

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134514.D
 Acq On : 27 Jul 2023 19:56
 Operator : CG\JU
 Sample : 03706-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P9B

Quant Time: Jul 28 02:07:37 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)

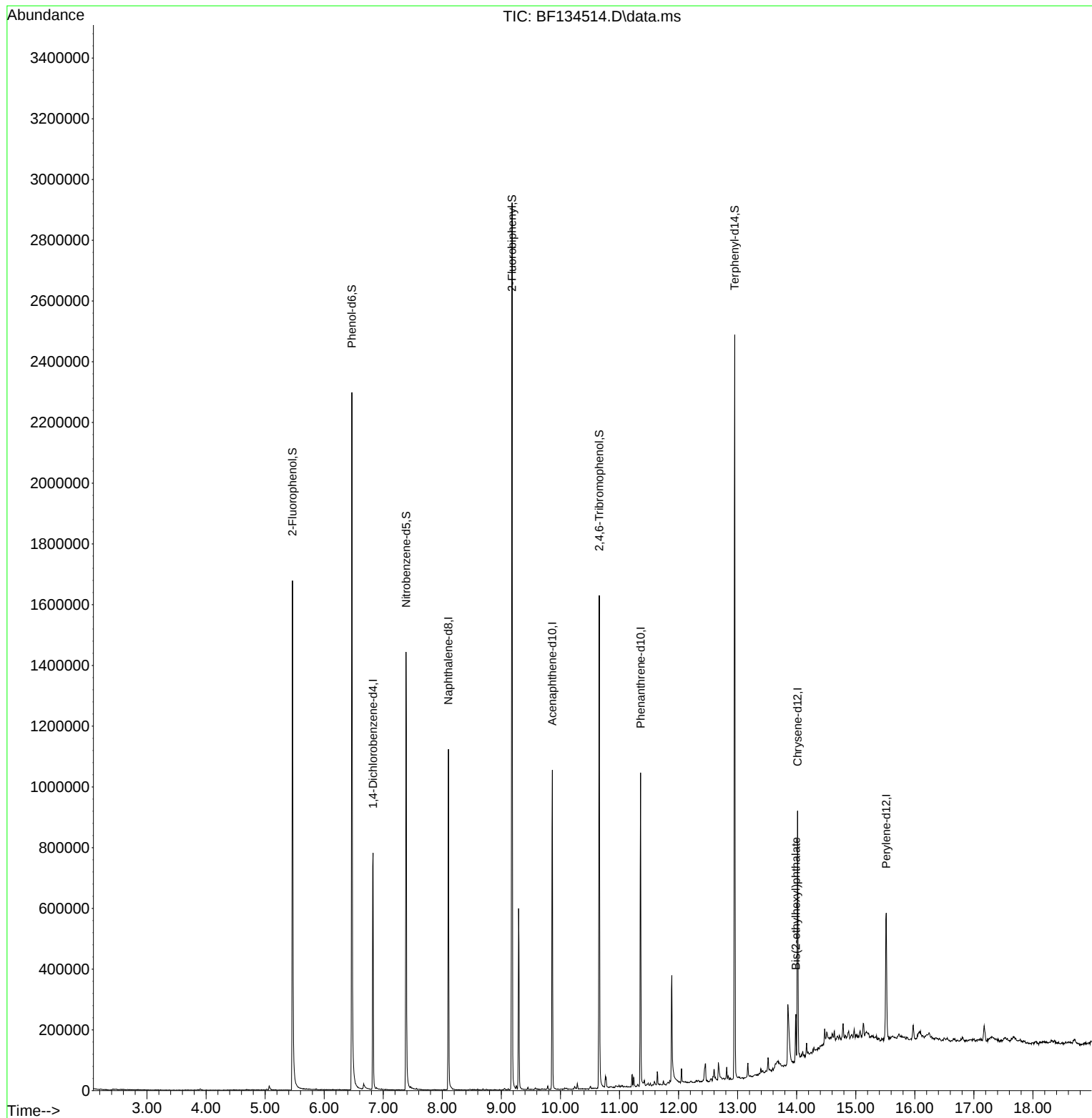
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	122105	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	455951	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	205030	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	366378	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	269495	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	207974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	476206	64.435	ng	0.00
7) Phenol-d6	6.469	99	705643	77.930	ng	0.00
23) Nitrobenzene-d5	7.386	82	452544	50.216	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	189897	65.187	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	818914	52.434	ng	0.00
79) Terphenyl-d14	12.951	244	838485	54.313	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.986	149	43268	4.149	ng	Qvalue 100

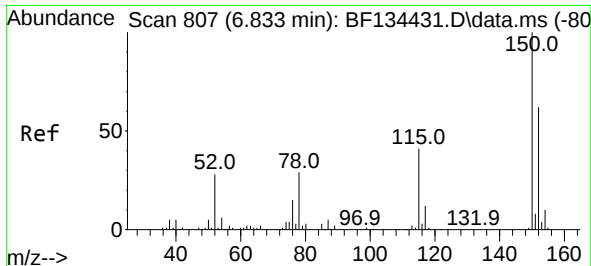
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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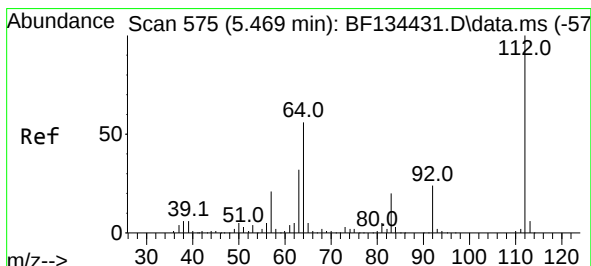
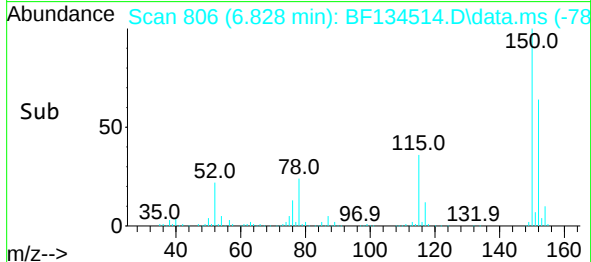
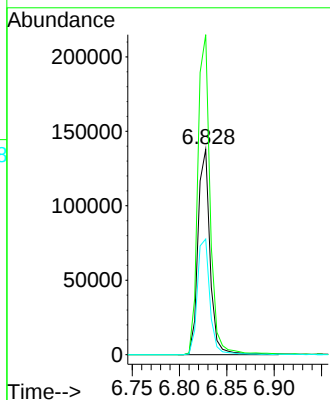
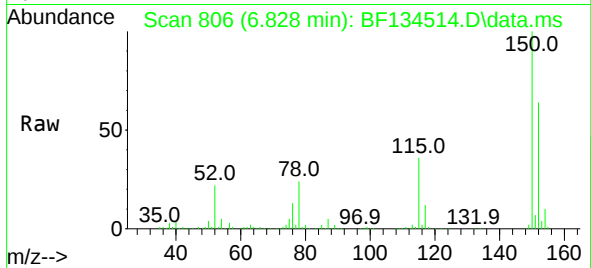




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

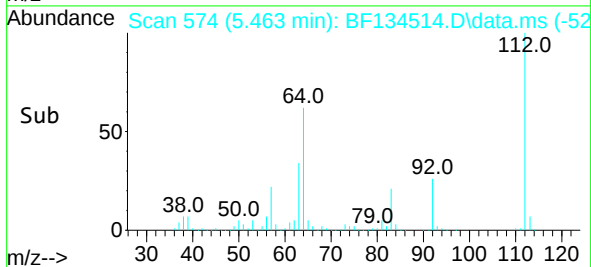
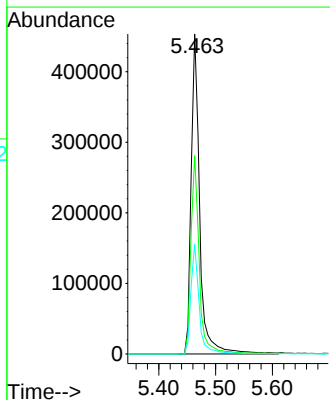
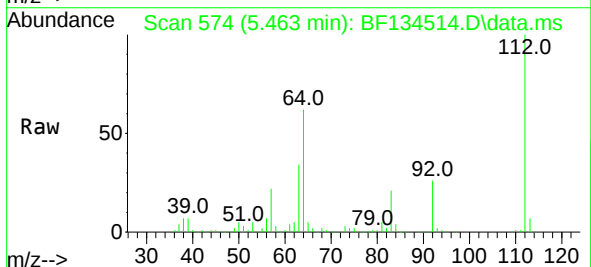
Instrument :
BNA_F
ClientSampleId :
B-P9B

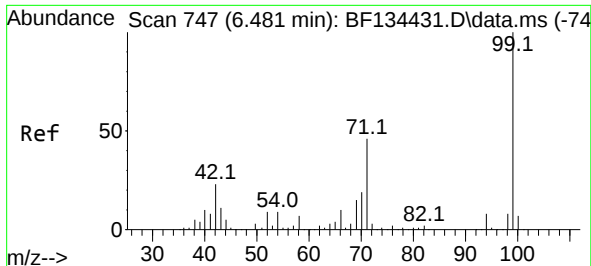
Tgt Ion:152 Resp: 122105
Ion Ratio Lower Upper
152 100
150 155.8 128.3 192.5
115 56.4 52.4 78.6



#5
2-Fluorophenol
Concen: 64.435 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion:112 Resp: 476206
Ion Ratio Lower Upper
112 100
64 61.9 44.9 67.3
63 34.3 25.4 38.0

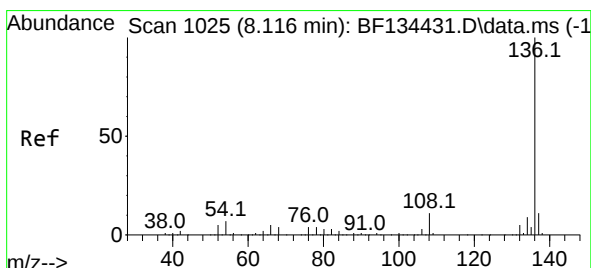
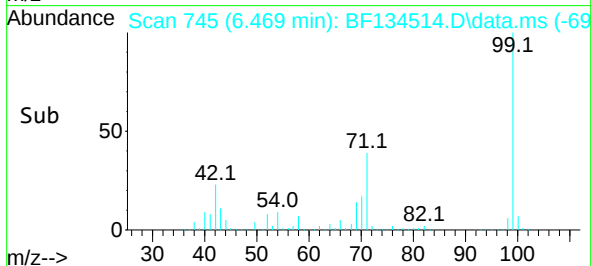
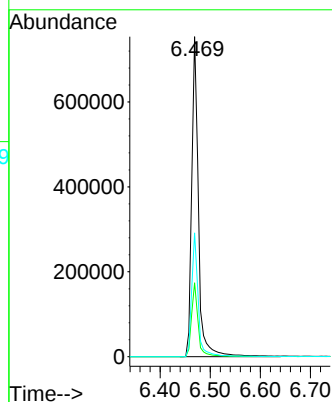
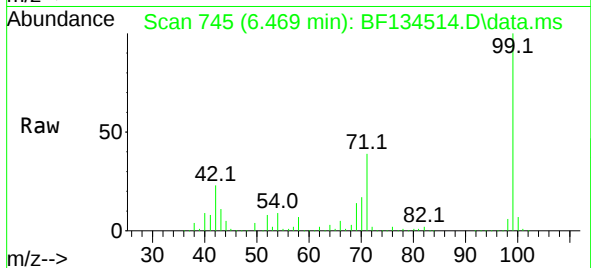




#7
Phenol-d6
Concen: 77.930 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

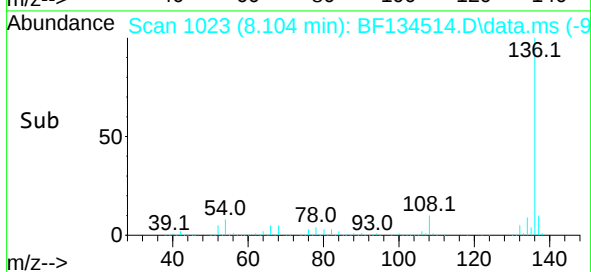
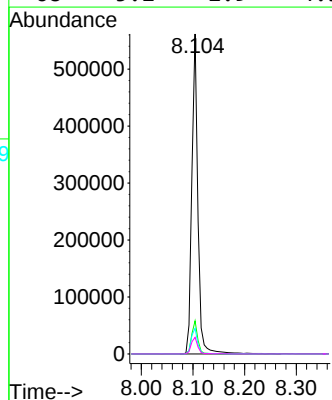
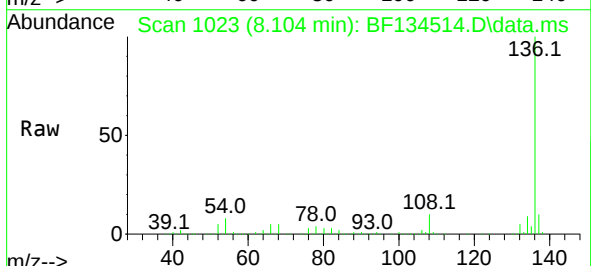
Instrument :
BNA_F
ClientSampleId :
B-P9B

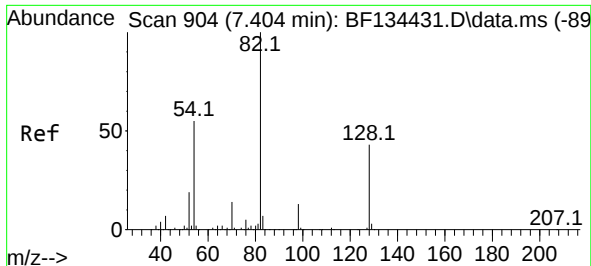
Tgt Ion: 99 Resp: 705643
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 38.7 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion:136 Resp: 455951
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 8.0 5.2 7.8#
68 5.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 50.216 ng

RT: 7.386 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

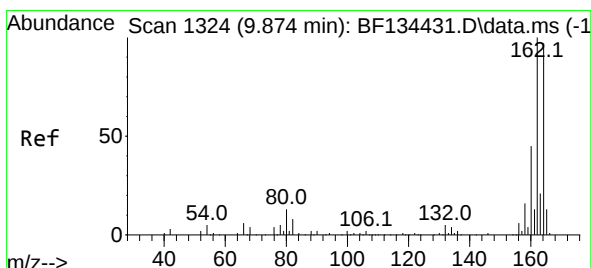
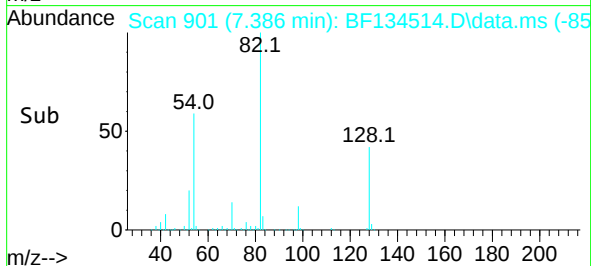
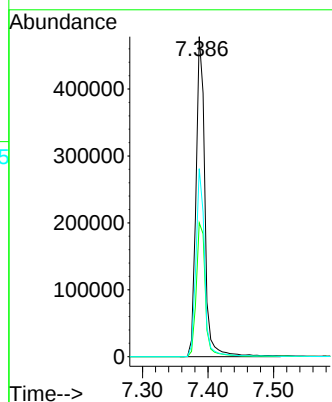
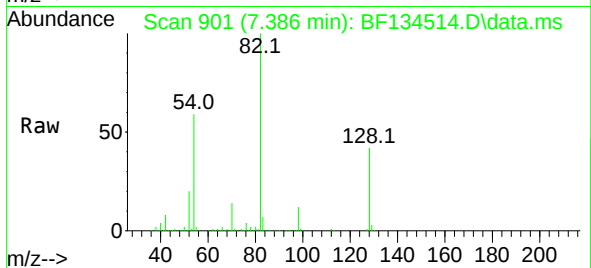
Tgt Ion: 82 Resp: 452544

Ion Ratio Lower Upper

82 100

128 41.9 34.3 51.5

54 58.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

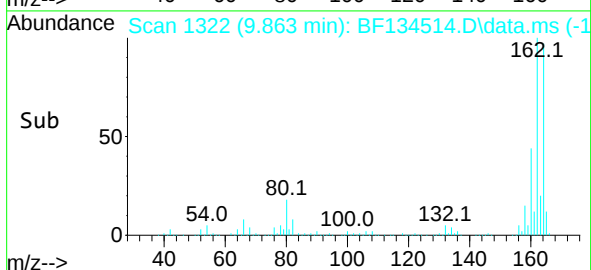
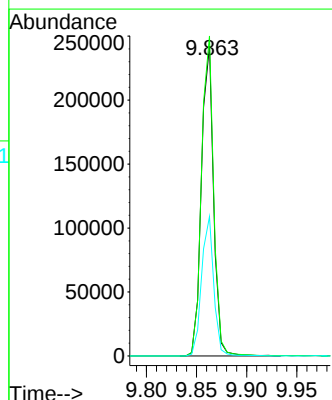
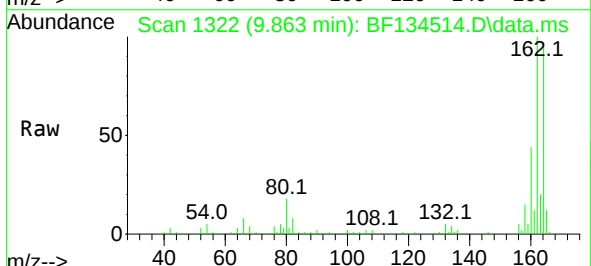
Tgt Ion:164 Resp: 205030

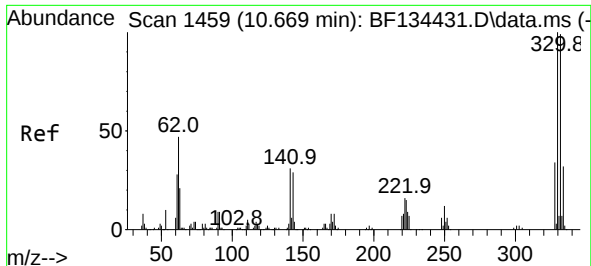
Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

160 45.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 65.187 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

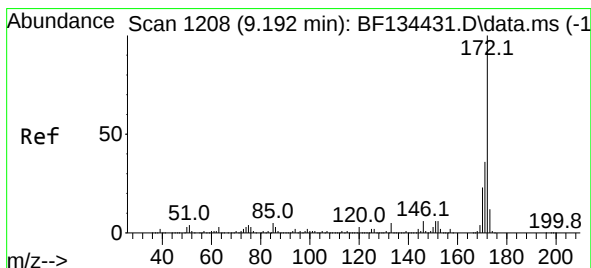
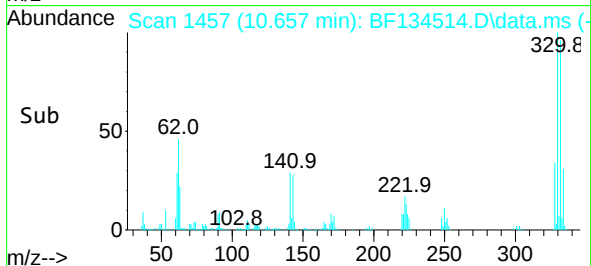
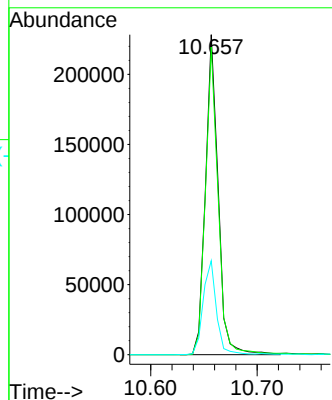
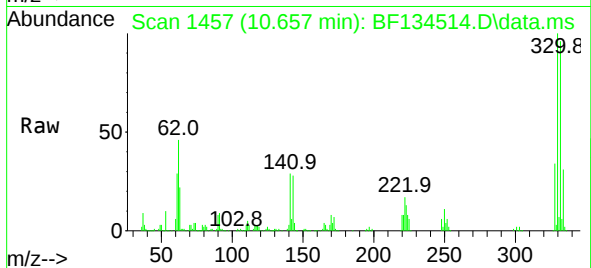
Tgt Ion:330 Resp: 189897

Ion Ratio Lower Upper

330 100

332 96.9 78.8 118.2

141 30.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.434 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

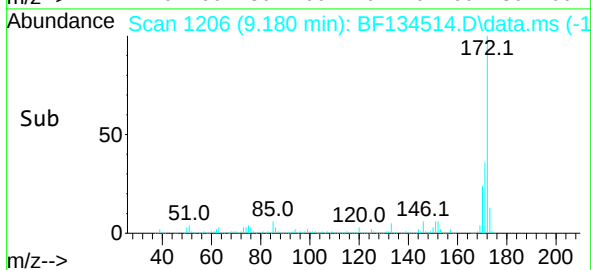
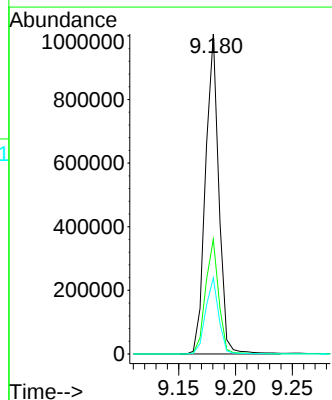
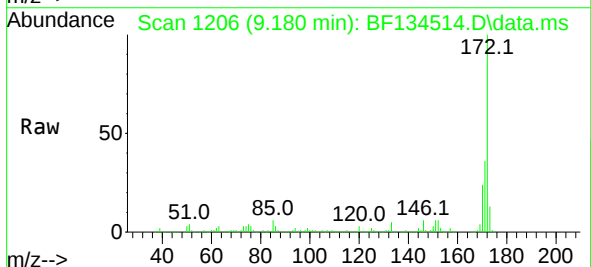
Tgt Ion:172 Resp: 818914

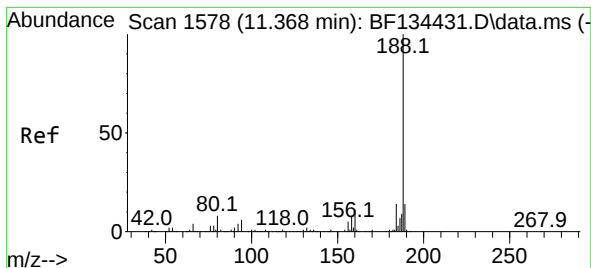
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

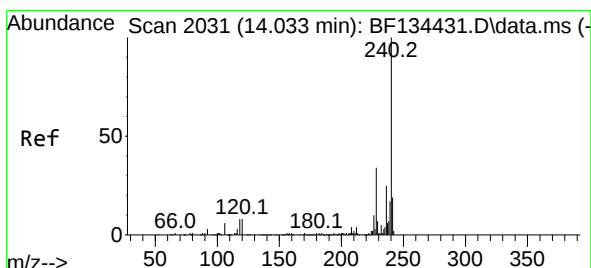
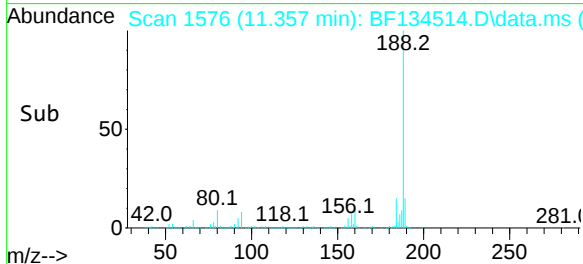
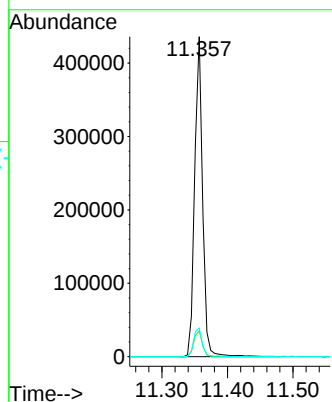
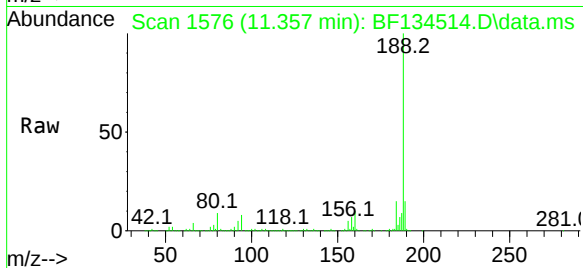
Tgt Ion:188 Resp: 366378

Ion Ratio Lower Upper

188 100

94 8.1 5.1 7.7#

80 8.9 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

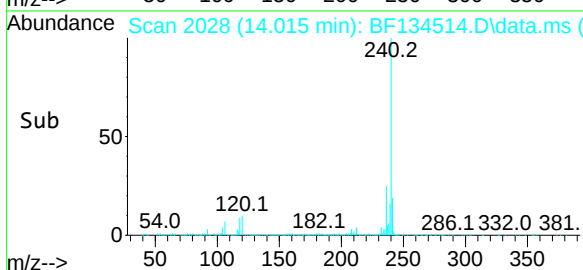
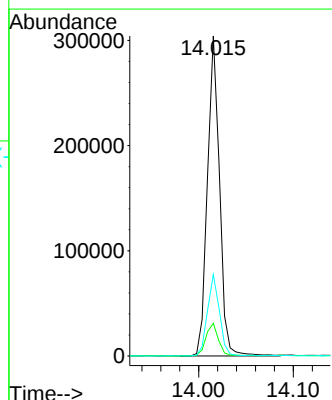
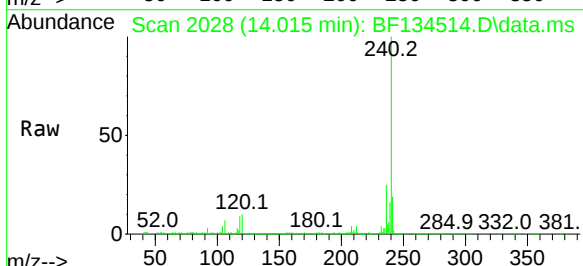
Tgt Ion:240 Resp: 269495

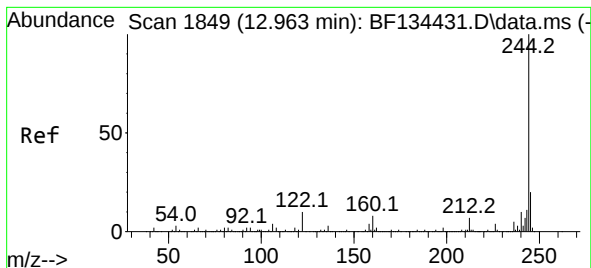
Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 54.313 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

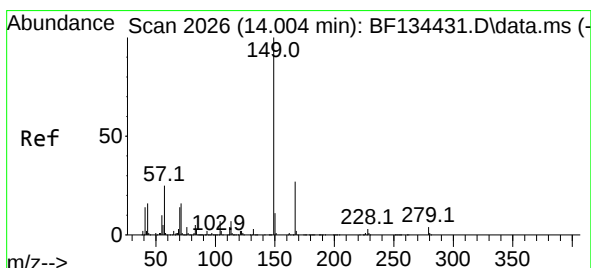
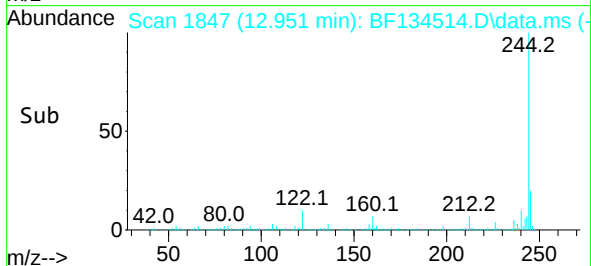
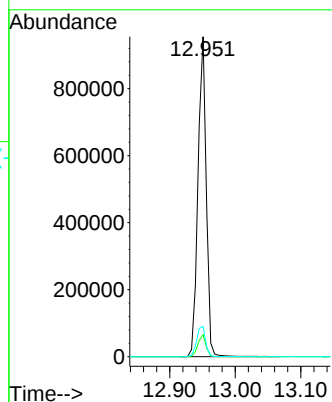
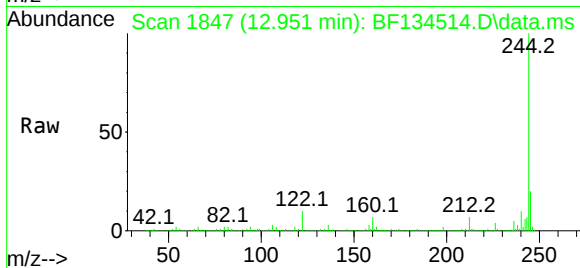
Tgt Ion:244 Resp: 838485

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 8.0 12.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.149 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

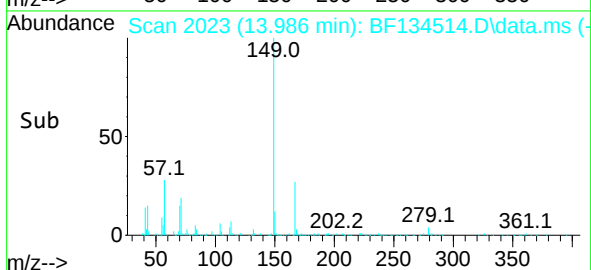
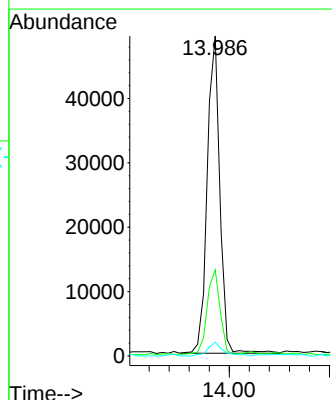
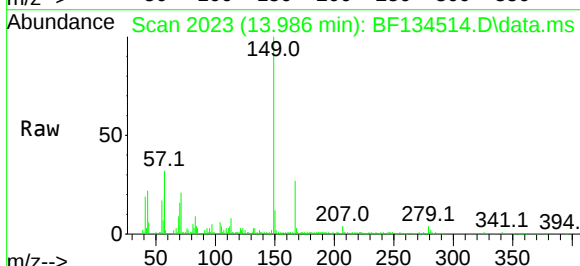
Tgt Ion:149 Resp: 43268

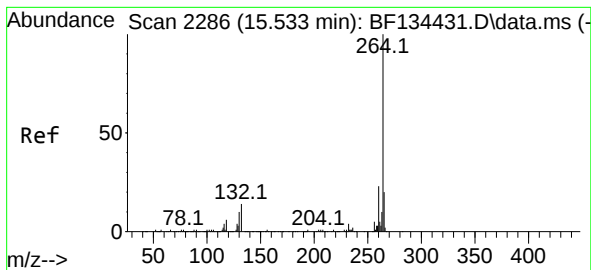
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.3 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Instrument :
BNA_F
ClientSampleId :
B-P9B

Tgt Ion:264 Resp: 207974

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	19.9	15.8	23.8

