

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135226.D
 Acq On : 13 Sep 2023 17:03
 Operator : CG\JU
 Sample : 04314-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Quant Time: Sep 13 17:31:29 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	108288	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	410320	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	194843	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	292882	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	165492	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	220504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	490351	73.649	ng	0.00
7) Phenol-d6	6.404	99	675435	79.782	ng	0.00
23) Nitrobenzene-d5	7.328	82	455693	60.337	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	118814	61.362	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	847537	65.627	ng	0.00
79) Terphenyl-d14	12.892	244	595226	55.756	ng	0.00

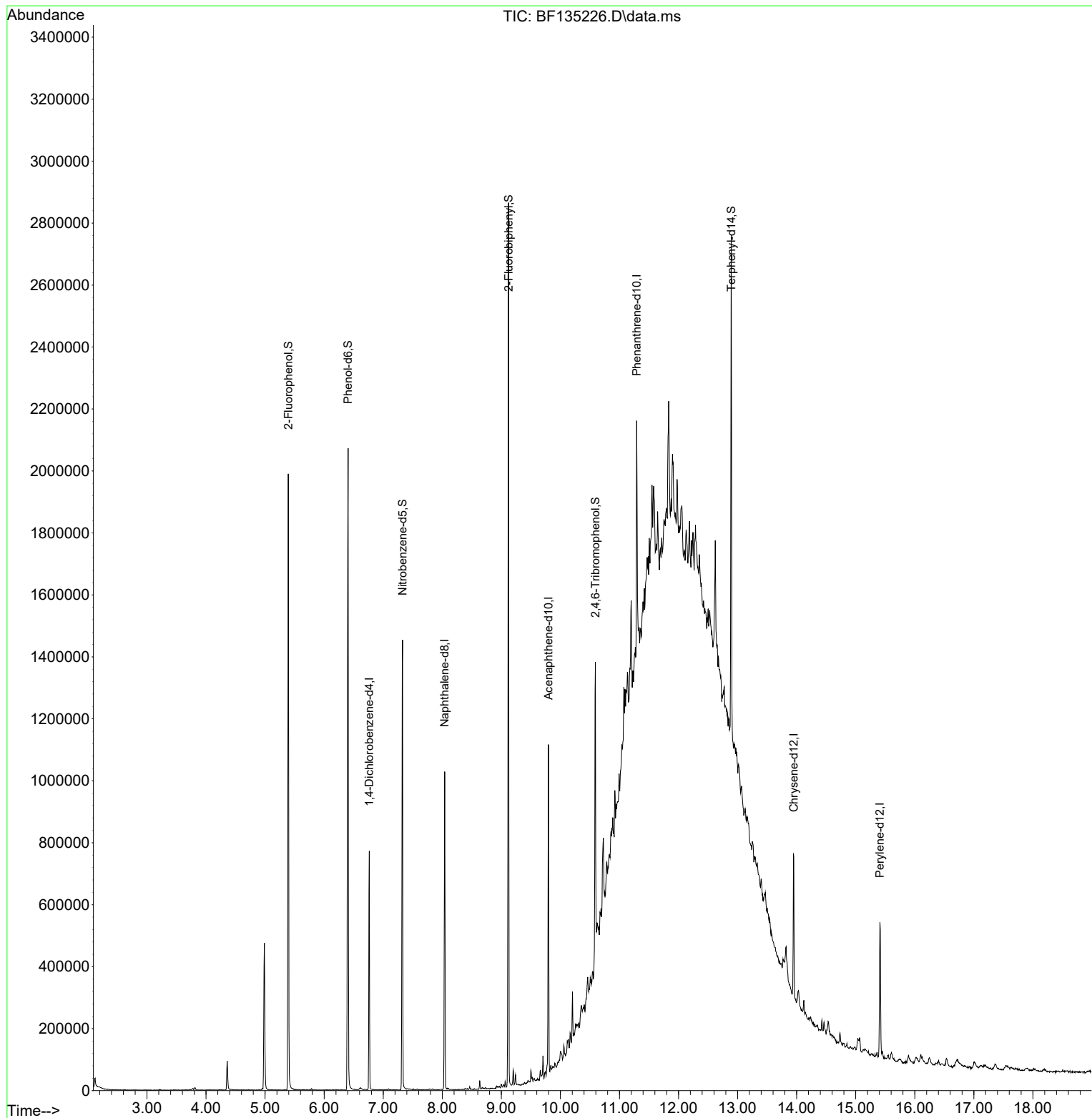
Target Compounds	Qvalue

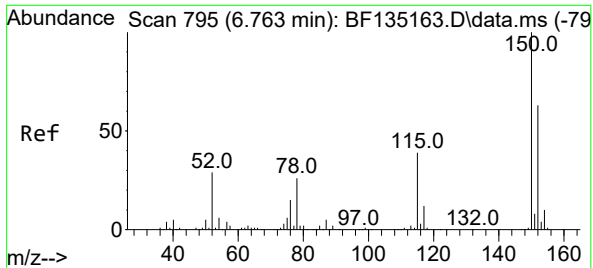
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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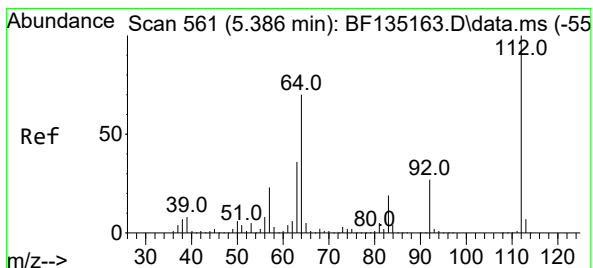
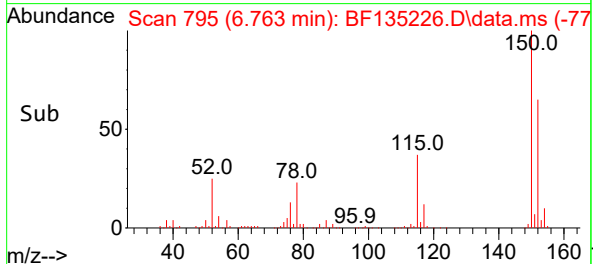
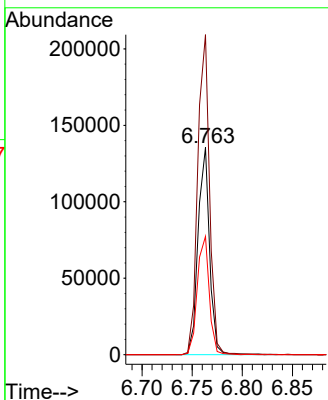
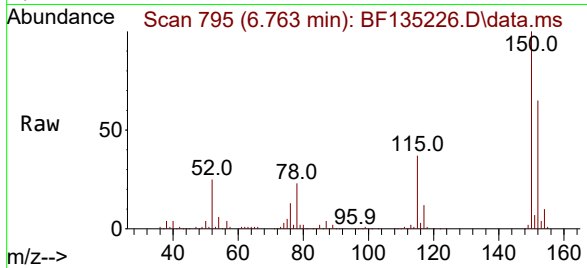




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

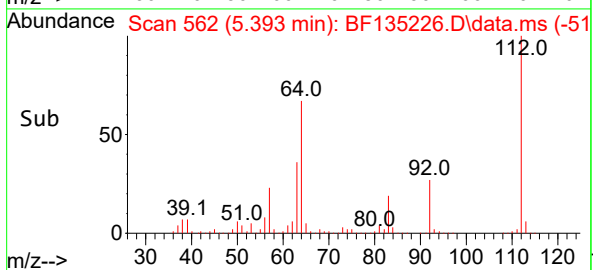
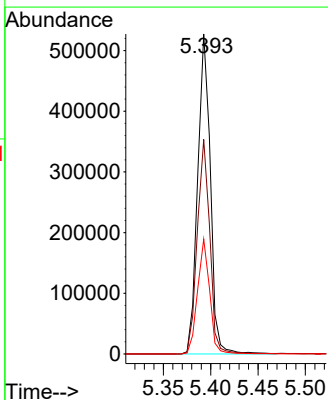
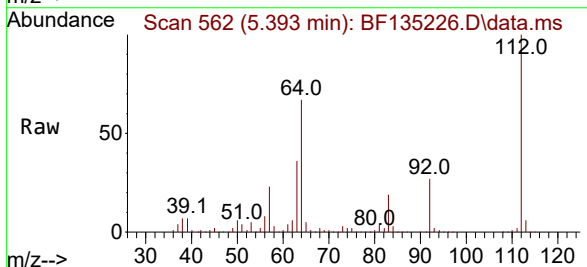
Instrument :
BNA_F
ClientSampleId :
VNJ-201

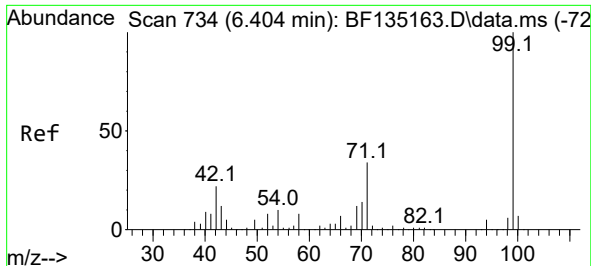
Tgt Ion:152 Resp: 108288
Ion Ratio Lower Upper
152 100
150 154.4 127.8 191.6
115 57.1 49.8 74.8



#5
2-Fluorophenol
Concen: 73.649 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion:112 Resp: 490351
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 35.9 29.0 43.6

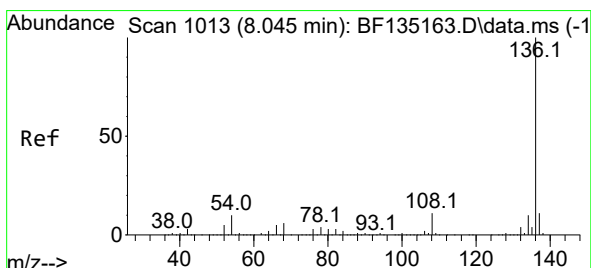
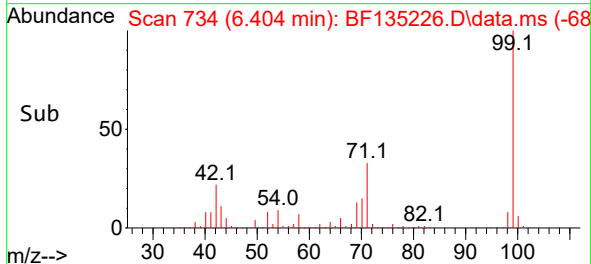
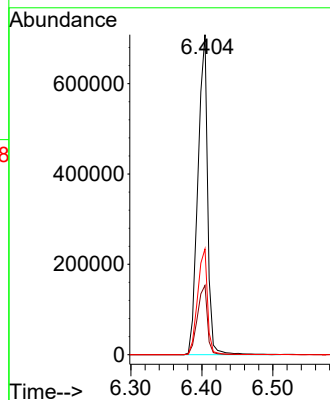
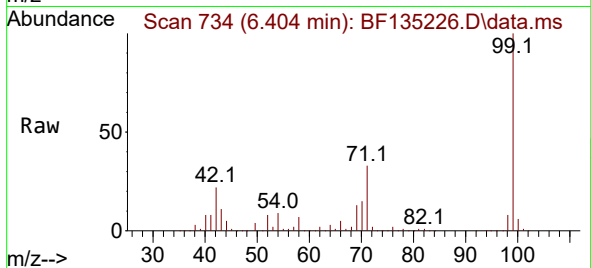




#7
Phenol-d6
Concen: 79.782 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

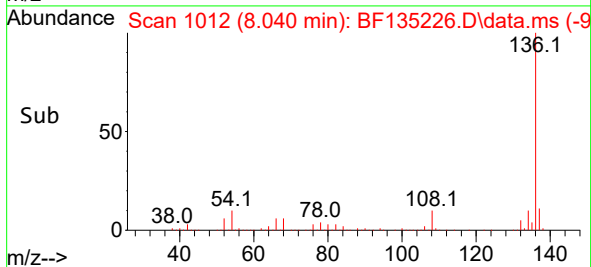
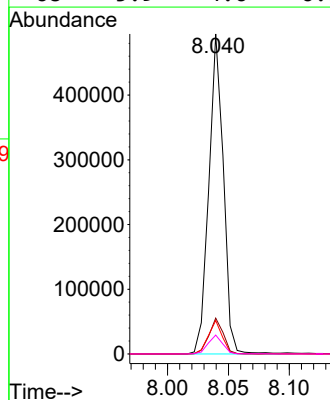
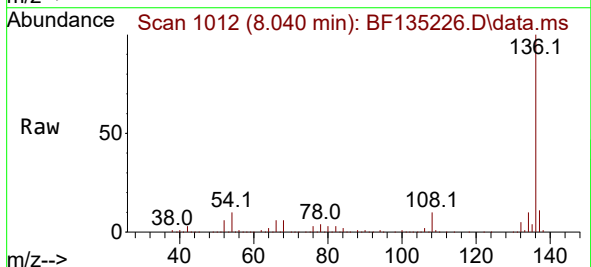
Instrument :
BNA_F
ClientSampleId :
VNJ-201

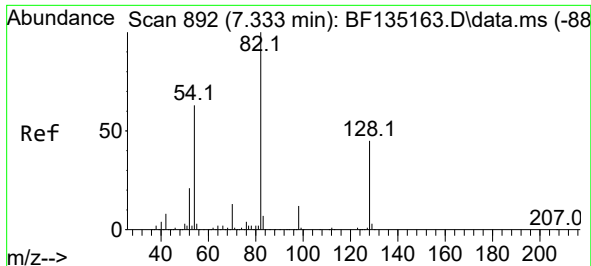
Tgt Ion: 99 Resp: 675435
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 33.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion:136 Resp: 410320
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.5 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 60.337 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201

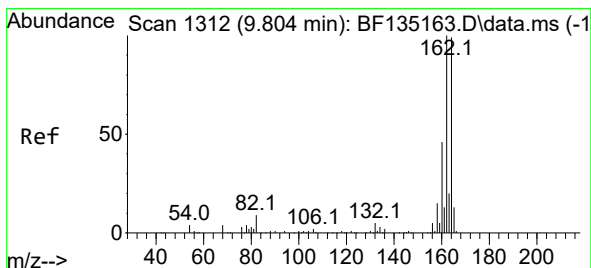
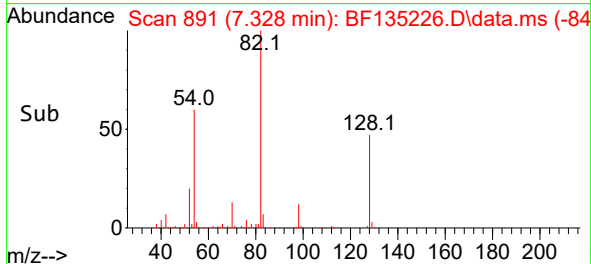
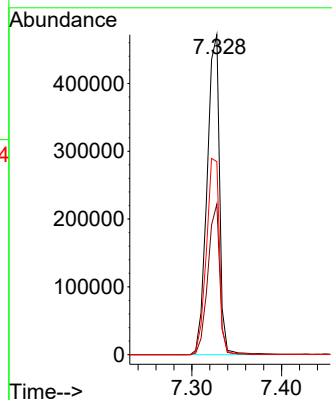
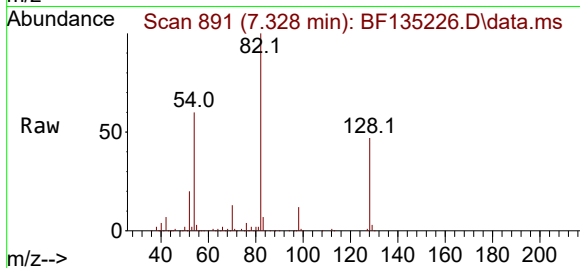
Tgt Ion: 82 Resp: 455693

Ion Ratio Lower Upper

82 100

128 47.1 35.8 53.6

54 60.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

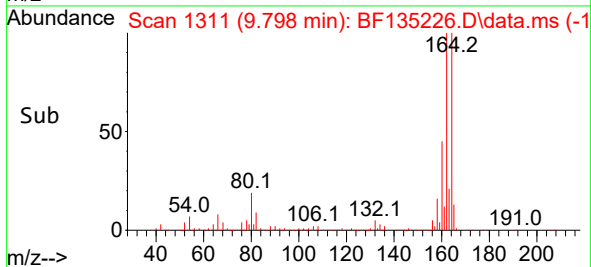
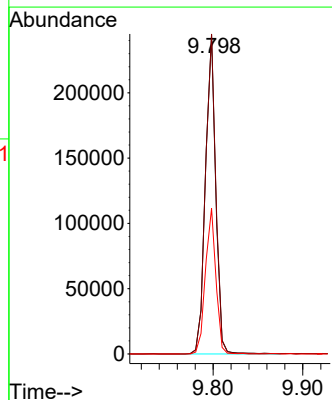
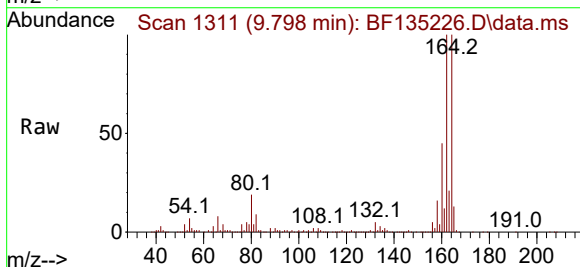
Tgt Ion: 164 Resp: 194843

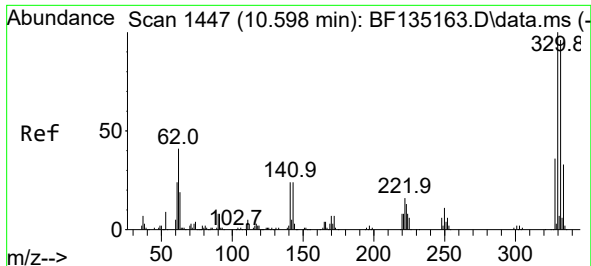
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 61.362 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201

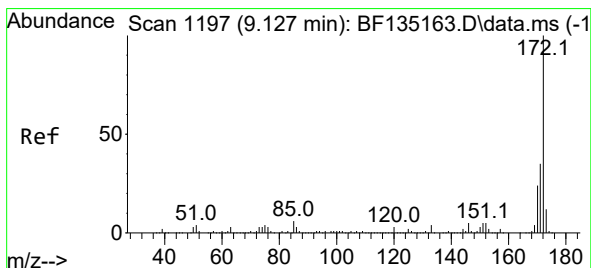
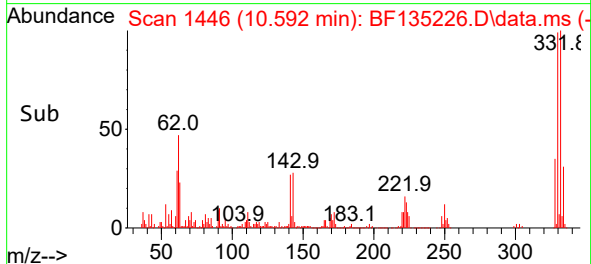
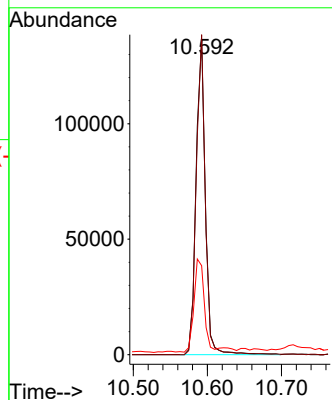
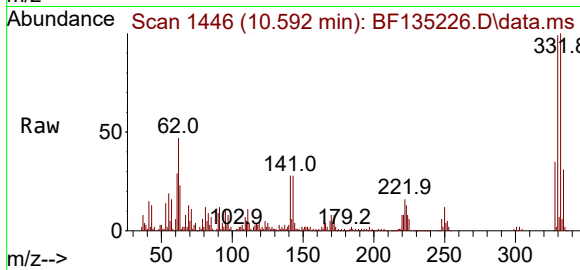
Tgt Ion:330 Resp: 118814

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

141 32.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.627 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

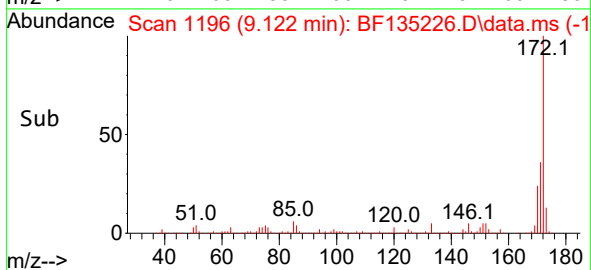
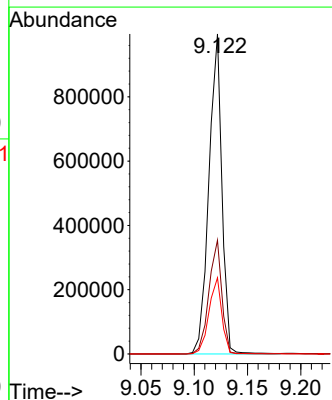
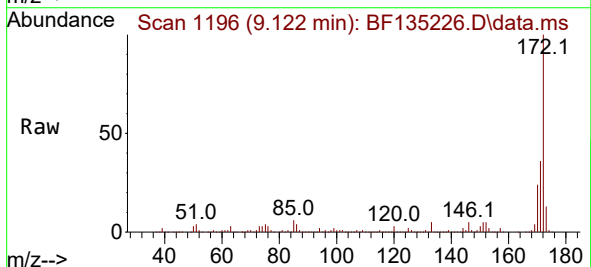
Tgt Ion:172 Resp: 847537

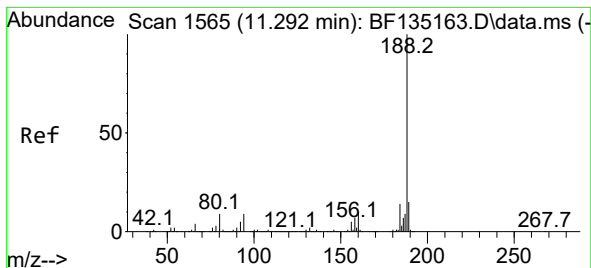
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

VNJ-201

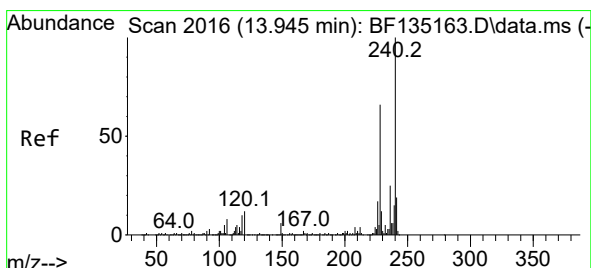
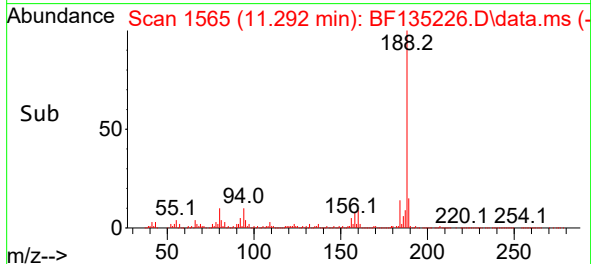
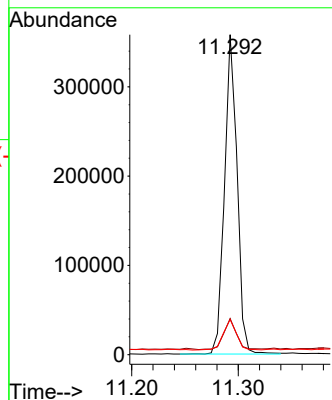
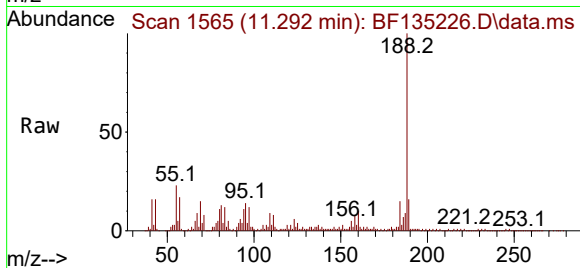
Tgt Ion:188 Resp: 292882

Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135226.D

Acq: 13 Sep 2023 17:03

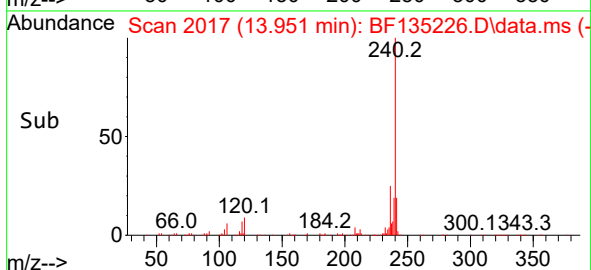
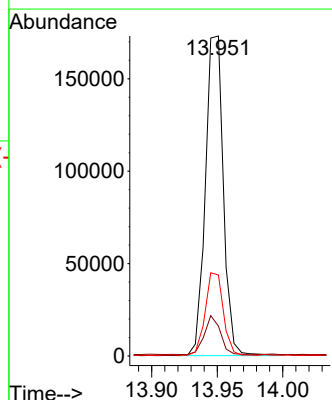
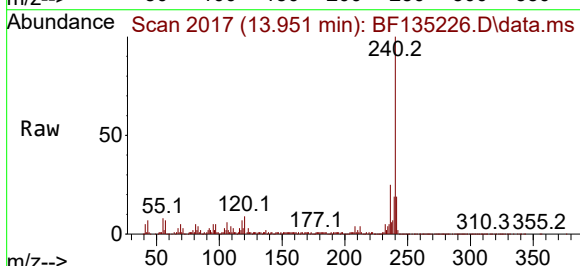
Tgt Ion:240 Resp: 165492

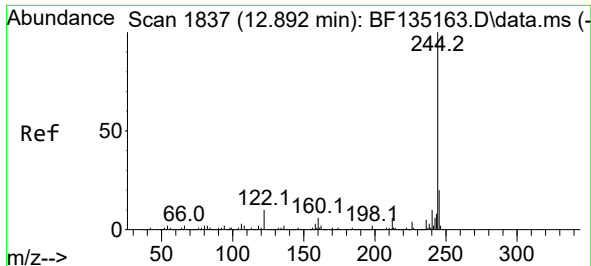
Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 25.3 19.8 29.8

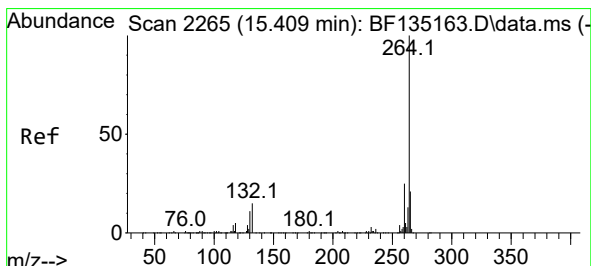
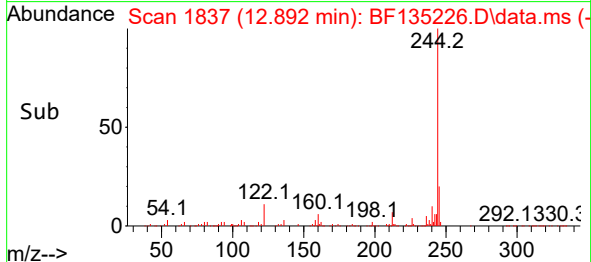
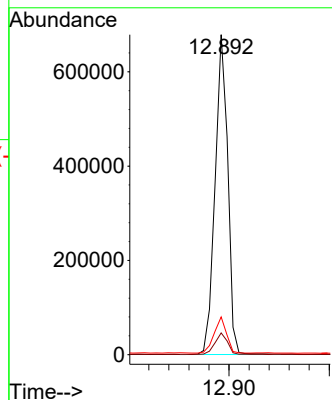
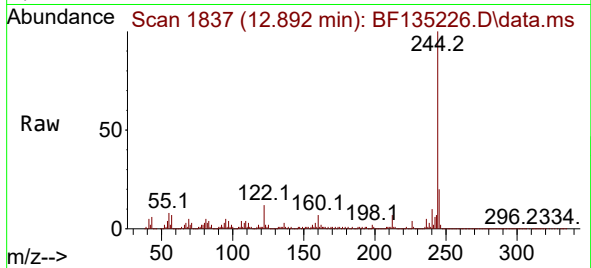




#79
Terphenyl-d14
Concen: 55.756 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Instrument :
BNA_F
ClientSampleId :
VNJ-201

Tgt Ion:244 Resp: 595226
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.8 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135226.D
Acq: 13 Sep 2023 17:03

Tgt Ion:264 Resp: 220504
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 22.2 17.0 25.4

