

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135032.D
 Acq On : 31 Aug 2023 06:04
 Operator : CG\JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-082523

Quant Time: Aug 31 07:04:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	141405	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	490740	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	200704	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	316964	20.000	ng	0.00
76) Chrysene-d12	13.962	240	286321	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	211473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	300154	32.787	ng	0.00
7) Phenol-d6	6.404	99	350121	30.683	ng	-0.01
23) Nitrobenzene-d5	7.328	82	202645	23.199	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	55576	26.104	ng	-0.01
45) 2-Fluorobiphenyl	9.127	172	308674	25.040	ng	-0.01
79) Terphenyl-d14	12.910	244	269012	15.332	ng	0.00

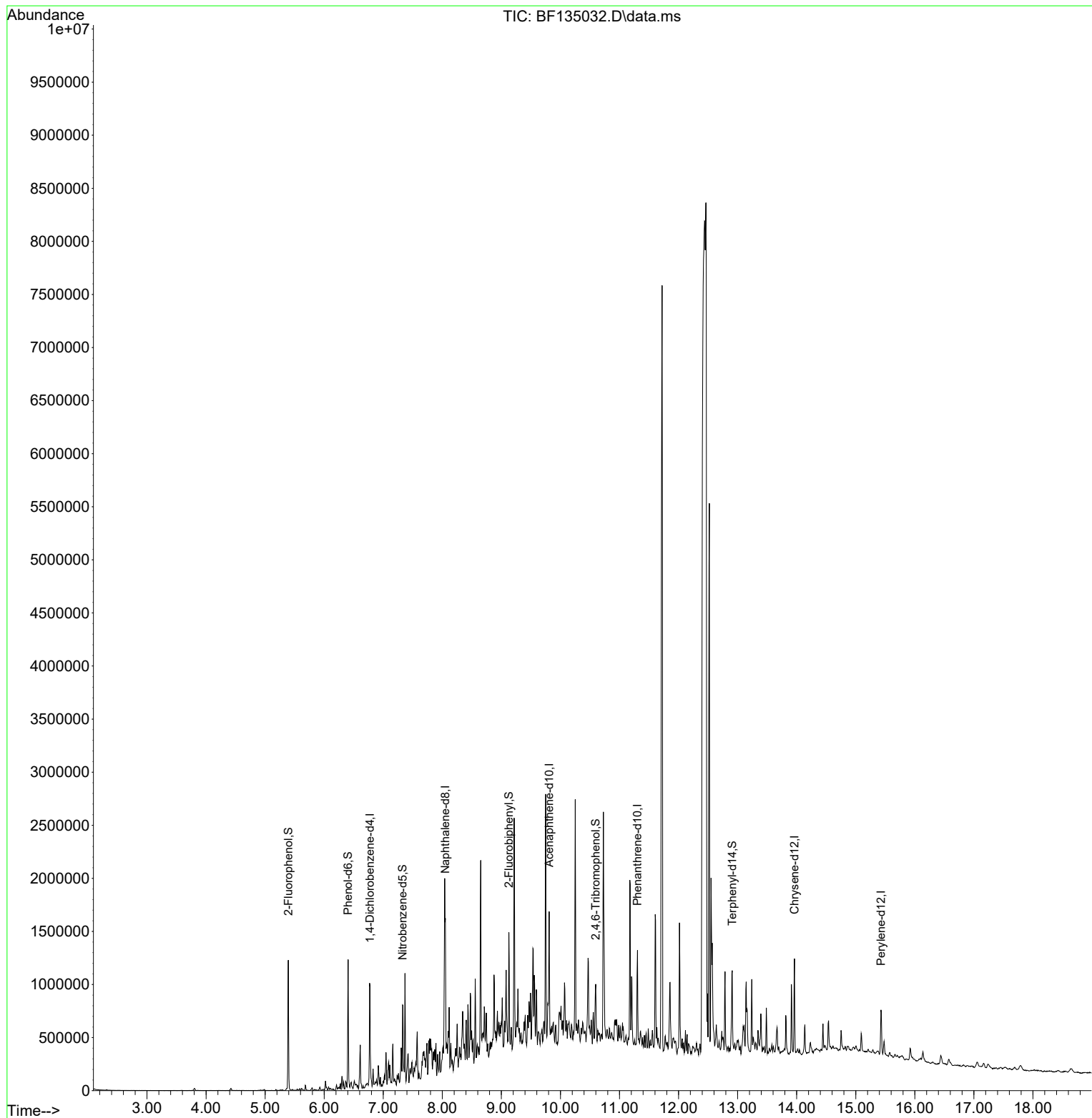
Target Compounds	Qvalue

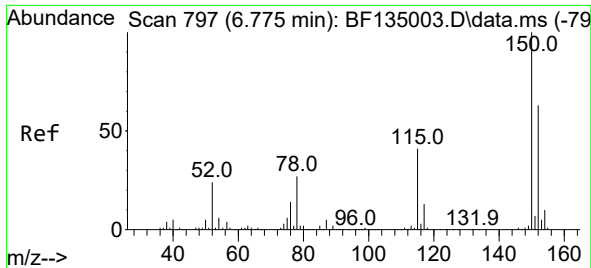
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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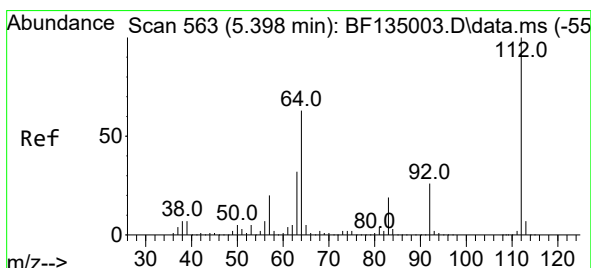
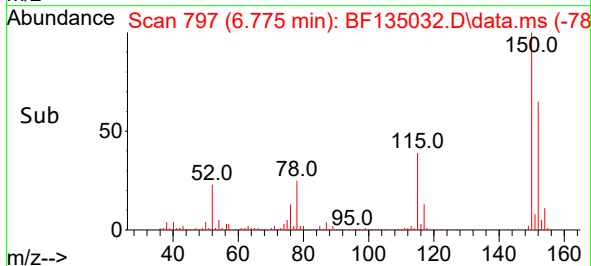
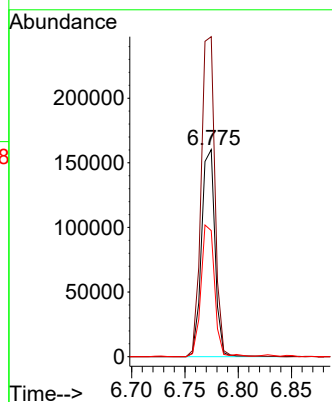
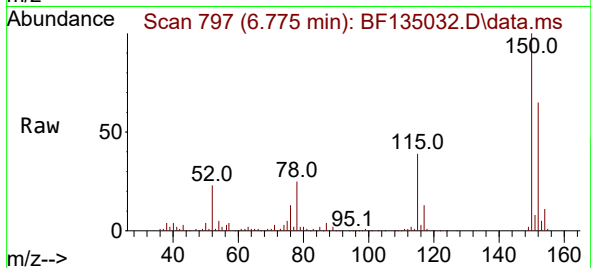




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF135032.D
 Acq: 31 Aug 2023 06:04

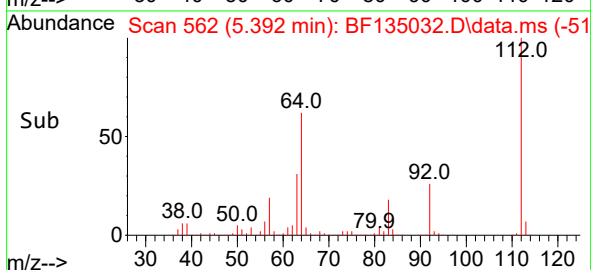
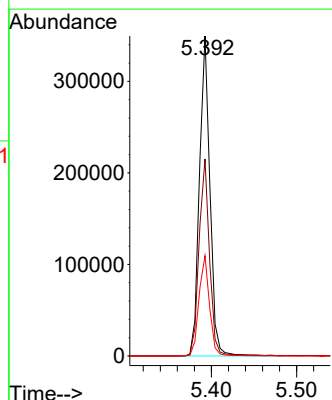
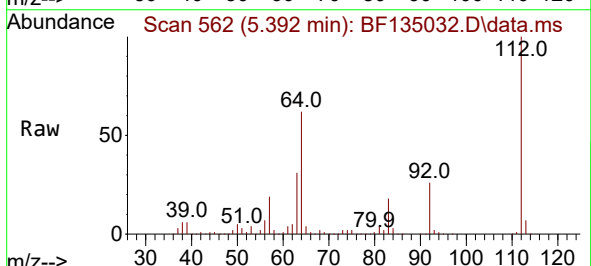
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-082523

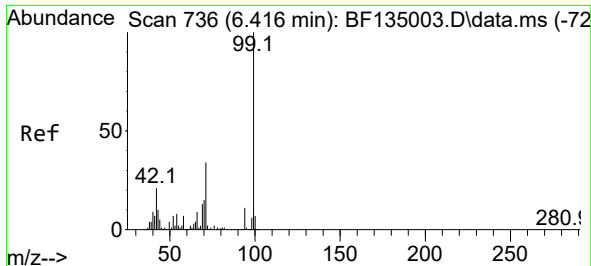
Tgt Ion:152 Resp: 141405
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.4
 115 60.9 51.2 76.8



#5
 2-Fluorophenol
 Concen: 32.787 ng
 RT: 5.392 min Scan# 562
 Delta R.T. -0.006 min
 Lab File: BF135032.D
 Acq: 31 Aug 2023 06:04

Tgt Ion:112 Resp: 300154
 Ion Ratio Lower Upper
 112 100
 64 61.6 50.5 75.7
 63 31.3 25.9 38.9

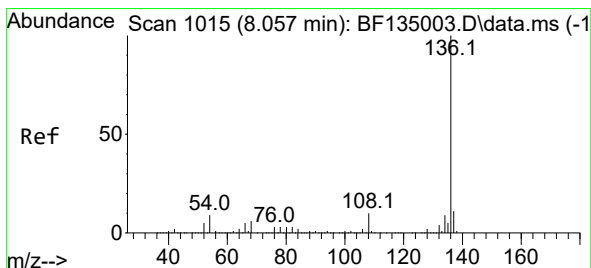
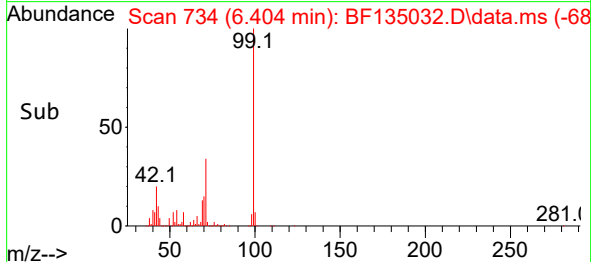
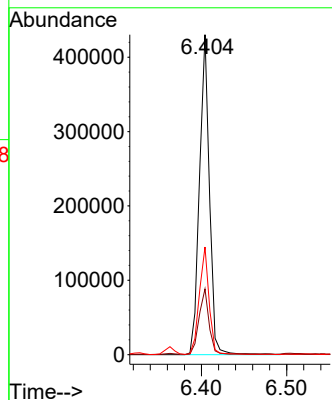
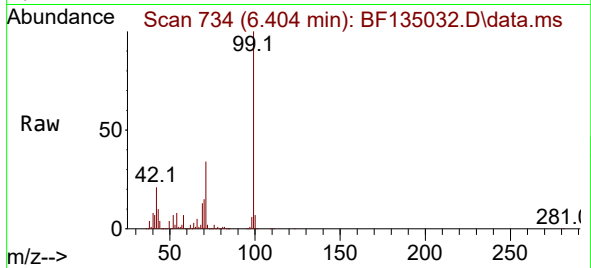




#7
Phenol-d6
Concen: 30.683 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

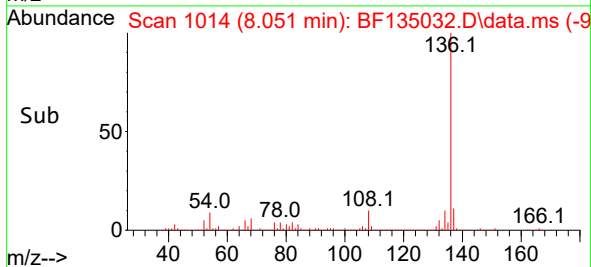
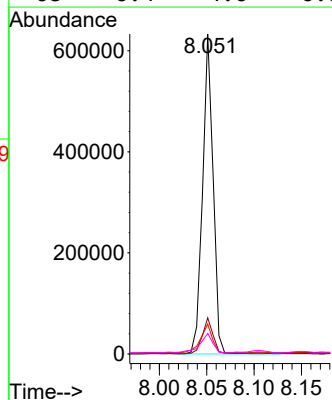
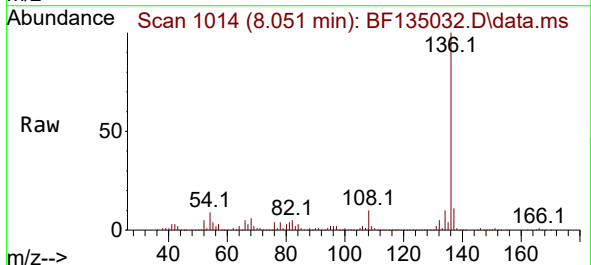
Instrument :
BNA_F
ClientSampleId :
HR-04-082523

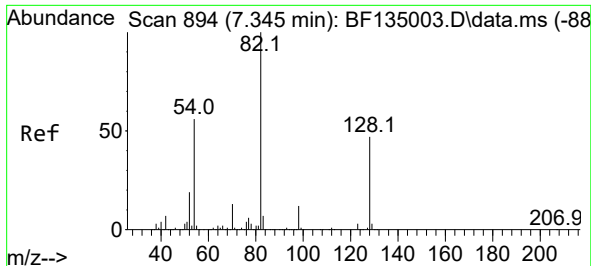
Tgt Ion: 99 Resp: 350121
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 33.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Tgt Ion: 136 Resp: 490740
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.4 7.0 10.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 23.199 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

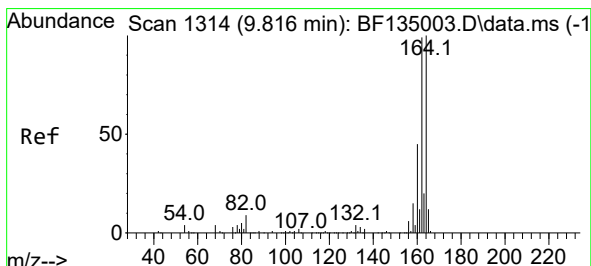
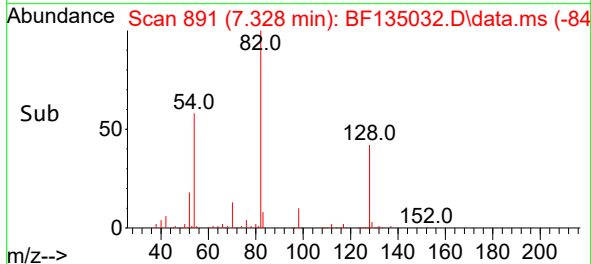
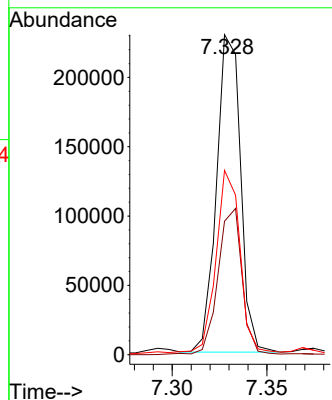
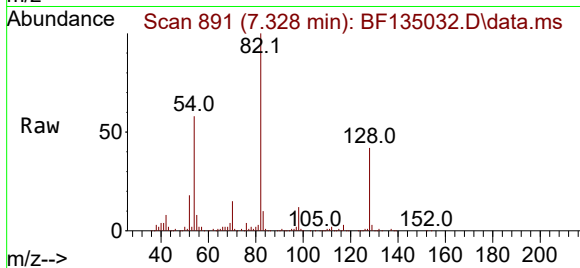
Tgt Ion: 82 Resp: 202645

Ion Ratio Lower Upper

82 100

128 41.7 37.8 56.8

54 57.6 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

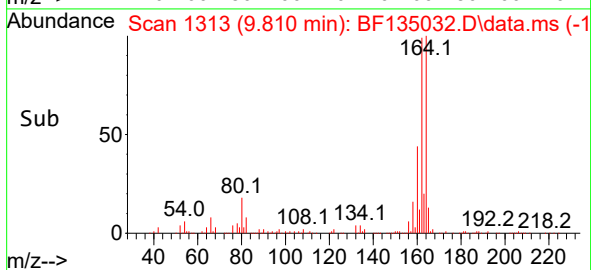
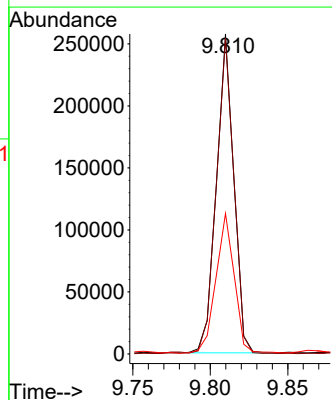
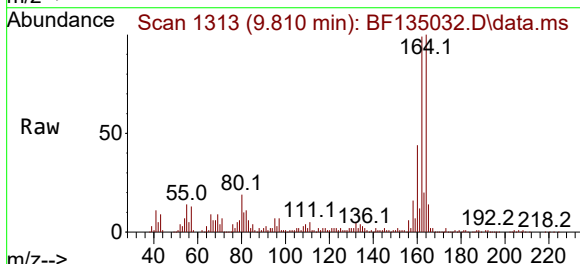
Tgt Ion: 164 Resp: 200704

Ion Ratio Lower Upper

164 100

162 98.7 79.5 119.3

160 43.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 26.104 ng

RT: 10.598 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

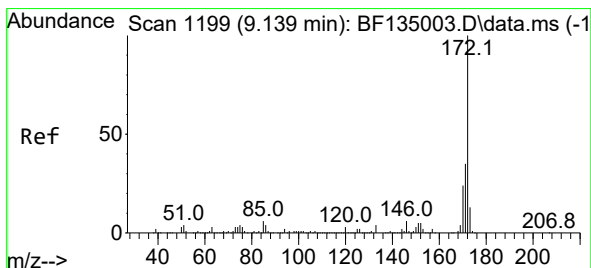
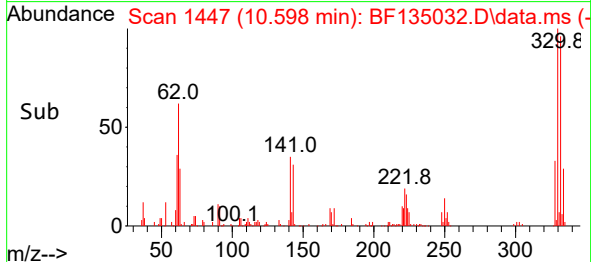
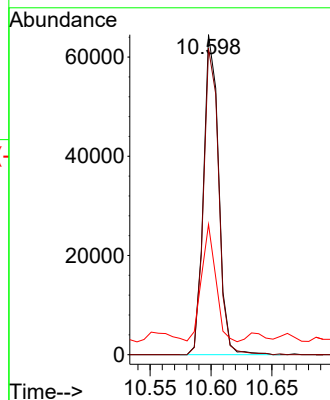
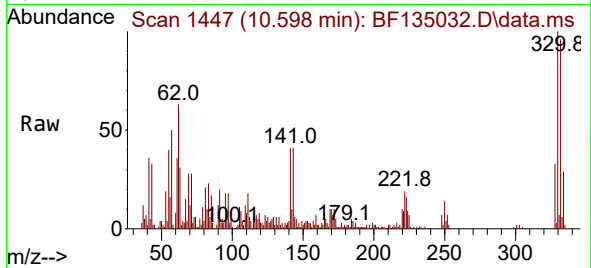
Tgt Ion:330 Resp: 55576

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 34.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 25.040 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

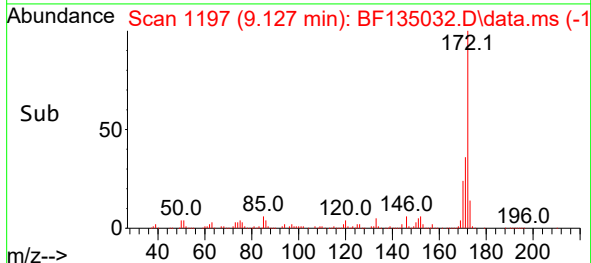
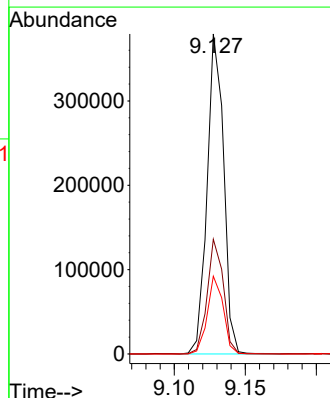
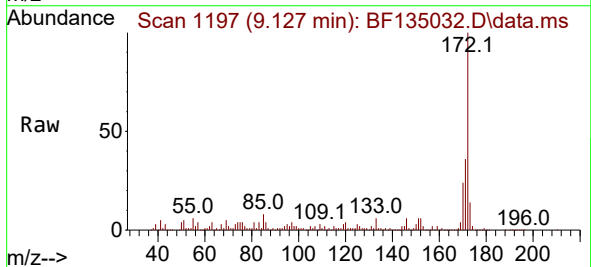
Tgt Ion:172 Resp: 308674

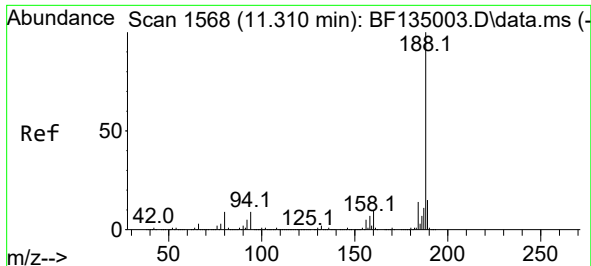
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.3 19.0 28.4

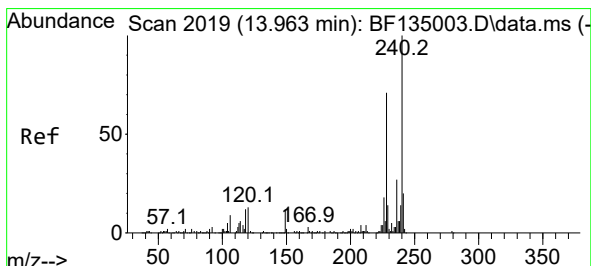
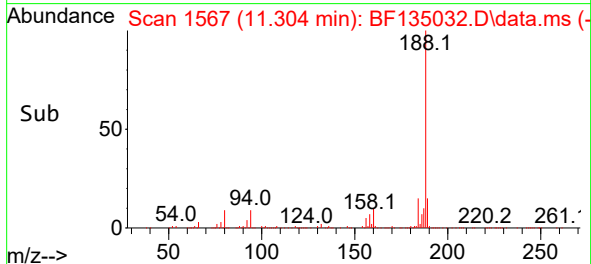
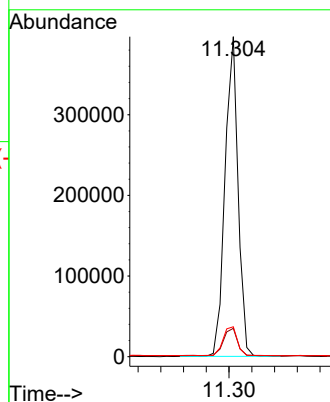
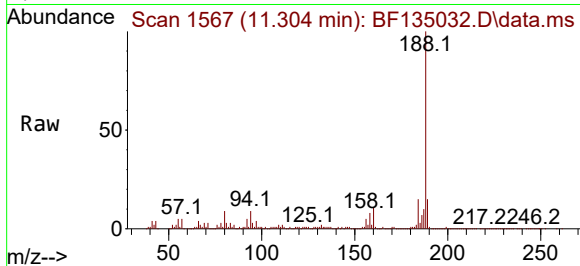




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

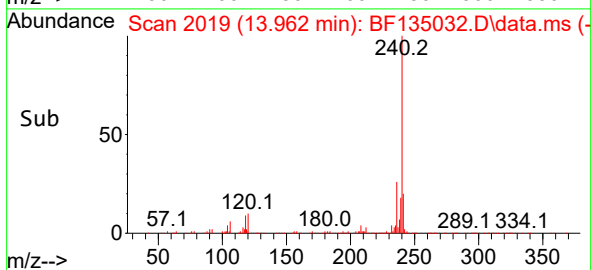
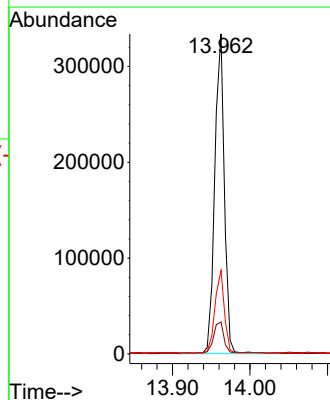
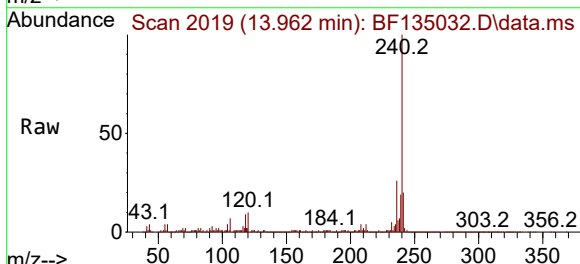
Instrument :
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HR-04-082523

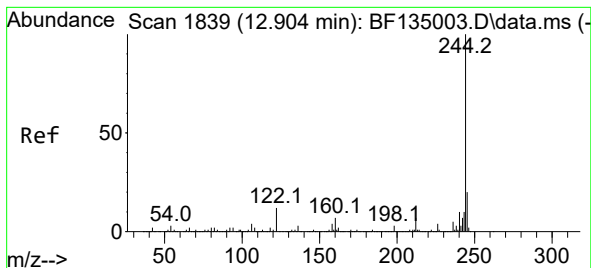
Tgt Ion:188 Resp: 316964
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.4 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Tgt Ion:240 Resp: 286321
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2#
236 26.1 21.3 31.9





#79

Terphenyl-d14

Concen: 15.332 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.006 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

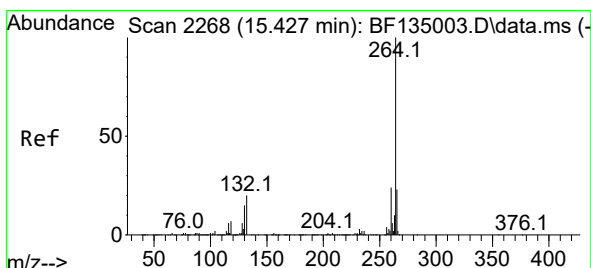
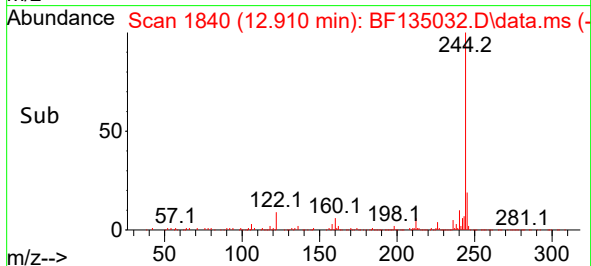
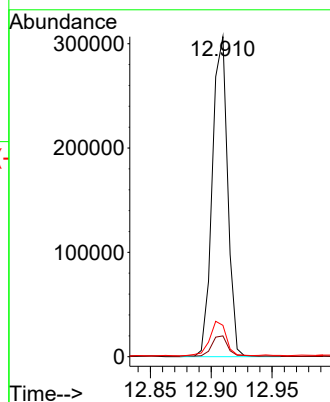
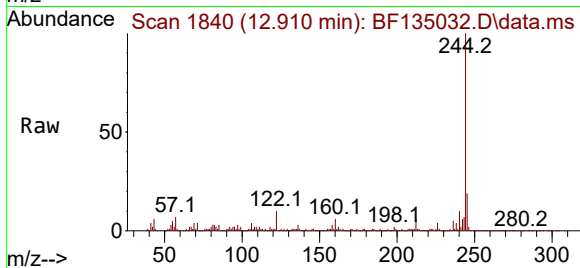
Tgt Ion:244 Resp: 269012

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Tgt Ion:264 Resp: 211473

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.1 18.2 27.2

