

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130396.D
 Acq On : 23 Sep 2022 18:08
 Operator : CG\JU
 Sample : N4764-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R2

Quant Time: Sep 24 03:18:39 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	68103	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	243357	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	113538	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	185566	20.000	ng	0.00
76) Chrysene-d12	13.798	240	189819	20.000	ng	0.00
86) Perylene-d12	15.192	264	205859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	426083	108.516	ng	0.00
7) Phenol-d6	6.292	99	503245	102.433	ng	0.00
23) Nitrobenzene-d5	7.216	82	320787	67.344	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	126736	116.495	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	580393	74.439	ng	-0.01
79) Terphenyl-d14	12.757	244	625996	54.629	ng	0.00

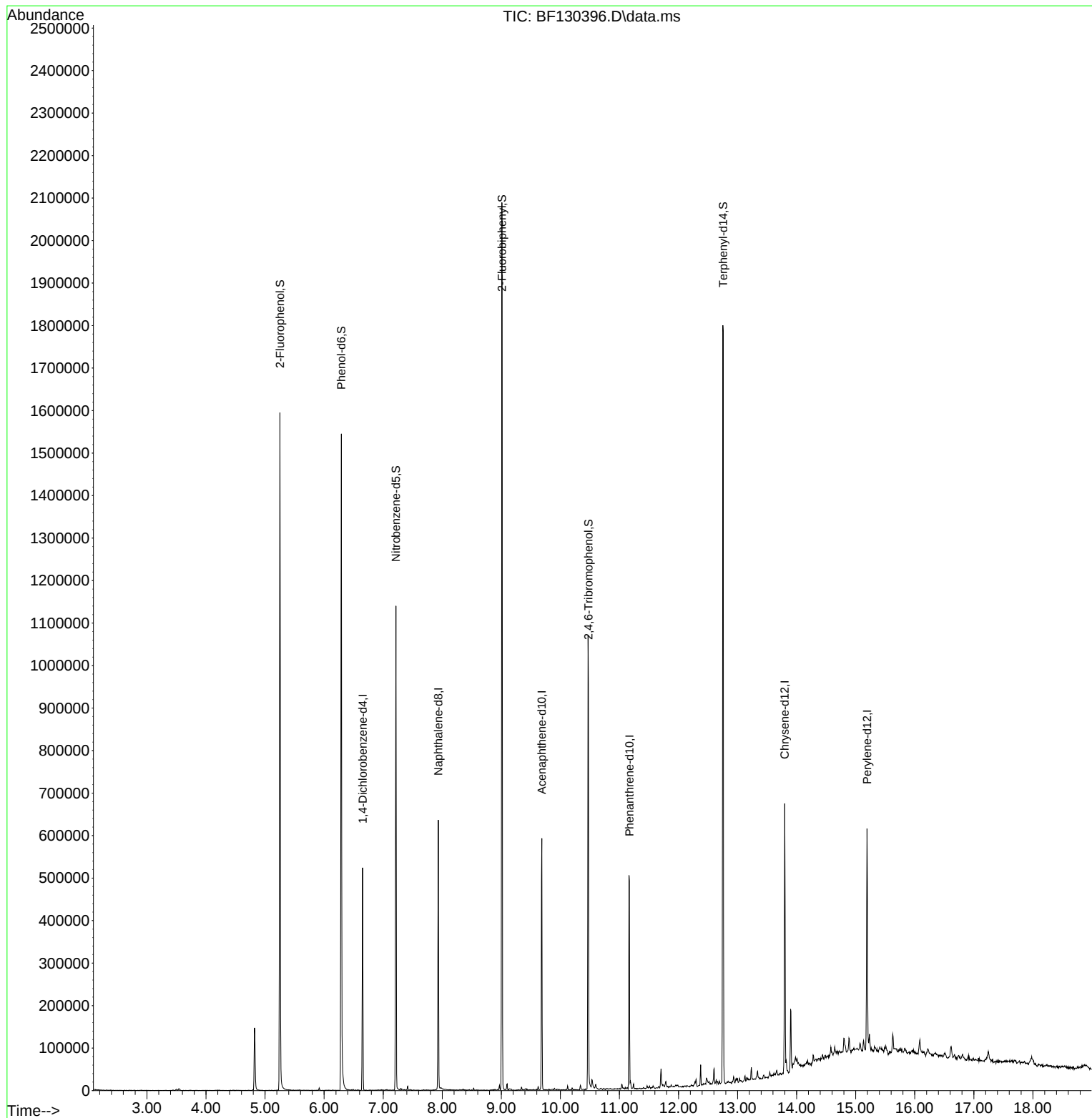
Target Compounds	Qvalue

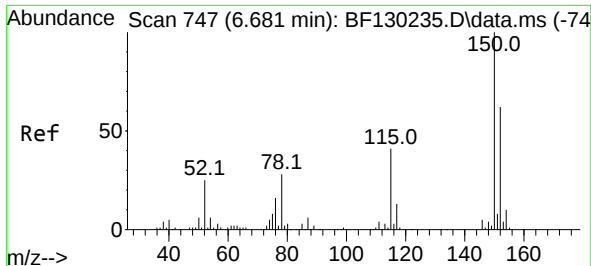
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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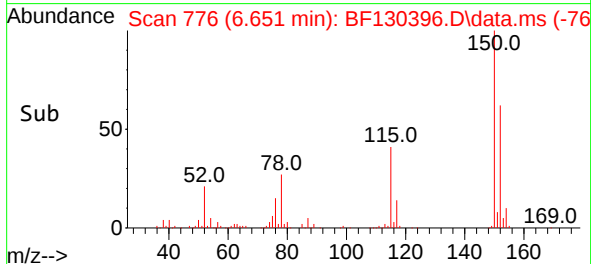
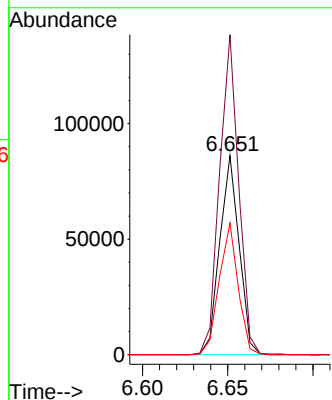
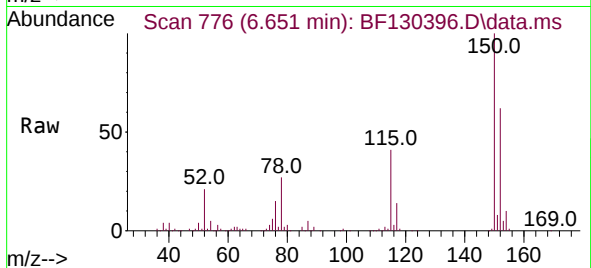




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

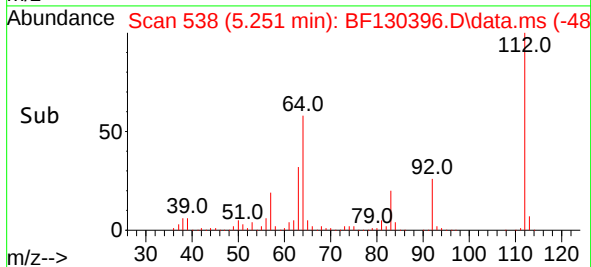
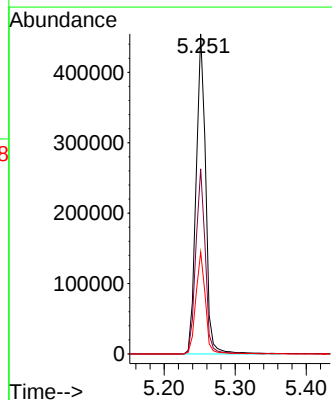
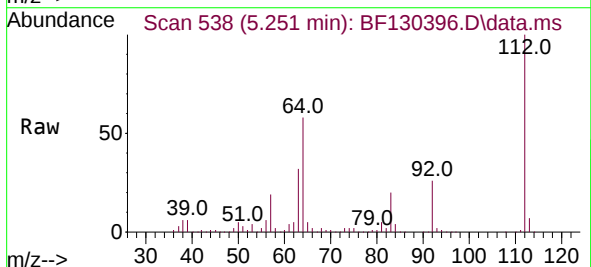
Instrument :
BNA_F
ClientSampleId :
R2

Tgt Ion:152 Resp: 68103
Ion Ratio Lower Upper
152 100
150 160.8 122.8 184.2
115 66.1 53.8 80.8



#5
2-Fluorophenol
Concen: 108.516 ng
RT: 5.251 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

Tgt Ion:112 Resp: 426083
Ion Ratio Lower Upper
112 100
64 57.8 51.4 77.0
63 31.8 28.8 43.2

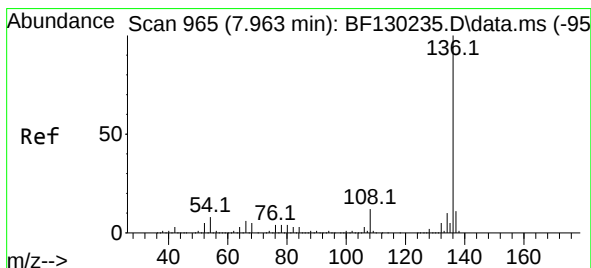
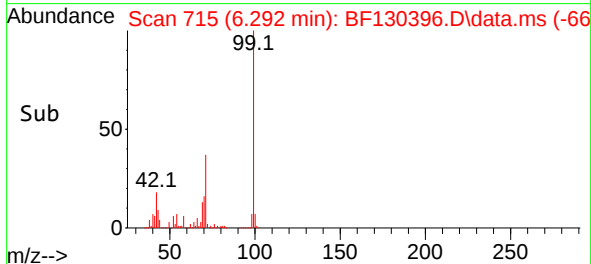
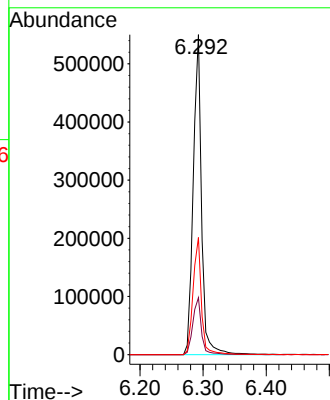
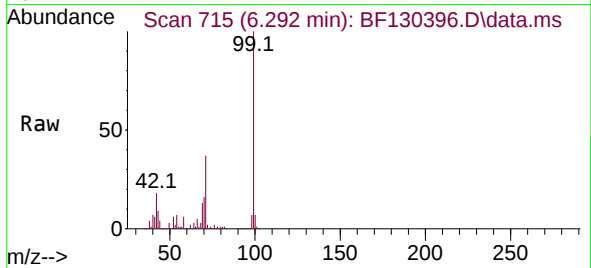




#7
Phenol-d6
Concen: 102.433 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

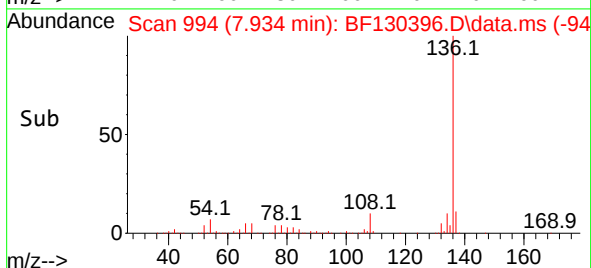
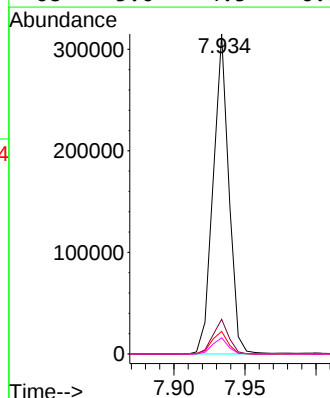
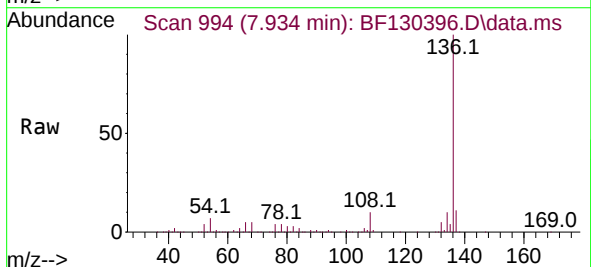
Instrument :
BNA_F
ClientSampleId :
R2

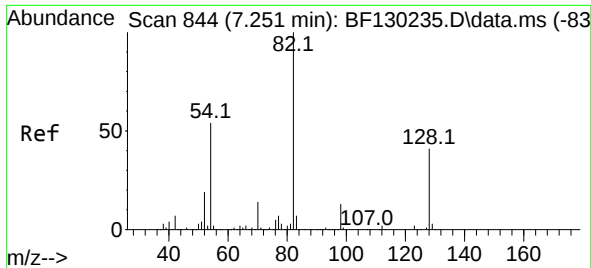
Tgt Ion: 99 Resp: 503245
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 36.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

Tgt Ion: 136 Resp: 243357
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.0 7.1 10.7#
68 5.0 4.5 6.7

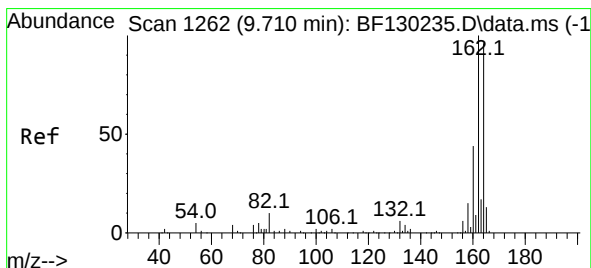
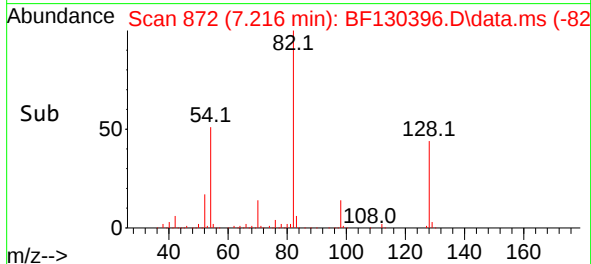
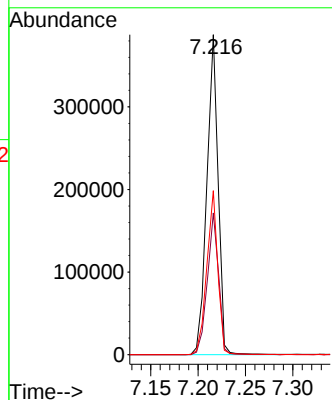
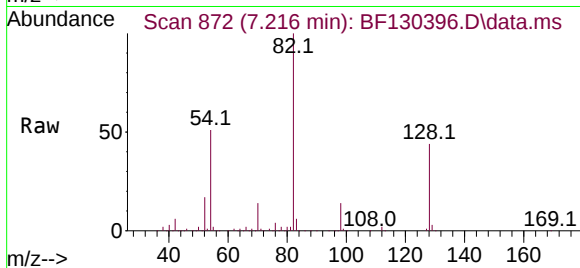




#23
Nitrobenzene-d5
Concen: 67.344 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

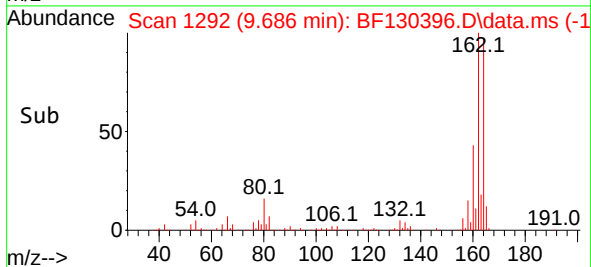
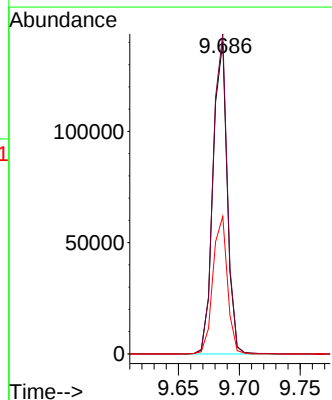
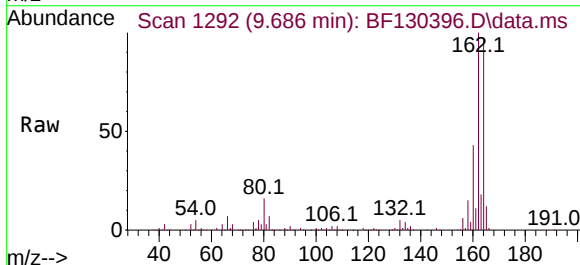
Instrument :
BNA_F
ClientSampleId :
R2

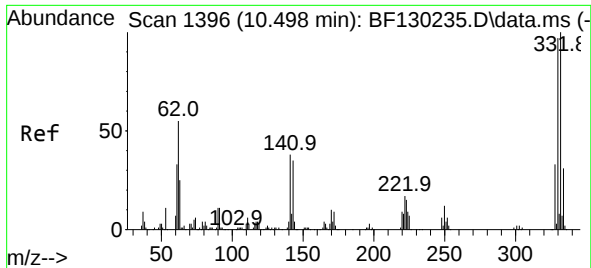
Tgt Ion: 82 Resp: 320787
Ion Ratio Lower Upper
82 100
128 44.3 32.6 49.0
54 51.2 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

Tgt Ion: 164 Resp: 113538
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 44.1 36.2 54.4

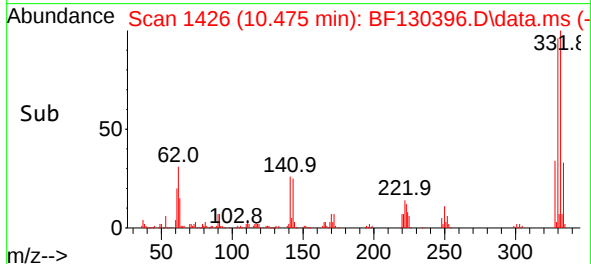
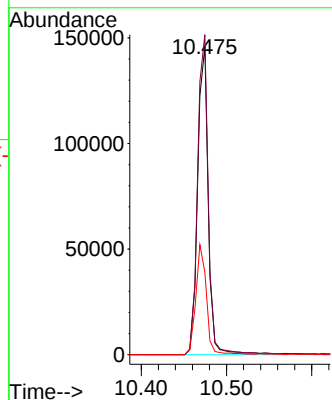
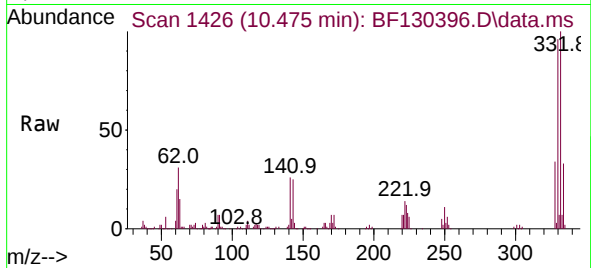




#42
2,4,6-Tribromophenol
Concen: 116.495 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

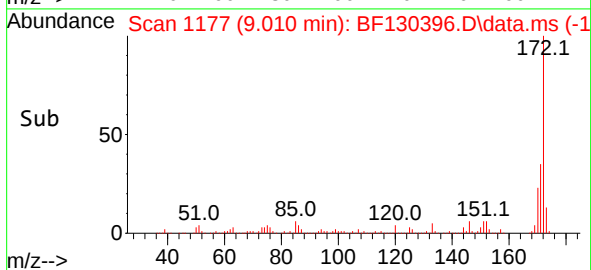
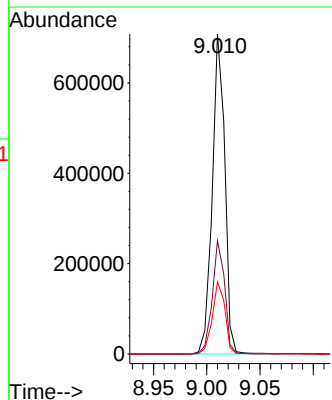
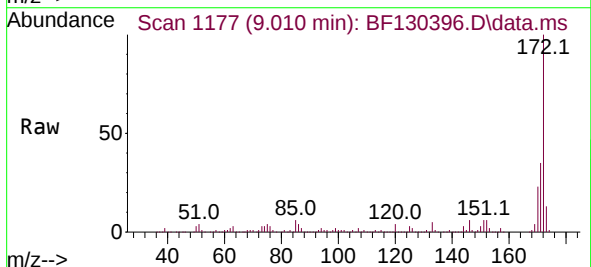
Instrument :
BNA_F
ClientSampleId :
R2

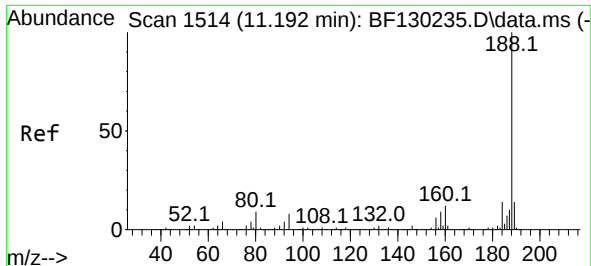
Tgt Ion:330 Resp: 126736
Ion Ratio Lower Upper
330 100
332 105.3 83.4 125.2
141 35.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 74.439 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

Tgt Ion:172 Resp: 580393
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.5 18.7 28.1

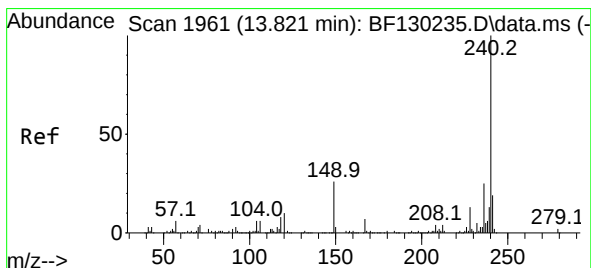
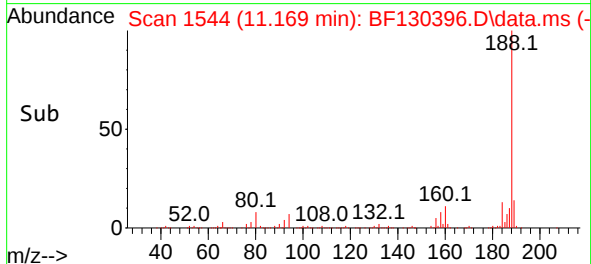
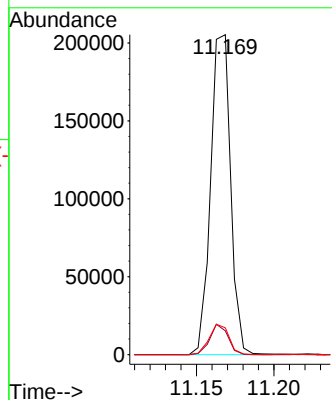
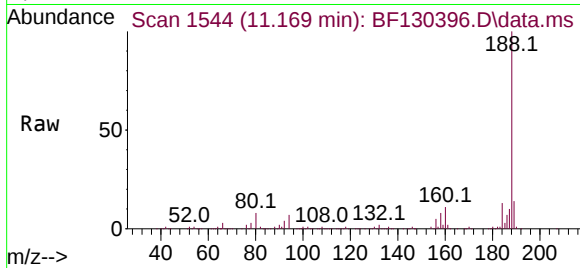




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

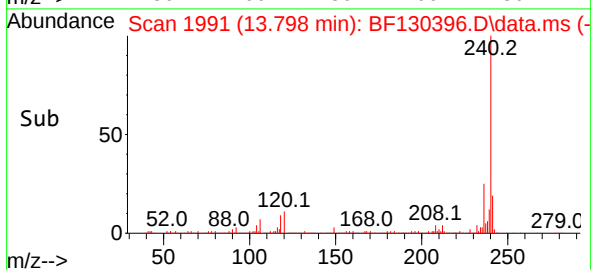
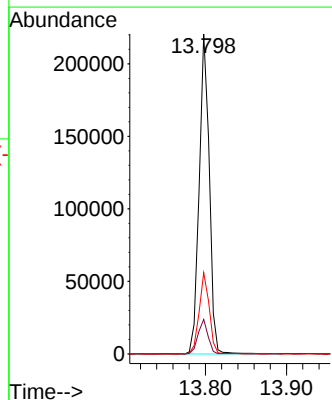
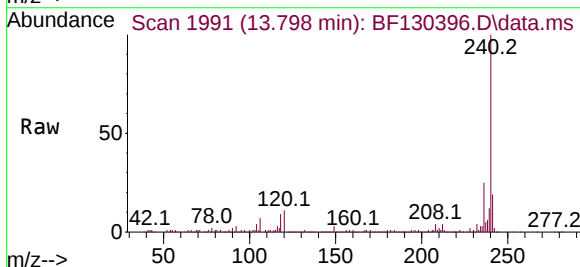
Instrument :
BNA_F
ClientSampleId :
R2

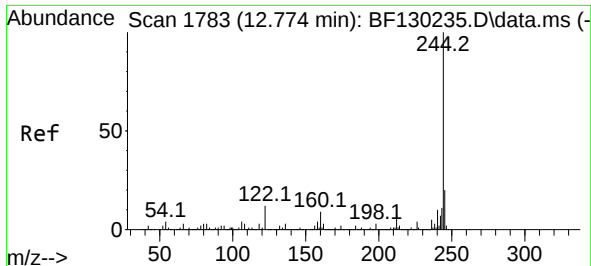
Tgt Ion:188 Resp: 185566
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2
80 8.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130396.D
Acq: 23 Sep 2022 18:08

Tgt Ion:240 Resp: 189819
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.4 20.9 31.3

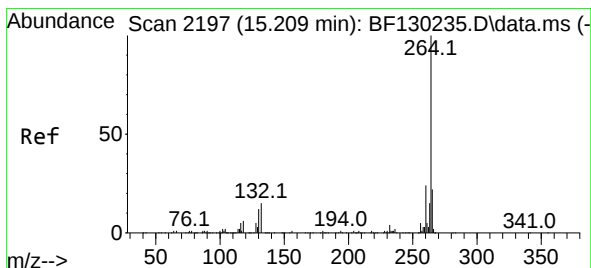
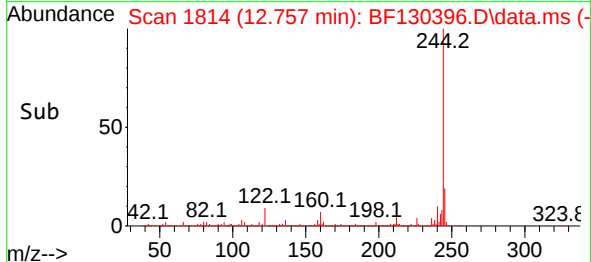
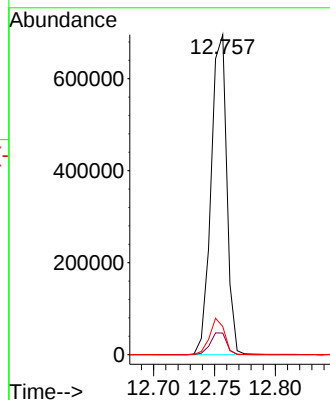
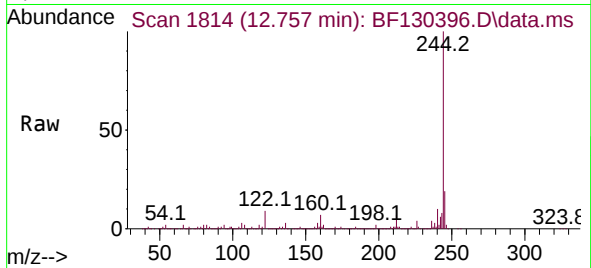




#79
 Terphenyl-d14
 Concen: 54.629 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130396.D
 Acq: 23 Sep 2022 18:08

Instrument :
 BNA_F
 ClientSampleId :
 R2

Tgt Ion:244 Resp: 625996
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.8 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: BF130396.D
 Acq: 23 Sep 2022 18:08

Tgt Ion:264 Resp: 205859
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 22.5 17.0 25.4

