

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130393.D
 Acq On : 23 Sep 2022 16:26
 Operator : CG\JU
 Sample : N4764-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Sep 23 17:57:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

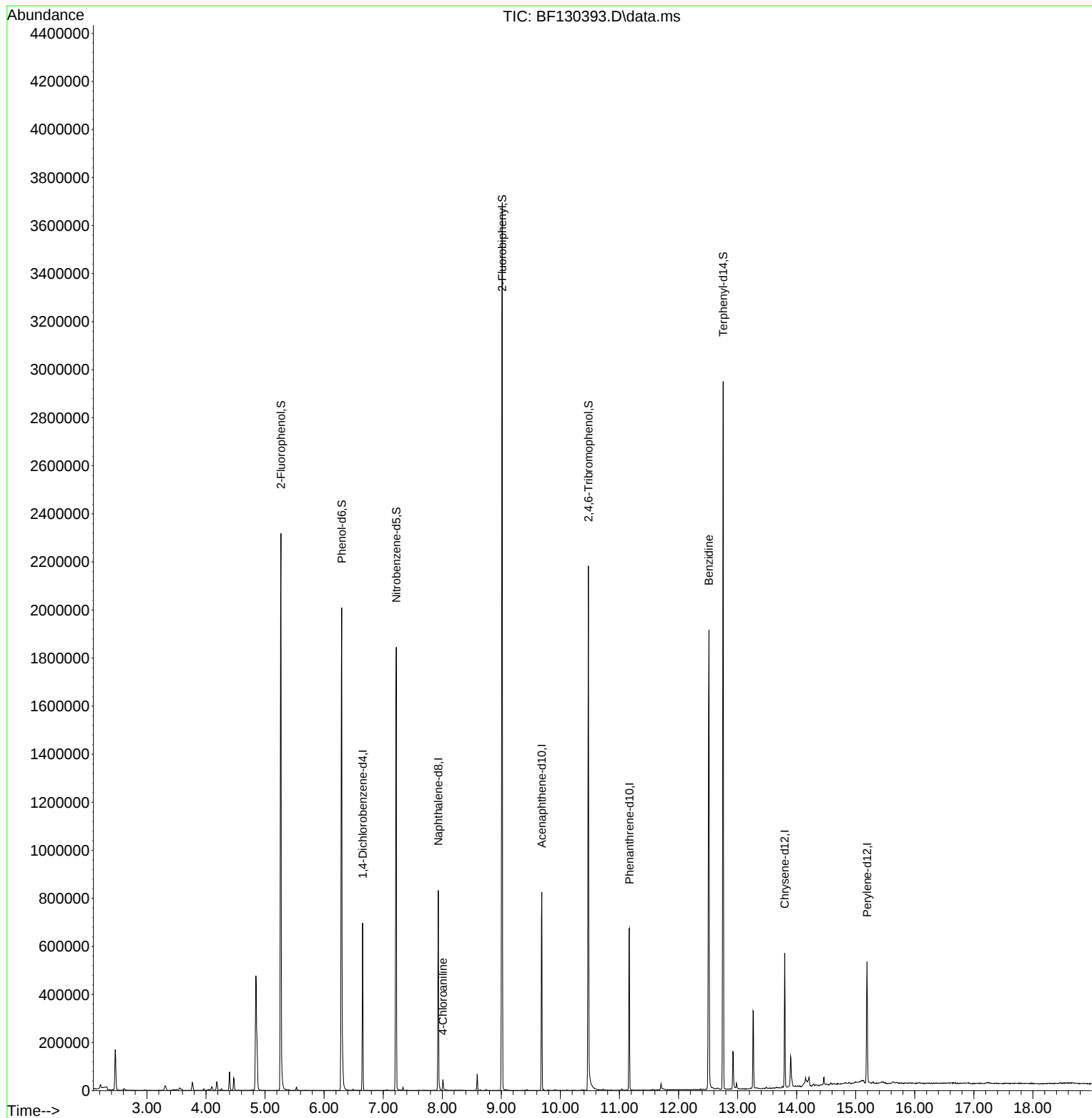
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	88400	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	340227	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	166894	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	249028	20.000	ng	# 0.00
76) Chrysene-d12	13.798	240	169979	20.000	ng	0.00
86) Perylene-d12	15.192	264	205571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	677310	132.893	ng	0.01
7) Phenol-d6	6.298	99	751710	117.876	ng	0.00
23) Nitrobenzene-d5	7.222	82	590897	88.729	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	259816	162.470	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1142097	99.651	ng	0.00
79) Terphenyl-d14	12.757	244	931479	90.775	ng	0.00
Target Compounds						
33) 4-Chloroaniline	8.010	127	14171	2.126	ng	97
77) Benzidine	12.516	184	717353	145.380	ng	98

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

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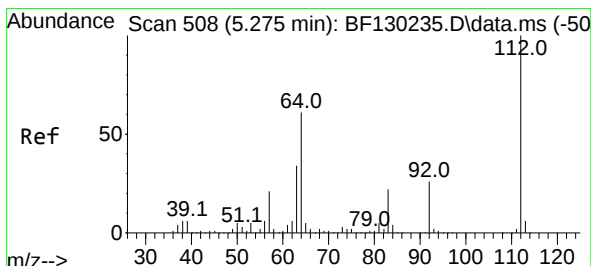
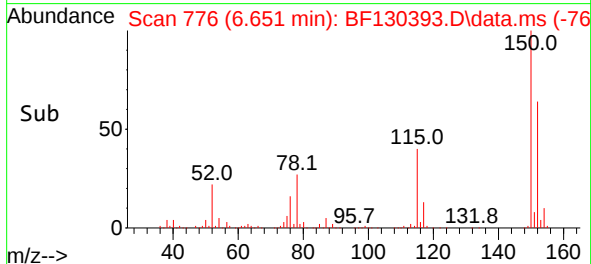
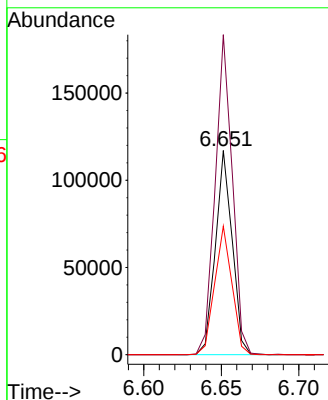
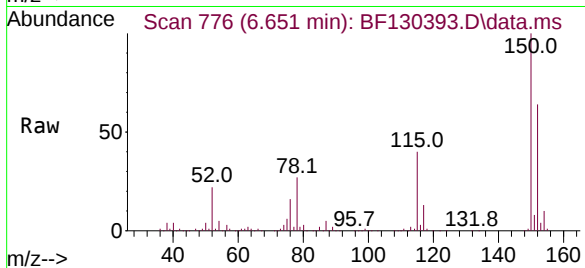




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

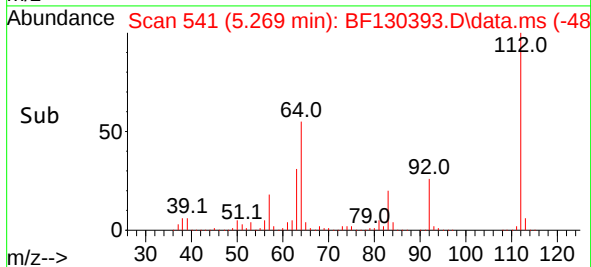
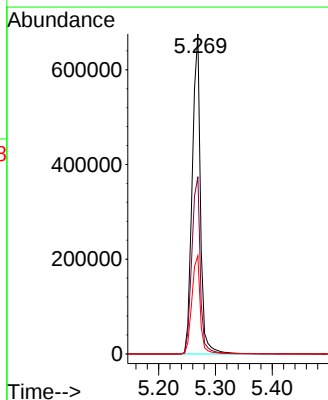
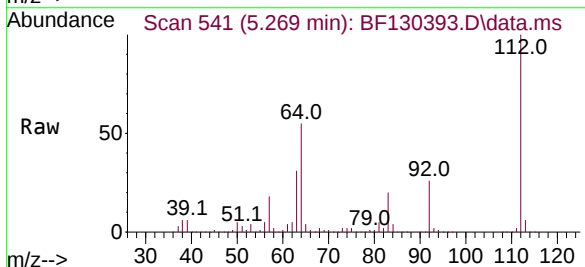
Instrument :
BNA_F
ClientSampleId :
355

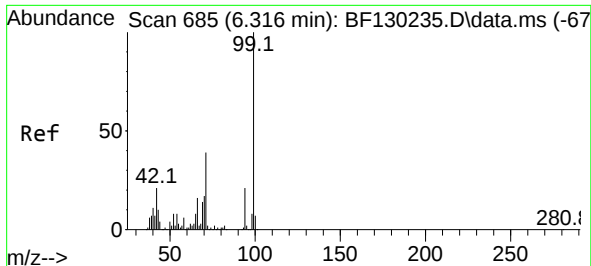
Tgt Ion:152 Resp: 88400
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 63.0 53.8 80.8



#5
2-Fluorophenol
Concen: 132.893 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

Tgt Ion:112 Resp: 677310
Ion Ratio Lower Upper
112 100
64 55.4 51.4 77.0
63 30.7 28.8 43.2

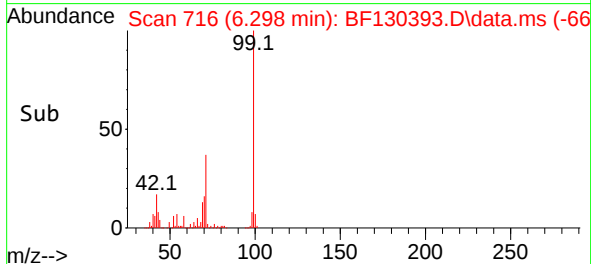
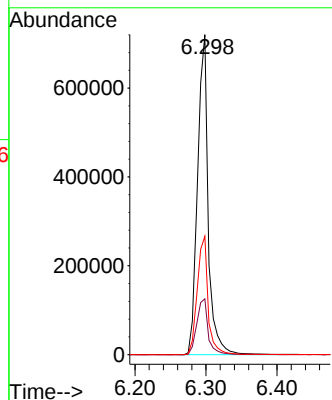
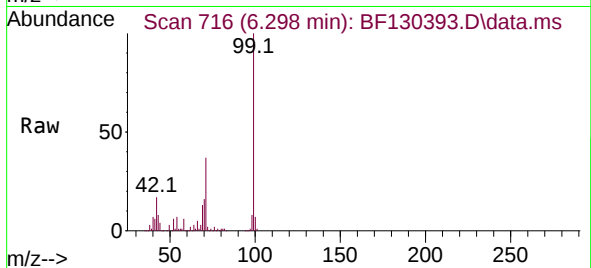




#7
Phenol-d6
Concen: 117.876 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

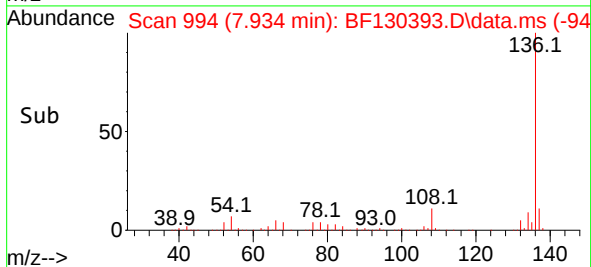
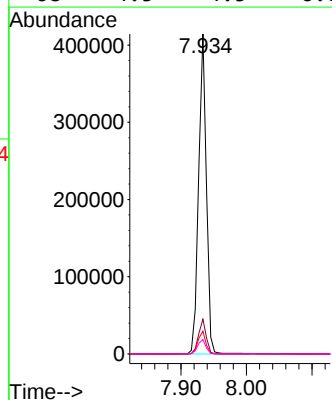
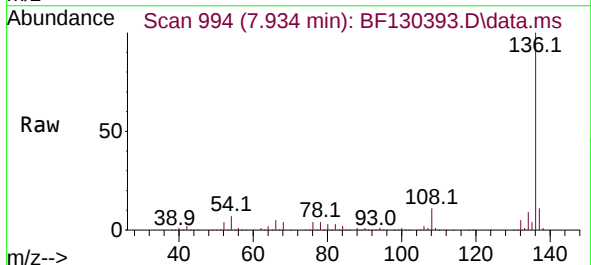
Instrument :
BNA_F
ClientSampleId :
355

Tgt Ion: 99 Resp: 751710
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 37.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

Tgt Ion: 136 Resp: 340227
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.1 7.1 10.7#
68 4.5 4.5 6.7

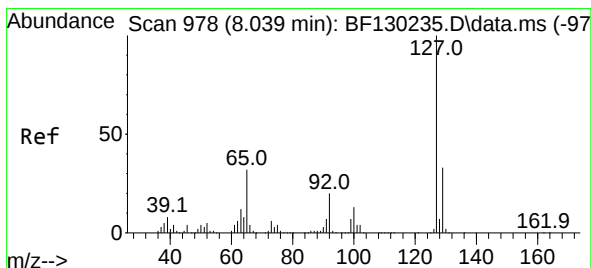
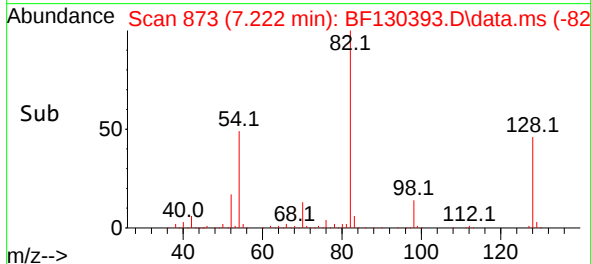
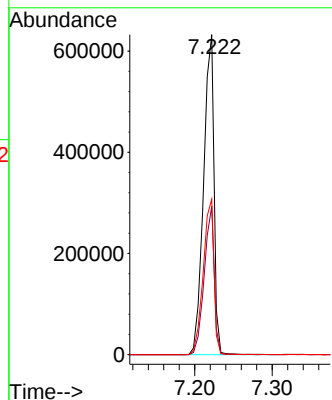
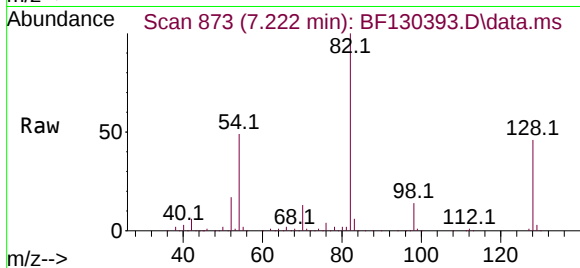




#23
Nitrobenzene-d5
Concen: 88.729 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

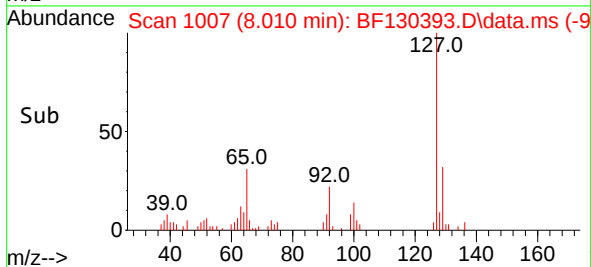
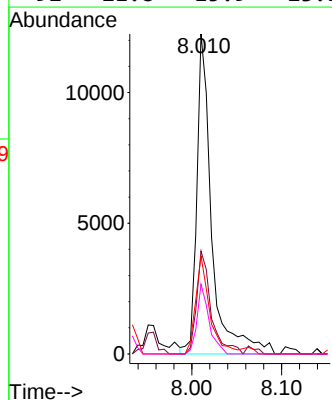
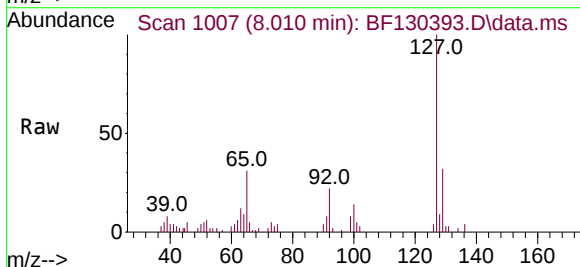
Instrument :
BNA_F
ClientSampleId :
355

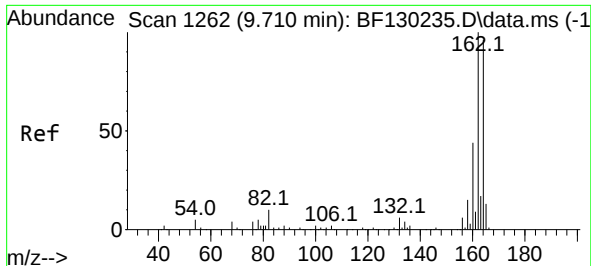
Tgt Ion: 82 Resp: 590897
Ion Ratio Lower Upper
82 100
128 46.3 32.6 49.0
54 48.6 43.8 65.6



#33
4-Chloroaniline
Concen: 2.126 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

Tgt Ion: 127 Resp: 14171
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 30.6 27.0 40.6
92 21.8 15.9 23.9

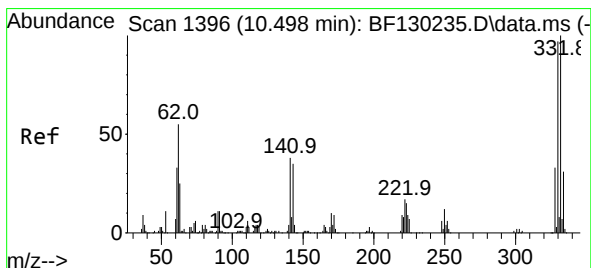
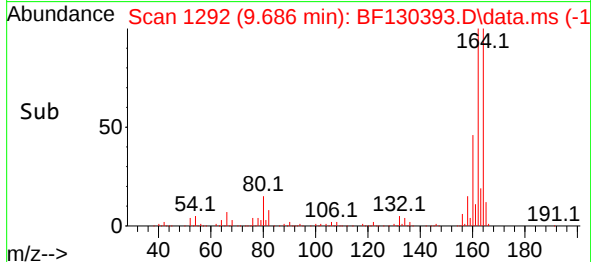
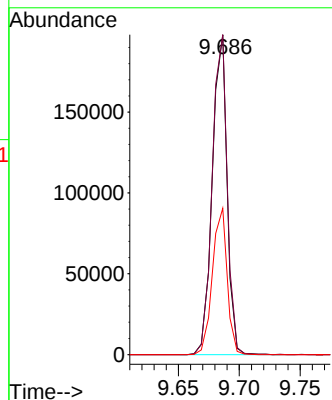
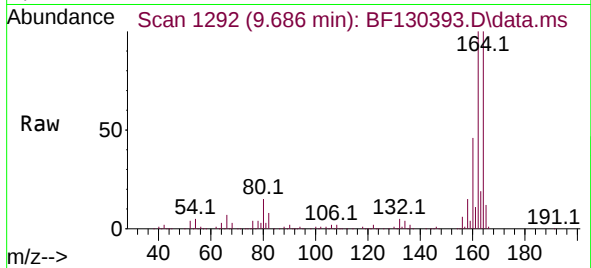




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

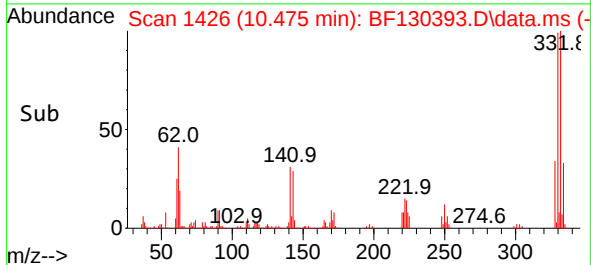
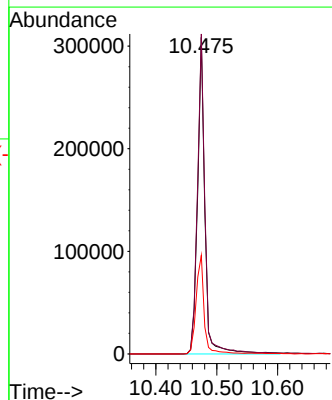
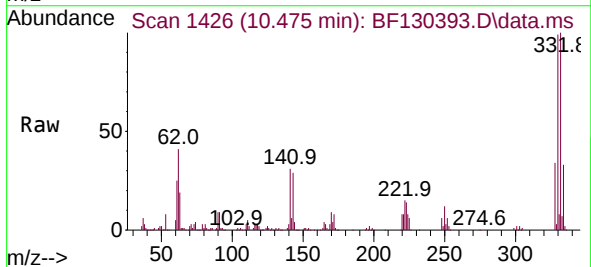
Instrument :
BNA_F
ClientSampleId :
355

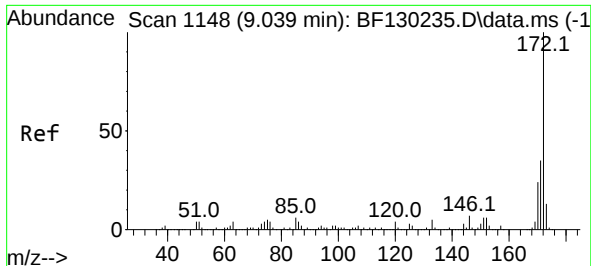
Tgt Ion:164 Resp: 166894
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 45.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 162.470 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

Tgt Ion:330 Resp: 259816
Ion Ratio Lower Upper
330 100
332 103.7 83.4 125.2
141 33.9 34.0 51.0#





#45

2-Fluorobiphenyl

Concen: 99.651 ng

RT: 9.016 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130393.D

Acq: 23 Sep 2022 16:26

Instrument :

BNA_F

ClientSampleId :

355

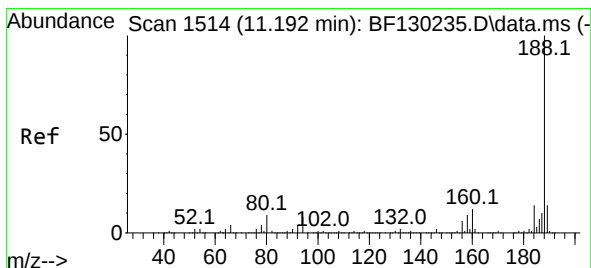
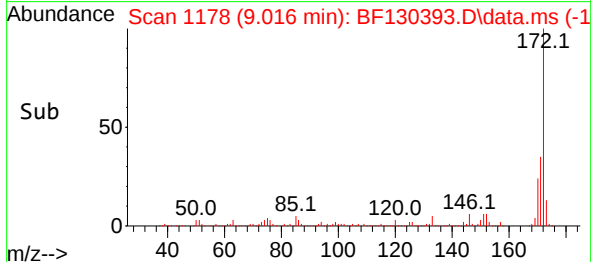
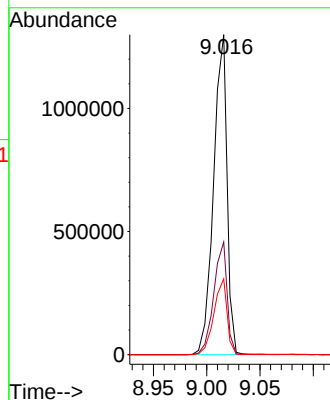
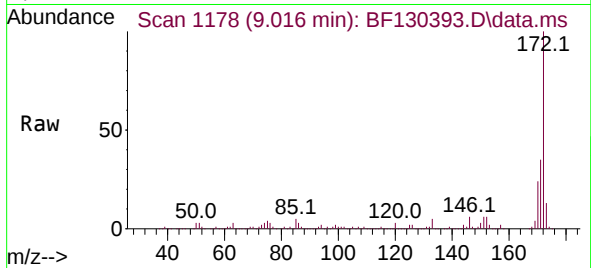
Tgt Ion:172 Resp: 1142097

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130393.D

Acq: 23 Sep 2022 16:26

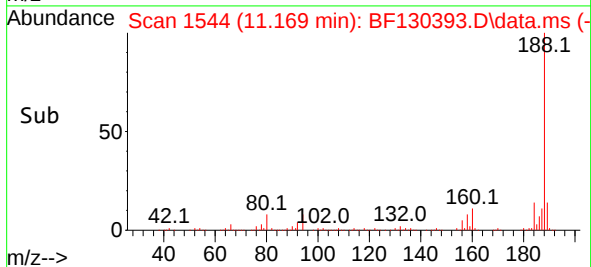
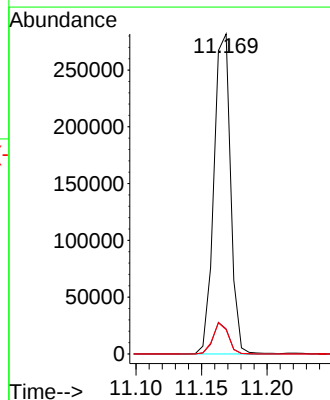
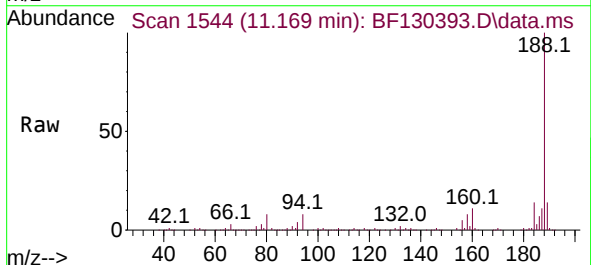
Tgt Ion:188 Resp: 249028

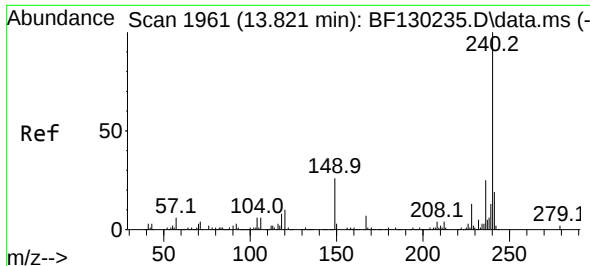
Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 7.6 7.9 11.9#

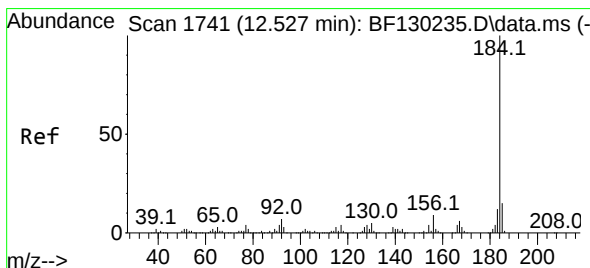
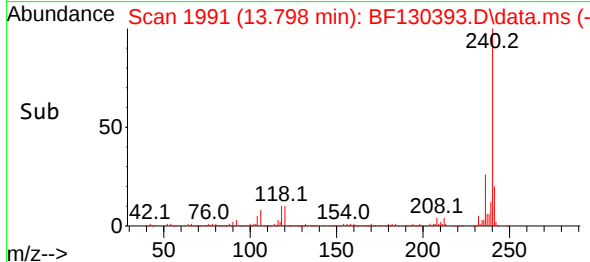
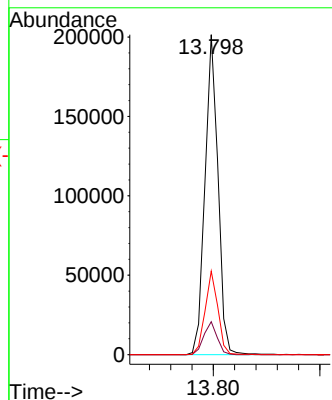
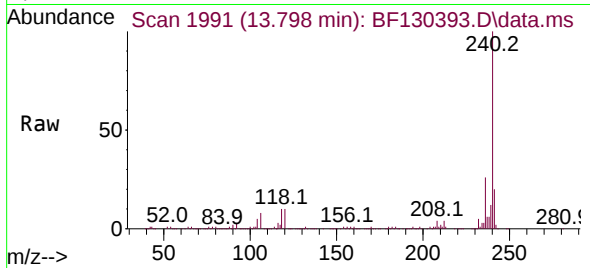




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

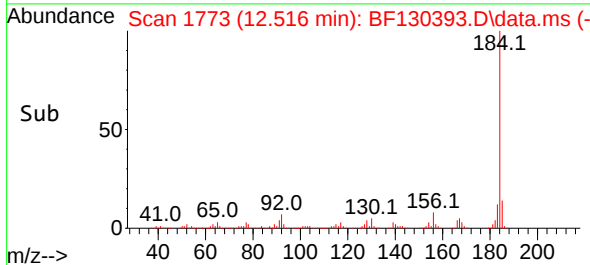
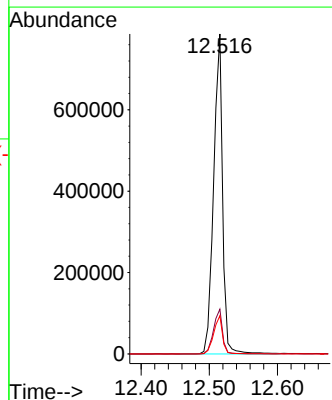
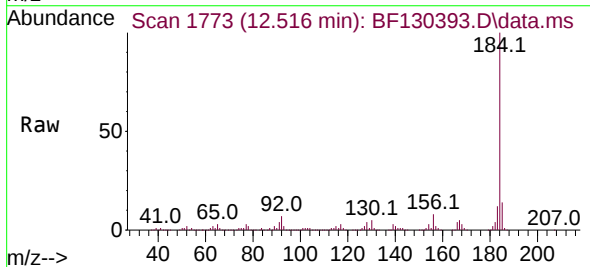
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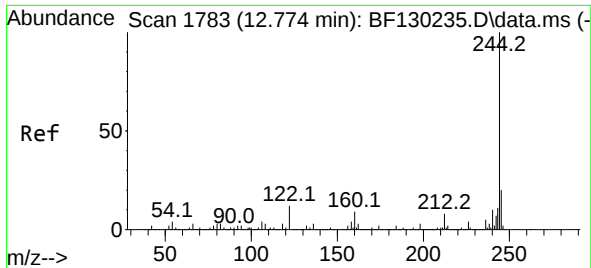
Tgt Ion:240 Resp: 169979
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 26.1 20.9 31.3



#77
Benzidine
Concen: 145.380 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF130393.D
Acq: 23 Sep 2022 16:26

Tgt Ion:184 Resp: 717353
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.9 9.1 13.7

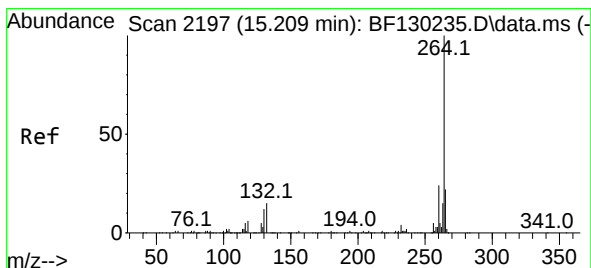
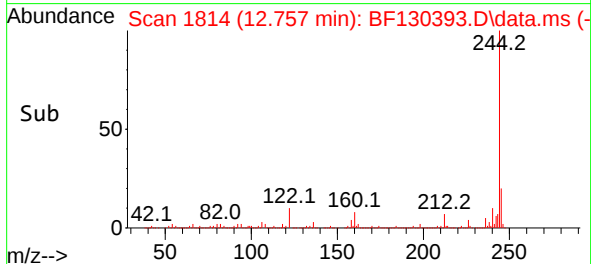
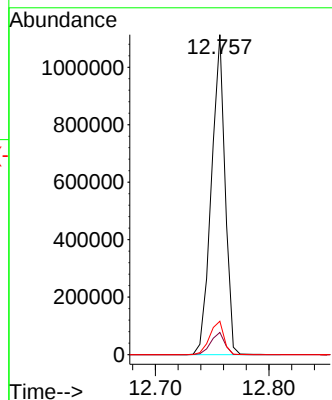
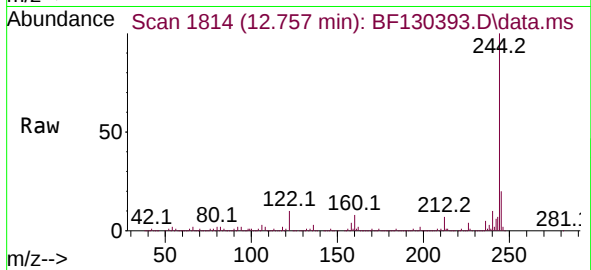




#79
 Terphenyl-d14
 Concen: 90.775 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130393.D
 Acq: 23 Sep 2022 16:26

Instrument :
 BNA_F
 ClientSampleId :
 355

Tgt Ion:244 Resp: 931479
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130393.D
 Acq: 23 Sep 2022 16:26

Tgt Ion:264 Resp: 205571
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.9 17.0 25.4

