

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130395.D
 Acq On : 23 Sep 2022 17:34
 Operator : CG\JU
 Sample : N4764-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Sep 23 17:57:50 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)

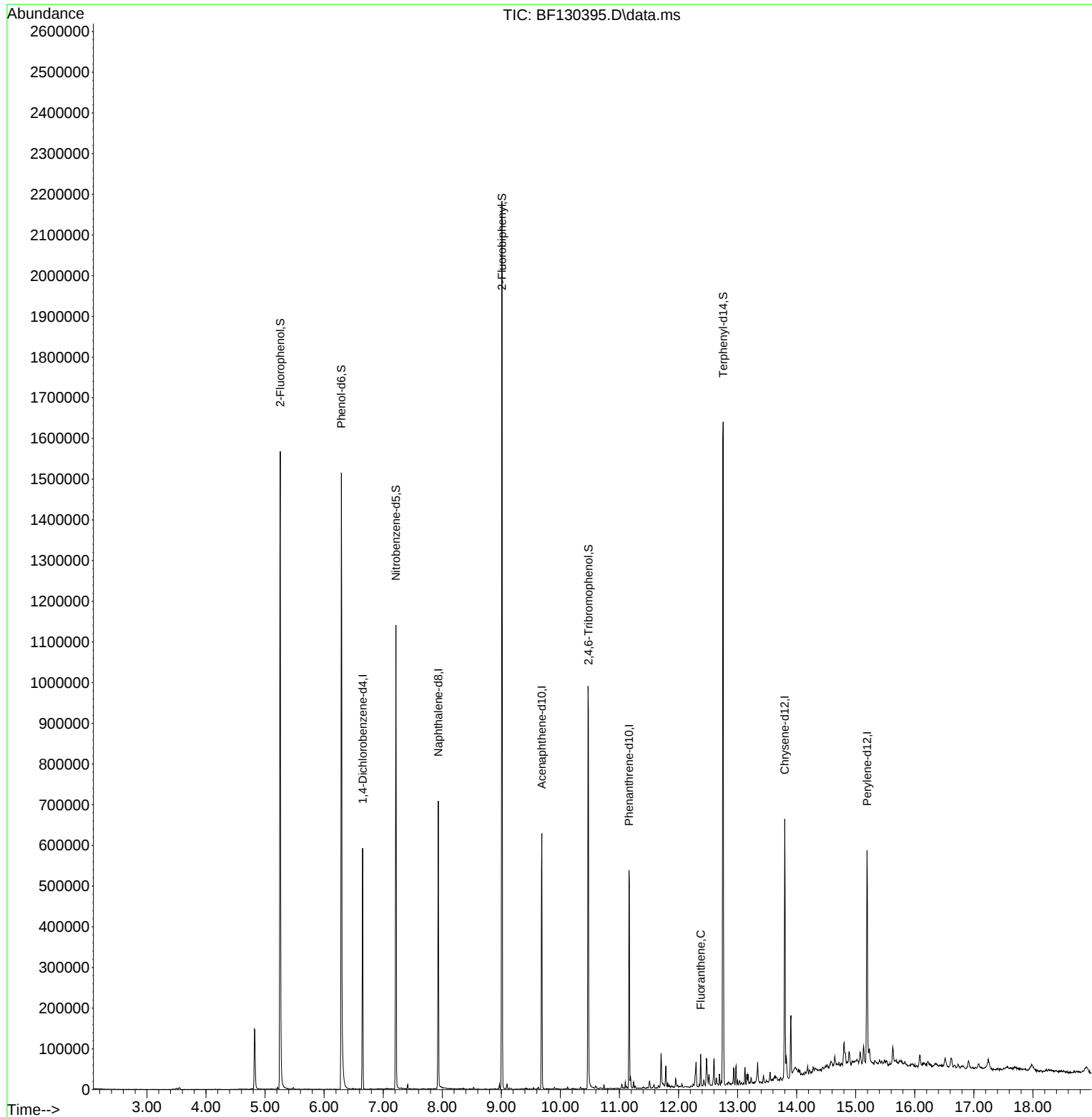
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	75711	20.000	ng	-0.01
21) Naphthalene-d8	7.933	136	269551	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	123998	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	187405	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	193756	20.000	ng	0.00
86) Perylene-d12	15.192	264	219931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	437720	100.277	ng	0.00
7) Phenol-d6	6.292	99	517322	94.717	ng	0.00
23) Nitrobenzene-d5	7.216	82	327242	62.023	ng	-0.02
42) 2,4,6-Tribromophenol	10.474	330	124447	104.741	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	582945	68.459	ng	-0.01
79) Terphenyl-d14	12.757	244	562486	48.089	ng	0.00
Target Compounds						
75) Fluoranthene	12.374	202	27596	2.714	ng	Qvalue 96

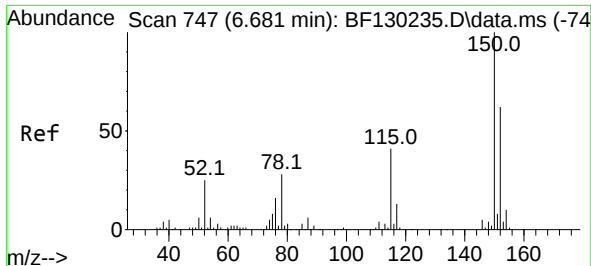
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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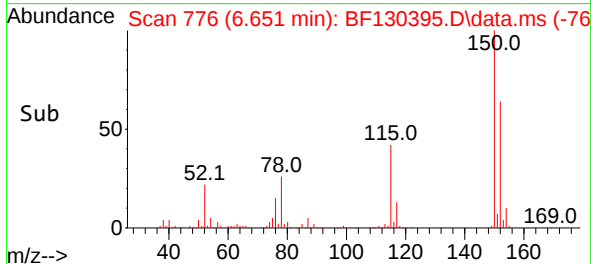
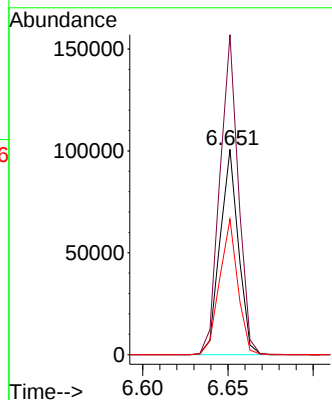
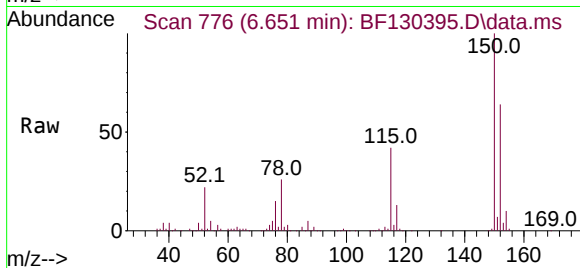




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

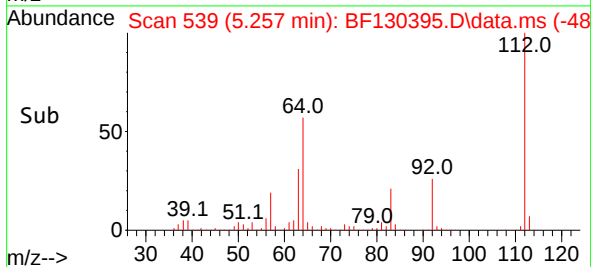
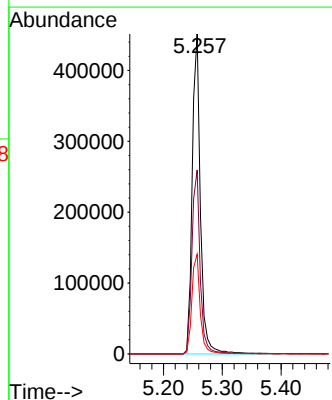
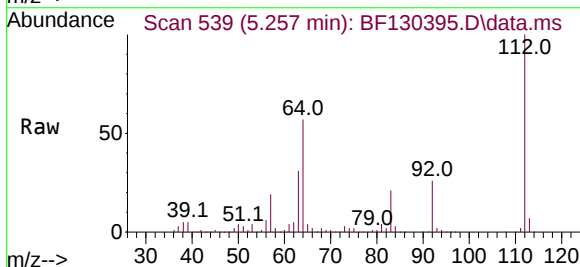
Instrument :
BNA_F
ClientSampleId :
355

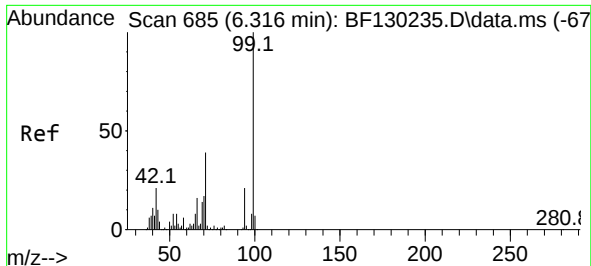
Tgt Ion:152 Resp: 75711
Ion Ratio Lower Upper
152 100
150 156.0 122.8 184.2
115 66.0 53.8 80.8



#5
2-Fluorophenol
Concen: 100.277 ng
RT: 5.257 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

Tgt Ion:112 Resp: 437720
Ion Ratio Lower Upper
112 100
64 57.5 51.4 77.0
63 31.1 28.8 43.2

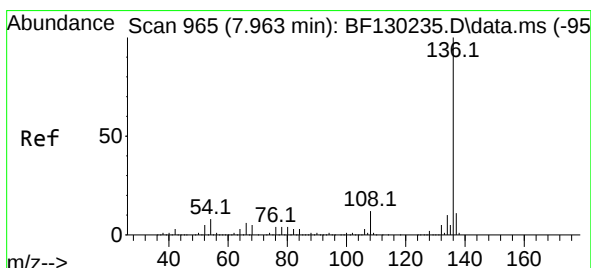
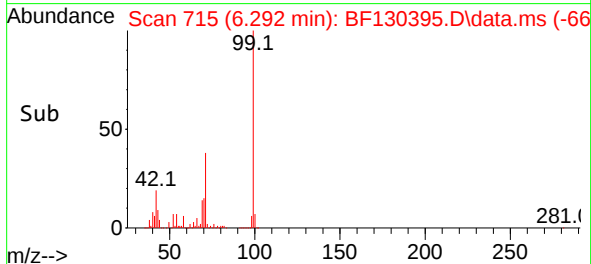
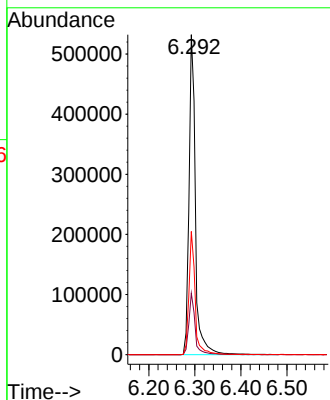
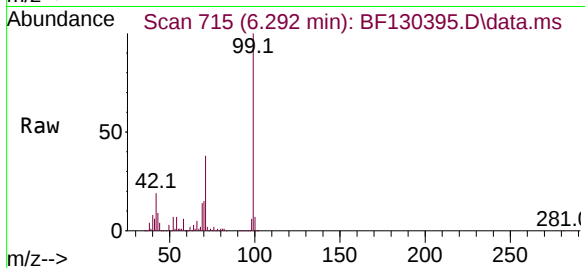




#7
Phenol-d6
Concen: 94.717 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

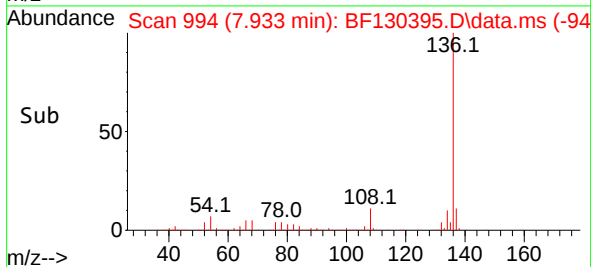
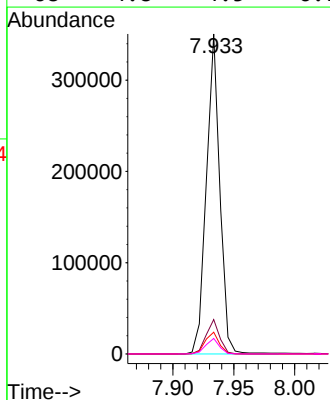
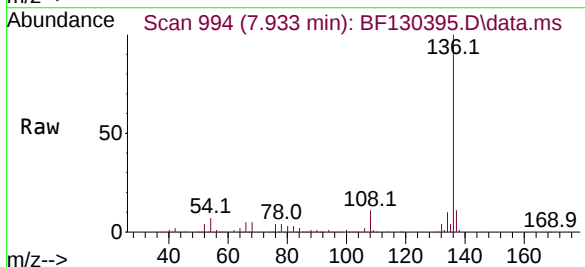
Instrument :
BNA_F
ClientSampleId :
355

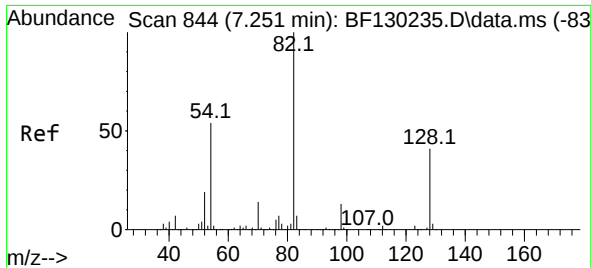
Tgt Ion: 99 Resp: 517322
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 38.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

Tgt Ion: 136 Resp: 269551
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.8 7.1 10.7#
68 4.8 4.5 6.7

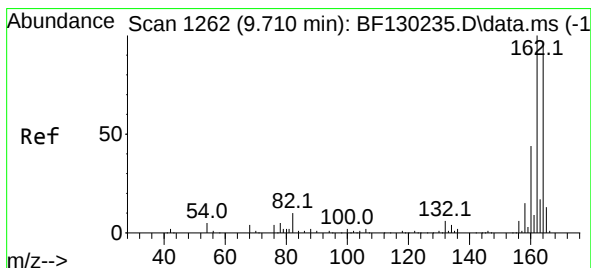
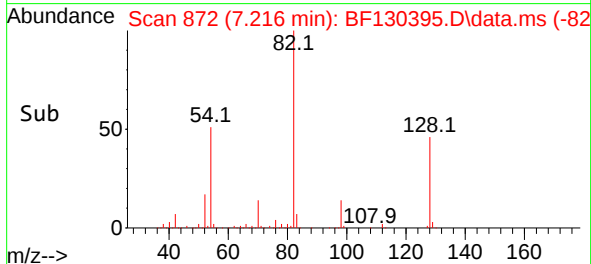
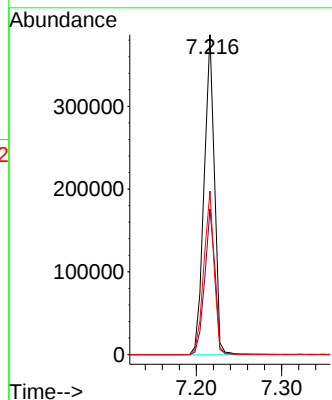
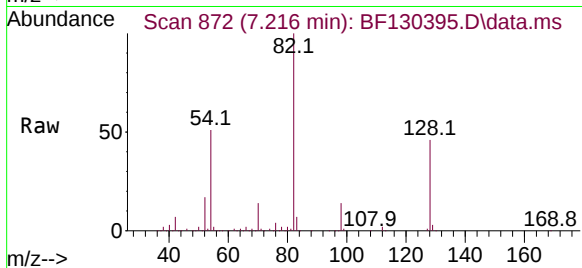




#23
Nitrobenzene-d5
Concen: 62.023 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

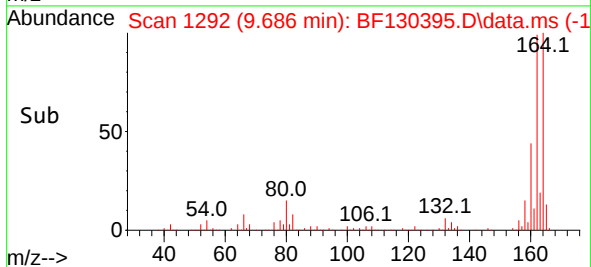
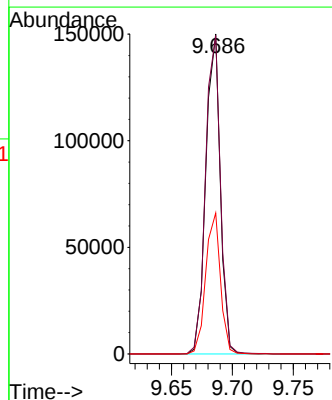
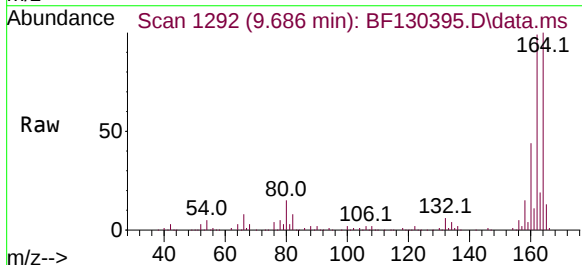
Instrument :
BNA_F
ClientSampleId :
355

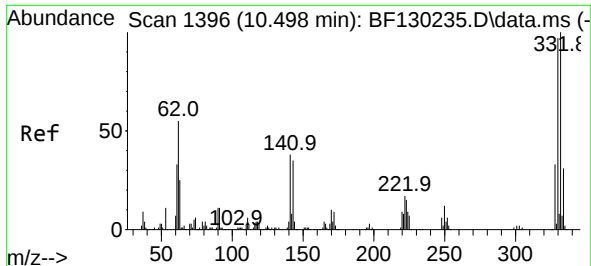
Tgt Ion: 82 Resp: 327242
Ion Ratio Lower Upper
82 100
128 45.5 32.6 49.0
54 51.1 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

Tgt Ion:164 Resp: 123998
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 104.741 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130395.D

Acq: 23 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

355

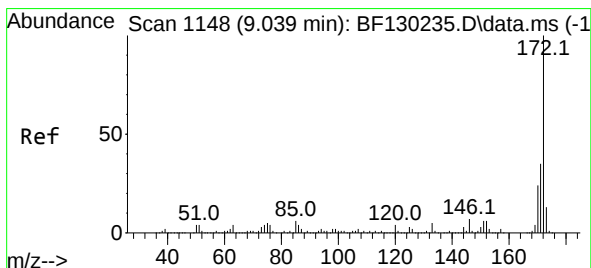
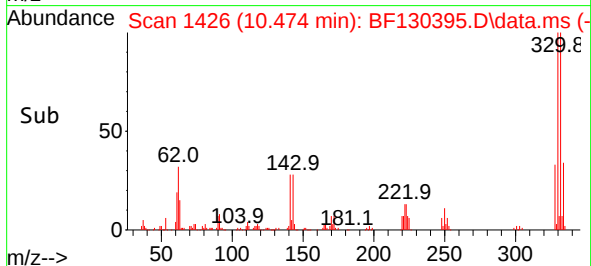
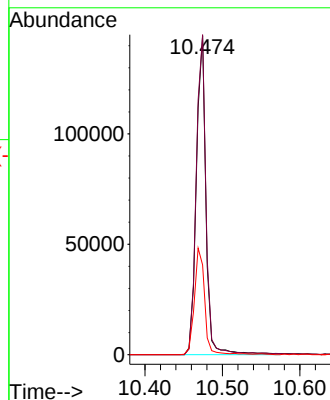
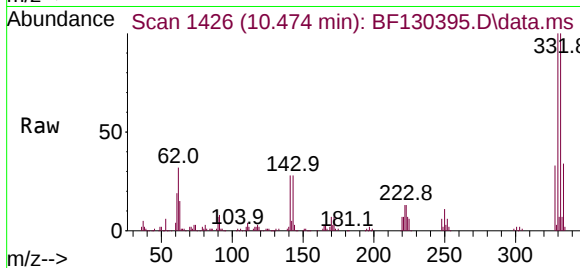
Tgt Ion:330 Resp: 124447

Ion Ratio Lower Upper

330 100

332 101.2 83.4 125.2

141 35.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 68.459 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130395.D

Acq: 23 Sep 2022 17:34

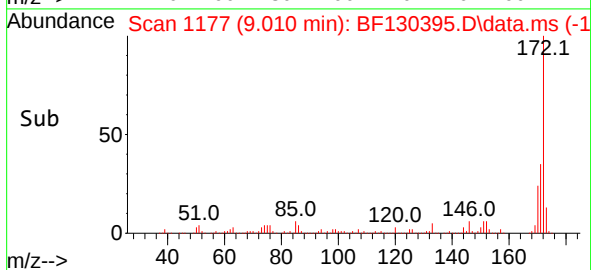
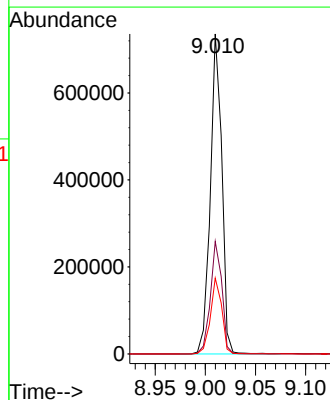
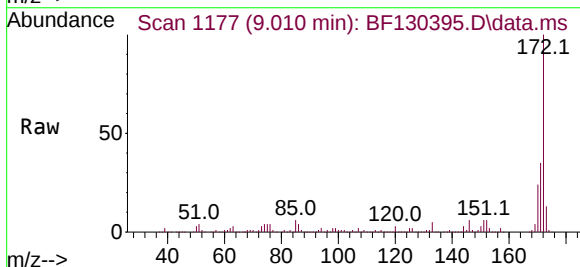
Tgt Ion:172 Resp: 582945

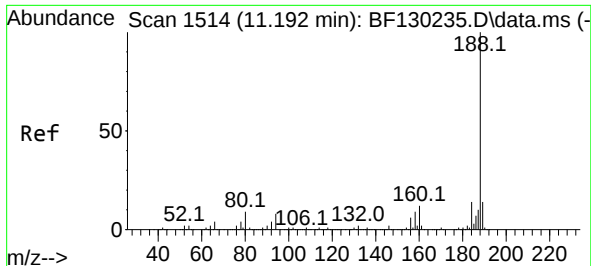
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 18.7 28.1

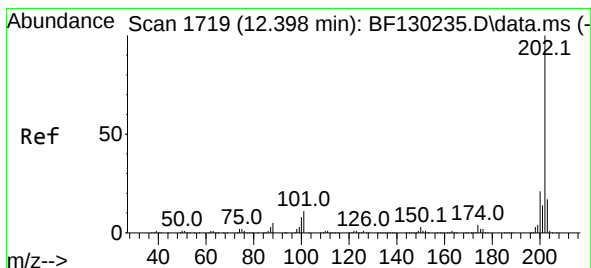
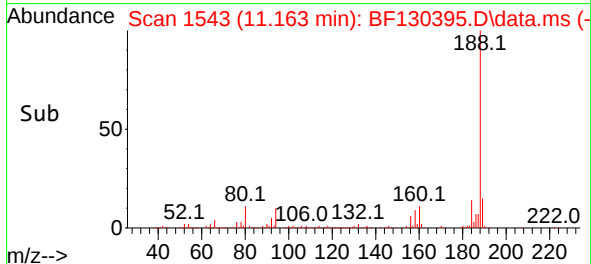
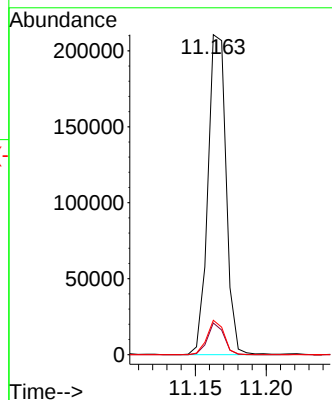
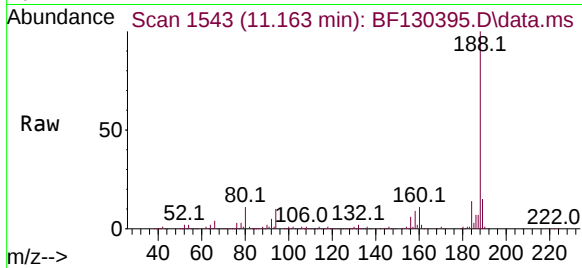




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

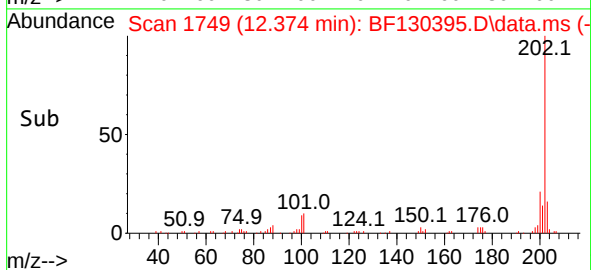
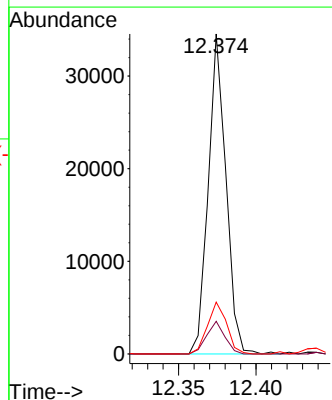
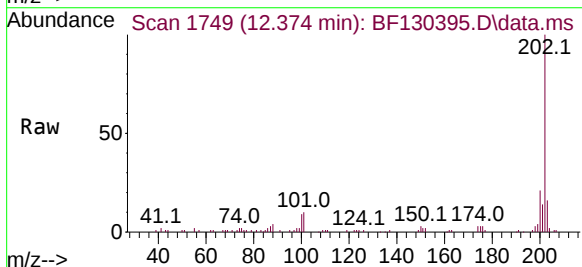
Instrument :
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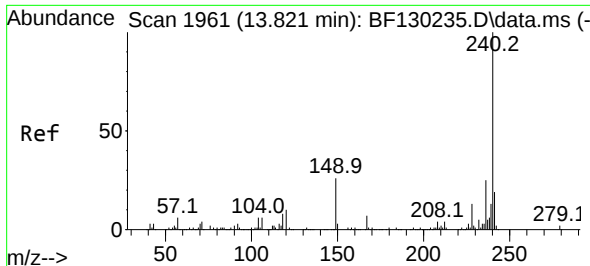
Tgt Ion:188 Resp: 187405
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 7.9 11.9



#75
Fluoranthene
Concen: 2.714 ng
RT: 12.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

Tgt Ion:202 Resp: 27596
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.8
203 16.2 0.0 37.8

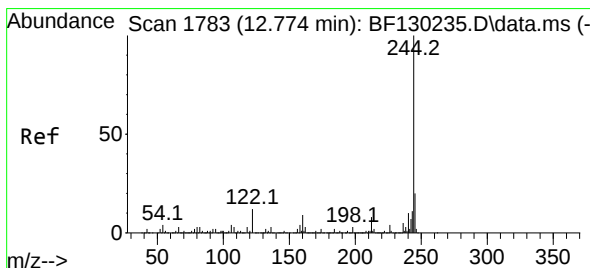
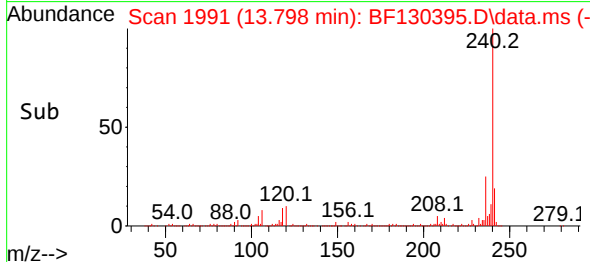
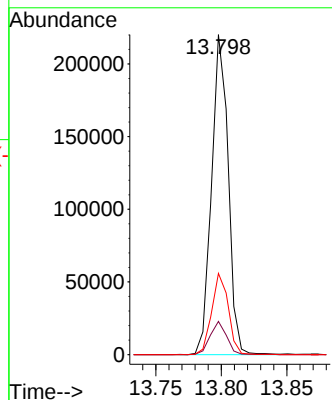
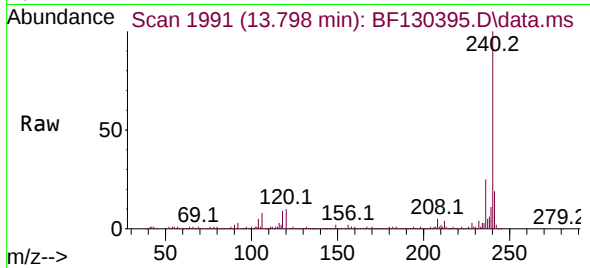




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

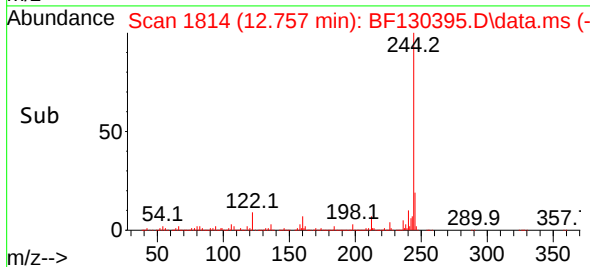
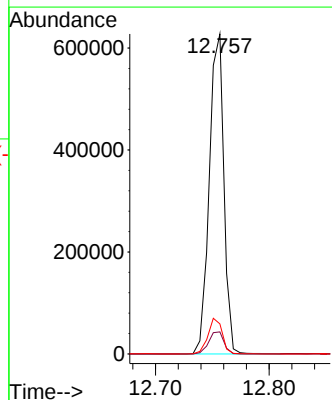
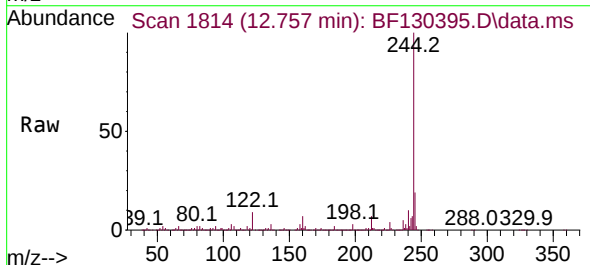
Instrument :
BNA_F
ClientSampleId :
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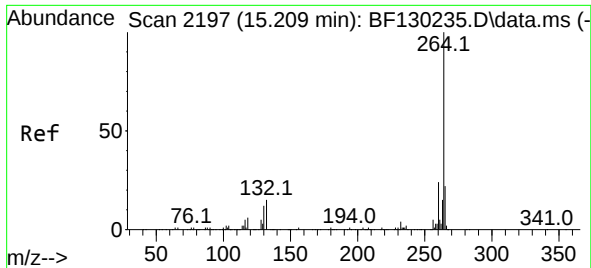
Tgt Ion:240 Resp: 193756
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 48.089 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

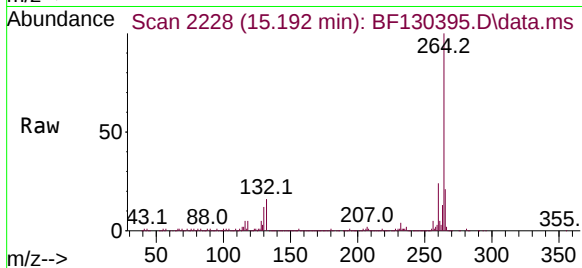
Tgt Ion:244 Resp: 562486
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.4 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130395.D
Acq: 23 Sep 2022 17:34

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 219931

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.3	17.0	25.4

