

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135137.D
 Acq On : 07 Sep 2023 16:44
 Operator : CG\JU
 Sample : 04283-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Sep 07 17:18:31 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	6.769	152	100316	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	416647	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	210770	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	365461	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	190780	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	206526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	691857	106.529	ng	0.01
7) Phenol-d6	6.410	99	856365	105.789	ng	0.00
23) Nitrobenzene-d5	7.334	82	525770	70.895	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	231699	103.630	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	932531	72.034	ng	-0.01
79) Terphenyl-d14	12.898	244	860414	73.598	ng	0.00

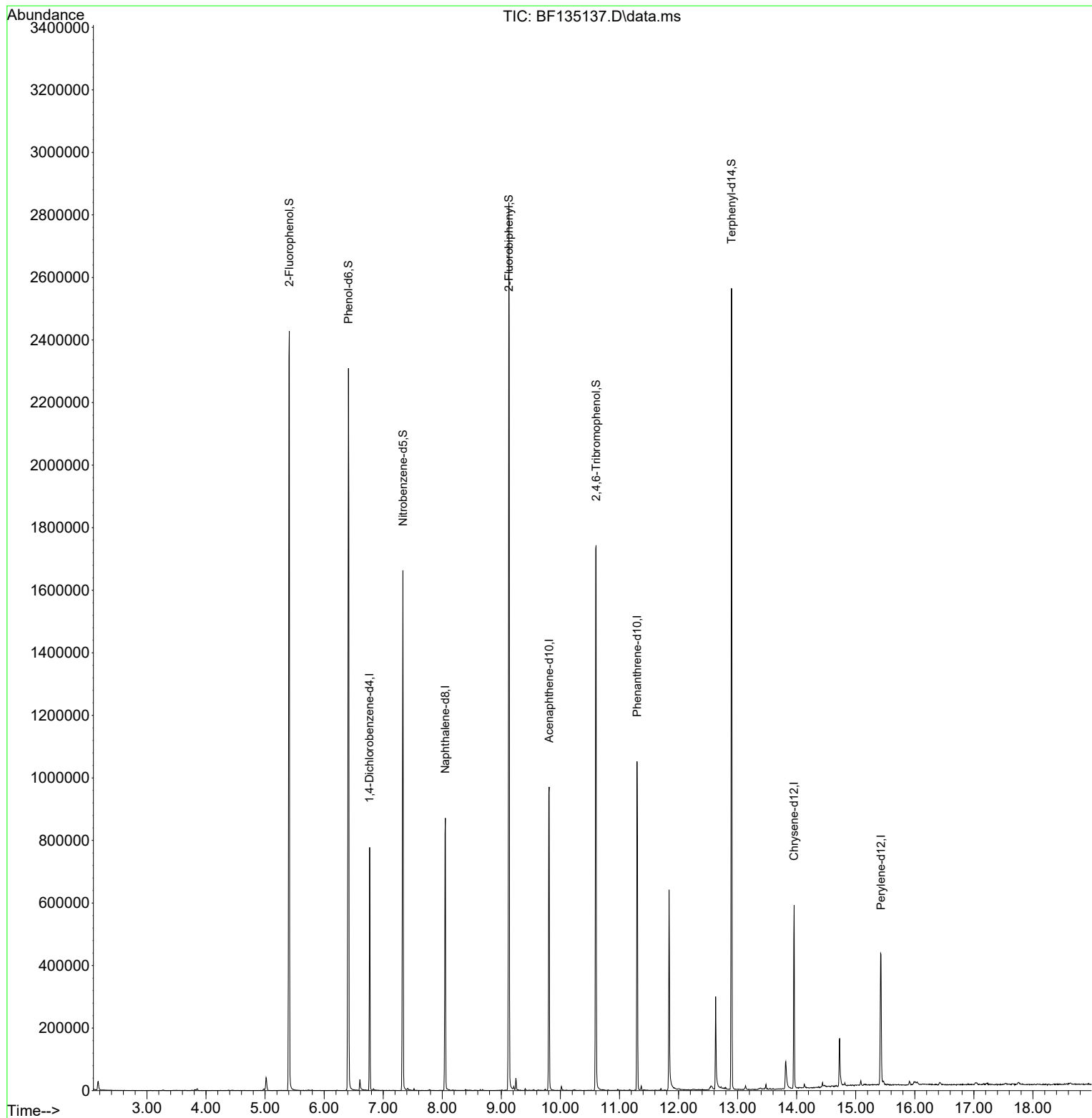
Target Compounds	Qvalue

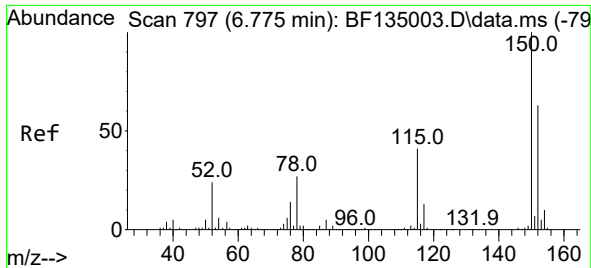
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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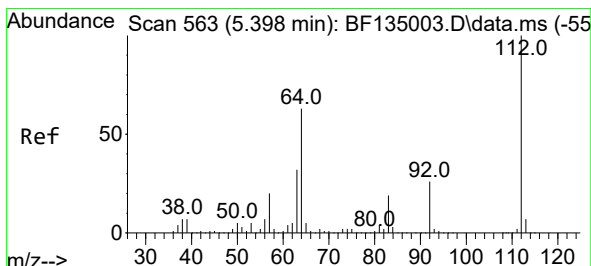
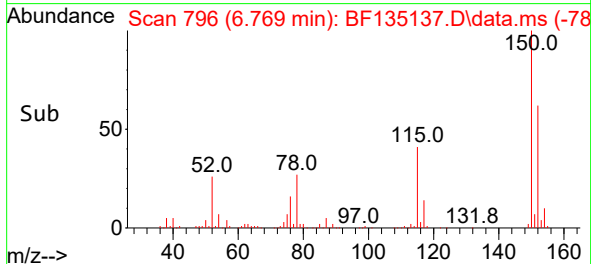
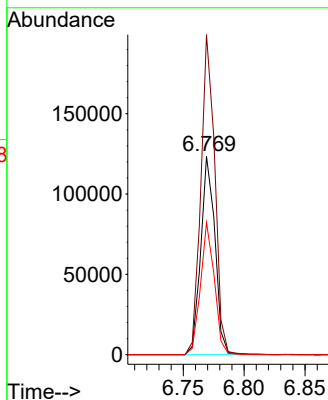
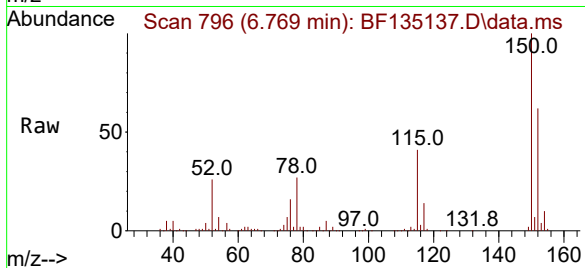




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135137.D
 Acq: 07 Sep 2023 16:44

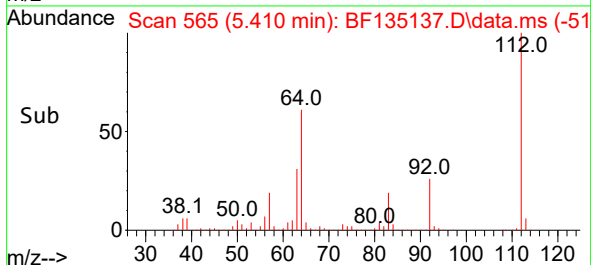
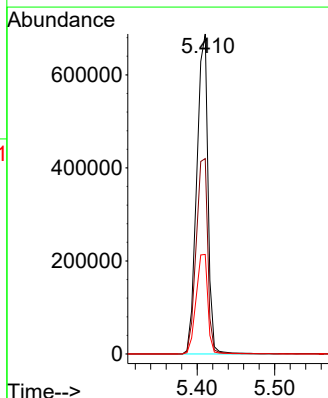
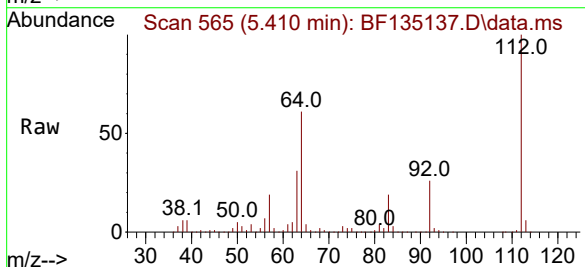
Instrument :
 BNA_F
 ClientSampleId :
 C-2

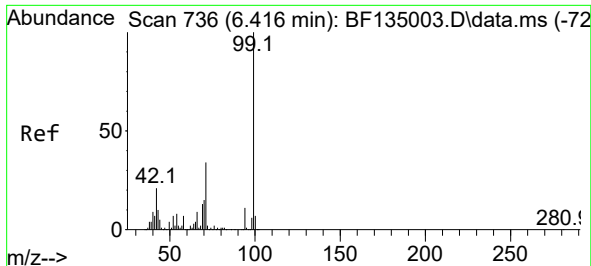
Tgt Ion:152 Resp: 100316
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.2 189.4
 115 66.6 51.2 76.8



#5
 2-Fluorophenol
 Concen: 106.529 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF135137.D
 Acq: 07 Sep 2023 16:44

Tgt Ion:112 Resp: 691857
 Ion Ratio Lower Upper
 112 100
 64 61.1 50.5 75.7
 63 31.1 25.9 38.9

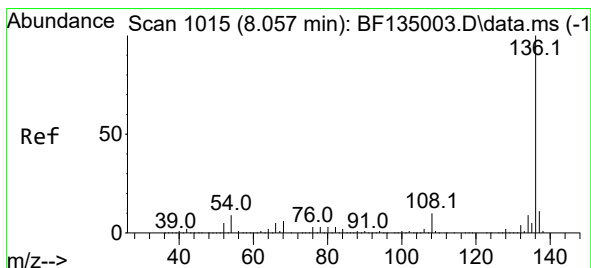
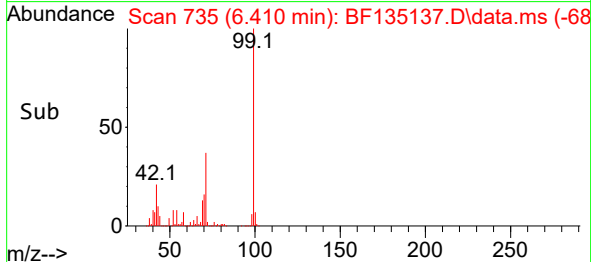
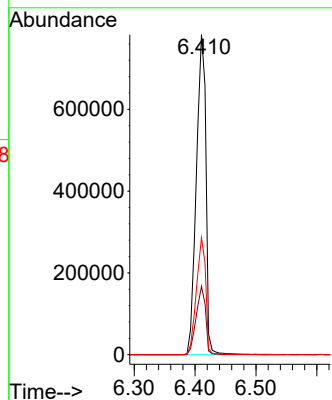
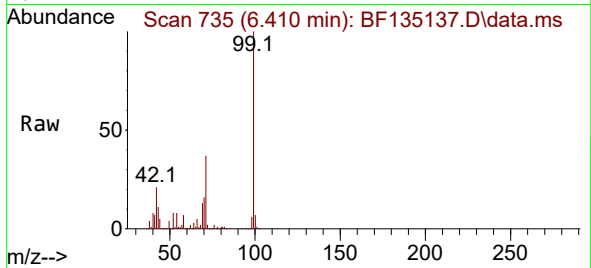




#7
Phenol-d6
Concen: 105.789 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

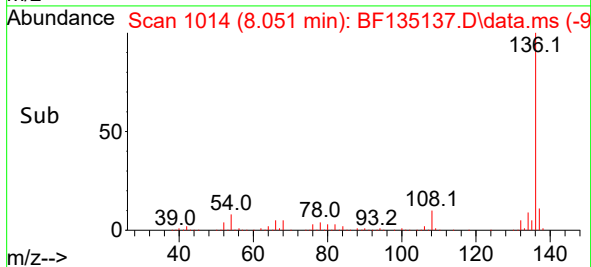
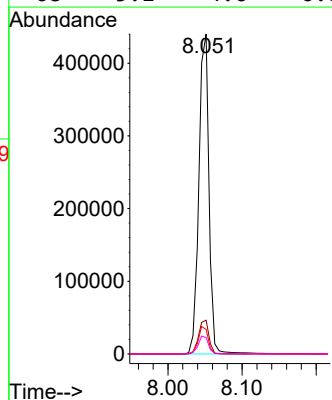
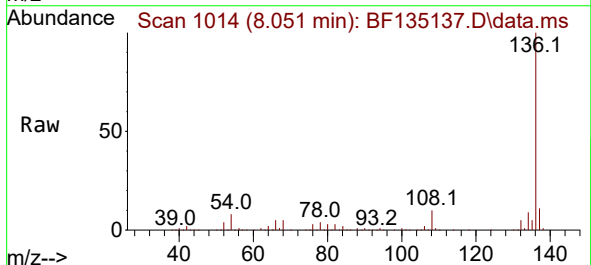
Instrument :
BNA_F
ClientSampleId :
C-2

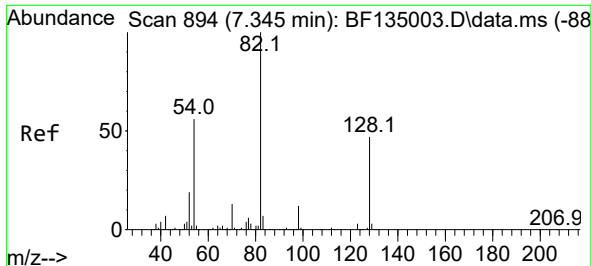
Tgt Ion: 99 Resp: 856365
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion: 136 Resp: 416647
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 7.0 10.4
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 70.895 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

Instrument :

BNA_F

ClientSampleId :

C-2

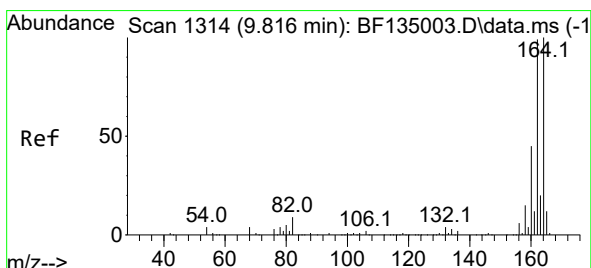
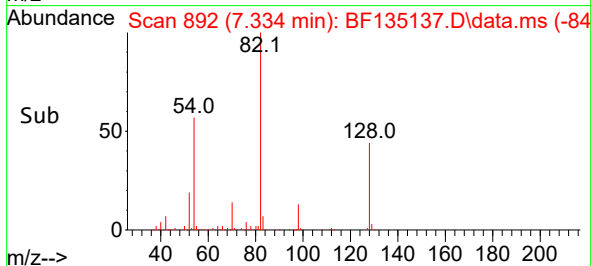
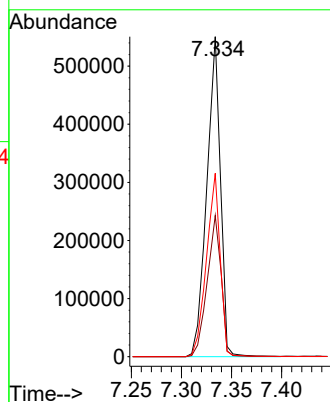
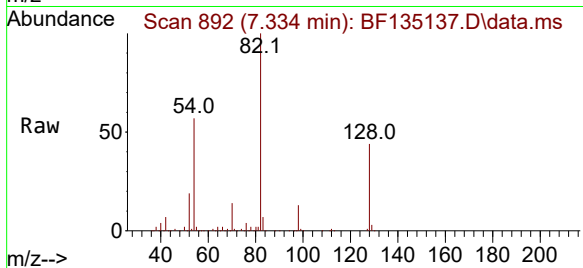
Tgt Ion: 82 Resp: 525770

Ion Ratio Lower Upper

82 100

128 44.1 37.8 56.8

54 57.3 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: BF135137.D

Acq: 07 Sep 2023 16:44

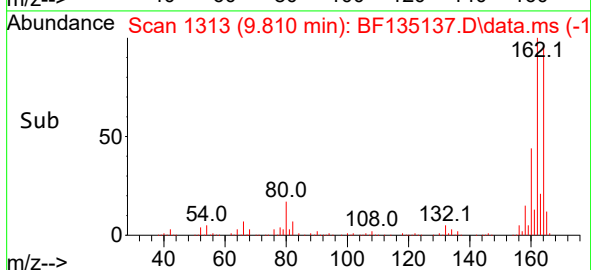
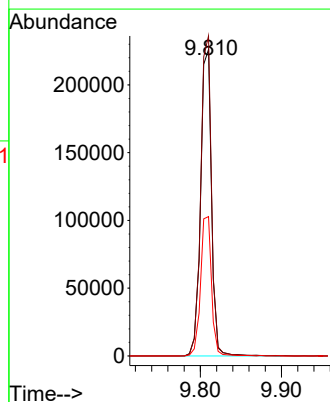
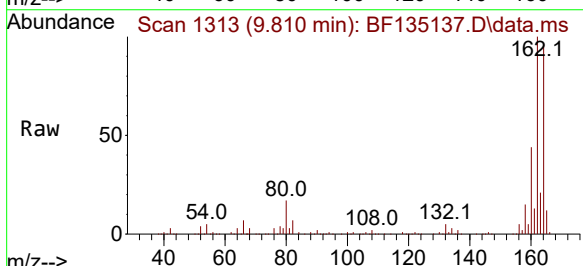
Tgt Ion:164 Resp: 210770

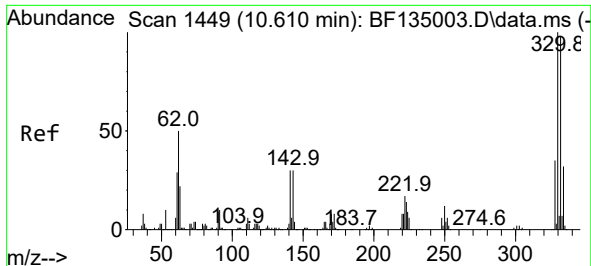
Ion Ratio Lower Upper

164 100

162 104.4 79.5 119.3

160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 103.630 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

Instrument :

BNA_F

ClientSampleId :

C-2

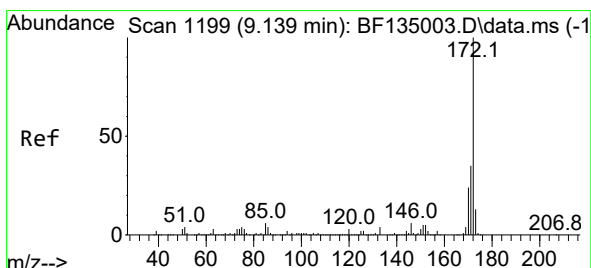
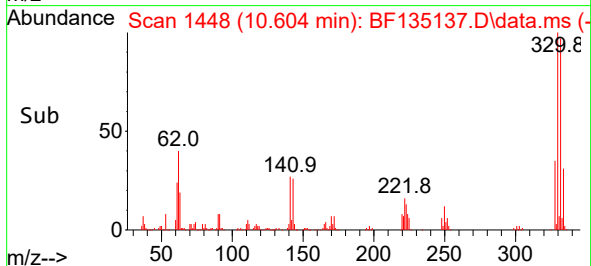
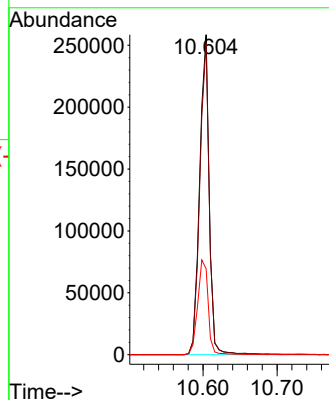
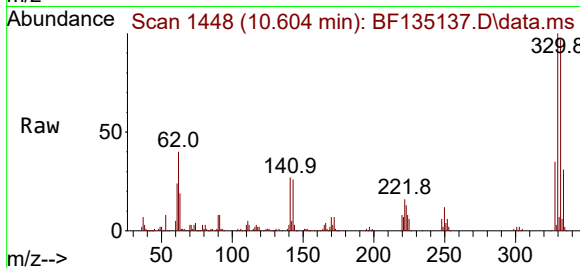
Tgt Ion:330 Resp: 231699

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 72.034 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

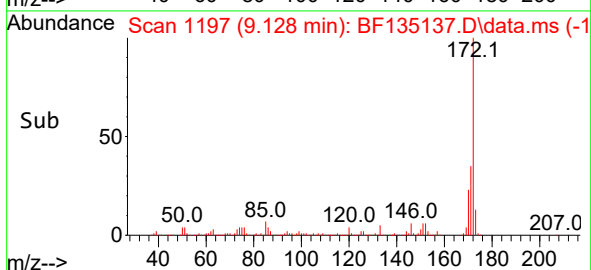
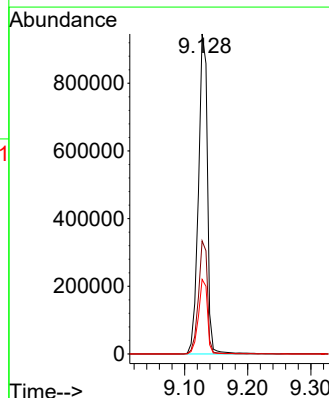
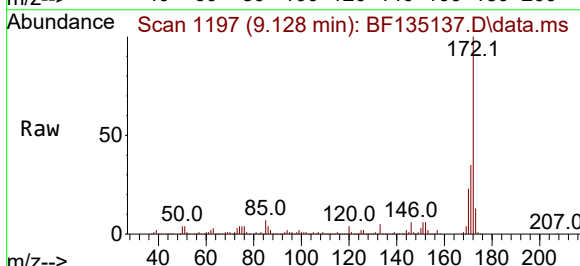
Tgt Ion:172 Resp: 932531

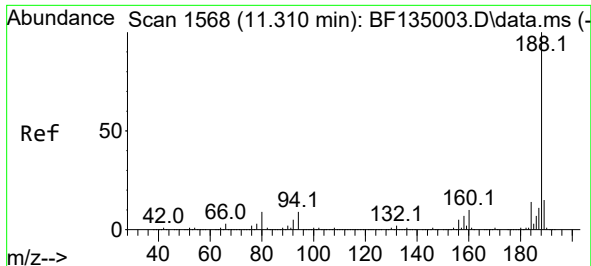
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

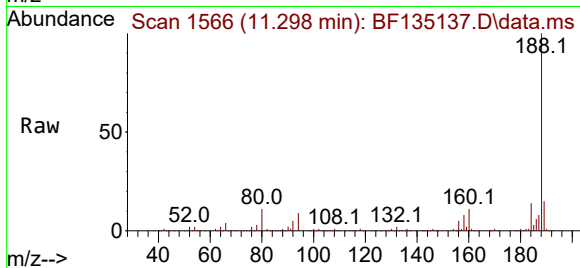
170 23.3 19.0 28.4



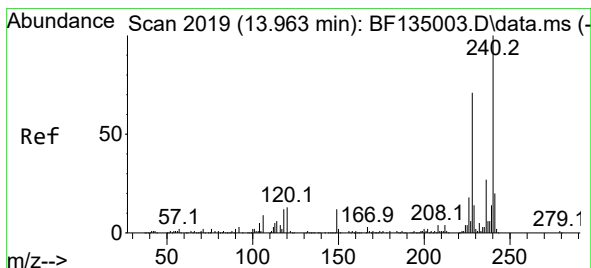
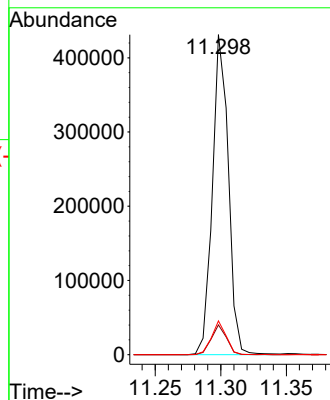
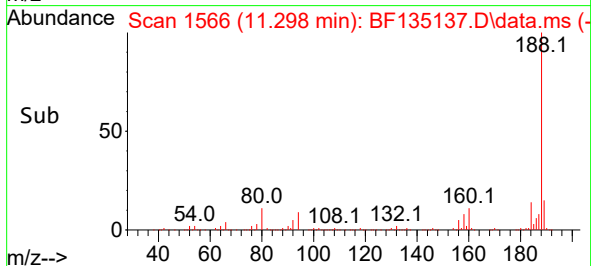


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Instrument :
BNA_F
ClientSampleId :
C-2

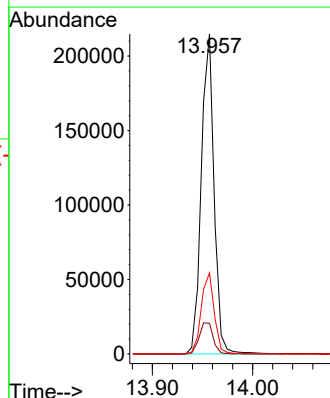
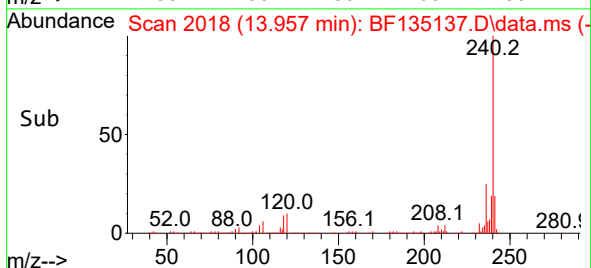
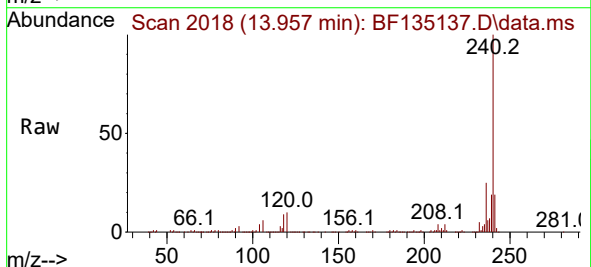


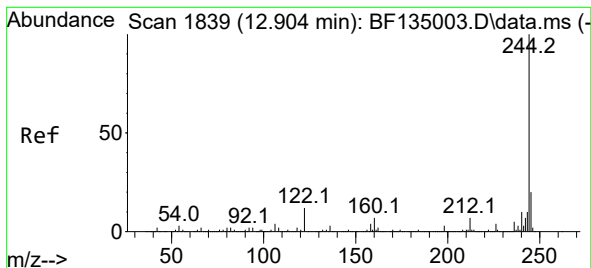
Tgt Ion:188 Resp: 365461
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:240 Resp: 190780
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.2#
236 25.4 21.3 31.9





#79

Terphenyl-d14

Concen: 73.598 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

Instrument :

BNA_F

ClientSampleId :

C-2

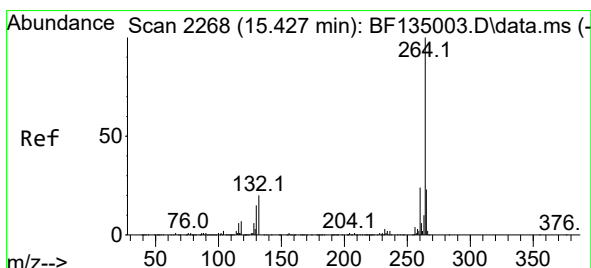
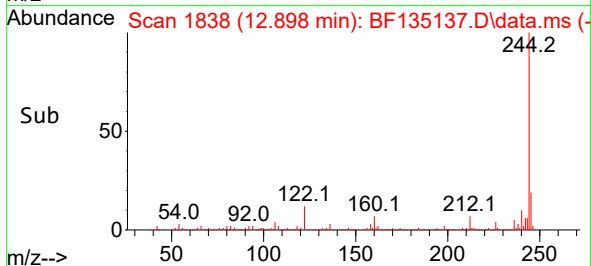
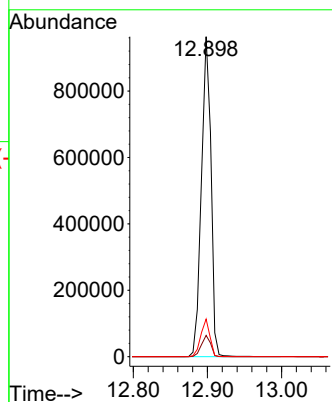
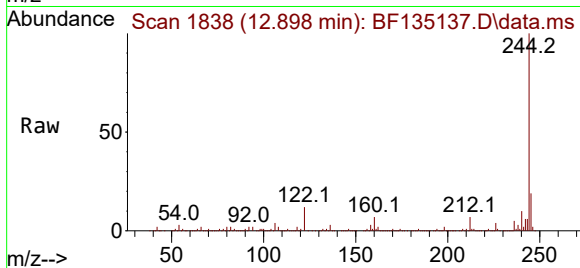
Tgt Ion:244 Resp: 860414

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.8 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: BF135137.D

Acq: 07 Sep 2023 16:44

Tgt Ion:264 Resp: 206526

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 21.5 18.2 27.2

