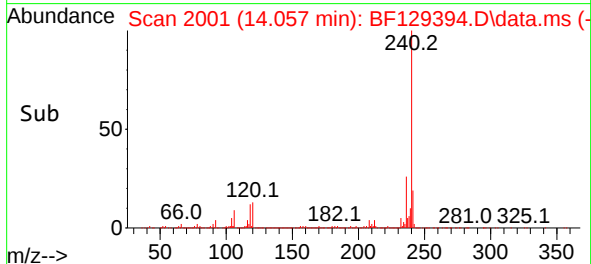
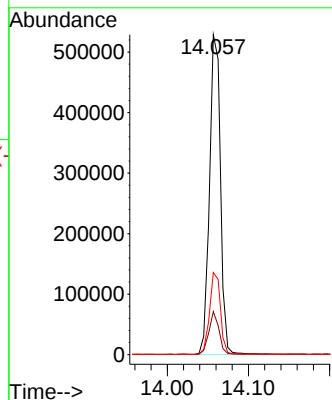
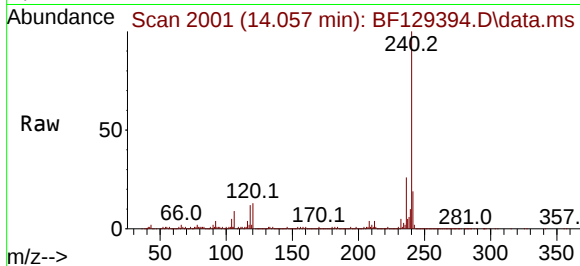




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

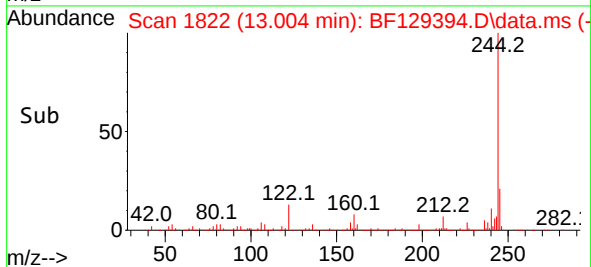
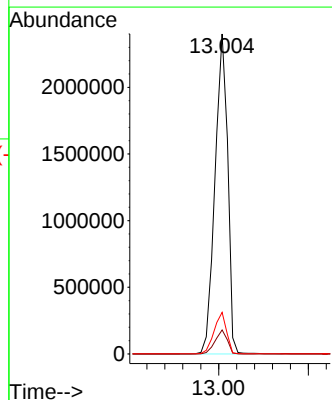
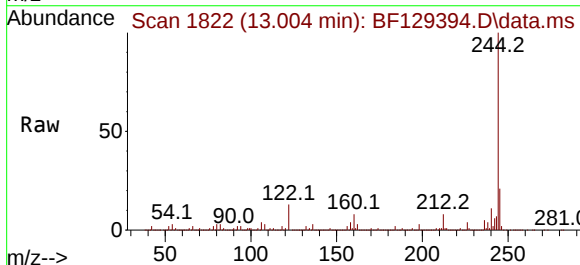
Instrument :
BNA_F
ClientSampleId :
MW-5

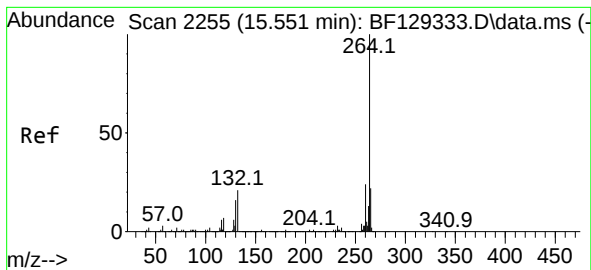
Tgt Ion:240 Resp: 493455
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 90.163 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129394.D
Acq: 28 Jul 2022 00:54

Tgt Ion:244 Resp: 2358305
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.0 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: BF129394.D
Acq: 28 Jul 2022 00:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 435579

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.1	17.2	25.8

