

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134529.D
 Acq On : 28 Jul 2023 22:55
 Operator : CG\JU
 Sample : 03645-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jul 29 01:28:47 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)

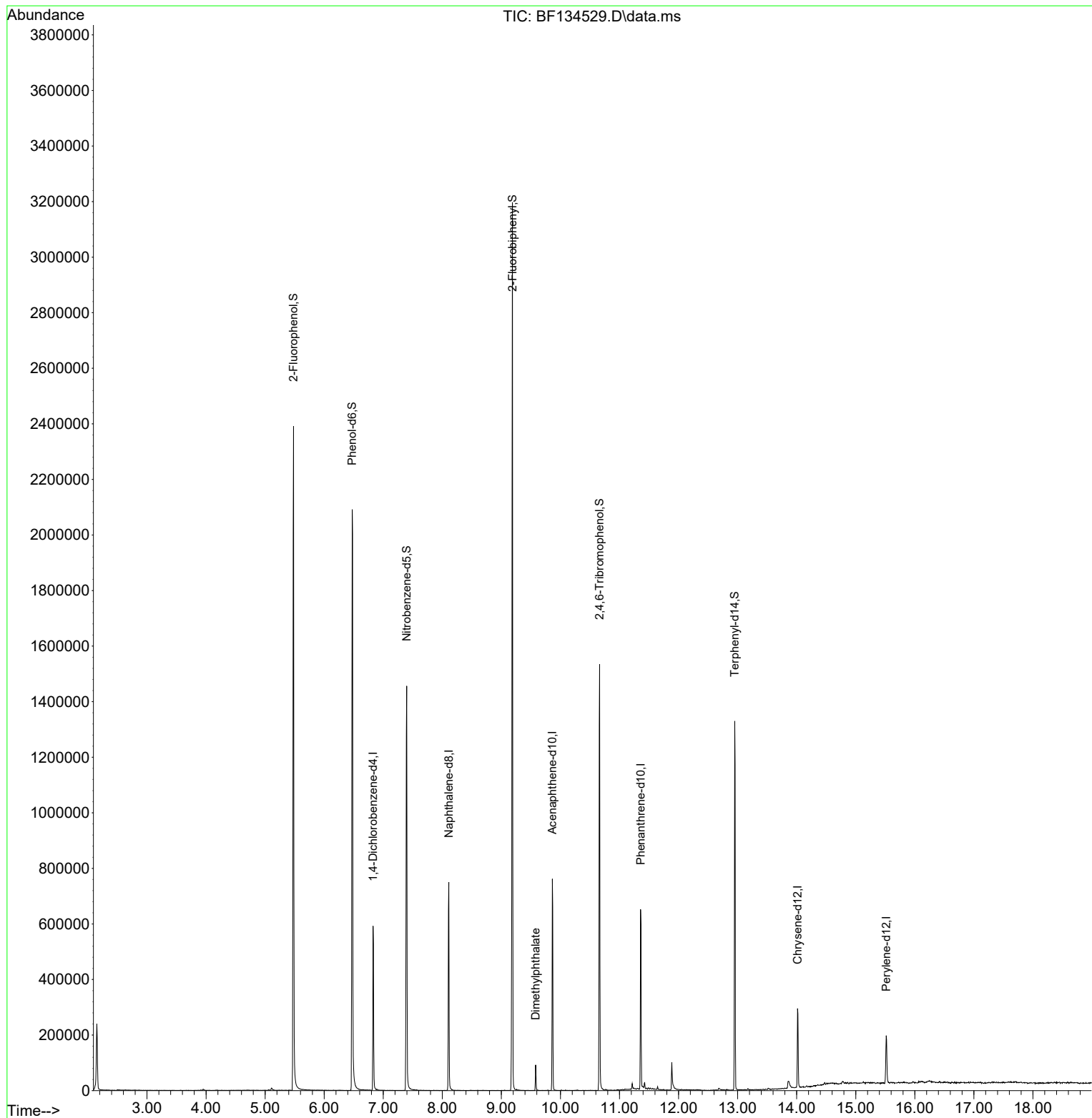
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	91888	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	340769	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	152963	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	249000	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	98446	20.000	ng	0.00
86) Perylene-d12	15.515	264	83866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	645102	115.992	ng	0.02
7) Phenol-d6	6.475	99	752803	110.478	ng	0.00
23) Nitrobenzene-d5	7.398	82	487022	72.309	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	191554	88.139	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	888206	76.230	ng	0.00
79) Terphenyl-d14	12.951	244	469302	83.218	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.580	163	31414	2.770	ng	Qvalue 97

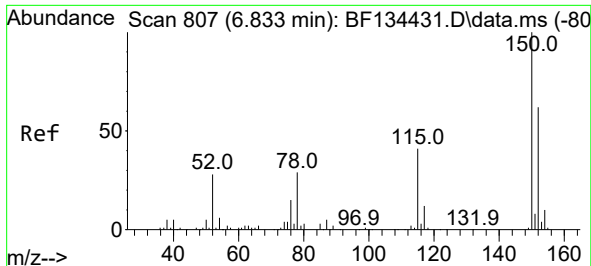
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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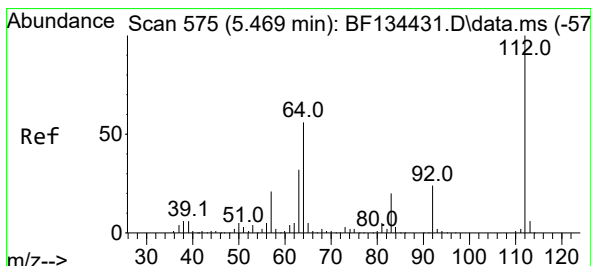
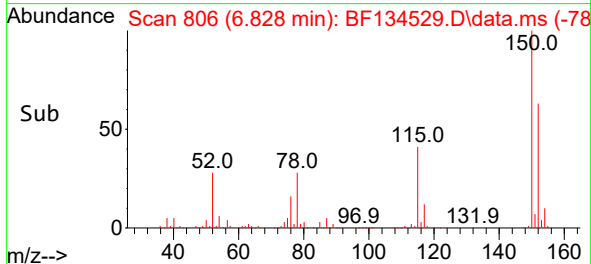
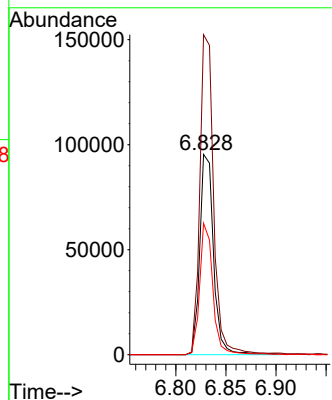
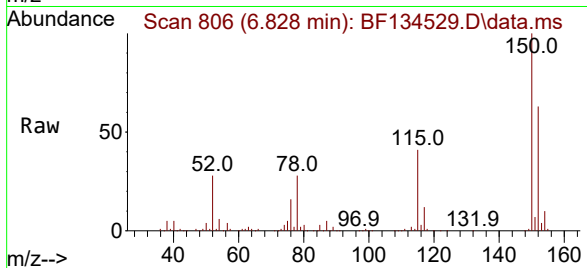




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

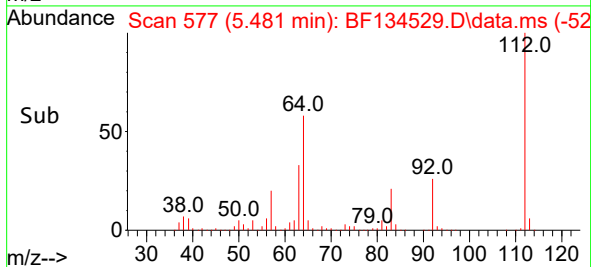
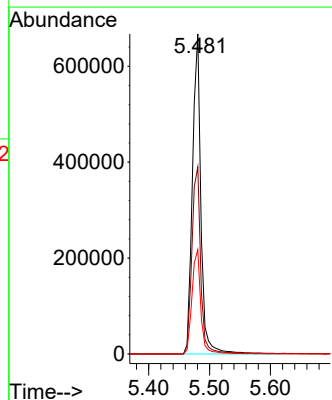
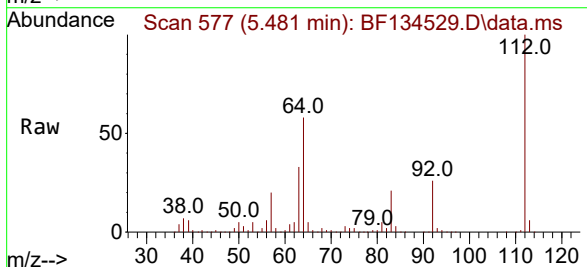
Instrument :
BNA_F
ClientSampleId :
DUP

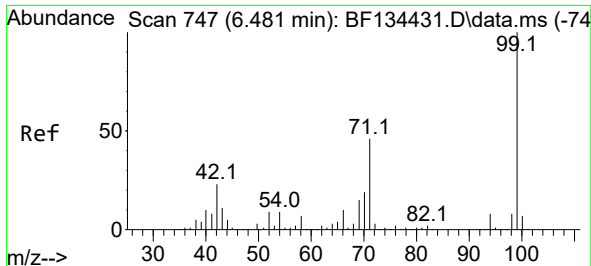
Tgt Ion:152 Resp: 91888
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 65.6 52.4 78.6



#5
2-Fluorophenol
Concen: 115.992 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:112 Resp: 645102
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 32.6 25.4 38.0

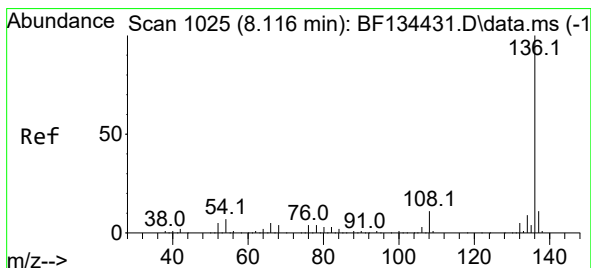
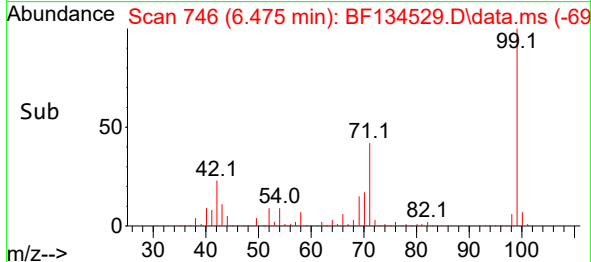
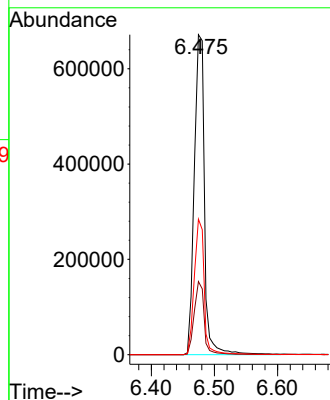
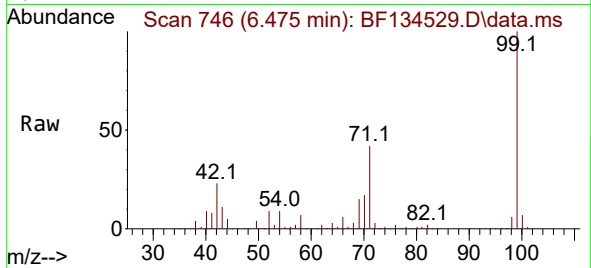




#7
Phenol-d6
Concen: 110.478 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

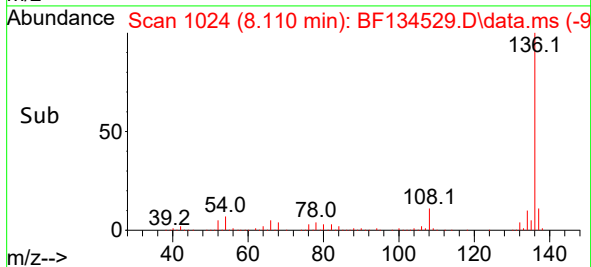
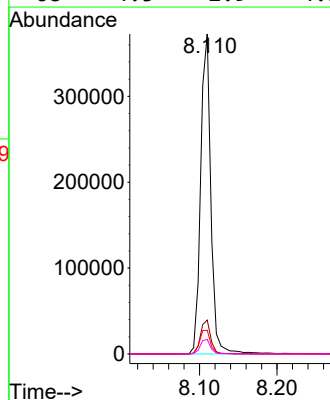
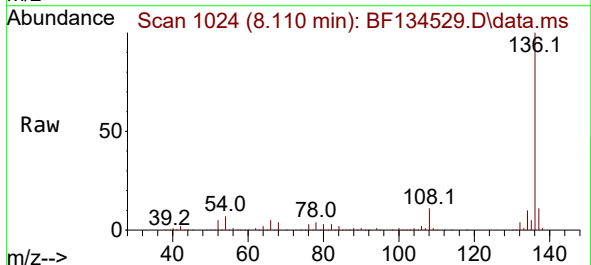
Instrument :
BNA_F
ClientSampleId :
DUP

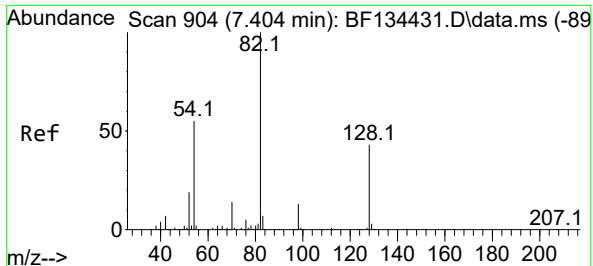
Tgt Ion: 99 Resp: 752803
Ion Ratio Lower Upper
99 100
42 22.9 18.7 28.1
71 42.4 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 136 Resp: 340769
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.4 5.2 7.8
68 4.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 72.309 ng

RT: 7.398 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

DUP

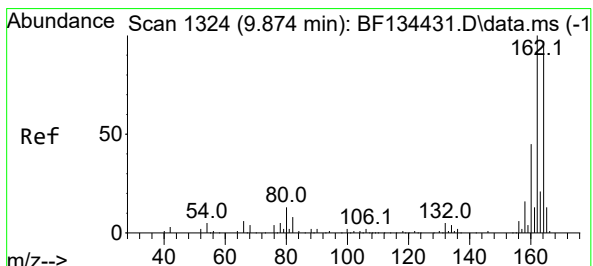
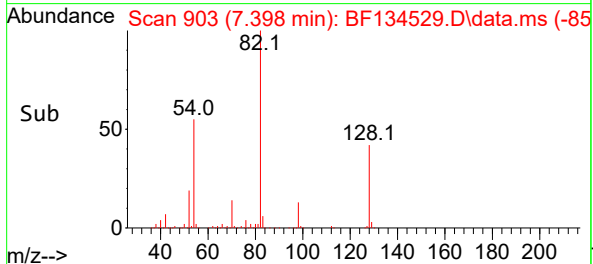
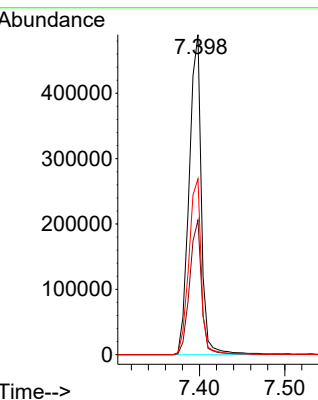
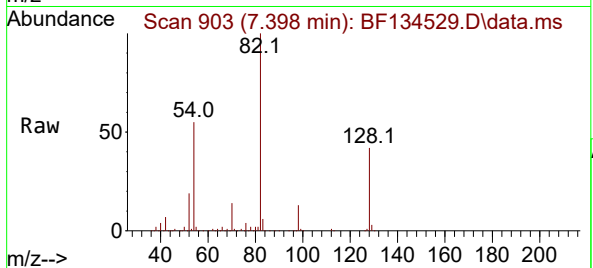
Tgt Ion: 82 Resp: 487022

Ion Ratio Lower Upper

82 100

128 42.0 34.3 51.5

54 55.0 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: BF134529.D

Acq: 28 Jul 2023 22:55

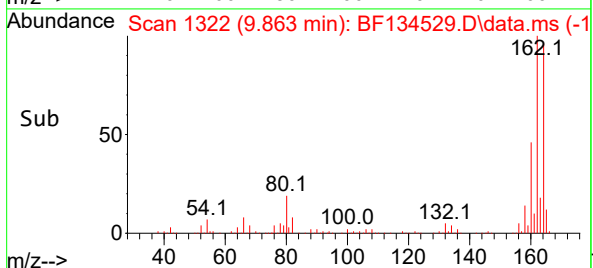
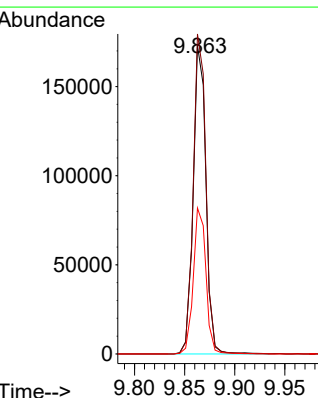
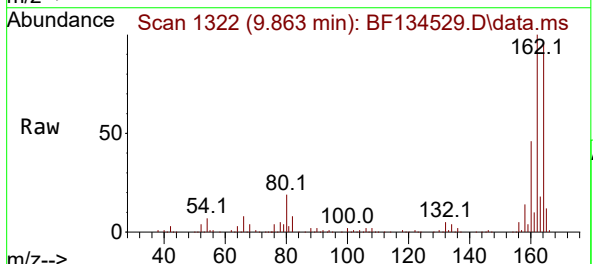
Tgt Ion:164 Resp: 152963

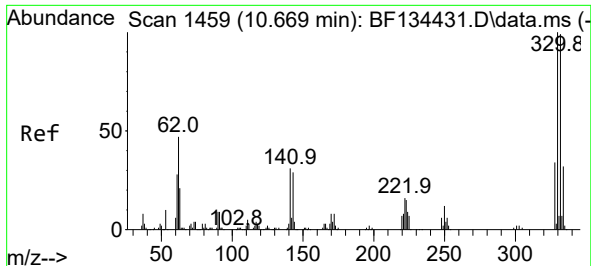
Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 47.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 88.139 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

DUP

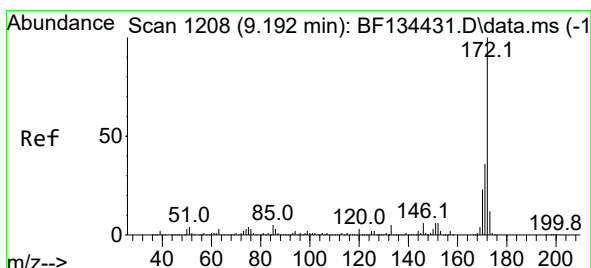
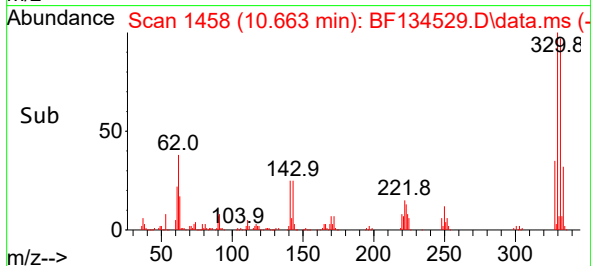
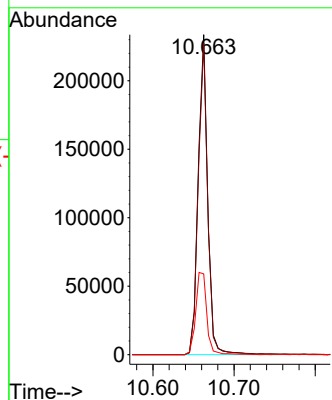
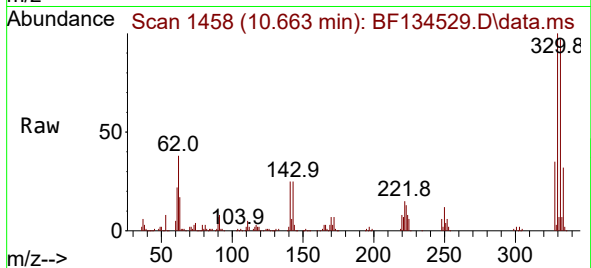
Tgt Ion:330 Resp: 191554

Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 29.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 76.230 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

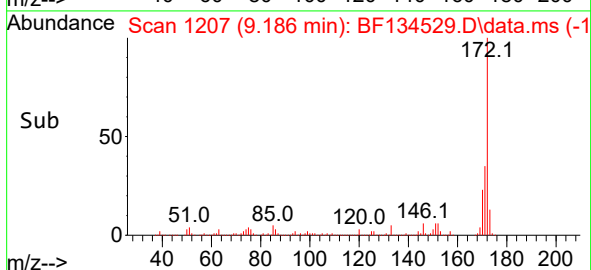
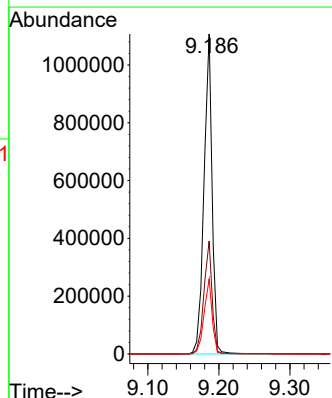
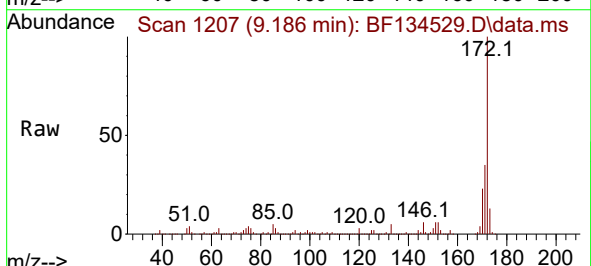
Tgt Ion:172 Resp: 888206

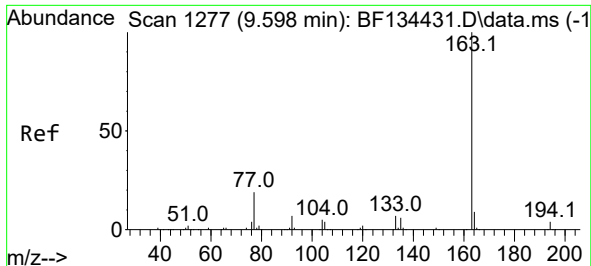
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 18.7 28.1

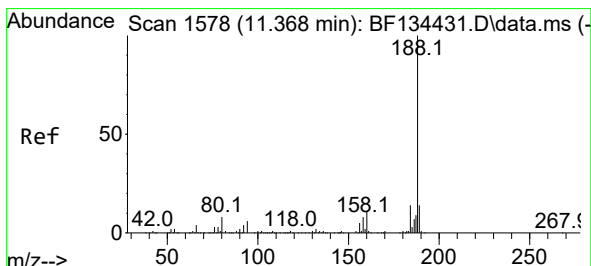
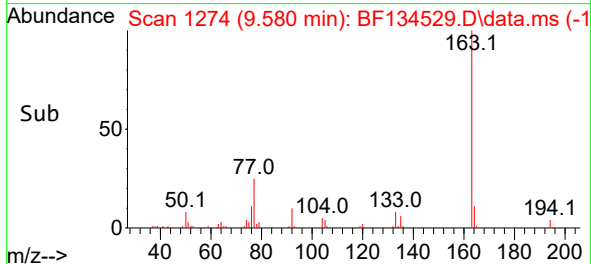
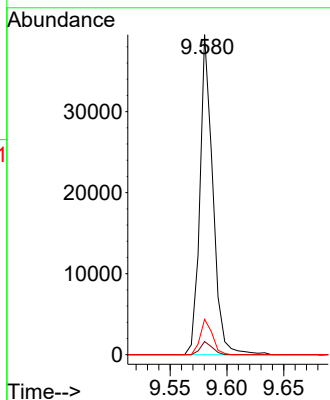
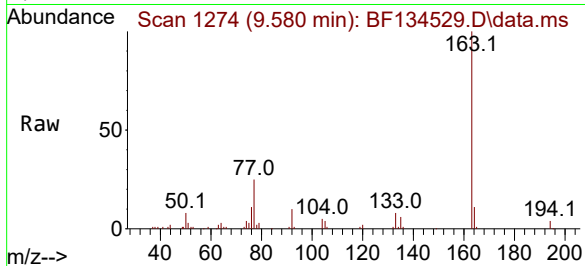




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

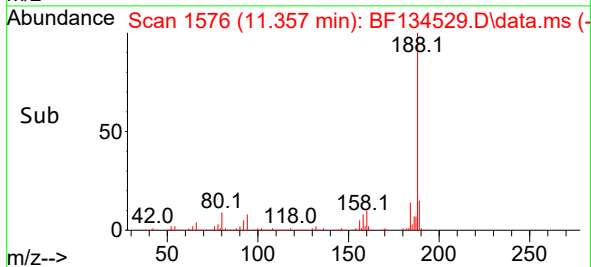
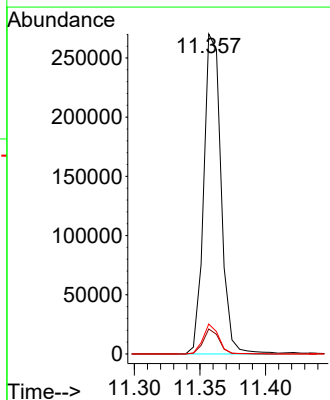
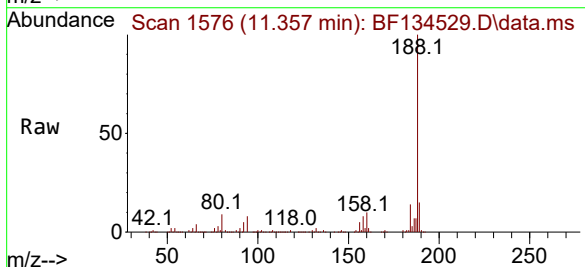
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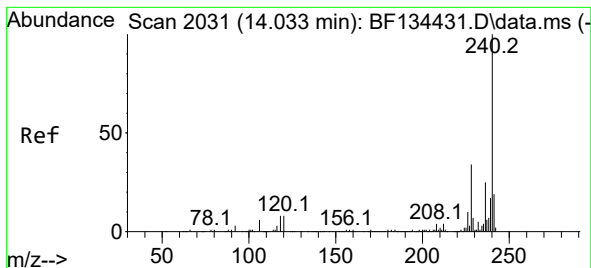
Tgt Ion:163 Resp: 31414
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.0 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:188 Resp: 249000
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 9.3 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

DUP

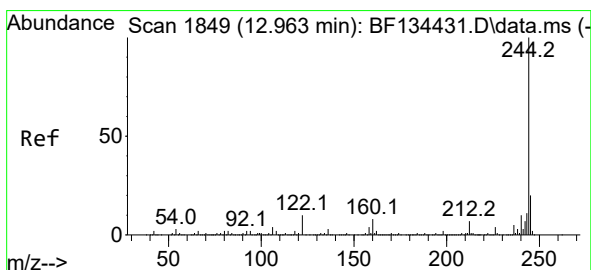
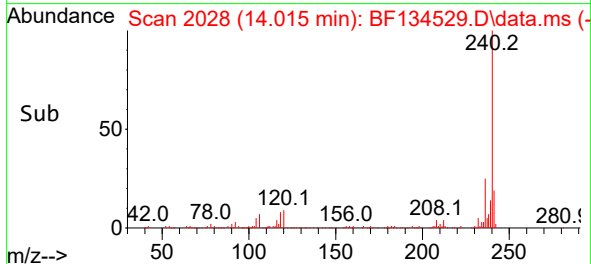
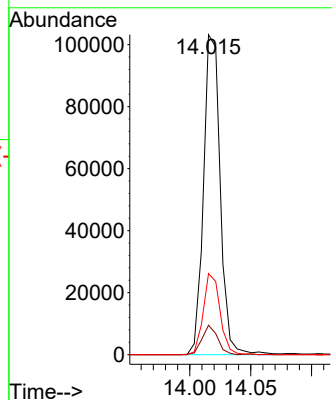
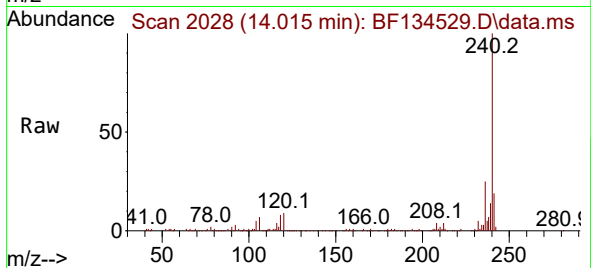
Tgt Ion:240 Resp: 98446

Ion Ratio Lower Upper

240 100

120 9.2 6.6 10.0

236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 83.218 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

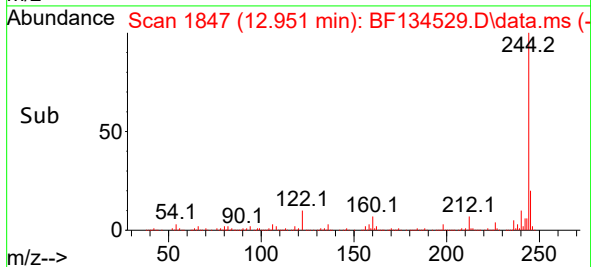
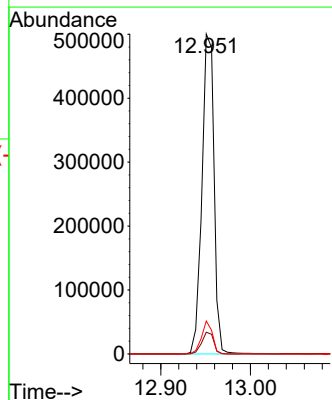
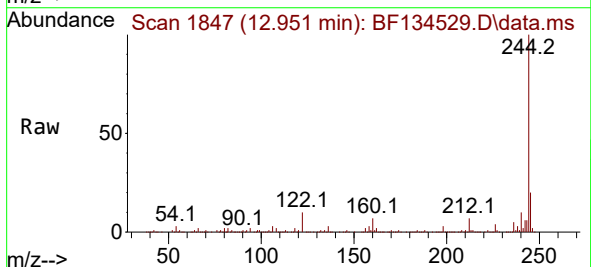
Tgt Ion:244 Resp: 469302

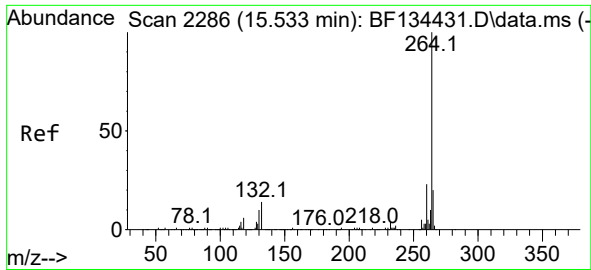
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134529.D

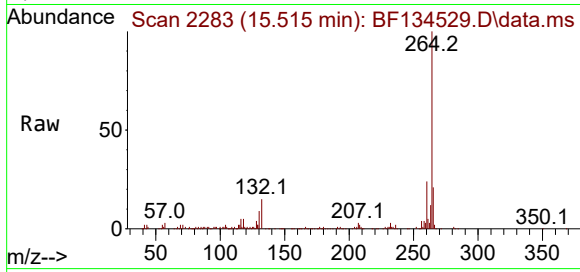
Acq: 28 Jul 2023 22:55

Instrument :

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ClientSampleId :

DUP



Tgt Ion:264 Resp: 83866

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 20.7 15.8 23.8

