

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134510.D
 Acq On : 27 Jul 2023 17:40
 Operator : CG\JU
 Sample : 03706-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P20B

Quant Time: Jul 27 18:46:39 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	46676	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	175817	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	78291	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	142948	20.000	ng	0.00
76) Chrysene-d12	14.015	240	97466	20.000	ng	0.00
86) Perylene-d12	15.515	264	76383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	293592	103.923	ng	0.00
7) Phenol-d6	6.469	99	346868	100.213	ng	0.00
23) Nitrobenzene-d5	7.387	82	226200	65.093	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	101151	90.933	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	439120	73.632	ng	0.00
79) Terphenyl-d14	12.951	244	464029	83.110	ng	0.00

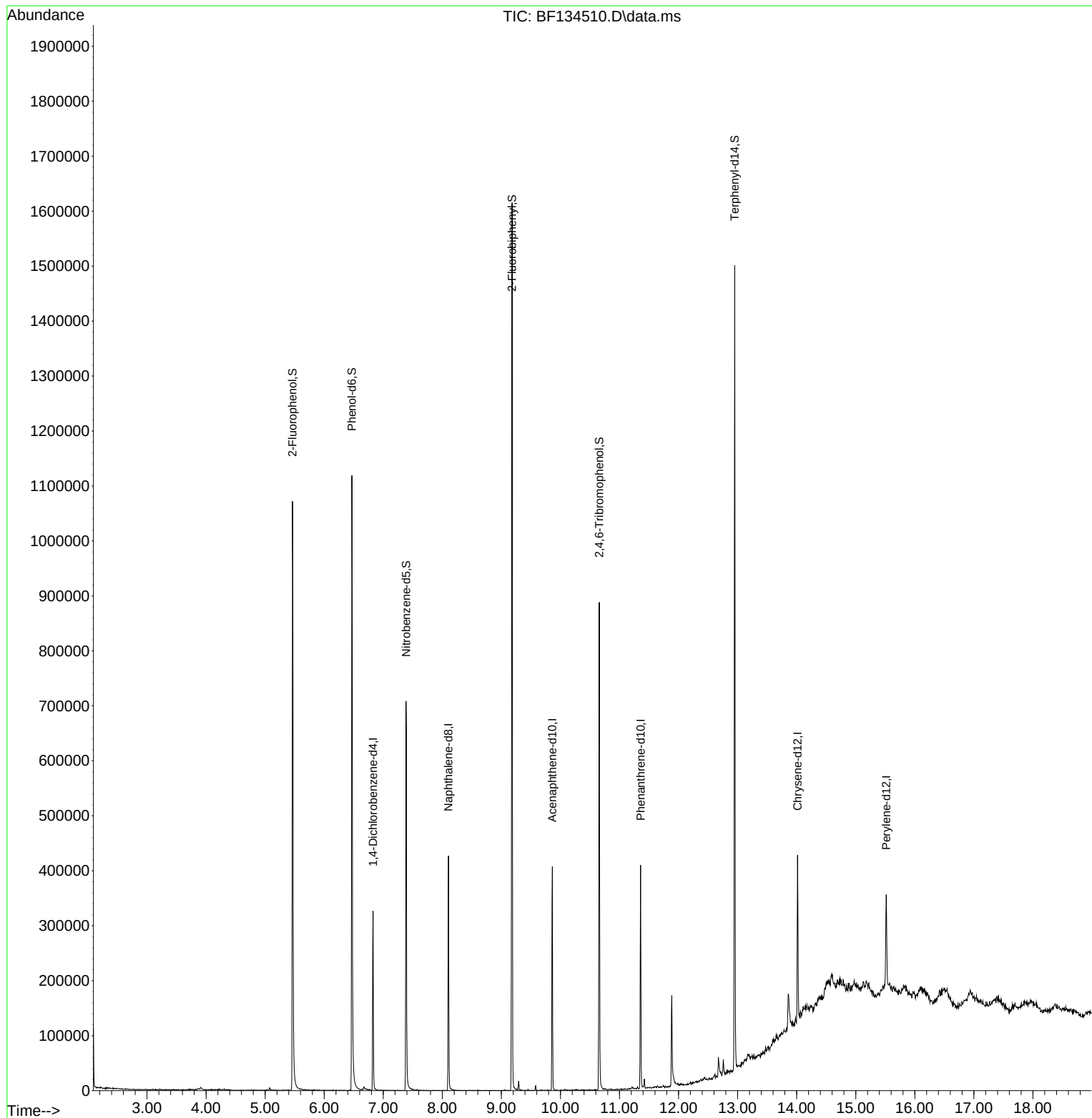
Target Compounds	Qvalue

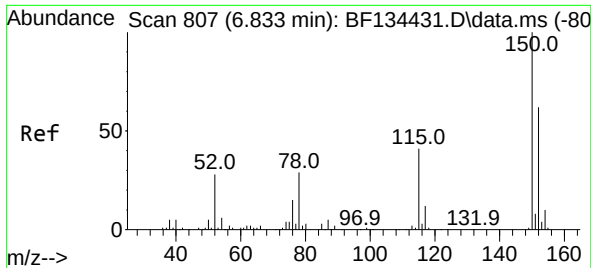
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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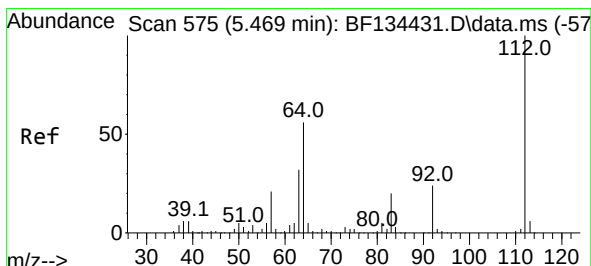
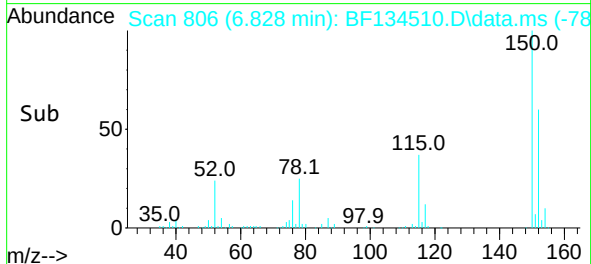
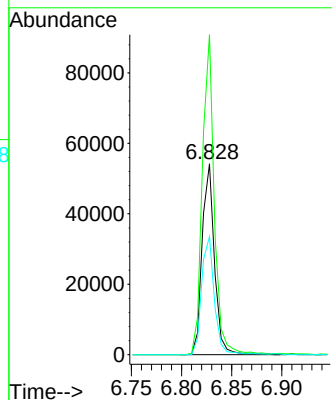
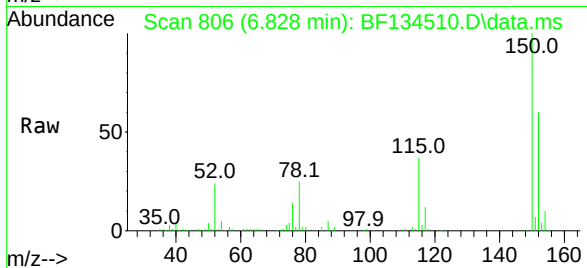




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134510.D
Acq: 27 Jul 2023 17:40

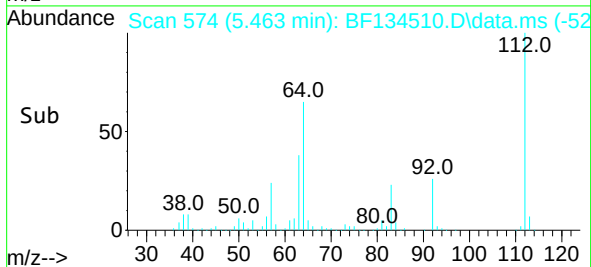
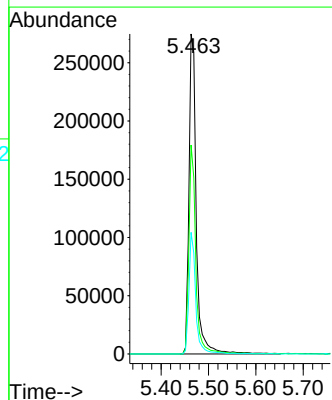
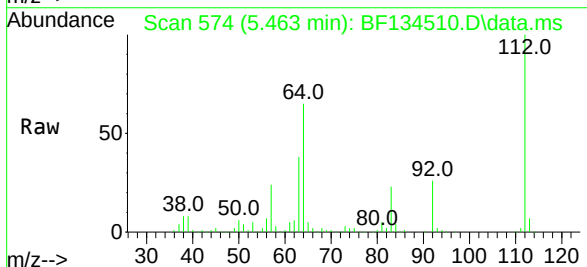
Instrument :
BNA_F
ClientSampleId :
B-P20B

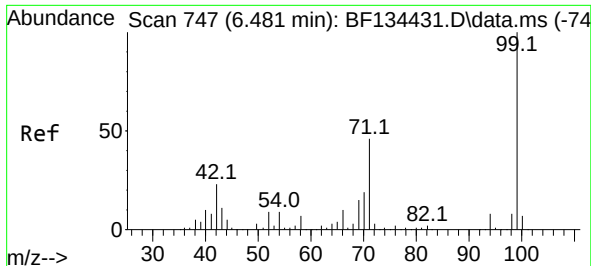
Tgt Ion:152 Resp: 46676
Ion Ratio Lower Upper
152 100
150 167.6 128.3 192.5
115 61.8 52.4 78.6



#5
2-Fluorophenol
Concen: 103.923 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134510.D
Acq: 27 Jul 2023 17:40

Tgt Ion:112 Resp: 293592
Ion Ratio Lower Upper
112 100
64 65.3 44.9 67.3
63 38.0 25.4 38.0

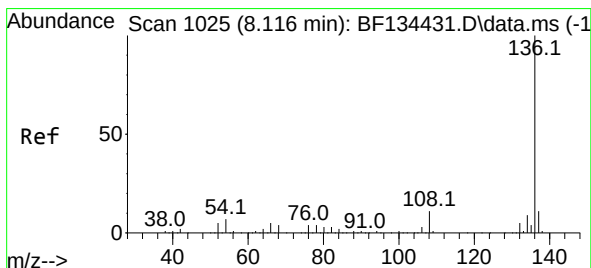
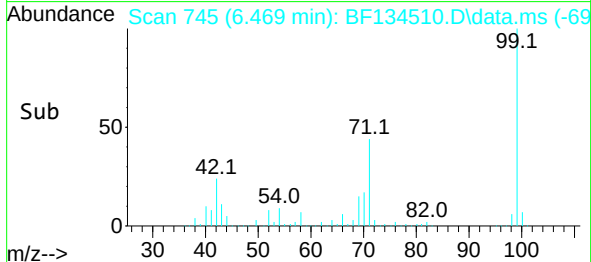
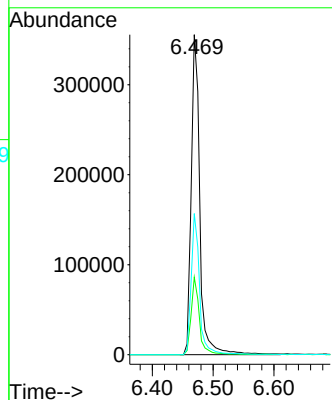
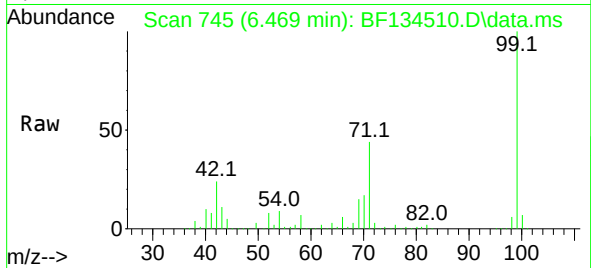




#7
Phenol-d6
Concen: 100.213 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134510.D
Acq: 27 Jul 2023 17:40

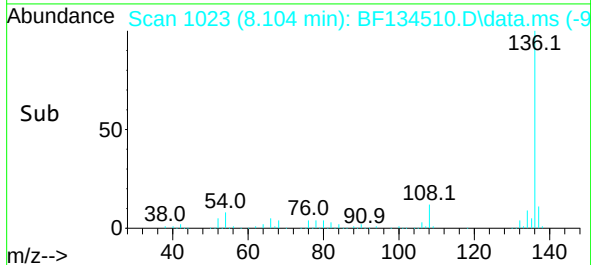
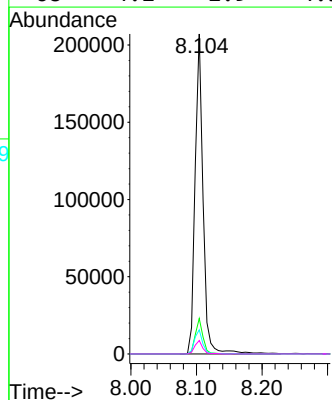
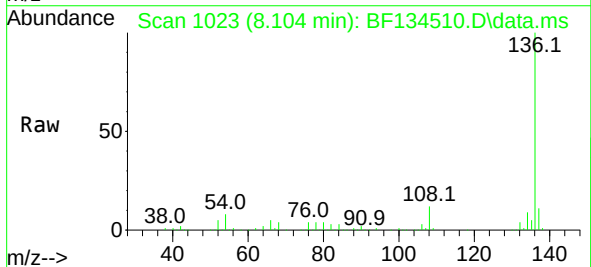
Instrument :
BNA_F
ClientSampleId :
B-P20B

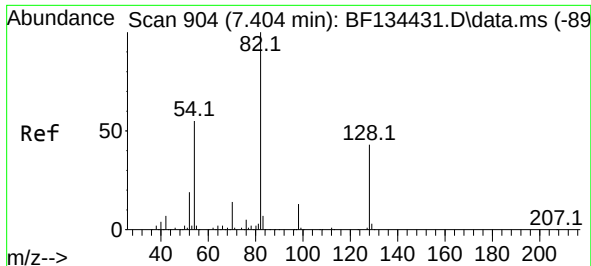
Tgt Ion: 99 Resp: 346868
Ion Ratio Lower Upper
99 100
42 24.2 18.7 28.1
71 44.1 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134510.D
Acq: 27 Jul 2023 17:40

Tgt Ion: 136 Resp: 175817
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 5.2 7.8
68 4.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 65.093 ng

RT: 7.387 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134510.D

Acq: 27 Jul 2023 17:40

Instrument :

BNA_F

ClientSampleId :

B-P20B

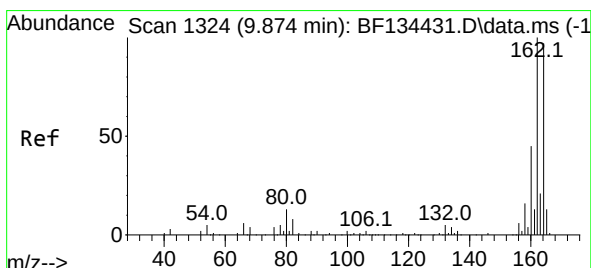
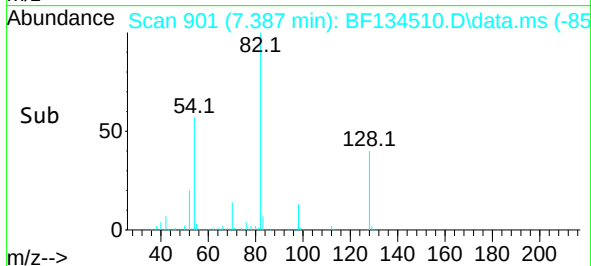
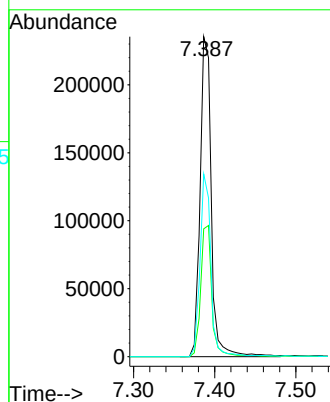
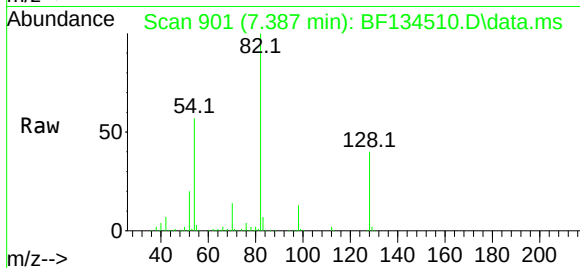
Tgt Ion: 82 Resp: 226200

Ion Ratio Lower Upper

82 100

128 40.0 34.3 51.5

54 57.1 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: BF134510.D

Acq: 27 Jul 2023 17:40

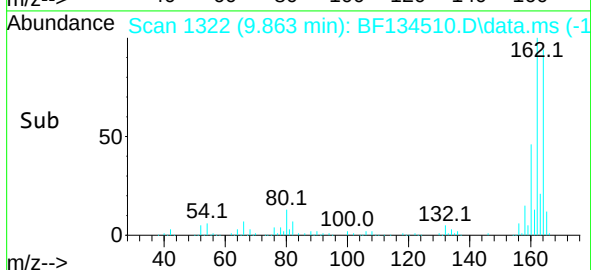
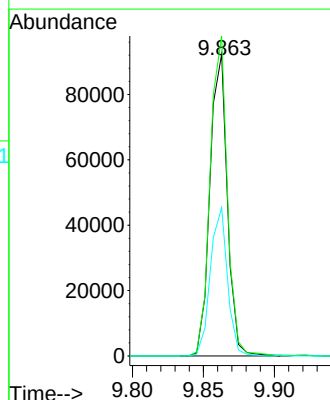
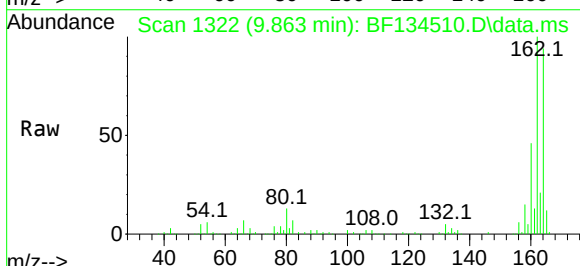
Tgt Ion: 164 Resp: 78291

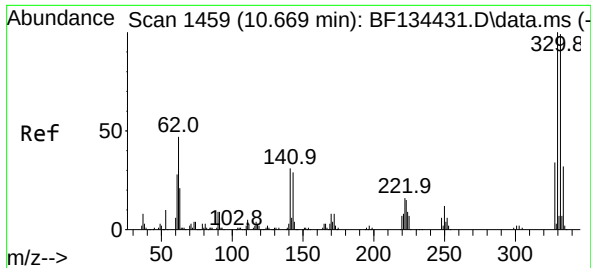
Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

160 49.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 90.933 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF134510.D

Acq: 27 Jul 2023 17:40

Instrument :

BNA_F

ClientSampleId :

B-P20B

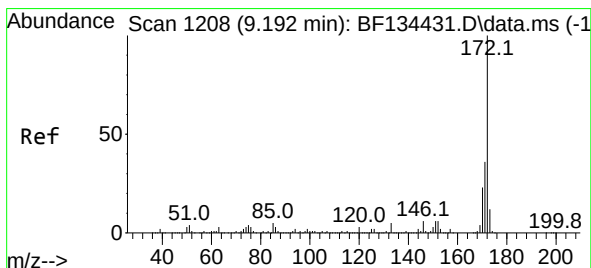
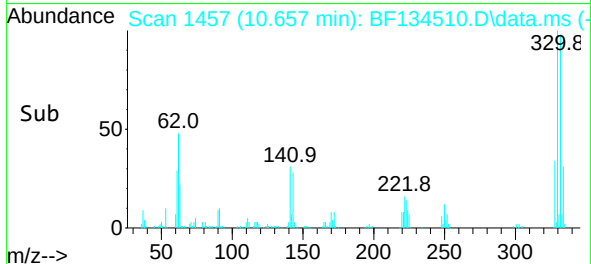
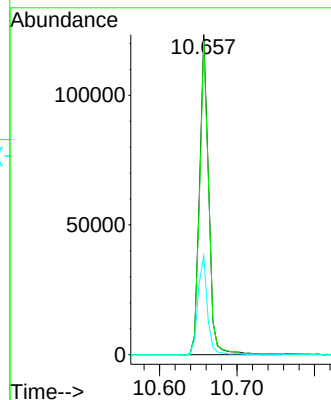
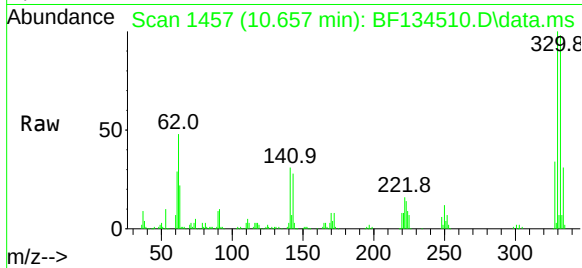
Tgt Ion:330 Resp: 101151

Ion Ratio Lower Upper

330 100

332 97.3 78.8 118.2

141 31.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 73.632 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF134510.D

Acq: 27 Jul 2023 17:40

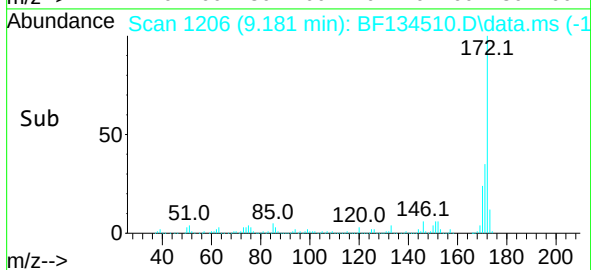
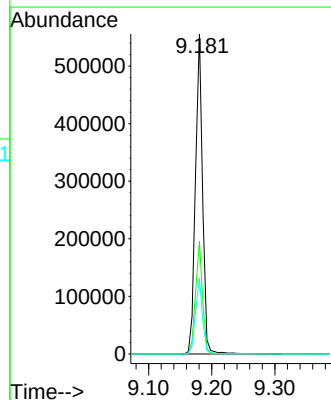
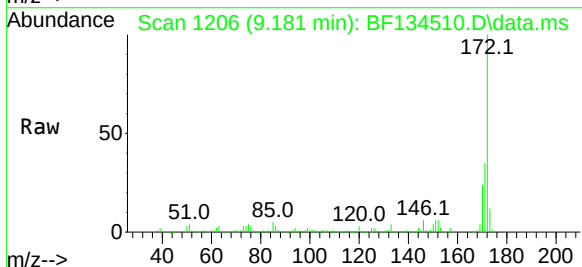
Tgt Ion:172 Resp: 439120

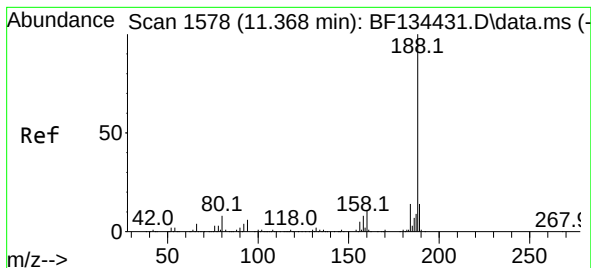
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134510.D

Acq: 27 Jul 2023 17:40

Instrument :

BNA_F

ClientSampleId :

B-P20B

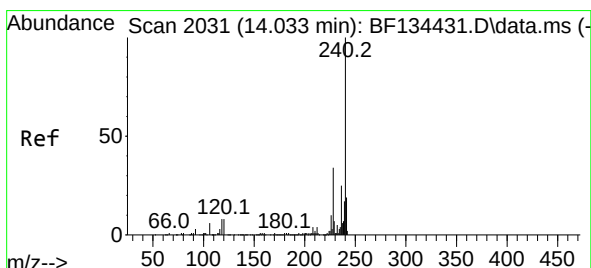
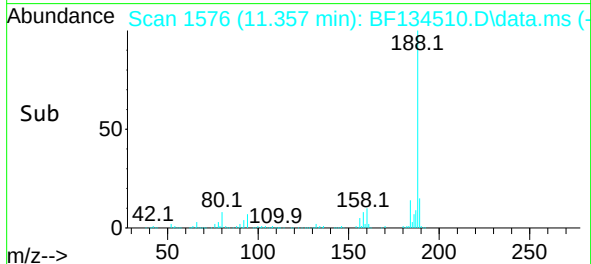
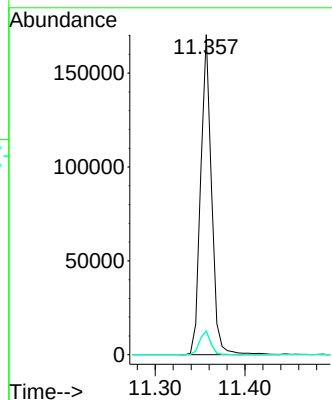
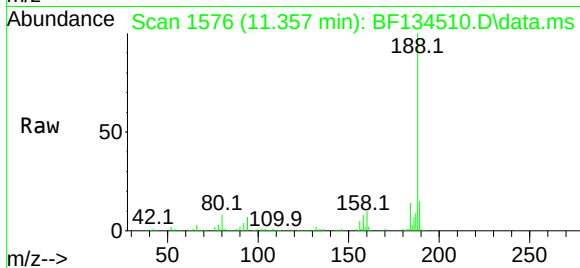
Tgt Ion:188 Resp: 142948

Ion Ratio Lower Upper

188 100

94 7.4 5.1 7.7

80 7.5 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: BF134510.D

Acq: 27 Jul 2023 17:40

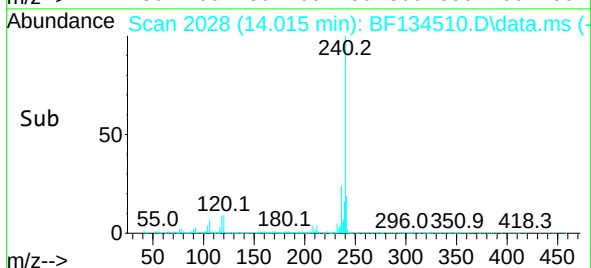
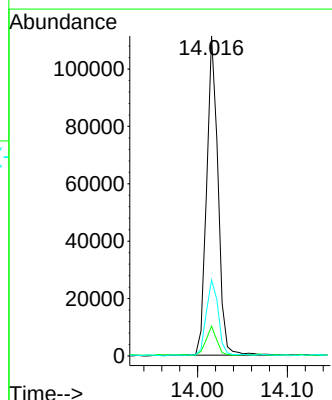
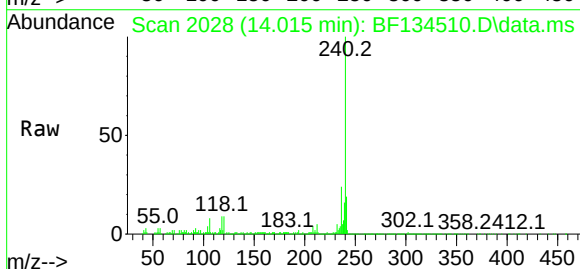
Tgt Ion:240 Resp: 97466

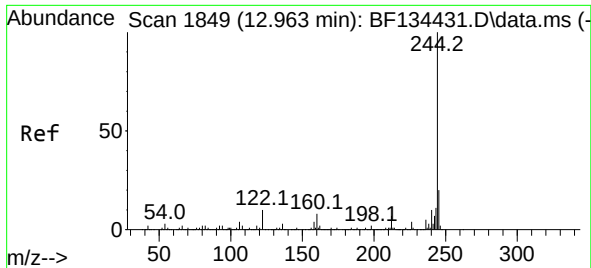
Ion Ratio Lower Upper

240 100

120 9.3 6.6 10.0

236 23.8 20.2 30.2

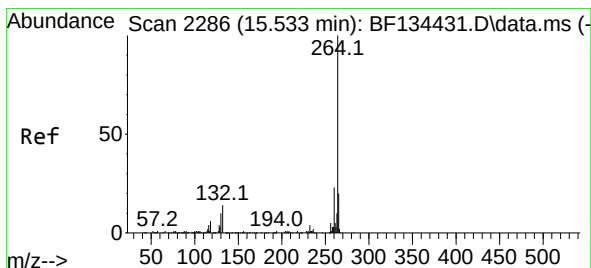
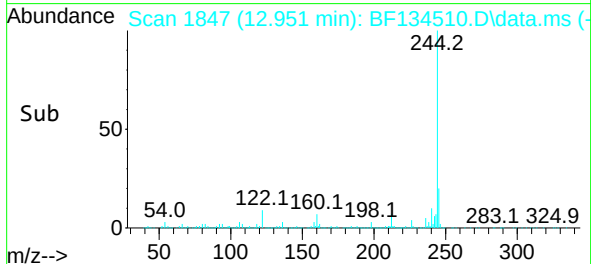
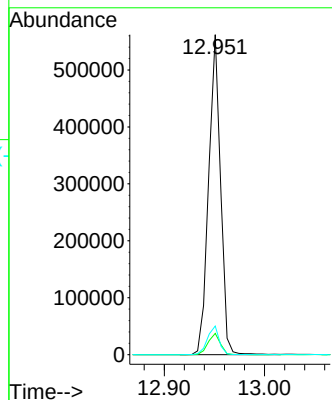
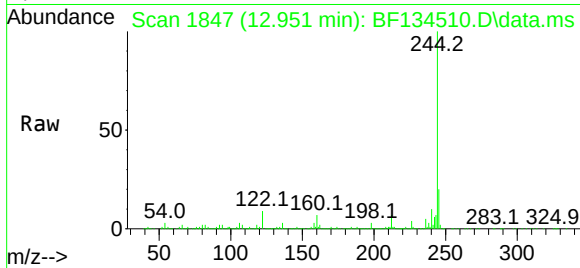




#79
 Terphenyl-d14
 Concen: 83.110 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134510.D
 Acq: 27 Jul 2023 17:40

Instrument :
 BNA_F
 ClientSampleId :
 B-P20B

Tgt Ion:244 Resp: 464029
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134510.D
 Acq: 27 Jul 2023 17:40

Tgt Ion:264 Resp: 76383
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.9 15.8 23.8

