

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134506.D
 Acq On : 27 Jul 2023 15:20
 Operator : CG\JU
 Sample : 03731-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 27 16:02:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

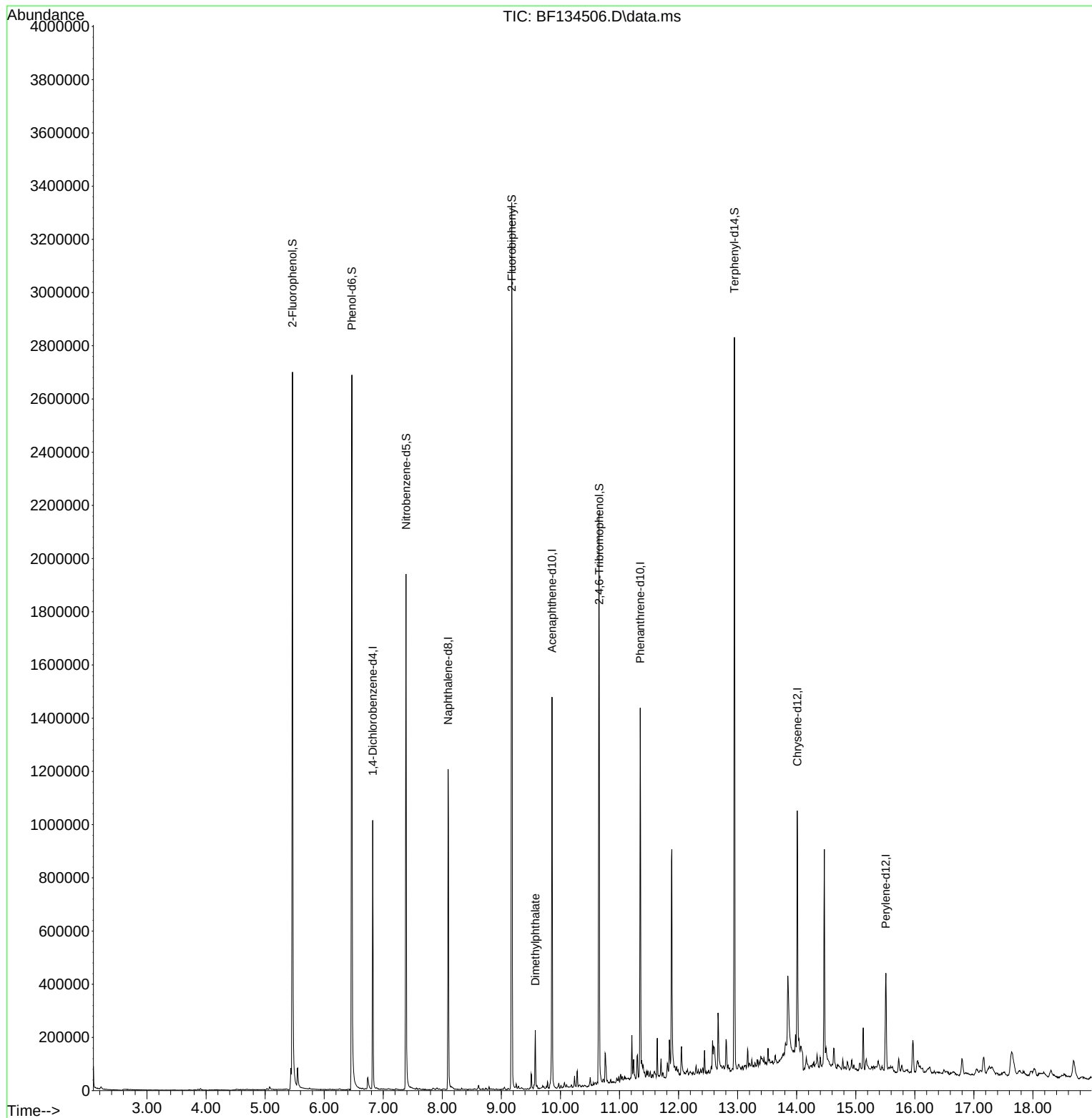
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	139007	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	529092	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	264289	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	472858	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	302848	20.000	ng	#-0.01
86) Perylene-d12	15.509	264	172638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	732723	87.089	ng	0.00
7) Phenol-d6	6.469	99	862714	83.692	ng	0.00
23) Nitrobenzene-d5	7.386	82	565025	54.031	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	262571	69.924	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	1041900	51.754	ng	0.00
79) Terphenyl-d14	12.945	244	938905	54.120	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.574	163	77646	3.963	ng	Qvalue 100

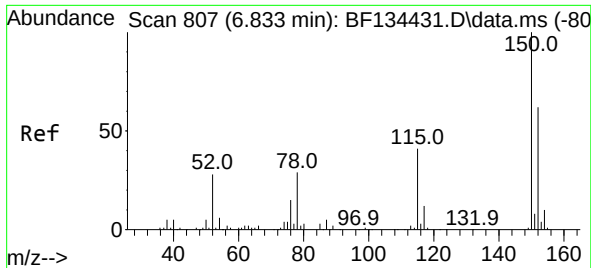
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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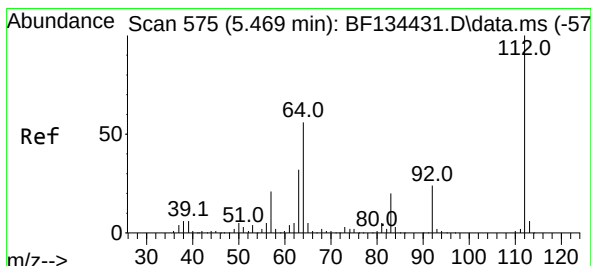
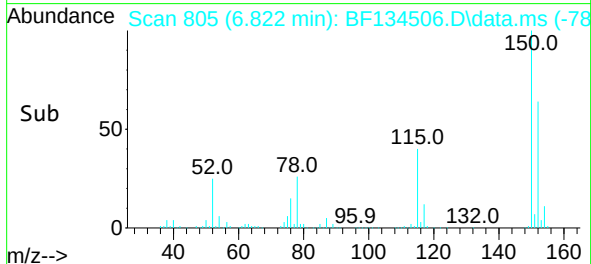
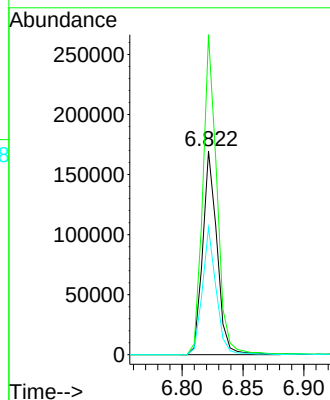
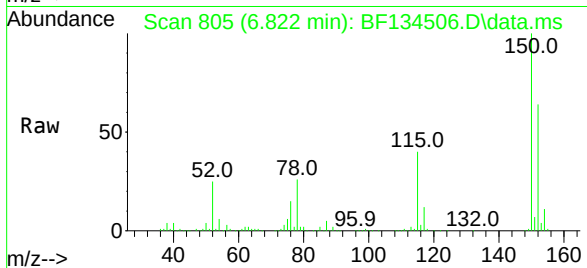




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

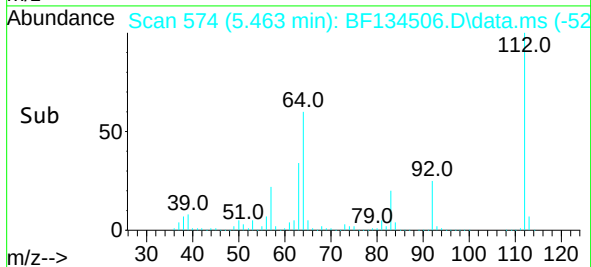
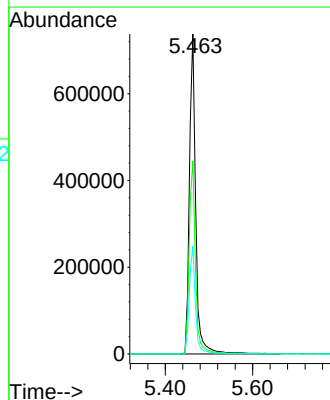
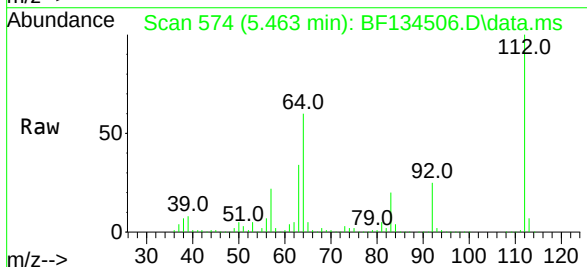
Instrument :
BNA_F
ClientSampleId :
WC-1

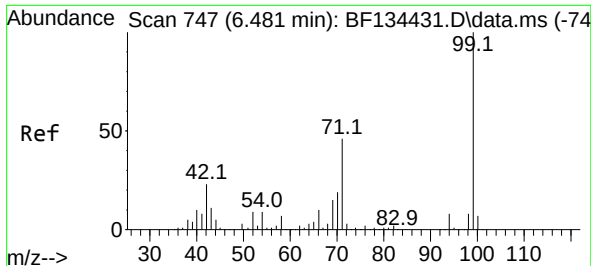
Tgt Ion:152 Resp: 139007
Ion Ratio Lower Upper
152 100
150 157.1 128.3 192.5
115 62.4 52.4 78.6



#5
2-Fluorophenol
Concen: 87.089 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

Tgt Ion:112 Resp: 732723
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 33.6 25.4 38.0

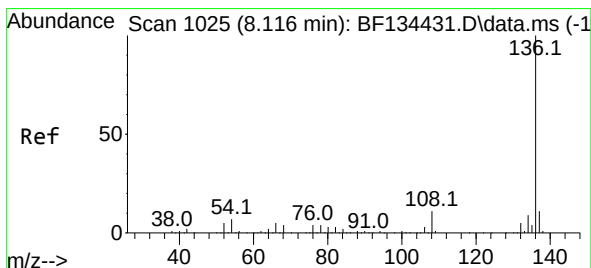
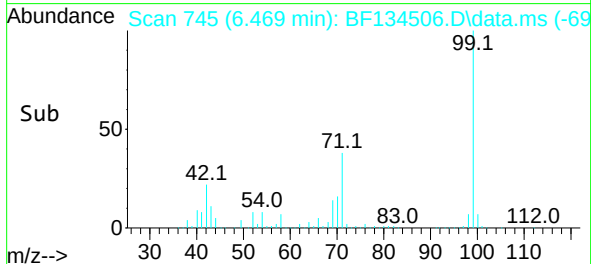
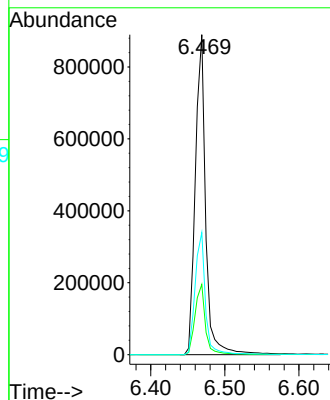
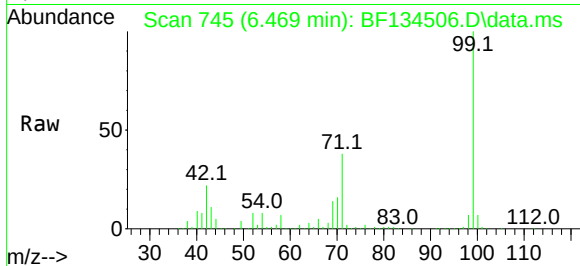




#7
Phenol-d6
Concen: 83.692 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

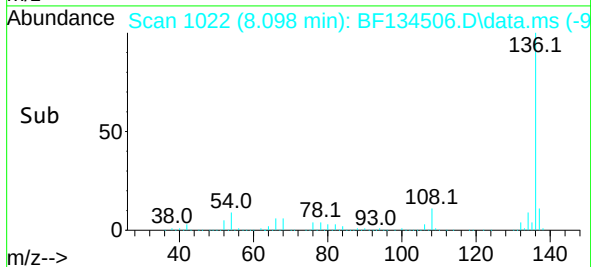
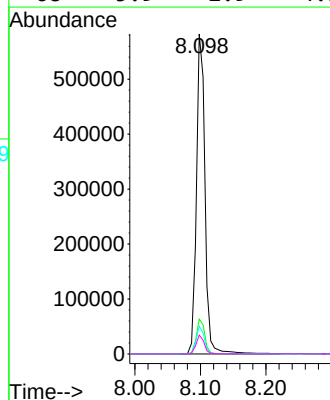
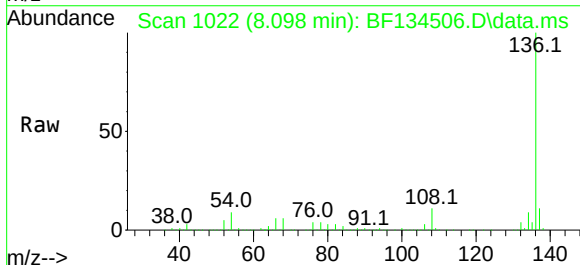
Instrument :
BNA_F
ClientSampleId :
WC-1

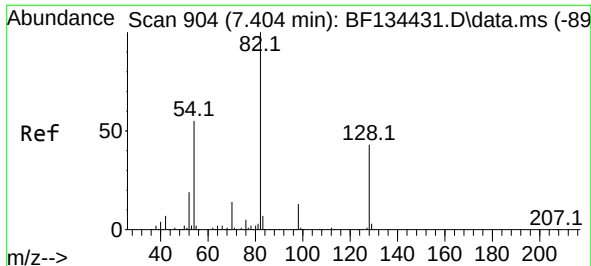
Tgt Ion: 99 Resp: 862714
Ion Ratio Lower Upper
99 100
42 21.9 18.7 28.1
71 38.1 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

Tgt Ion: 136 Resp: 529092
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8#
68 5.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 54.031 ng

RT: 7.386 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

Instrument :

BNA_F

ClientSampleId :

WC-1

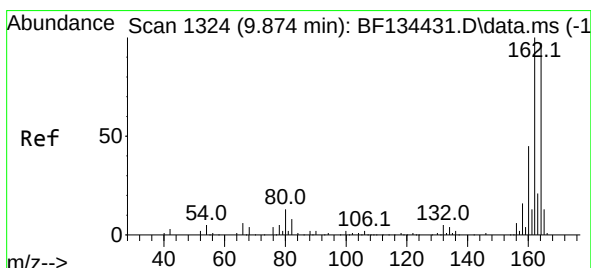
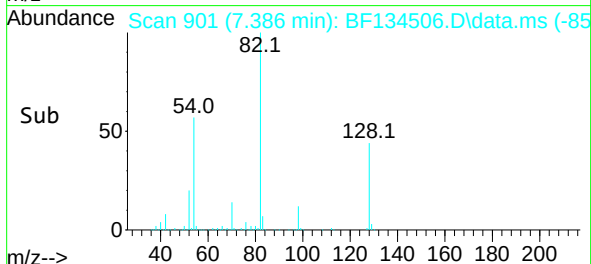
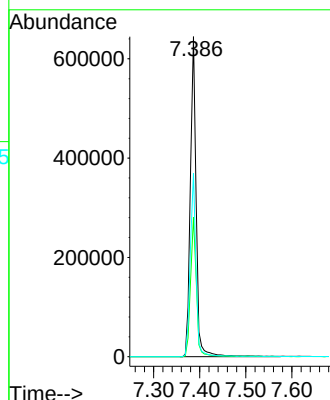
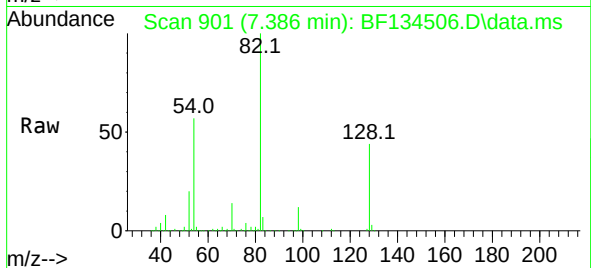
Tgt Ion: 82 Resp: 565025

Ion Ratio Lower Upper

82 100

128 43.6 34.3 51.5

54 57.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

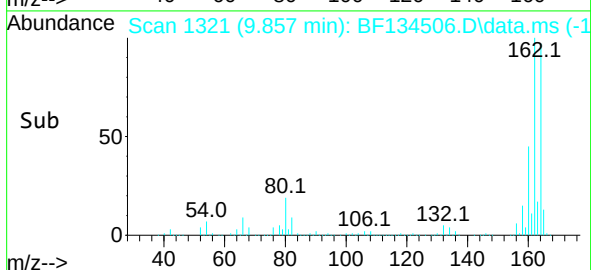
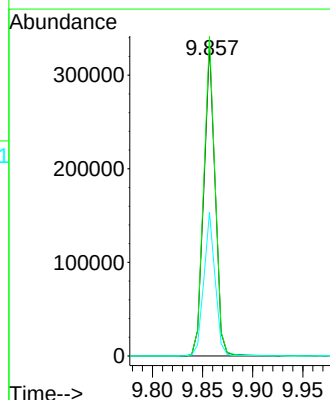
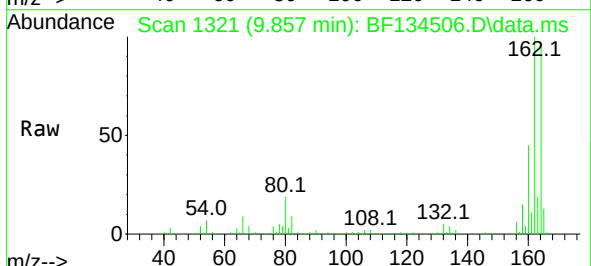
Tgt Ion:164 Resp: 264289

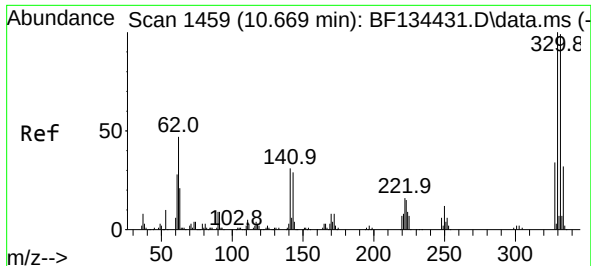
Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 46.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 69.924 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

Instrument :

BNA_F

ClientSampleId :

WC-1

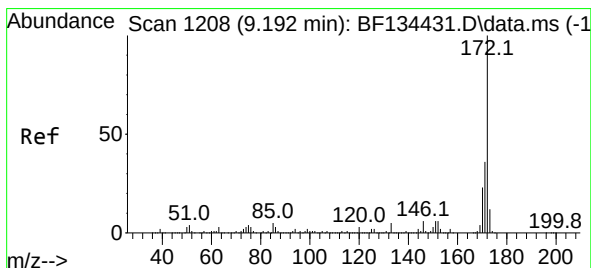
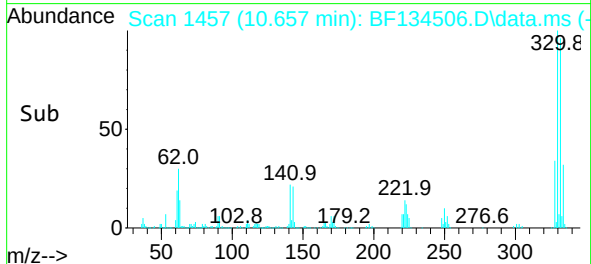
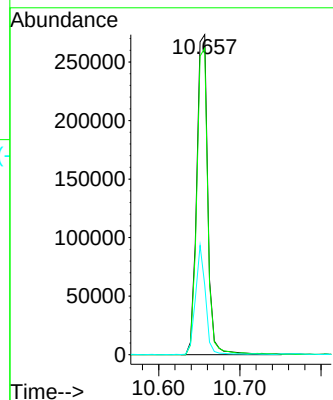
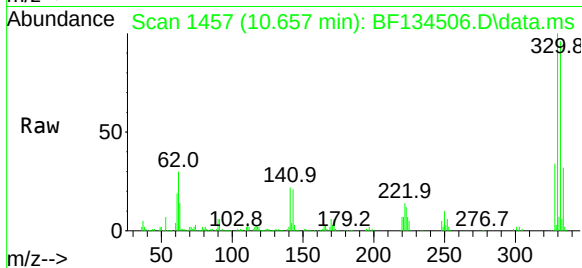
Tgt Ion:330 Resp: 262571

Ion Ratio Lower Upper

330 100

332 94.4 78.8 118.2

141 30.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 51.754 ng

RT: 9.174 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

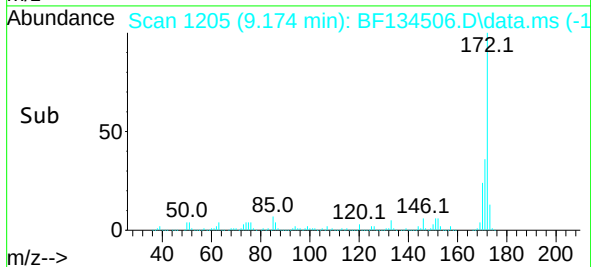
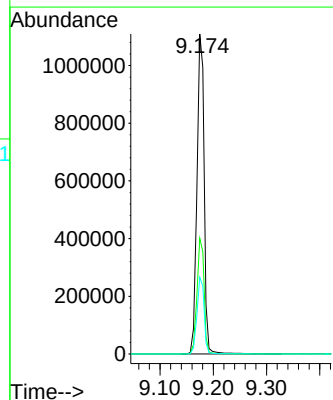
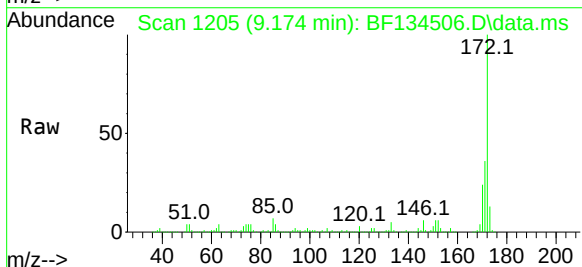
Tgt Ion:172 Resp: 1041900

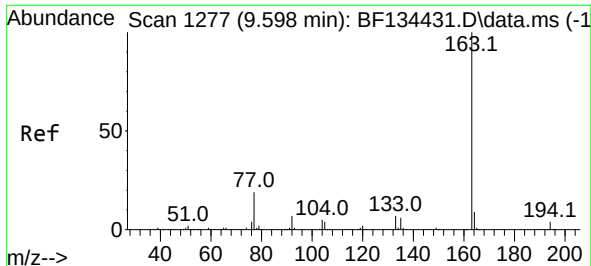
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 18.7 28.1

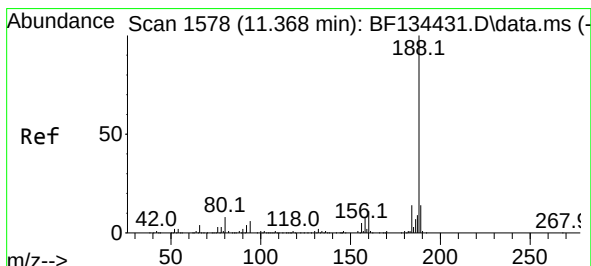
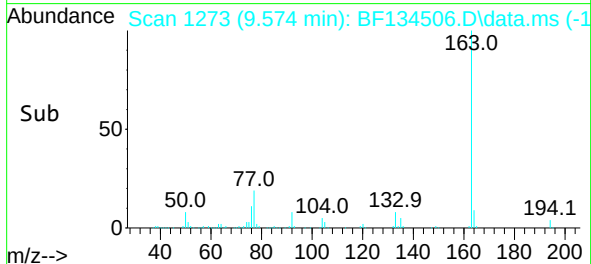
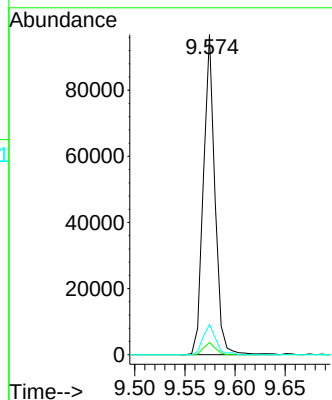
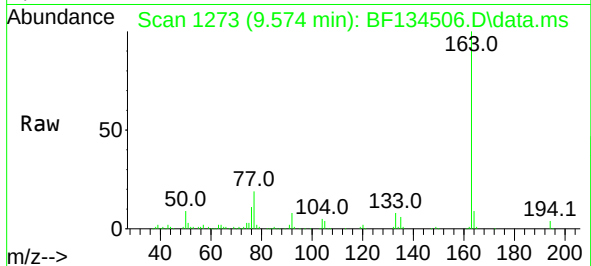




#50
Dimethylphthalate
Concen: 3.963 ng
RT: 9.574 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

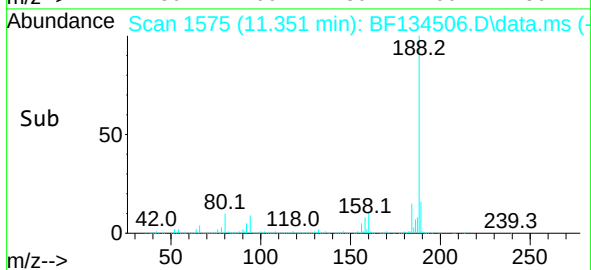
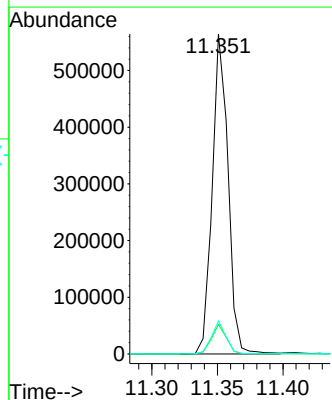
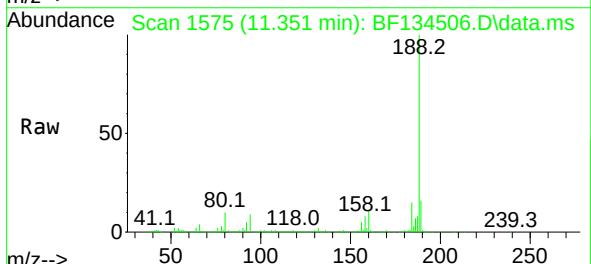
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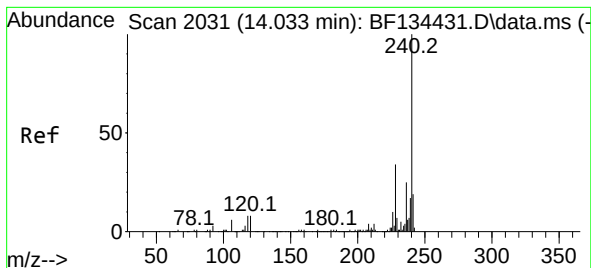
Tgt Ion:163 Resp: 77646
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.4 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF134506.D
Acq: 27 Jul 2023 15:20

Tgt Ion:188 Resp: 472858
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.3 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

Instrument :

BNA_F

ClientSampleId :

WC-1

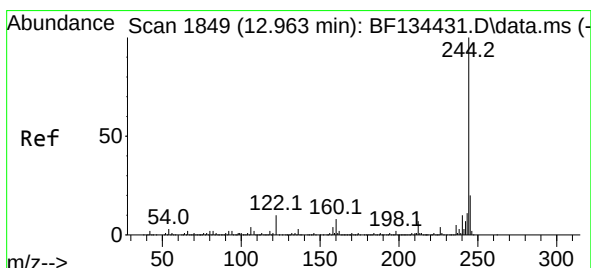
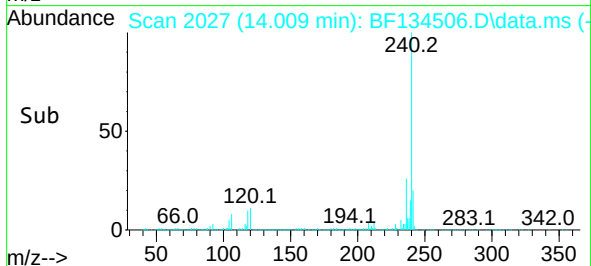
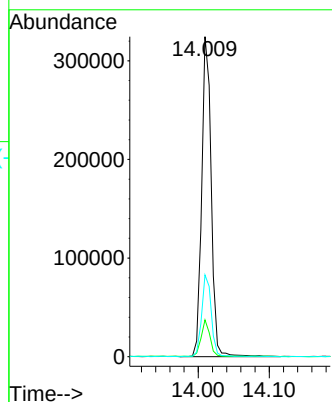
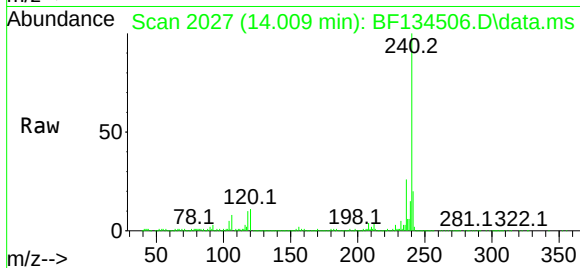
Tgt Ion:240 Resp: 302848

Ion Ratio Lower Upper

240 100

120 11.5 6.6 10.0#

236 25.5 20.2 30.2



#79

Terphenyl-d14

Concen: 54.120 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF134506.D

Acq: 27 Jul 2023 15:20

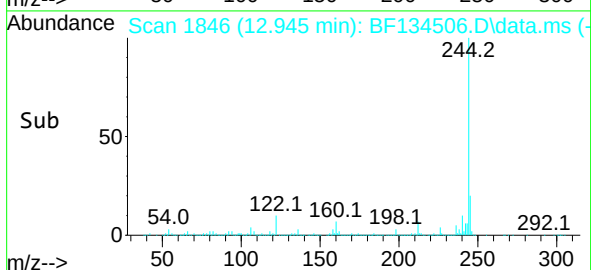
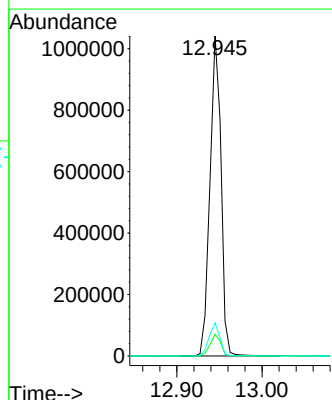
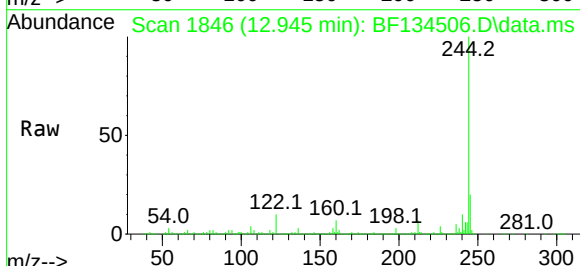
Tgt Ion:244 Resp: 938905

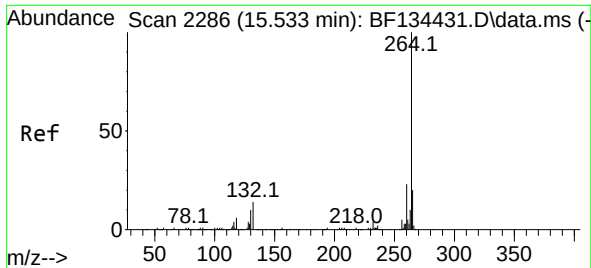
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134506.D

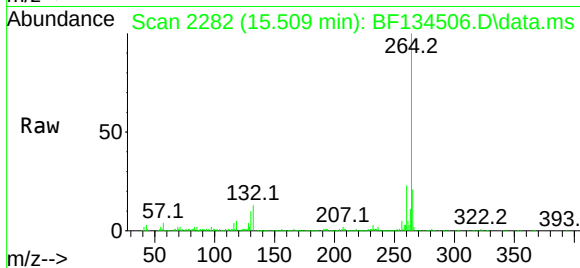
Acq: 27 Jul 2023 15:20

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 172638

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 20.9 15.8 23.8

