

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134800.D
 Acq On : 16 Aug 2023 10:29
 Operator : CG\JU
 Sample : 04012-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-081423

Quant Time: Aug 17 01:30:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

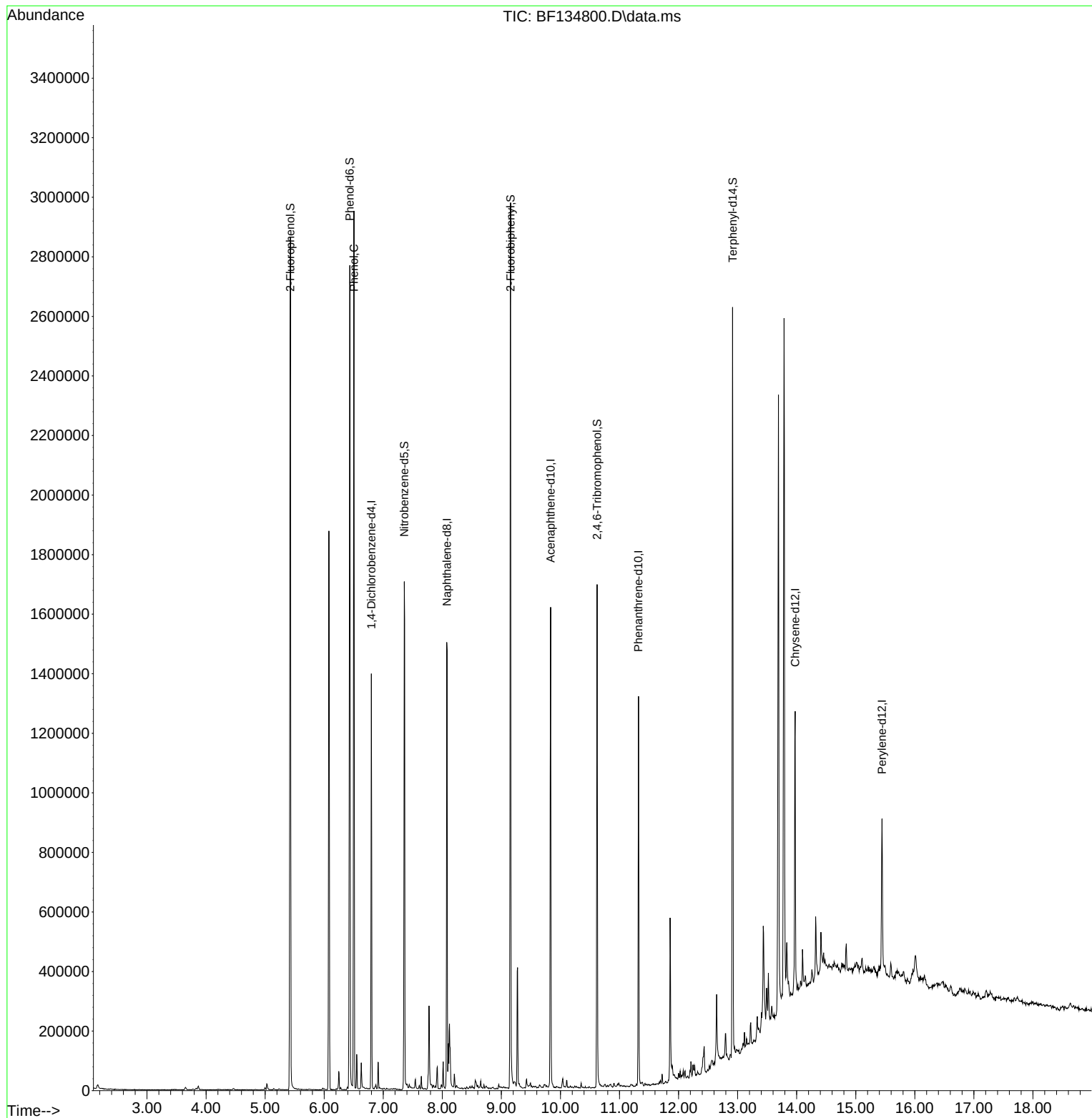
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	184273	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	677743	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	298580	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	448662	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	335488	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	248558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	767655	63.325	ng	0.00
7) Phenol-d6	6.434	99	942986	60.853	ng	0.00
23) Nitrobenzene-d5	7.357	82	551686	50.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	197535	64.899	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	952788	53.058	ng	0.00
79) Terphenyl-d14	12.916	244	843516	44.324	ng	0.00
Target Compounds						
10) Phenol	6.504	94	79125	5.181	ng	# 58

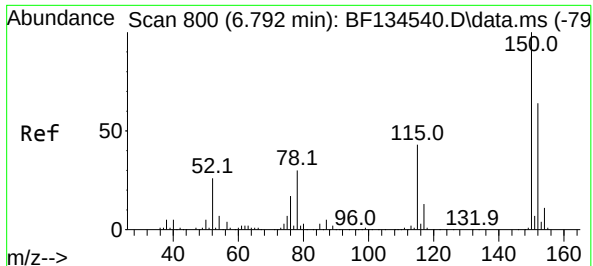
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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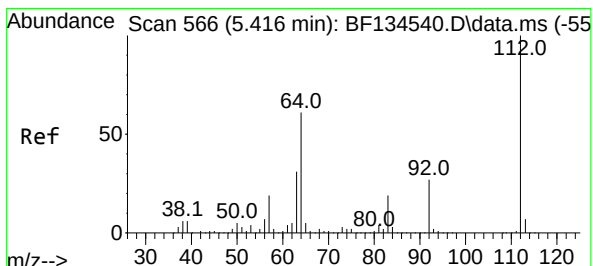
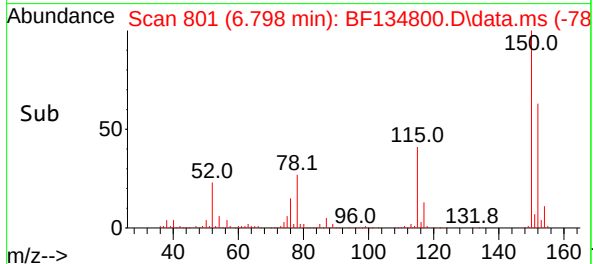
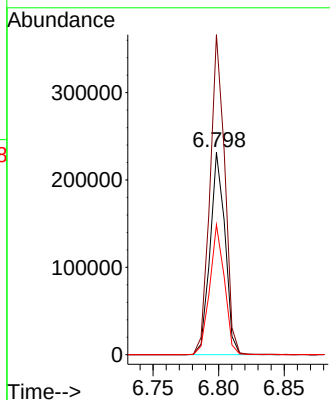
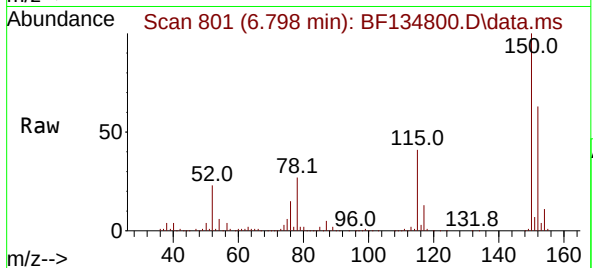




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

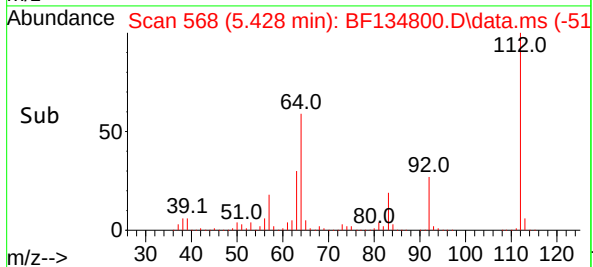
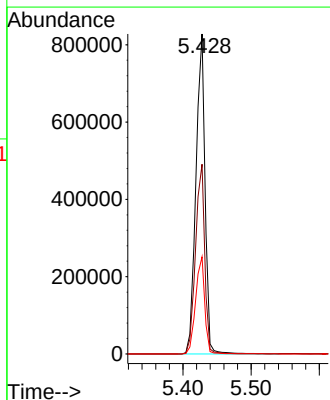
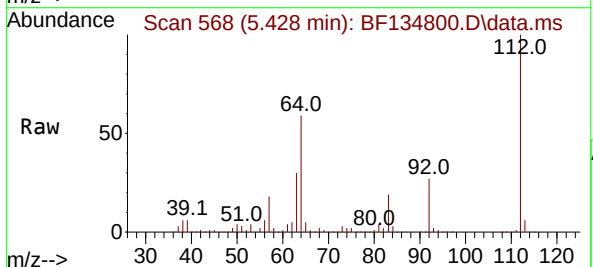
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

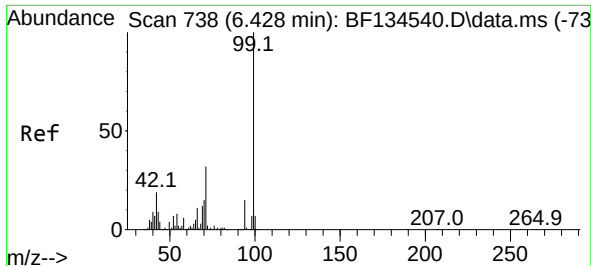
Tgt Ion:152 Resp: 184273
Ion Ratio Lower Upper
152 100
150 158.2 128.3 192.5
115 64.2 52.4 78.6



#5
2-Fluorophenol
Concen: 63.325 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

Tgt Ion:112 Resp: 767655
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 30.4 25.4 38.0

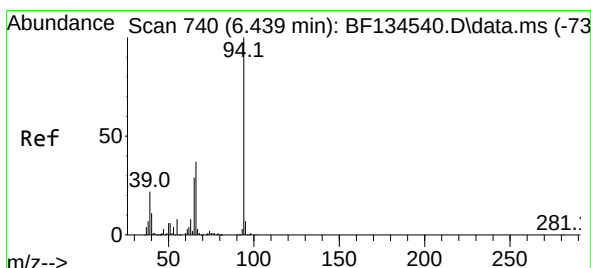
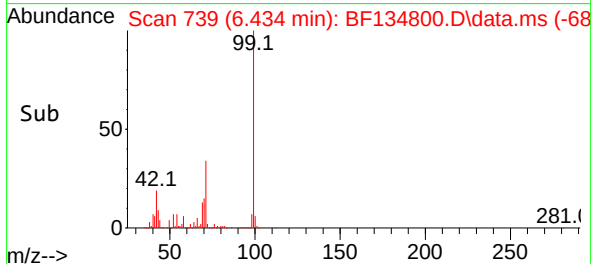
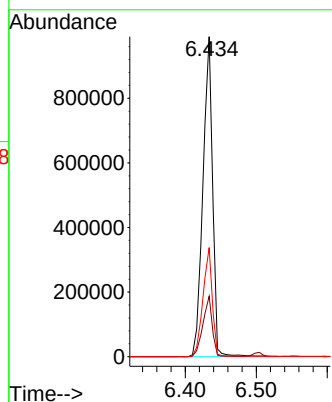
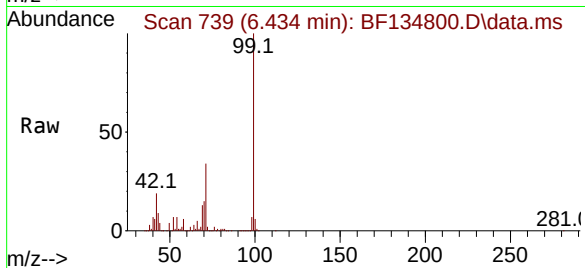




#7
Phenol-d6
Concen: 60.853 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

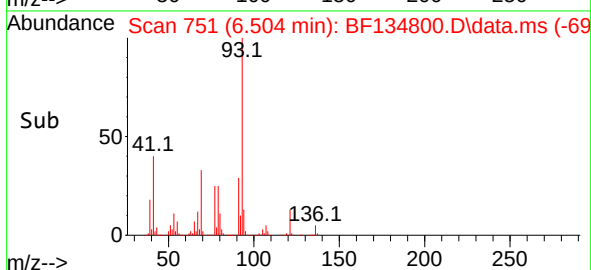
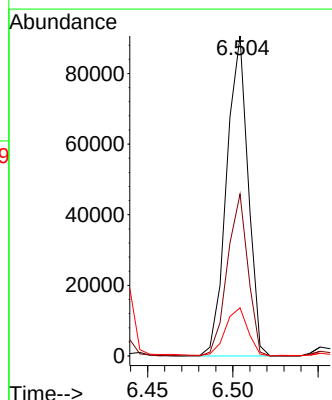
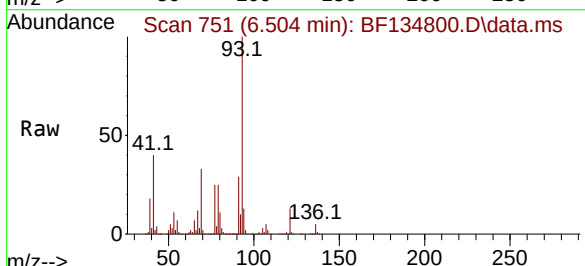
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

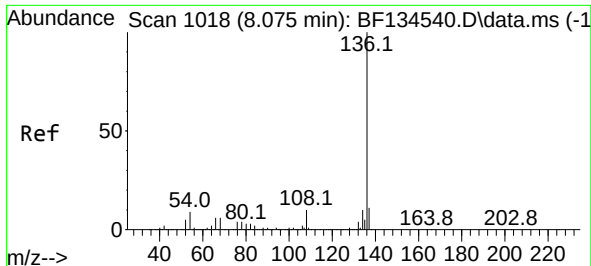
Tgt Ion: 99 Resp: 942986
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 34.1 36.4 54.6#



#10
Phenol
Concen: 5.181 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.053 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

Tgt Ion: 94 Resp: 79125
Ion Ratio Lower Upper
94 100
65 50.6 17.8 57.8
66 15.1 35.2 75.2#

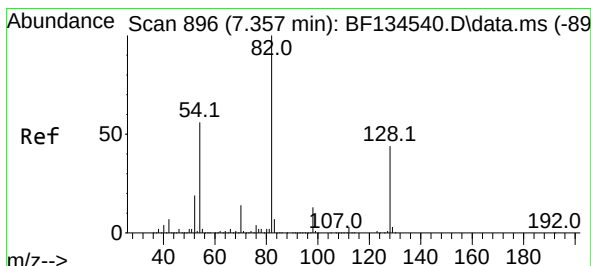
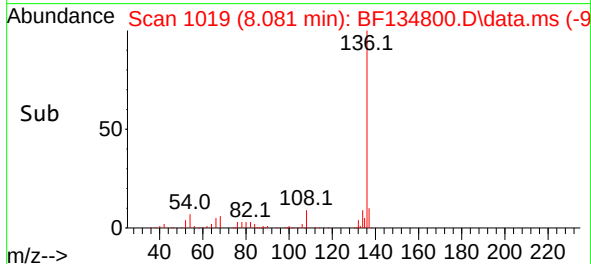
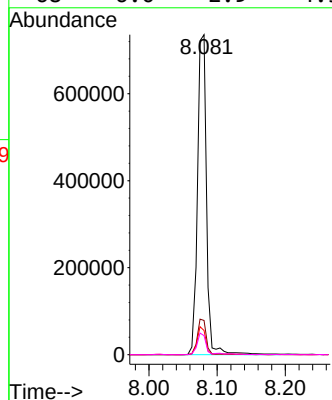
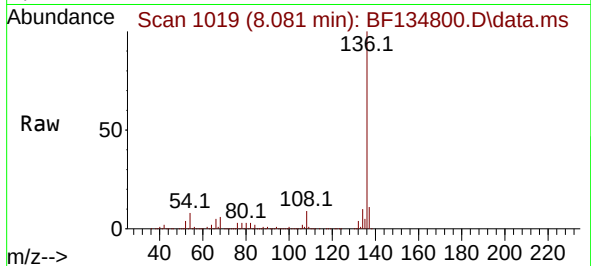




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

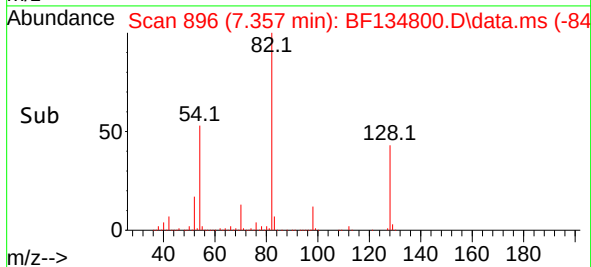
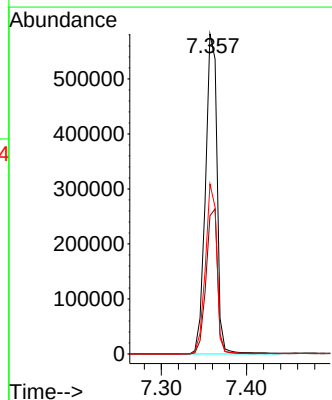
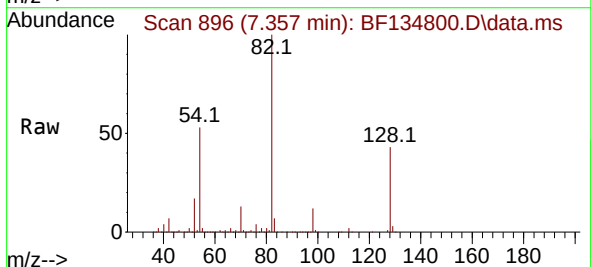
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

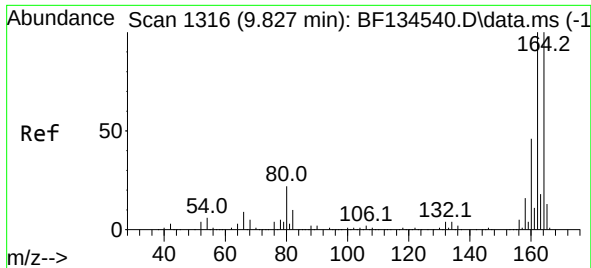
Tgt Ion:136 Resp: 677743
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.2 7.8
68 6.0 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 50.869 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

Tgt Ion: 82 Resp: 551686
Ion Ratio Lower Upper
82 100
128 43.2 34.3 51.5
54 53.1 43.8 65.6

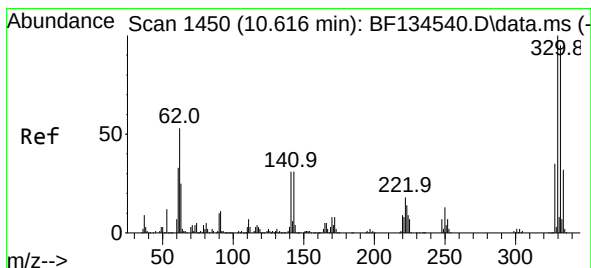
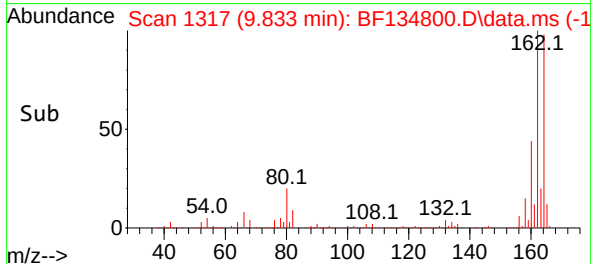
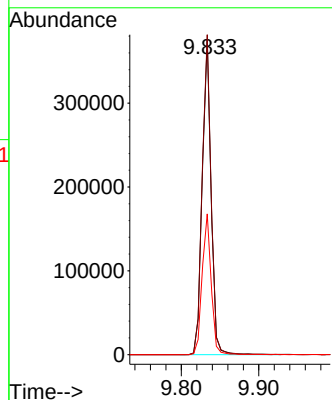
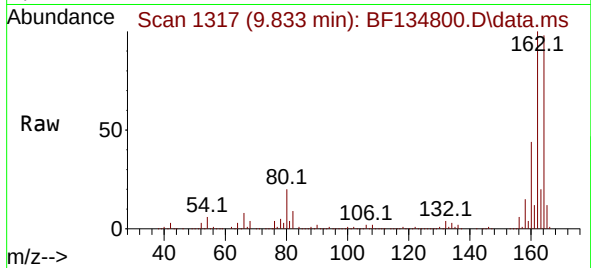




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

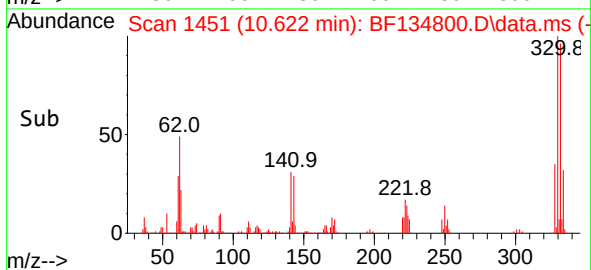
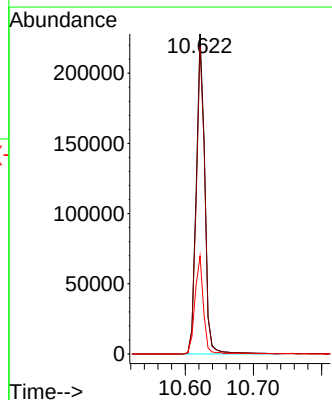
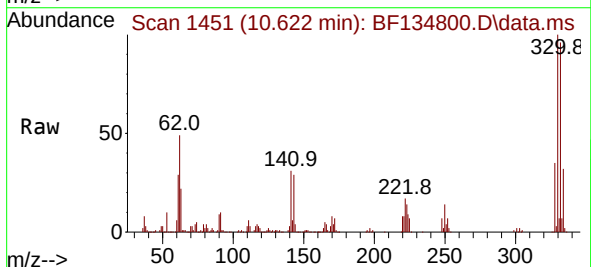
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

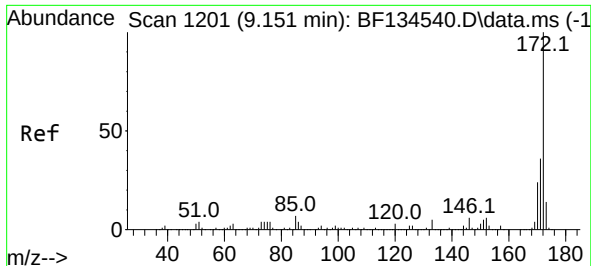
Tgt Ion:164 Resp: 298580
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 64.899 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134800.D
Acq: 16 Aug 2023 10:29

Tgt Ion:330 Resp: 197535
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 30.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 53.058 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134800.D

Acq: 16 Aug 2023 10:29

Instrument :

BNA_F

ClientSampleId :

HD-02-081423

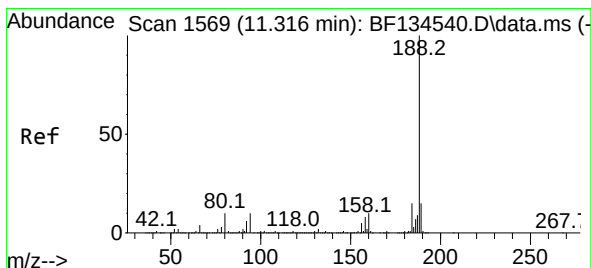
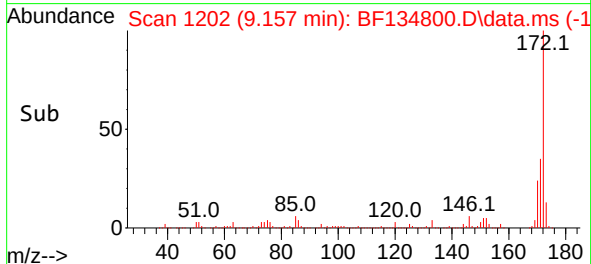
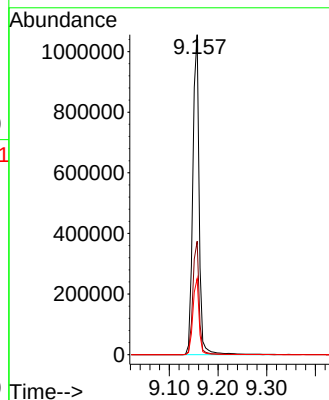
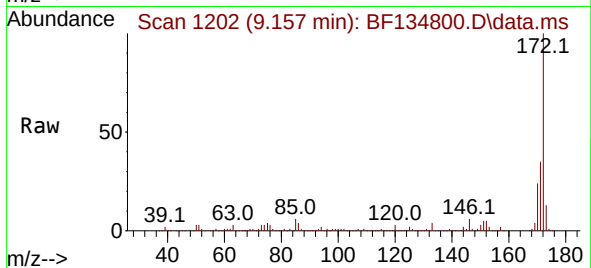
Tgt Ion:172 Resp: 952788

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF134800.D

Acq: 16 Aug 2023 10:29

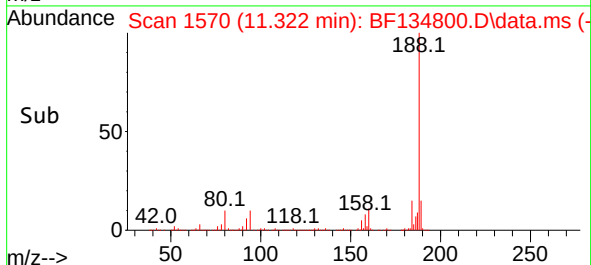
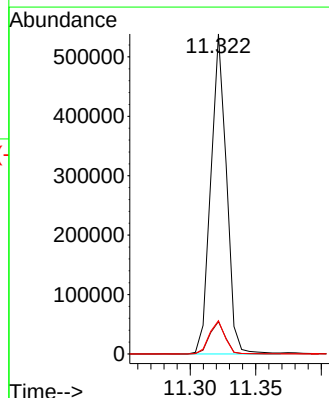
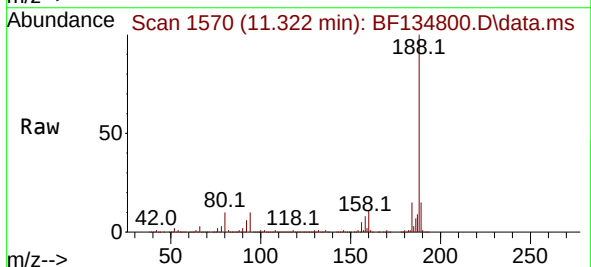
Tgt Ion:188 Resp: 448662

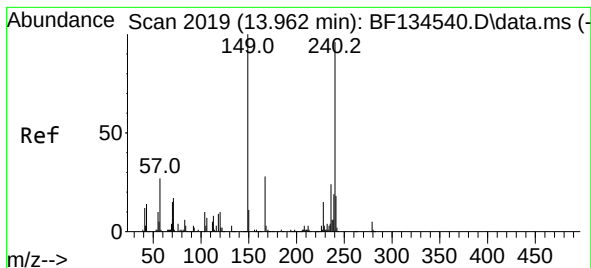
Ion Ratio Lower Upper

188 100

94 10.1 5.1 7.7#

80 10.4 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134800.D

Acq: 16 Aug 2023 10:29

Instrument :

BNA_F

ClientSampleId :

HD-02-081423

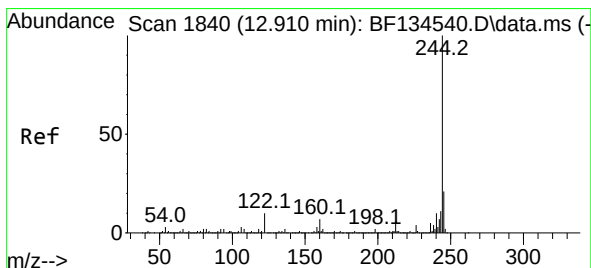
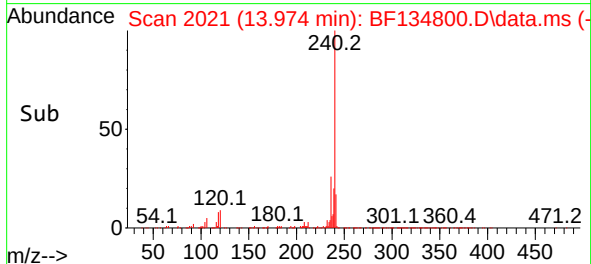
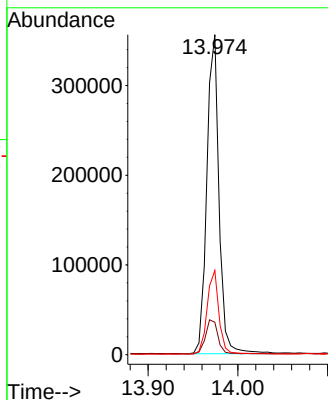
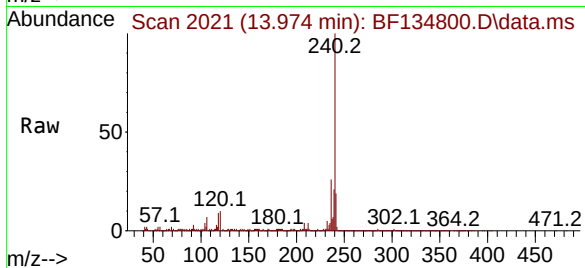
Tgt Ion:240 Resp: 335488

Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 26.3 20.2 30.2



#79

Terphenyl-d14

Concen: 44.324 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134800.D

Acq: 16 Aug 2023 10:29

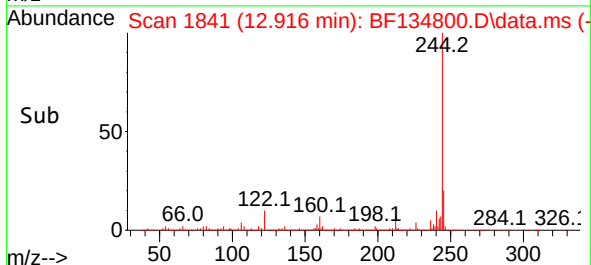
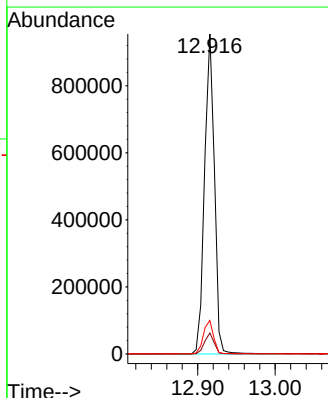
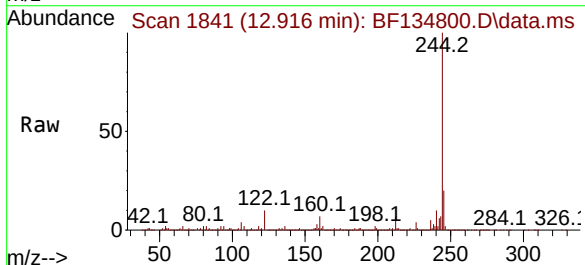
Tgt Ion:244 Resp: 843516

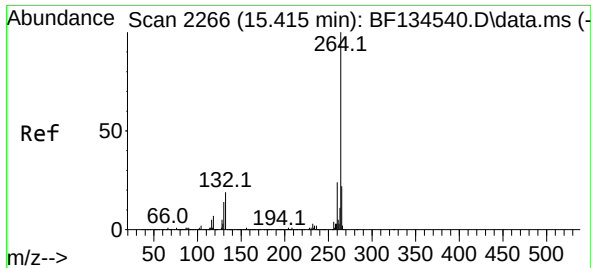
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.5 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134800.D
 Acq: 16 Aug 2023 10:29

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-081423

Tgt Ion:264 Resp: 248558
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.1 15.8 23.8

