

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134802.D
 Acq On : 16 Aug 2023 11:34
 Operator : CG\JU
 Sample : 04011-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

Quant Time: Aug 17 01:31:02 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)

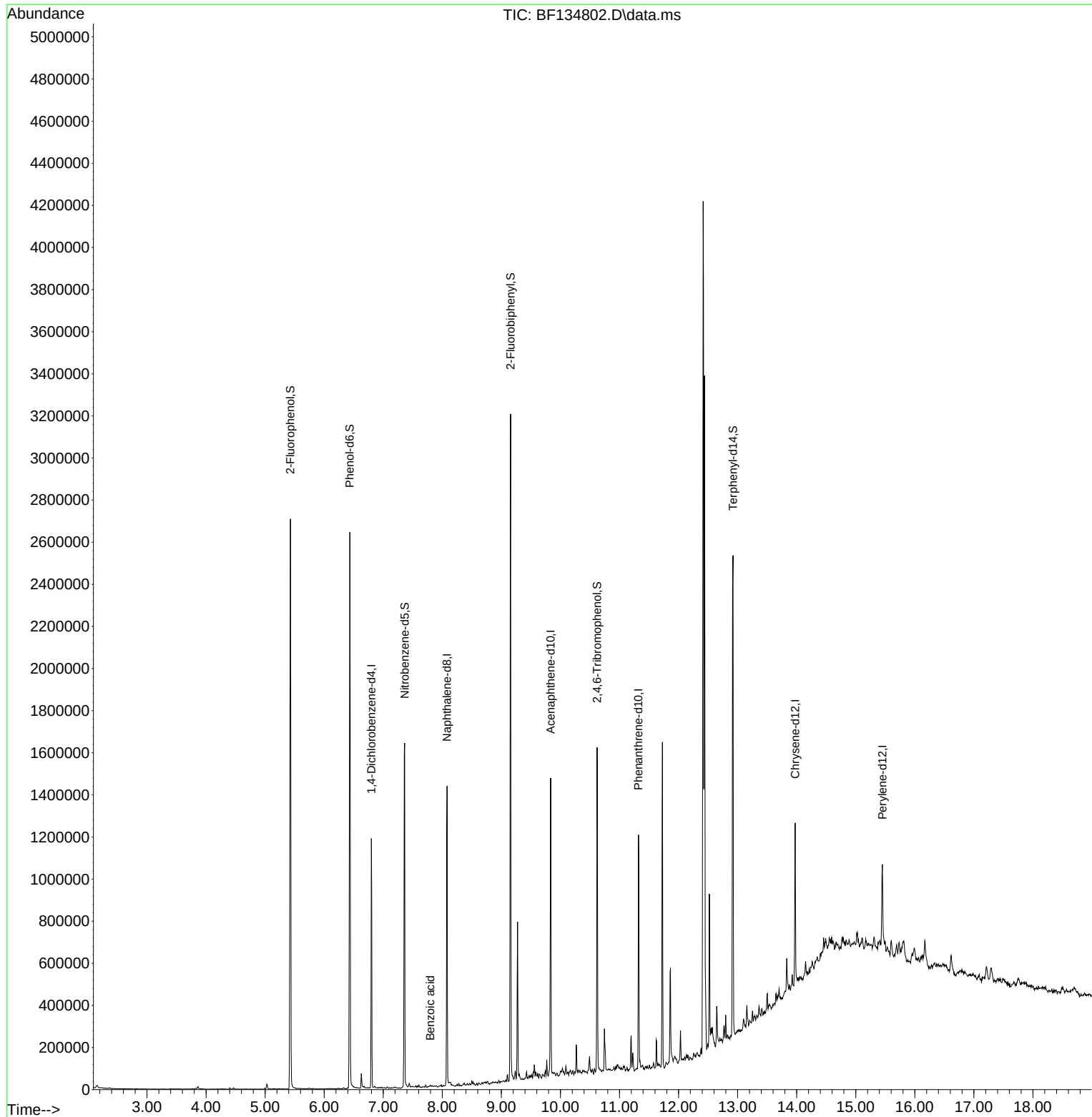
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	163193	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	616986	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	257186	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	403126	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	245120	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	203746	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	739803	68.911	ng	0.00
7) Phenol-d6	6.434	99	922994	67.256	ng	0.00
23) Nitrobenzene-d5	7.363	82	538174	54.510	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	181568	69.254	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	924439	59.764	ng	0.00
79) Terphenyl-d14	12.921	244	832261	59.855	ng	0.00
Target Compounds						
32) Benzoic acid	7.798	122	3419m	8.323	ng	Qvalue

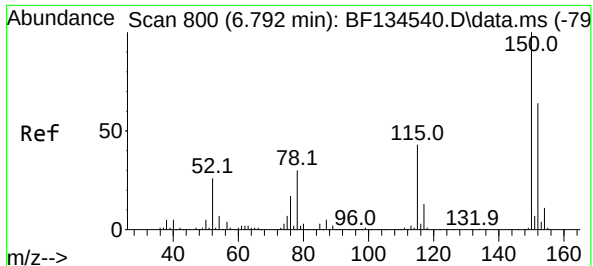
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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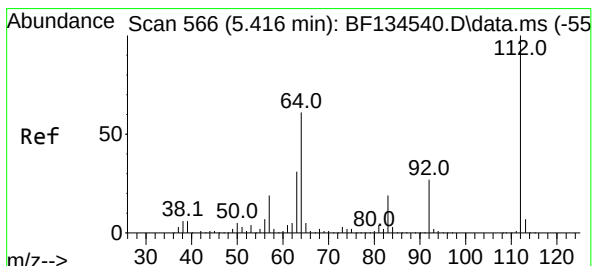
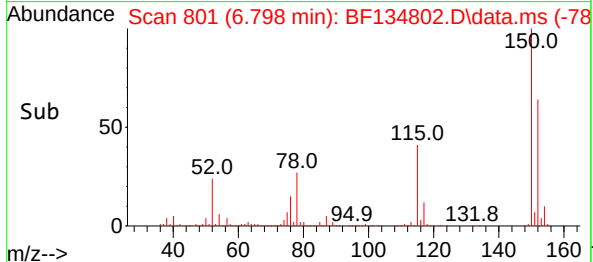
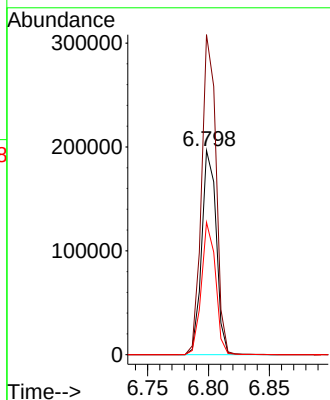
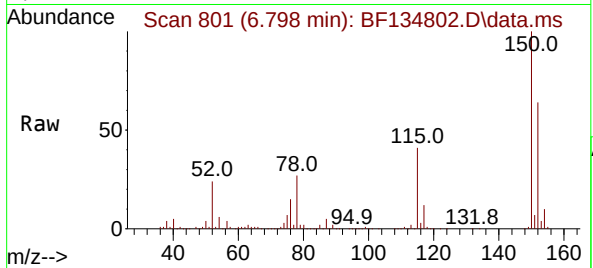




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

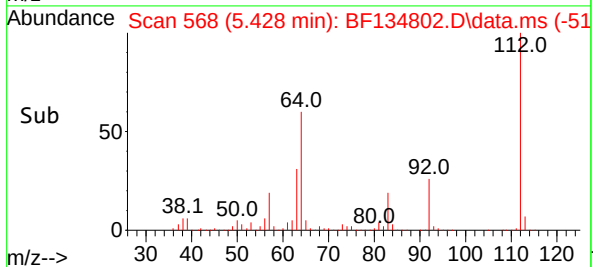
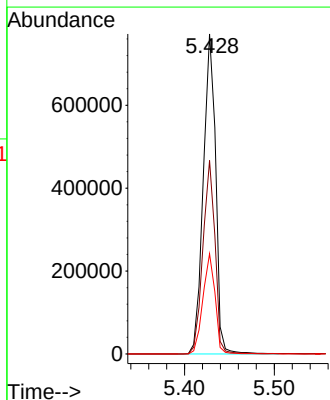
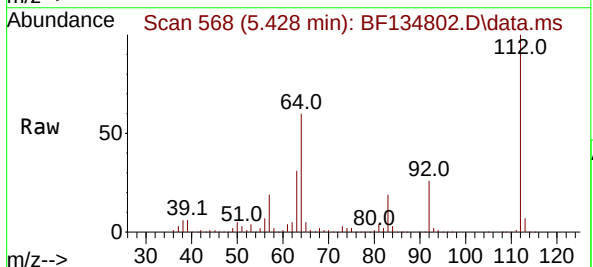
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

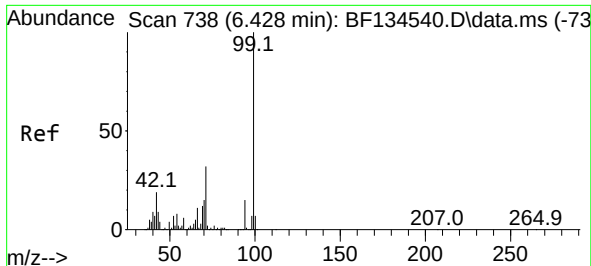
Tgt Ion:152 Resp: 163193
Ion Ratio Lower Upper
152 100
150 156.7 128.3 192.5
115 64.8 52.4 78.6



#5
2-Fluorophenol
Concen: 68.911 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

Tgt Ion:112 Resp: 739803
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 31.3 25.4 38.0

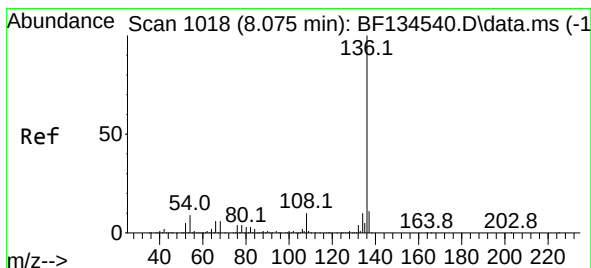
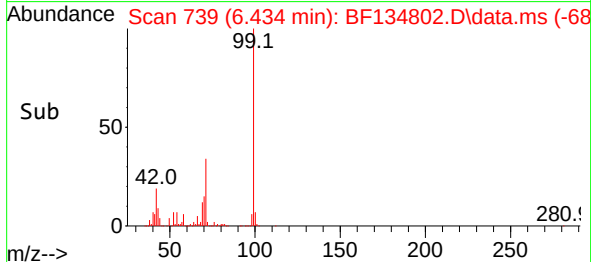
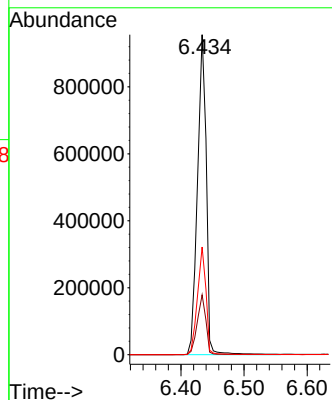
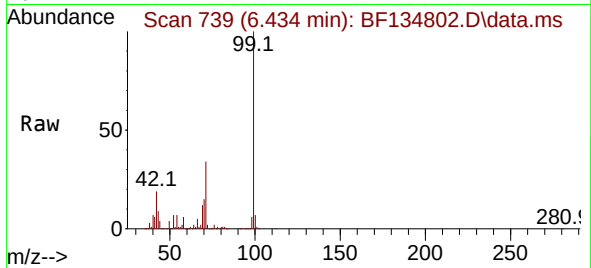




#7
Phenol-d6
Concen: 67.256 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

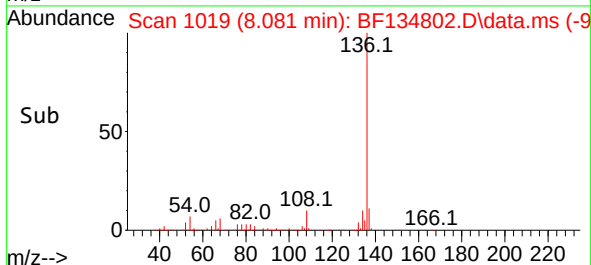
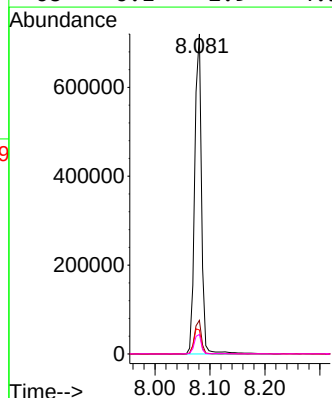
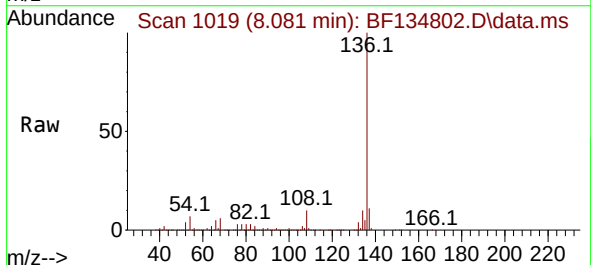
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

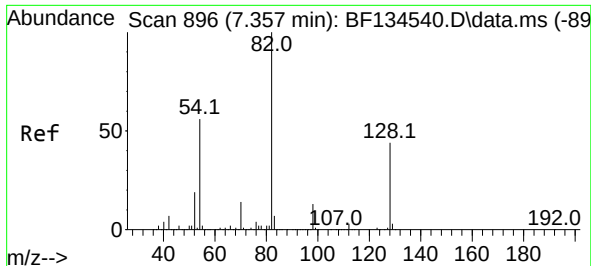
Tgt Ion: 99 Resp: 922994
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 33.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

Tgt Ion: 136 Resp: 616986
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.5 5.2 7.8
68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 54.510 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134802.D

Acq: 16 Aug 2023 11:34

Instrument :

BNA_F

ClientSampleId :

SU-03-081423

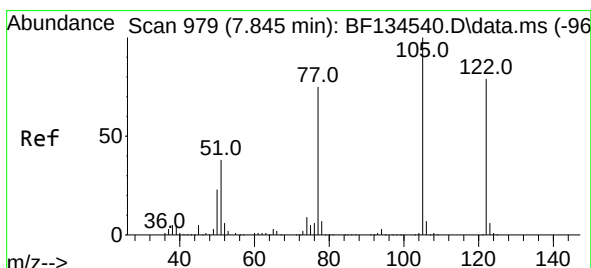
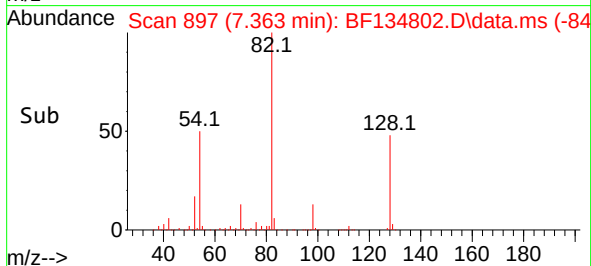
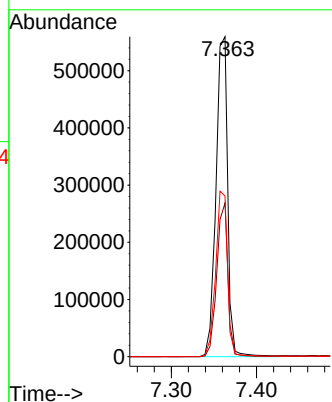
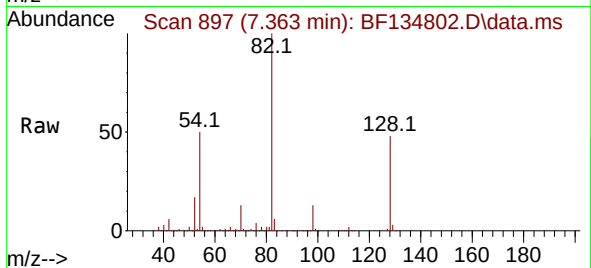
Tgt Ion: 82 Resp: 538174

Ion Ratio Lower Upper

82 100

128 48.0 34.3 51.5

54 50.2 43.8 65.6



#32

Benzoic acid

Concen: 8.323 ng m

RT: 7.798 min Scan# 971

Delta R.T. -0.065 min

Lab File: BF134802.D

Acq: 16 Aug 2023 11:34

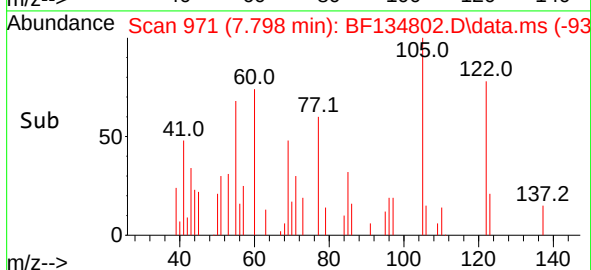
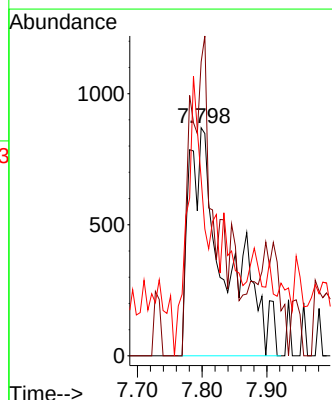
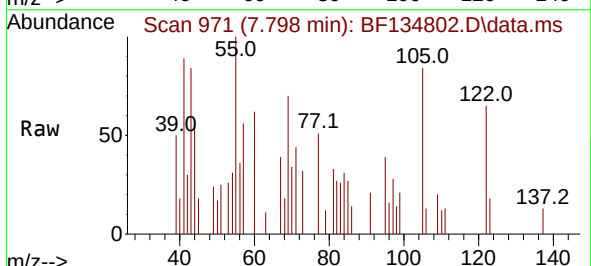
Tgt Ion:122 Resp: 3419

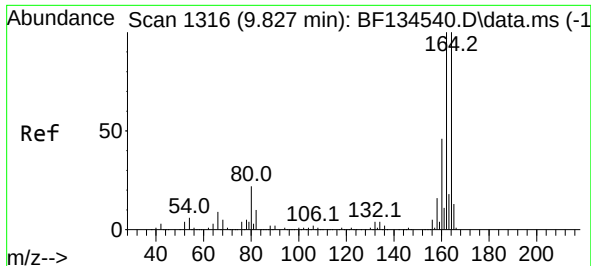
Ion Ratio Lower Upper

122 100

105 128.9 87.5 127.5#

77 77.7 71.4 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134802.D

Acq: 16 Aug 2023 11:34

Instrument :

BNA_F

ClientSampleId :

SU-03-081423

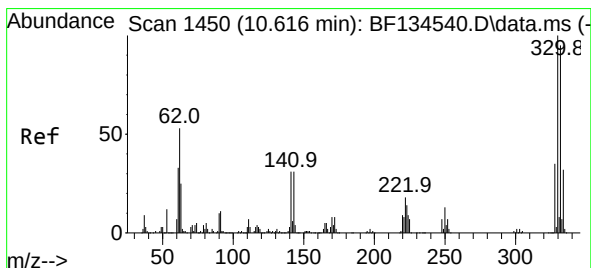
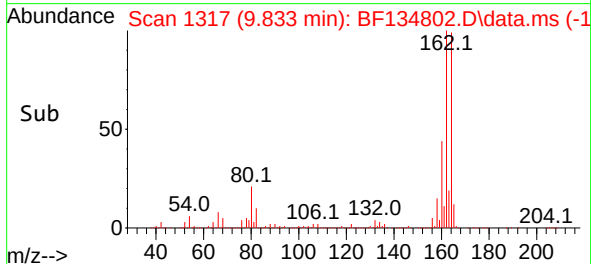
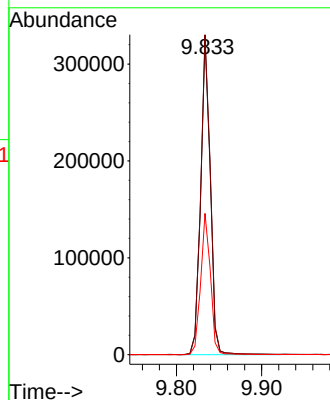
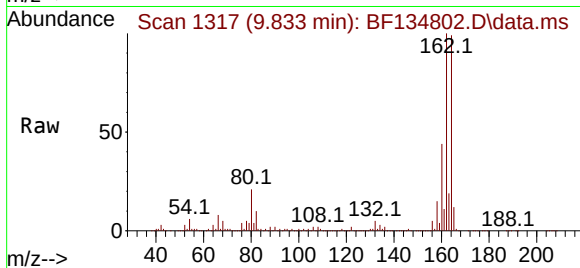
Tgt Ion:164 Resp: 257186

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

160 44.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 69.254 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134802.D

Acq: 16 Aug 2023 11:34

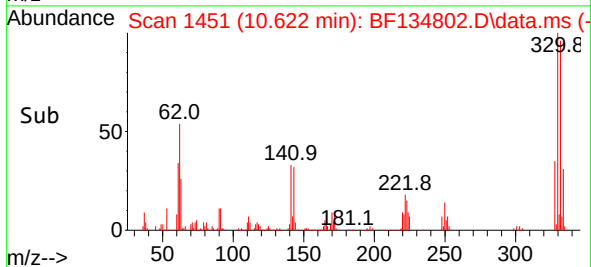
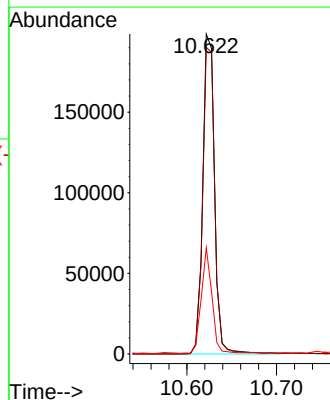
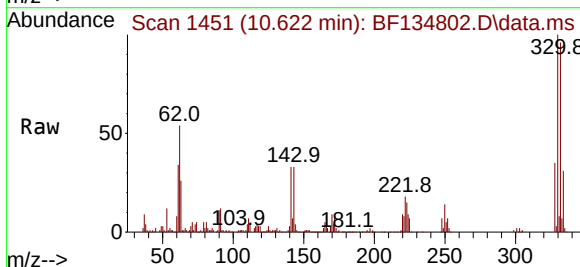
Tgt Ion:330 Resp: 181568

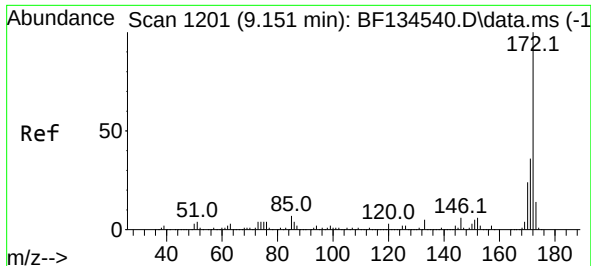
Ion Ratio Lower Upper

330 100

332 97.2 78.8 118.2

141 29.9 25.4 38.2

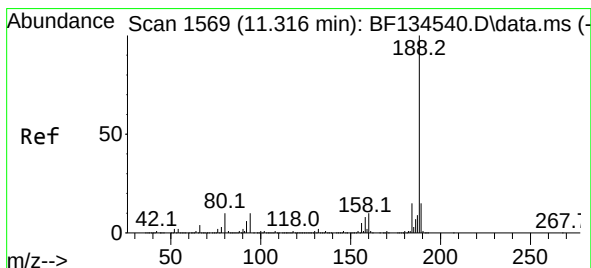
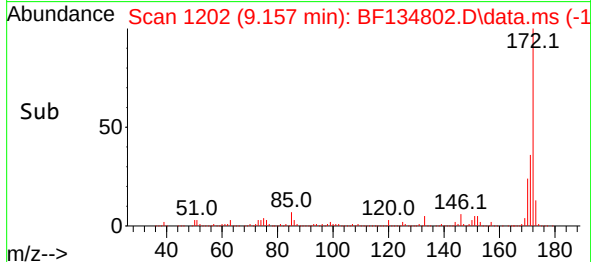
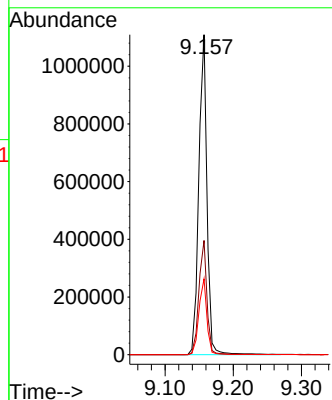
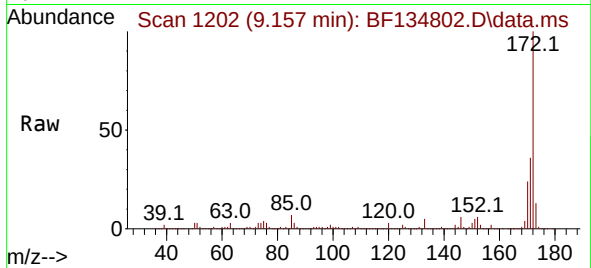




#45
2-Fluorobiphenyl
Concen: 59.764 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

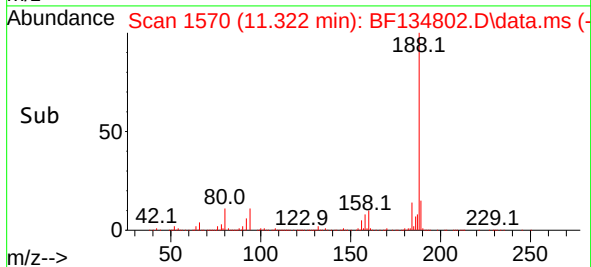
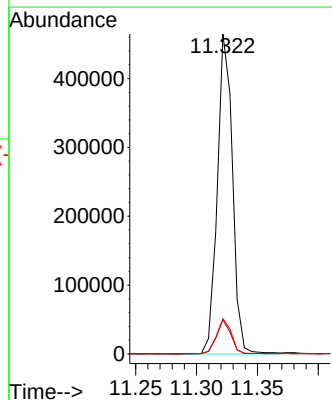
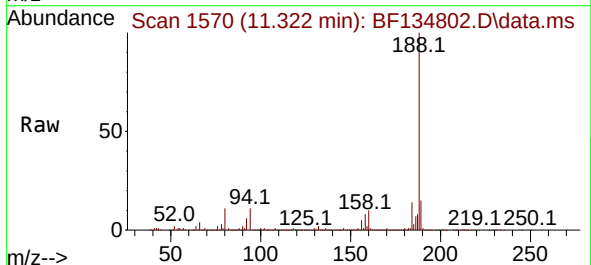
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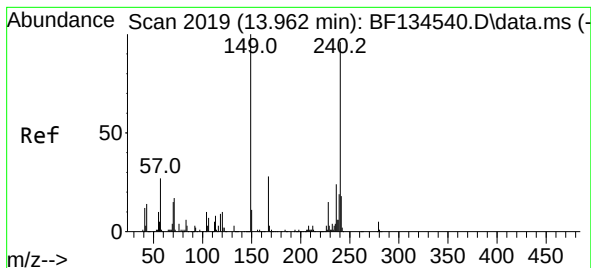
Tgt Ion:172 Resp: 924439
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

Tgt Ion:188 Resp: 403126
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.0 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: BF134802.D

Acq: 16 Aug 2023 11:34

Instrument :

BNA_F

ClientSampleId :

SU-03-081423

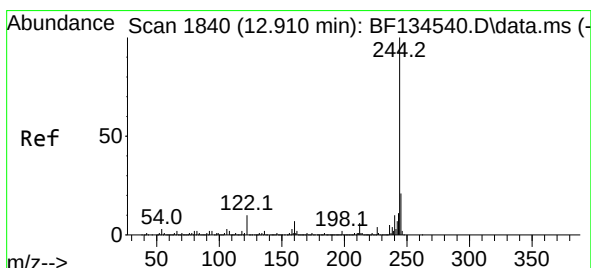
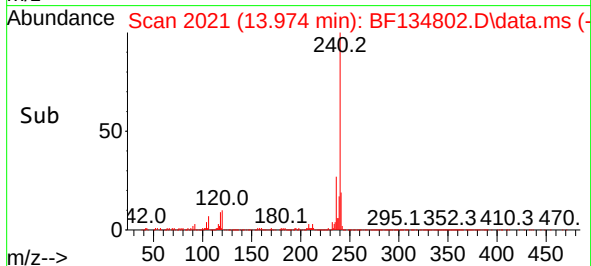
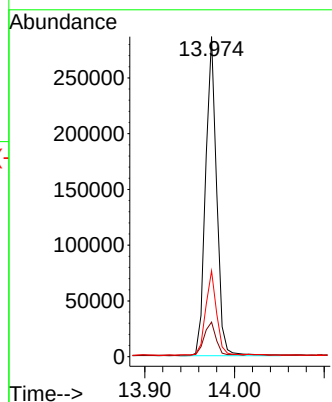
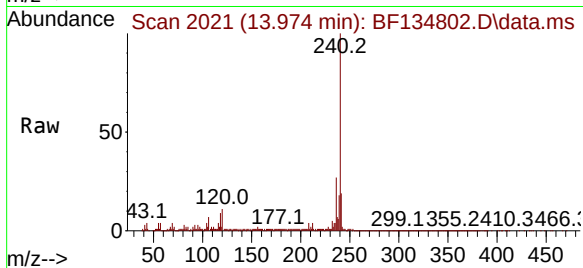
Tgt Ion:240 Resp: 245120

Ion Ratio Lower Upper

240 100

120 10.8 6.6 10.0#

236 26.8 20.2 30.2



#79

Terphenyl-d14

Concen: 59.855 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134802.D

Acq: 16 Aug 2023 11:34

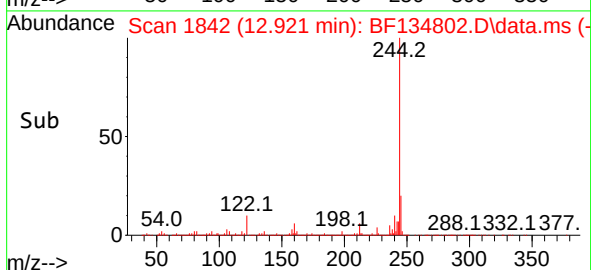
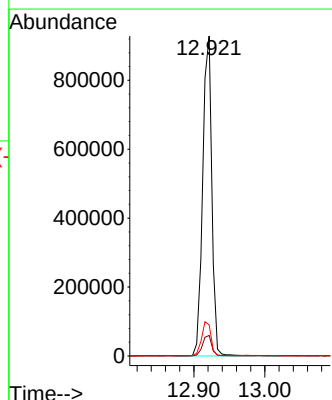
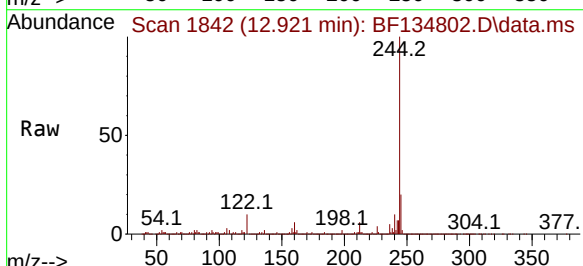
Tgt Ion:244 Resp: 832261

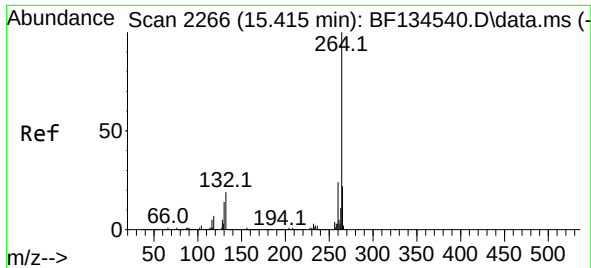
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

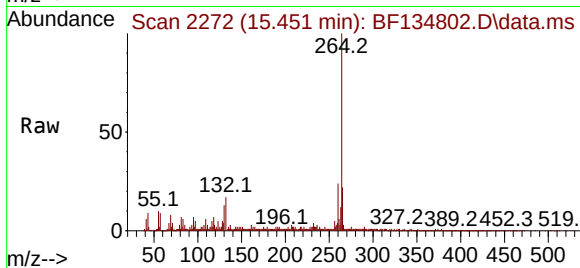
122 9.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134802.D
Acq: 16 Aug 2023 11:34

Instrument :
BNA_F
ClientSampleId :
SU-03-081423



Tgt Ion:264 Resp: 203746

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	15.8	23.8

