

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135231.D
 Acq On : 13 Sep 2023 19:48
 Operator : CG\JU
 Sample : 04321-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2345

Quant Time: Sep 14 02:22:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

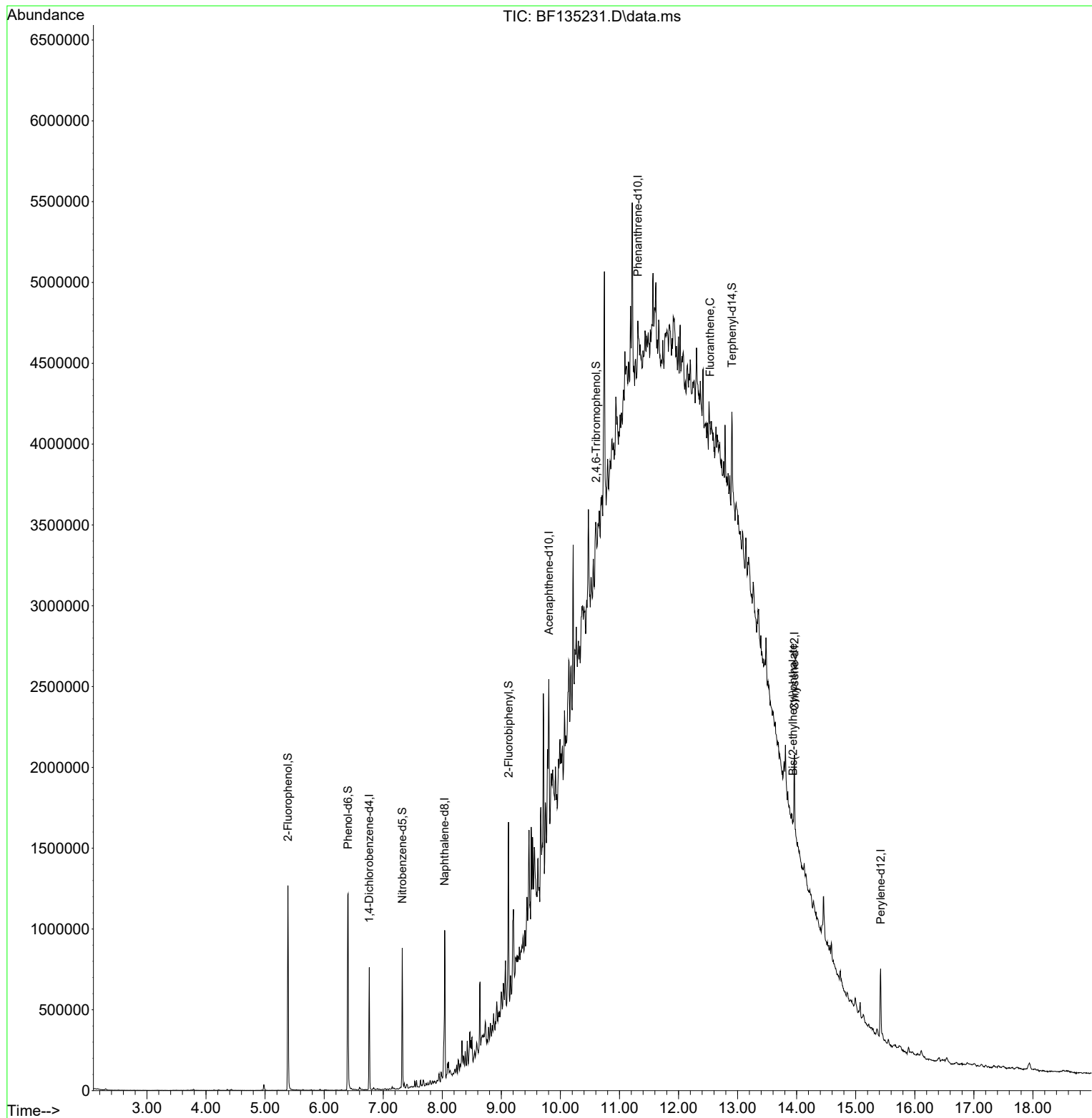
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	100146	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	346815	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	120307	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	155663	20.000	ng	# 0.02
76) Chrysene-d12	13.963	240	181350	20.000	ng	0.02
86) Perylene-d12	15.421	264	200085	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	320245	52.010	ng	0.00
7) Phenol-d6	6.404	99	405261	51.761	ng	0.00
23) Nitrobenzene-d5	7.322	82	227611	35.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	54080	45.234	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	321605	40.331	ng	0.00
79) Terphenyl-d14	12.904	244	219412	18.755	ng	0.01
Target Compounds						
75) Fluoranthene	12.533	202	21310	2.778	ng	# 53
84) Bis(2-ethylhexyl)phtha...	13.939	149	14042	2.251	ng	# 80

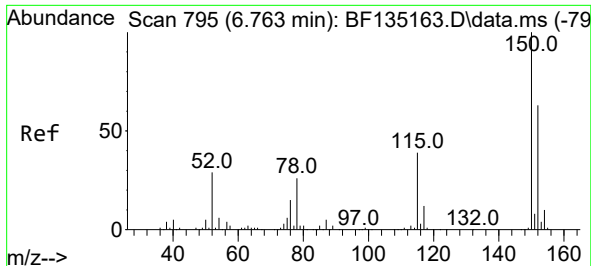
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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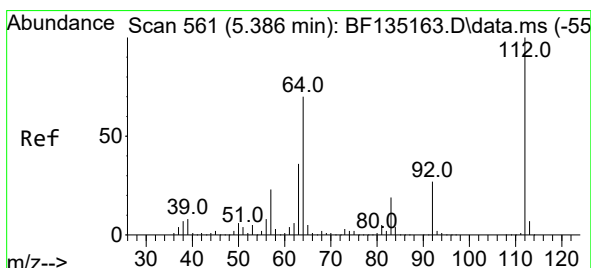
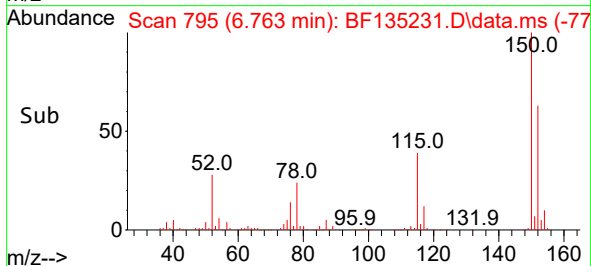
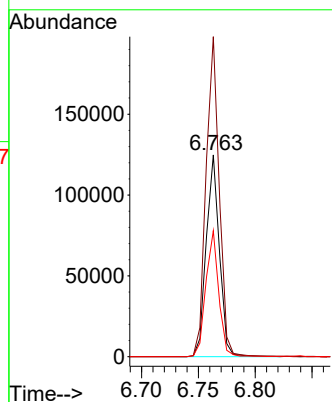
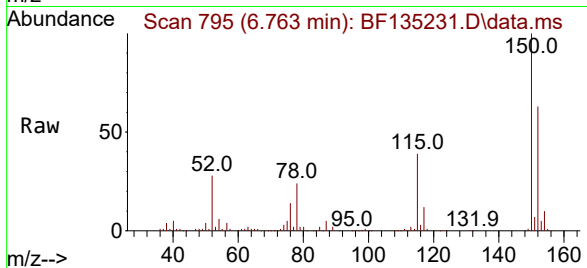




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135231.D
Acq: 13 Sep 2023 19:48

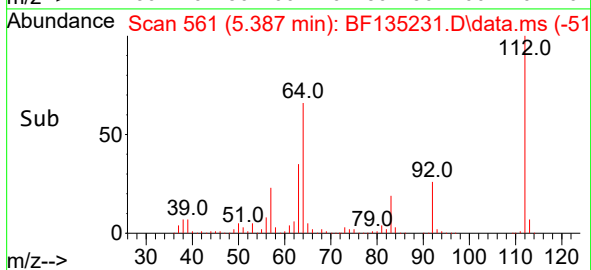
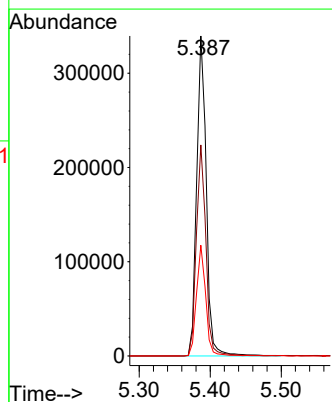
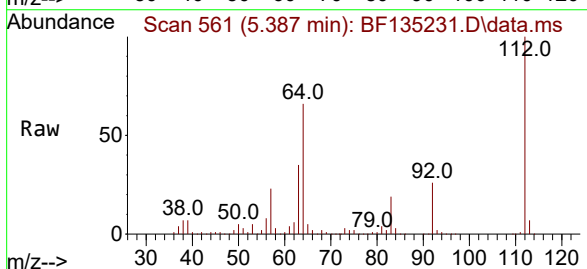
Instrument :
BNA_F
ClientSampleId :
RT2345

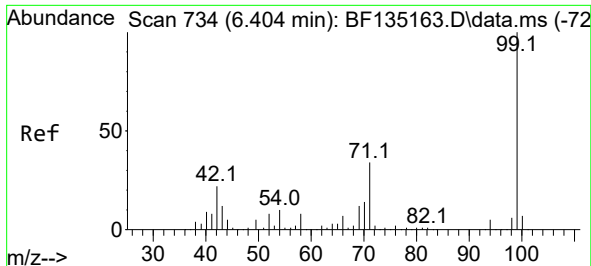
Tgt Ion:152 Resp: 100146
Ion Ratio Lower Upper
152 100
150 158.6 127.8 191.6
115 62.4 49.8 74.8



#5
2-Fluorophenol
Concen: 52.010 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135231.D
Acq: 13 Sep 2023 19:48

Tgt Ion:112 Resp: 320245
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.6 29.0 43.6





#7

Phenol-d6

Concen: 51.761 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

BNA_F

ClientSampleId :

RT2345

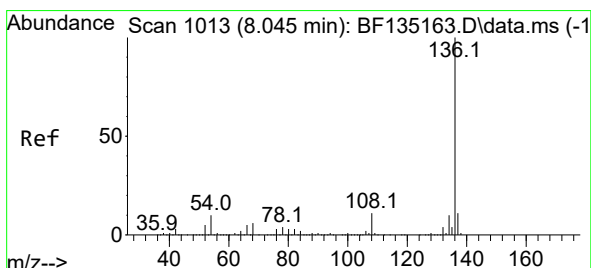
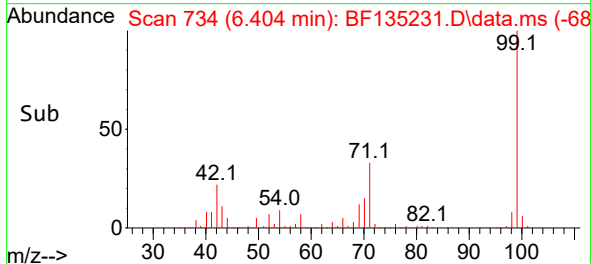
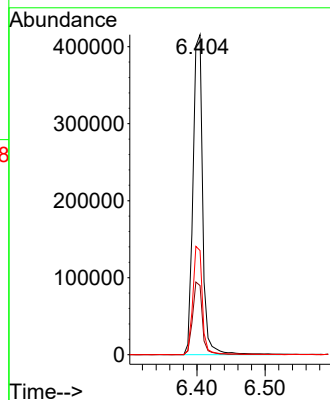
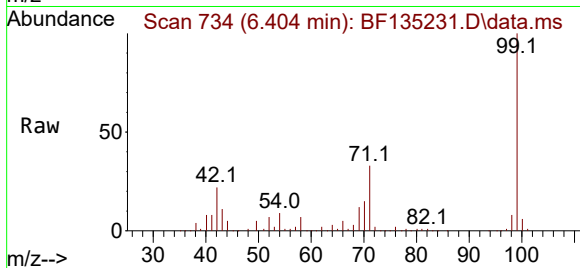
Tgt Ion: 99 Resp: 405261

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

71 32.6 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Tgt Ion: 136 Resp: 346815

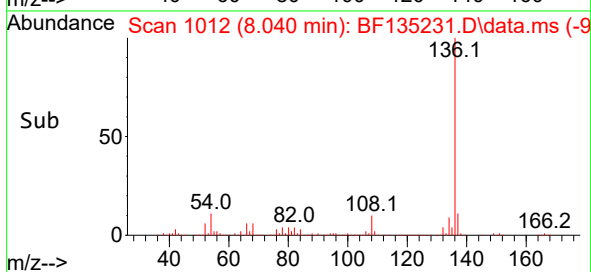
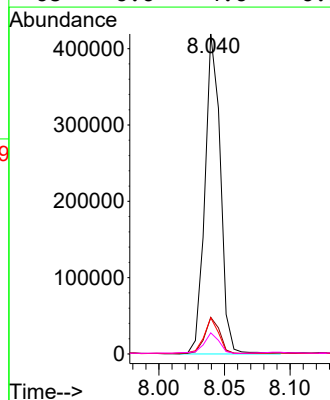
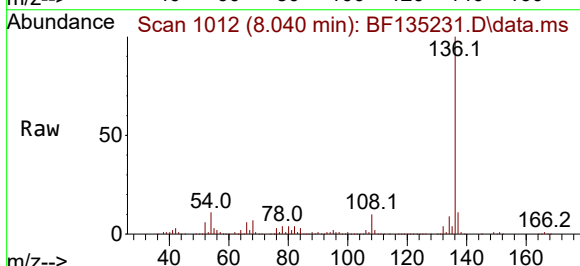
Ion Ratio Lower Upper

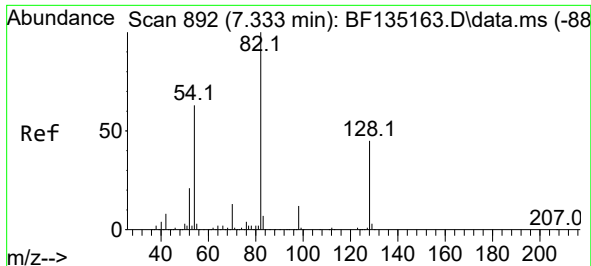
136 100

137 11.5 8.8 13.2

54 11.3 7.7 11.5

68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 35.656 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

BNA_F

ClientSampleId :

RT2345

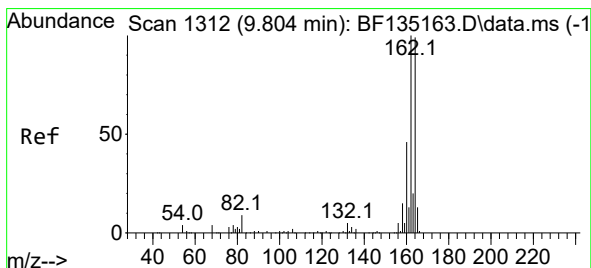
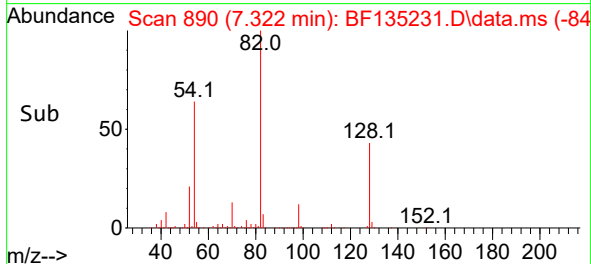
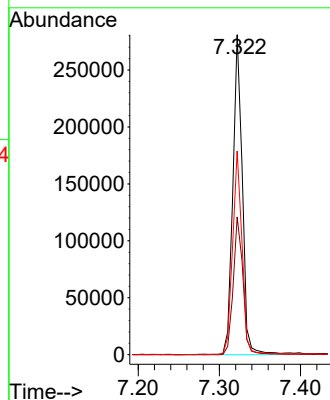
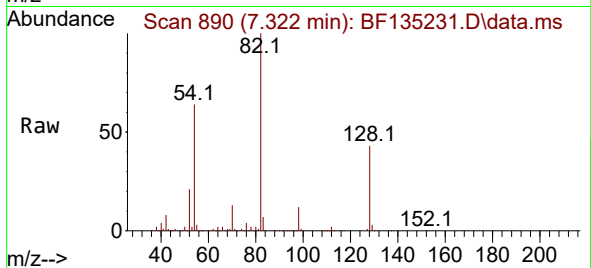
Tgt Ion: 82 Resp: 227611

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

54 63.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

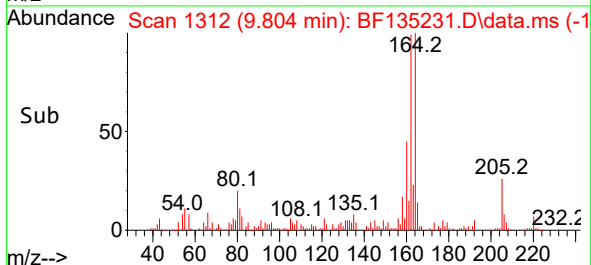
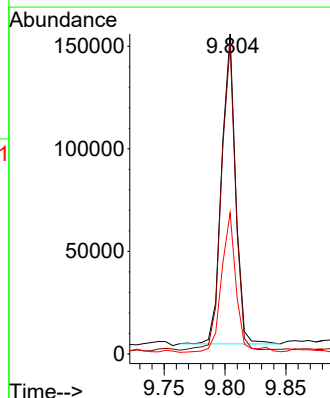
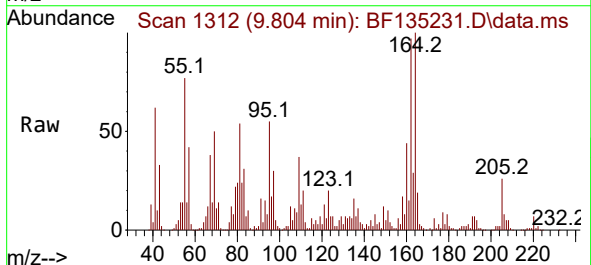
Tgt Ion: 164 Resp: 120307

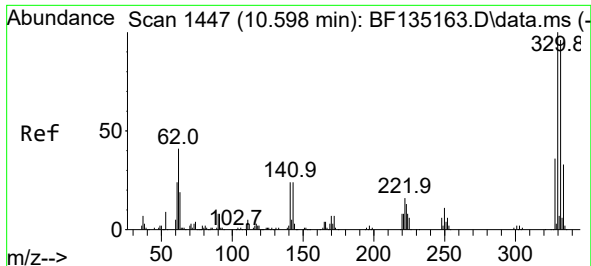
Ion Ratio Lower Upper

164 100

162 97.0 81.0 121.4

160 44.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 45.234 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

BNA_F

ClientSampleId :

RT2345

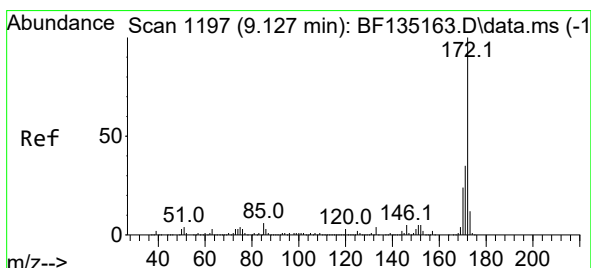
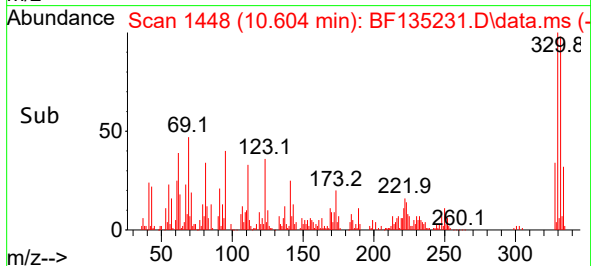
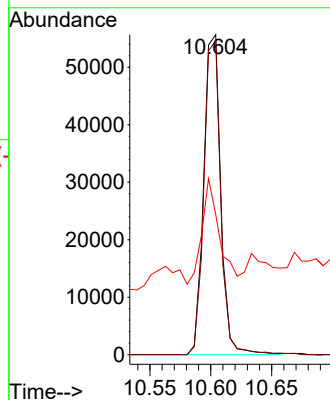
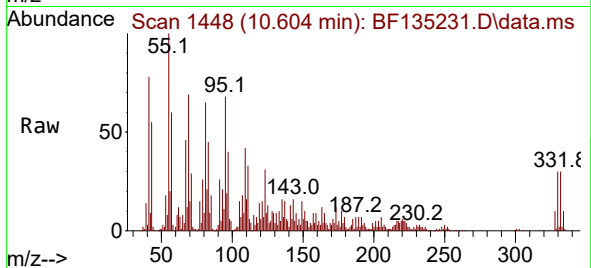
Tgt Ion:330 Resp: 54080

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 40.331 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

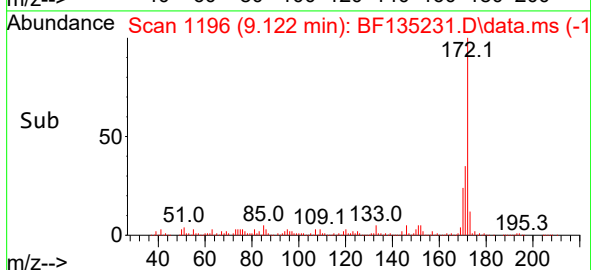
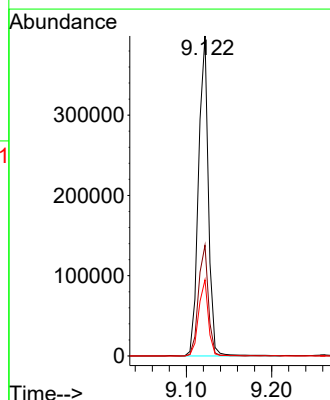
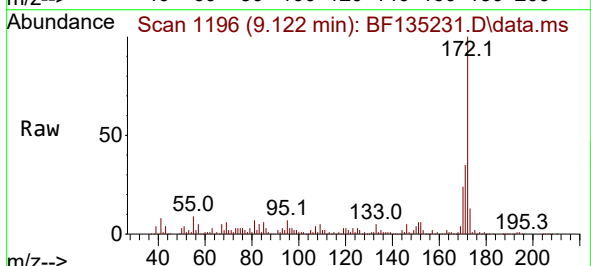
Tgt Ion:172 Resp: 321605

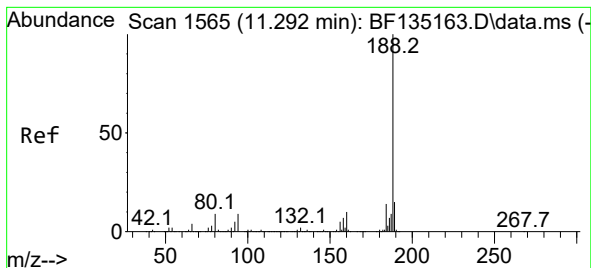
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1566

Delta R.T. 0.018 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

BNA_F

ClientSampleId :

RT2345

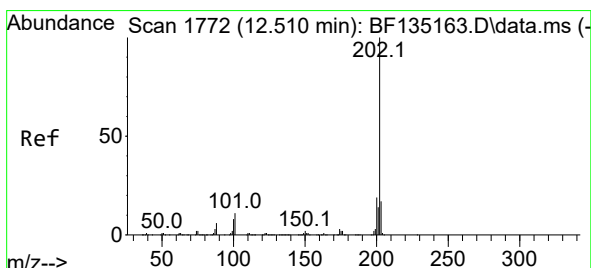
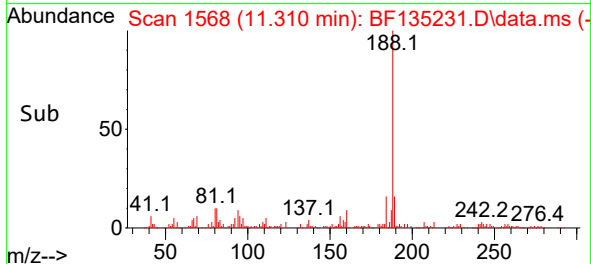
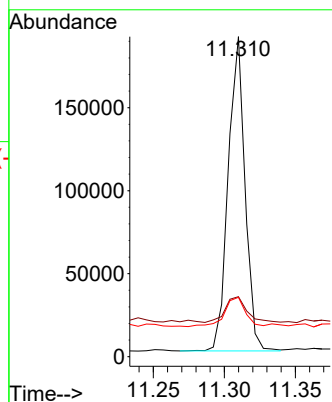
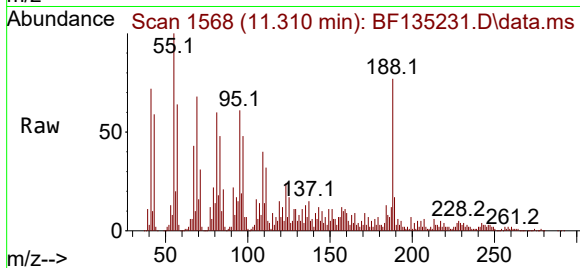
Tgt Ion:188 Resp: 155663

Ion Ratio Lower Upper

188 100

94 18.8 7.0 10.6#

80 18.5 7.5 11.3#



#75

Fluoranthene

Concen: 2.778 ng

RT: 12.533 min Scan# 1776

Delta R.T. 0.024 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

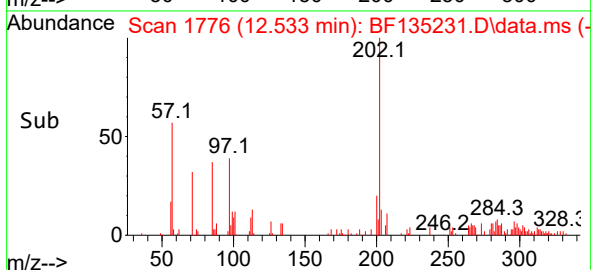
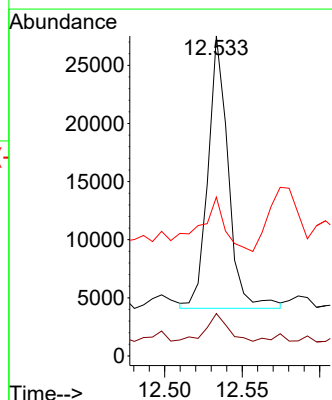
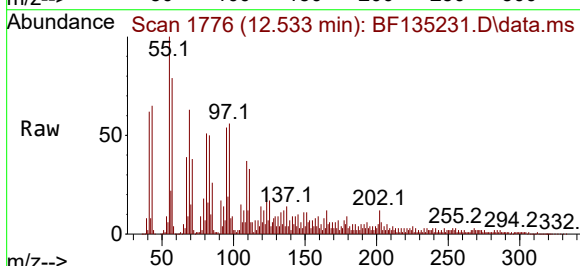
Tgt Ion:202 Resp: 21310

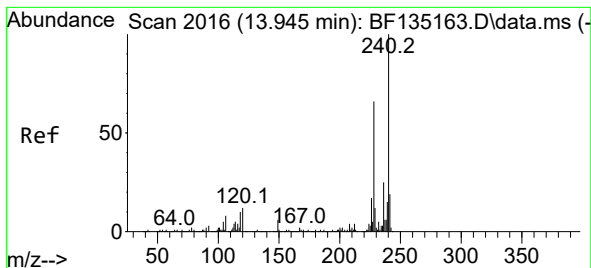
Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.3

203 49.7 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

BNA_F

ClientSampleId :

RT2345

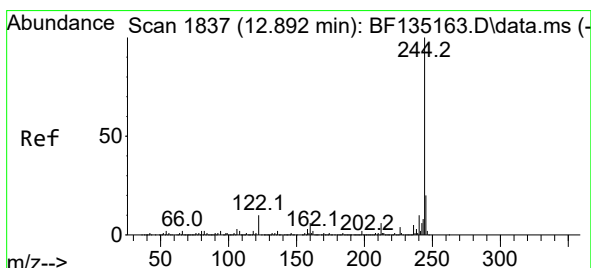
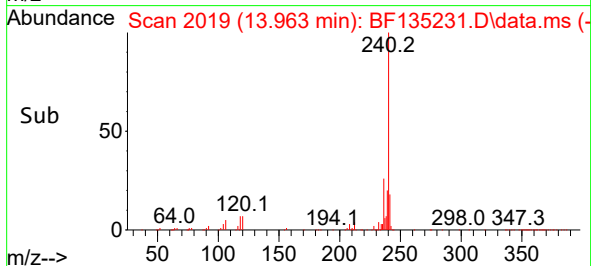
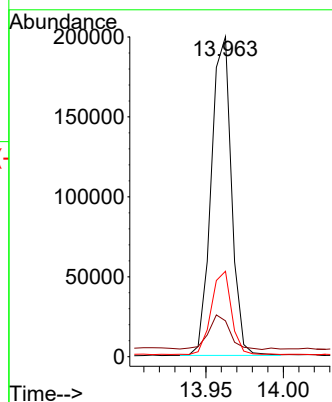
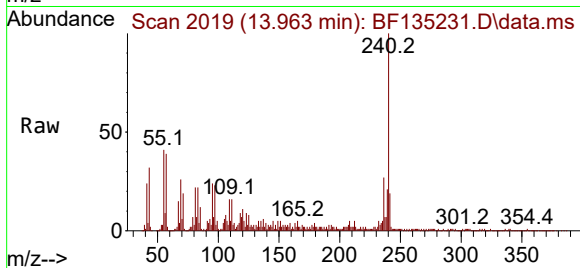
Tgt Ion:240 Resp: 181350

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.7 19.8 29.8



#79

Terphenyl-d14

Concen: 18.755 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

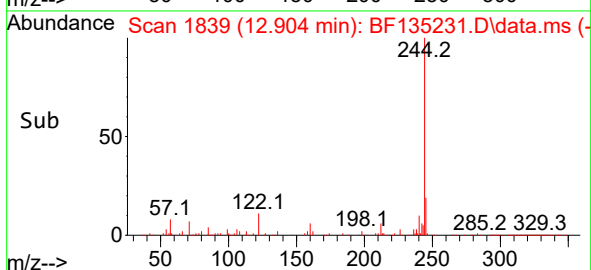
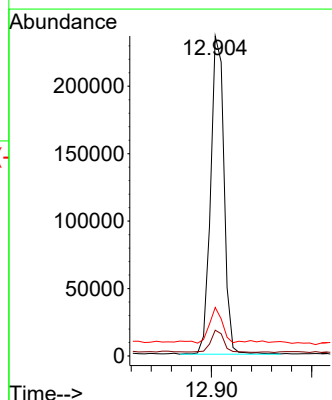
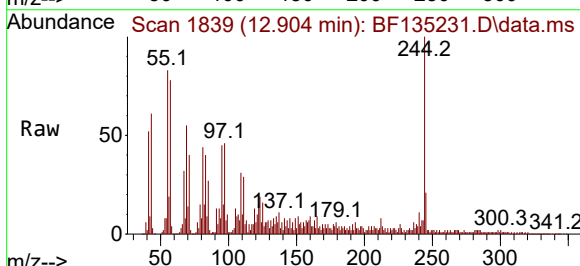
Tgt Ion:244 Resp: 219412

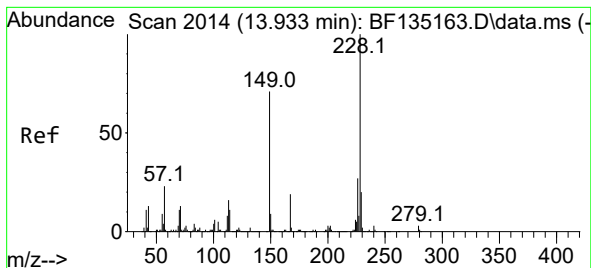
Ion Ratio Lower Upper

244 100

212 8.0 5.1 7.7#

122 15.1 7.9 11.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.251 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Instrument :

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ClientSampleId :

RT2345

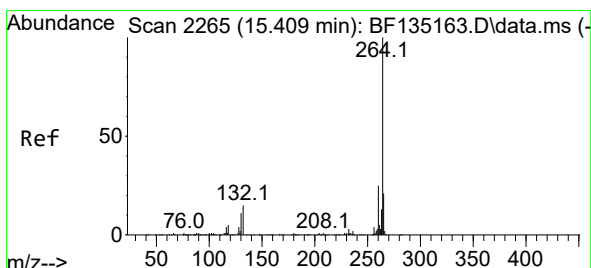
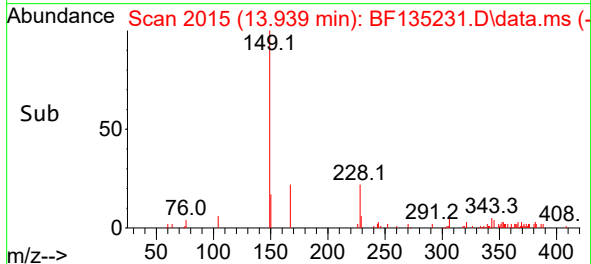
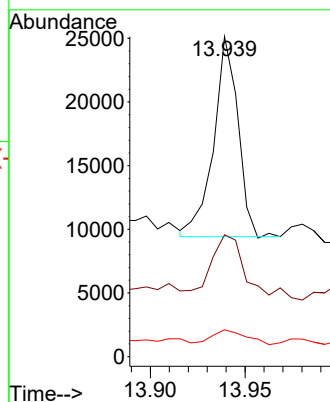
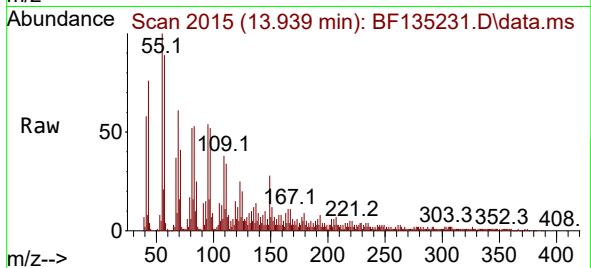
Tgt Ion:149 Resp: 14042

Ion Ratio Lower Upper

149 100

167 38.1 21.9 32.9#

279 8.4 3.3 4.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF135231.D

Acq: 13 Sep 2023 19:48

Tgt Ion:264 Resp: 200085

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.0 17.0 25.4

