

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134981.D
 Acq On : 29 Aug 2023 13:36
 Operator : CG\JU
 Sample : PB155132BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155132BL

Quant Time: Aug 29 22:24:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	121705	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	497305	20.000	ng	-0.01
39) Acenaphthene-d10	9.821	164	260233	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	490097	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	265728	20.000	ng	-0.01
86) Perylene-d12	15.439	264	263492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1026052	134.439	ng	0.00
7) Phenol-d6	6.428	99	1274426	130.679	ng	-0.01
23) Nitrobenzene-d5	7.351	82	820970	90.967	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	416258	135.815	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1486178	88.285	ng	-0.01
79) Terphenyl-d14	12.915	244	1755964	90.888	ng	0.00

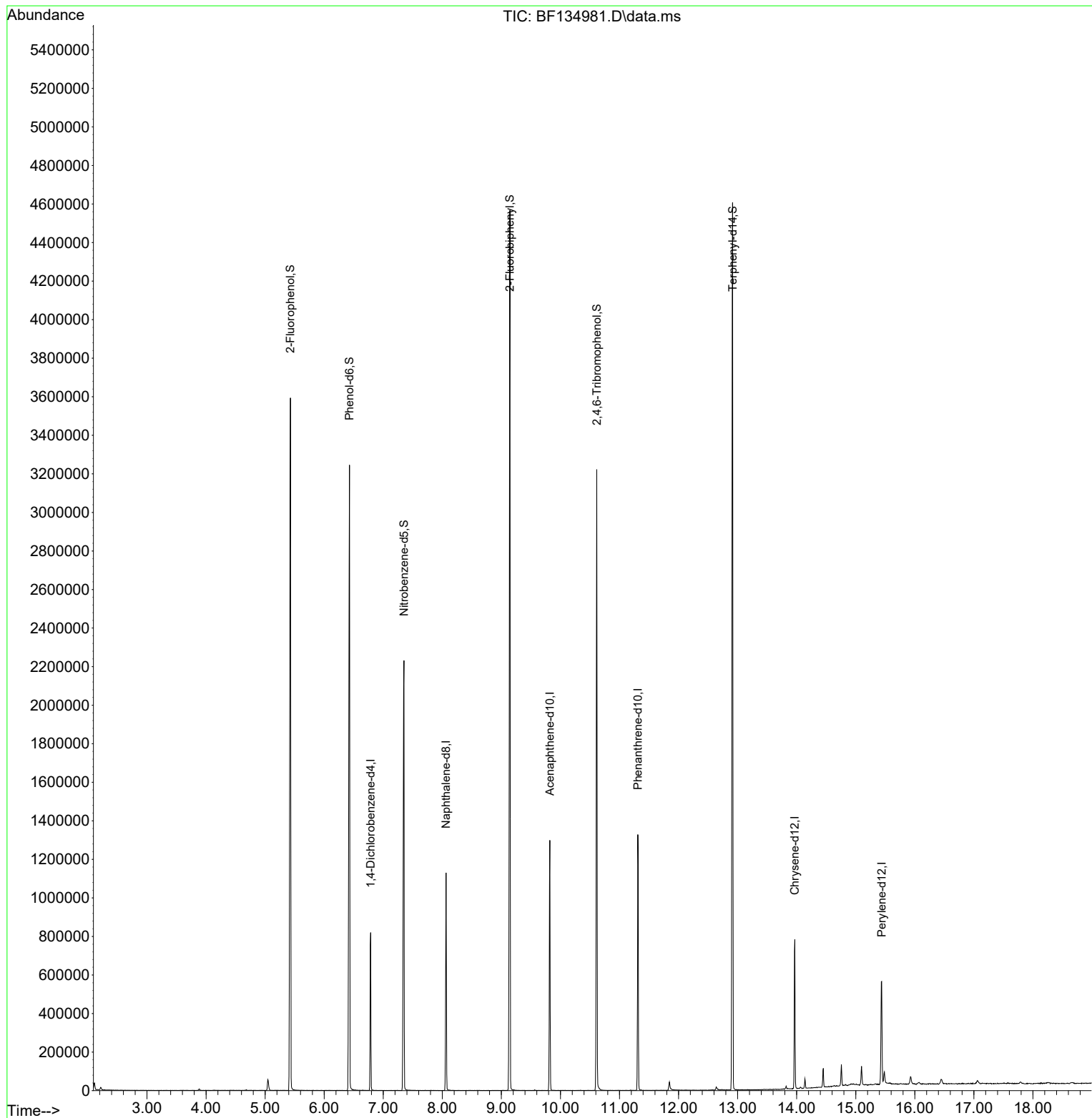
Target Compounds	Qvalue

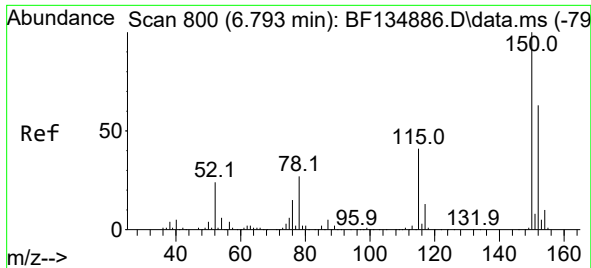
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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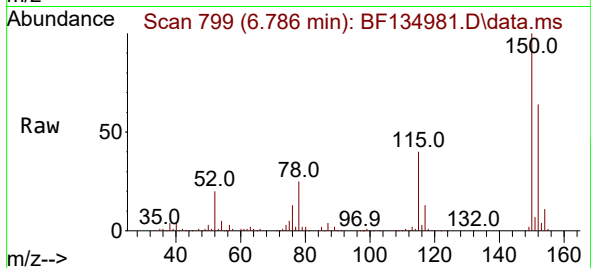
Quant Time: Aug 29 22:24:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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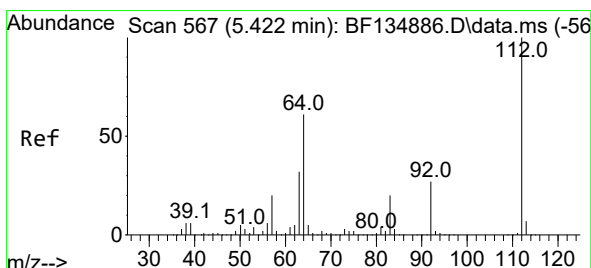
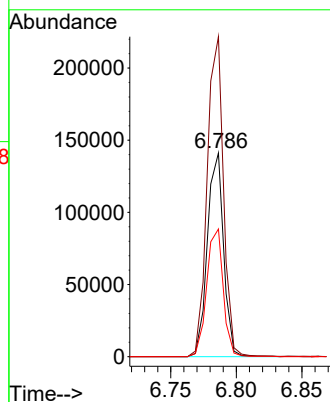
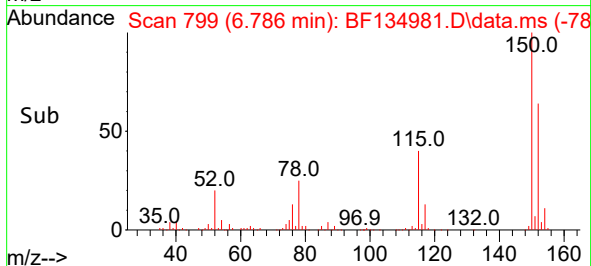


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

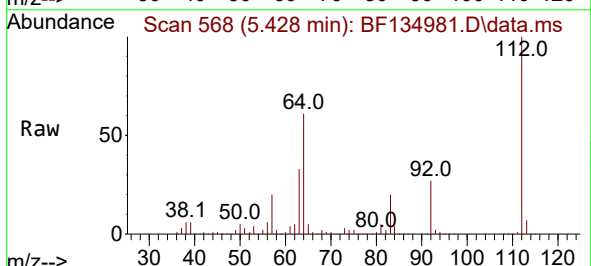
Instrument :
BNA_F
ClientSampleId :
PB155132BL



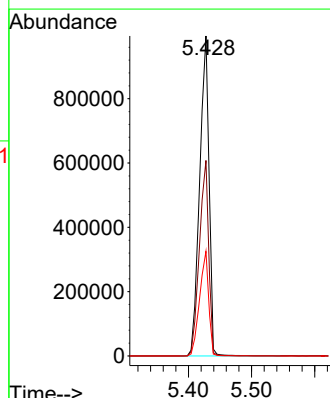
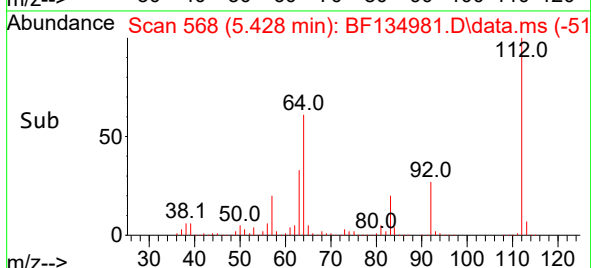
Tgt Ion:152 Resp: 121705
Ion Ratio Lower Upper
152 100
150 157.1 126.1 189.1
115 62.7 51.1 76.7

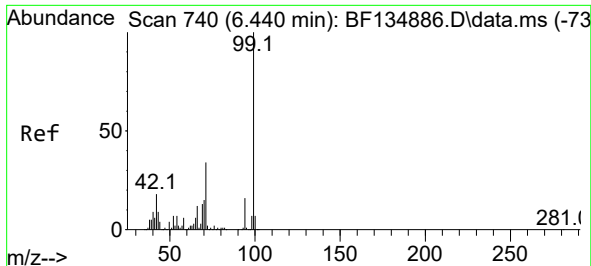


#5
2-Fluorophenol
Concen: 134.439 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36



Tgt Ion:112 Resp: 1026052
Ion Ratio Lower Upper
112 100
64 61.1 48.6 73.0
63 32.7 25.7 38.5

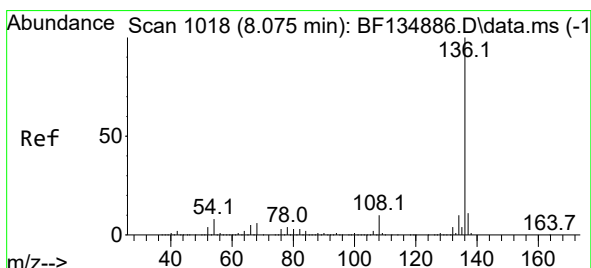
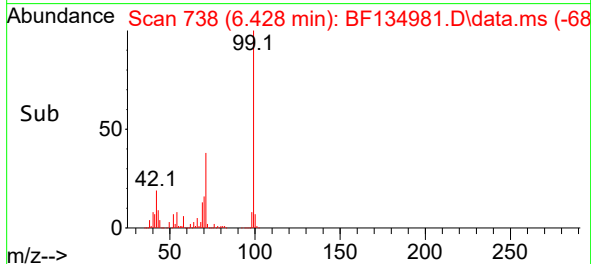
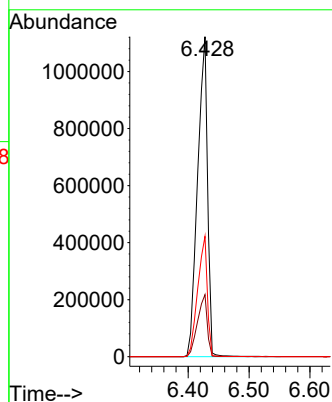
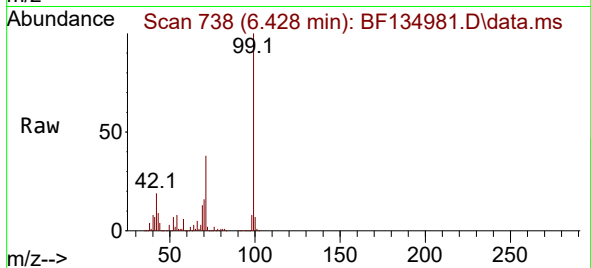




#7
Phenol-d6
Concen: 130.679 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

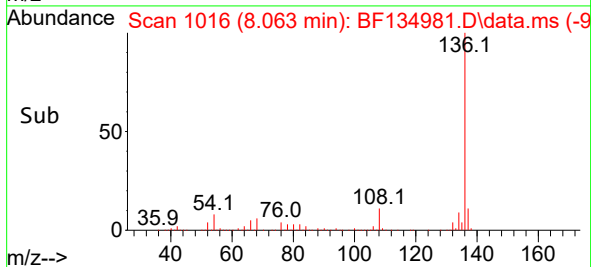
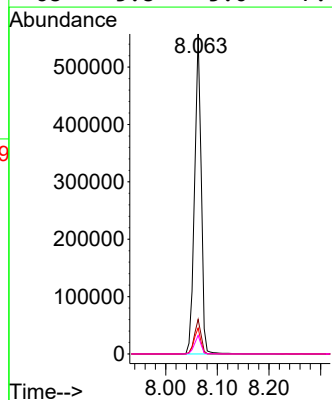
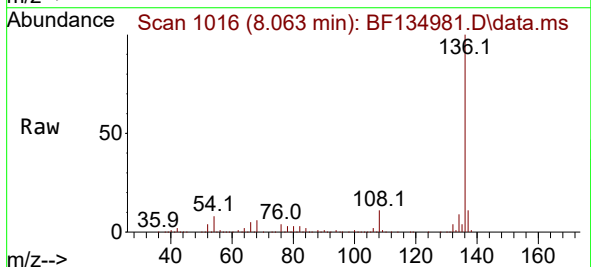
Instrument :
BNA_F
ClientSampleId :
PB155132BL

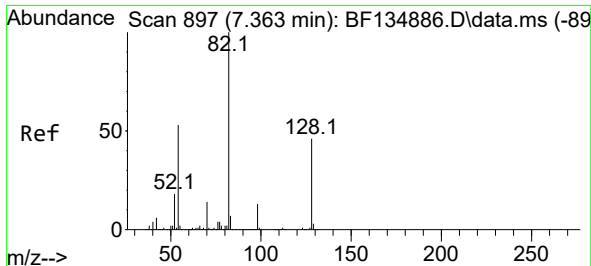
Tgt Ion: 99 Resp: 1274426
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 37.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion: 136 Resp: 497305
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.967 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB155132BL

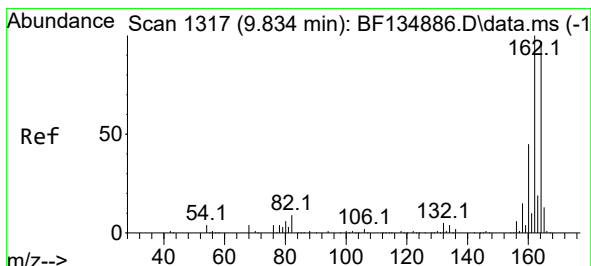
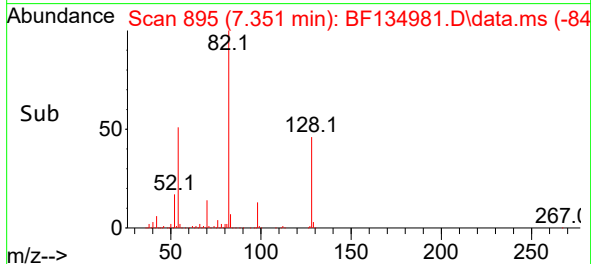
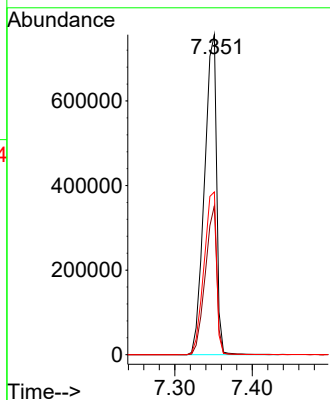
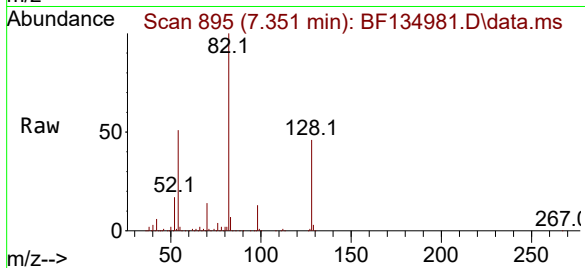
Tgt Ion: 82 Resp: 820970

Ion Ratio Lower Upper

82 100

128 46.5 36.6 54.8

54 50.8 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.821 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

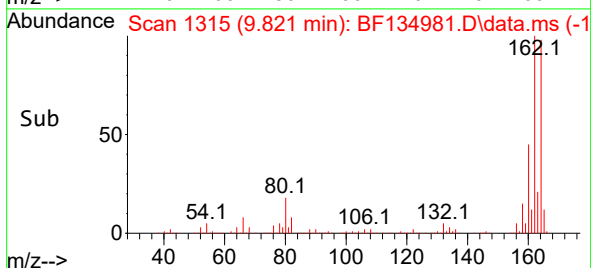
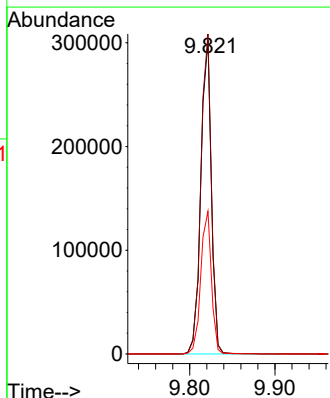
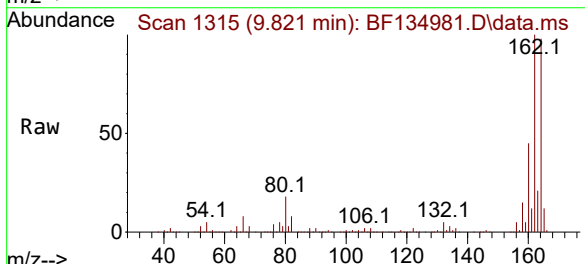
Tgt Ion:164 Resp: 260233

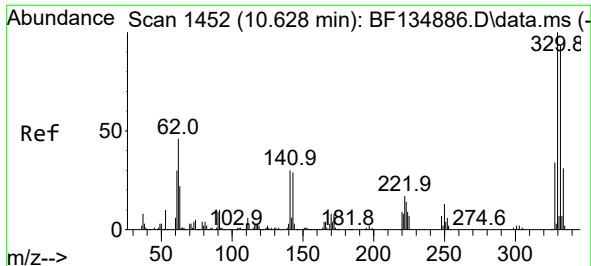
Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 45.5 37.0 55.4

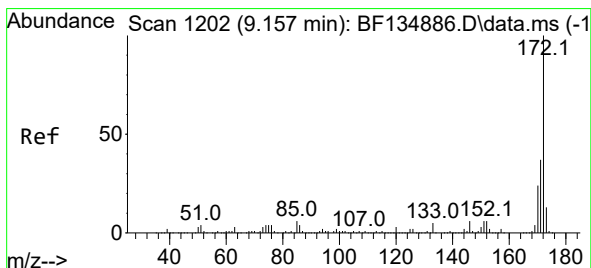
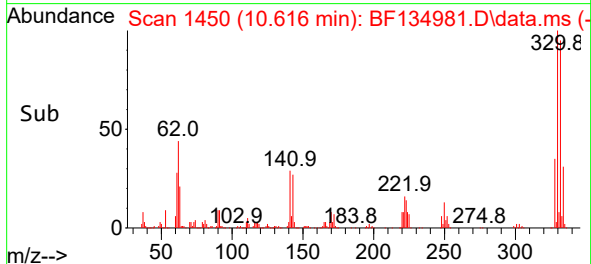
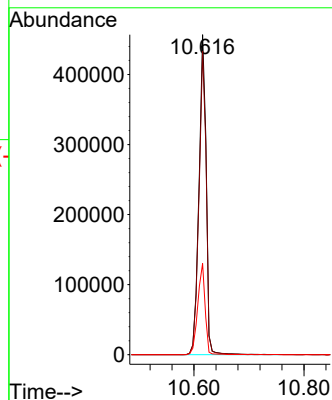
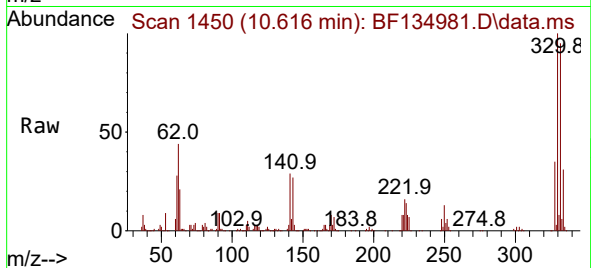




#42
2,4,6-Tribromophenol
Concen: 135.815 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

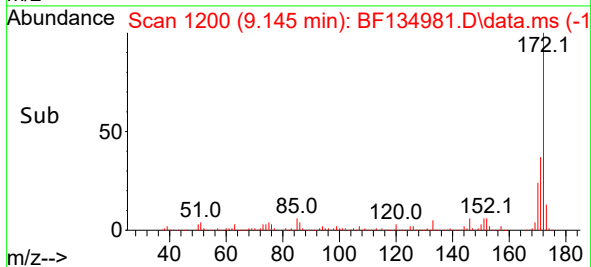
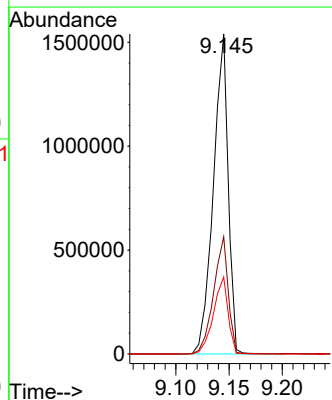
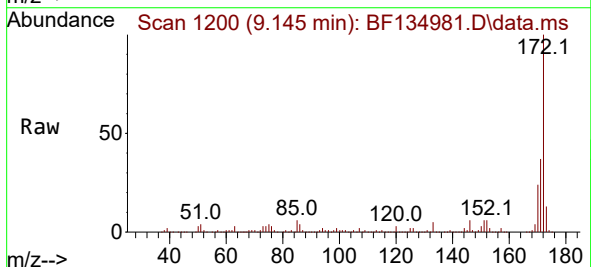
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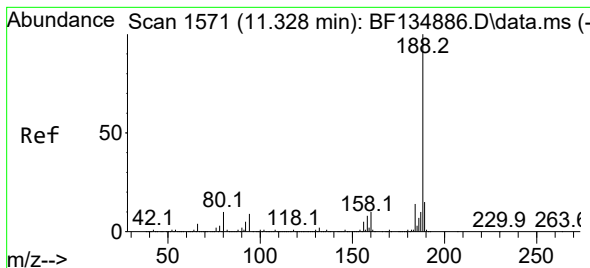
Tgt Ion:330 Resp: 416258
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 29.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 88.285 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:172 Resp: 1486178
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.0 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB155132BL

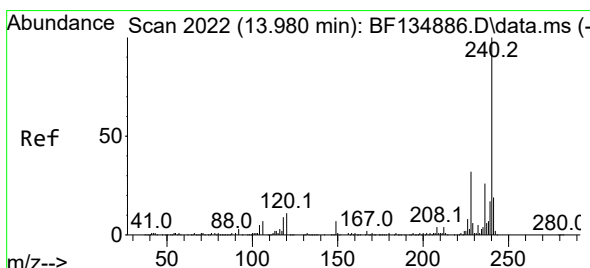
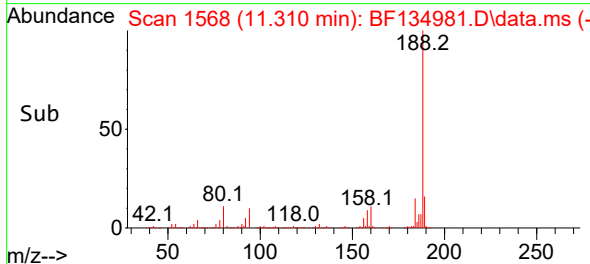
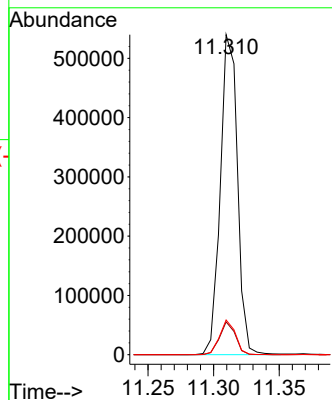
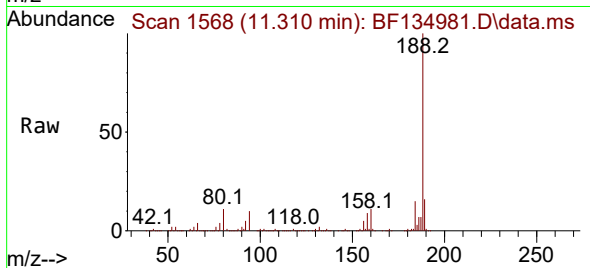
Tgt Ion:188 Resp: 490097

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

80 10.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

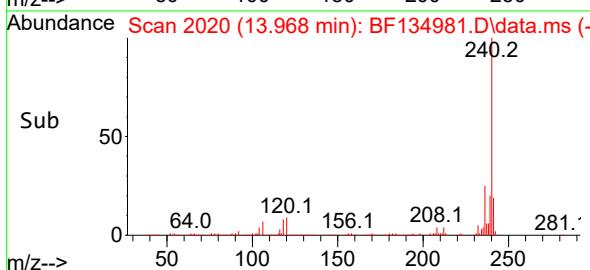
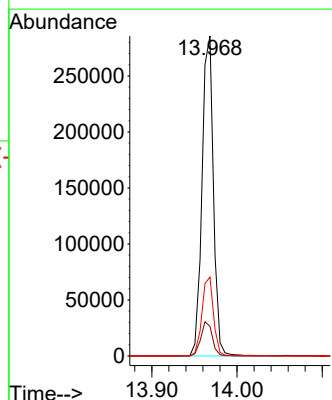
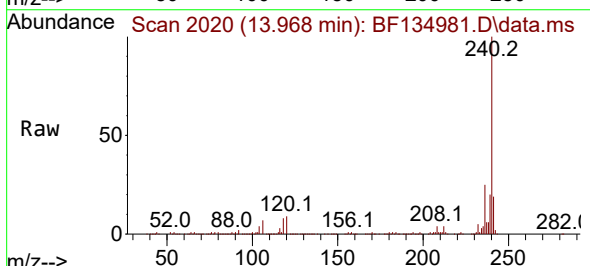
Tgt Ion:240 Resp: 265728

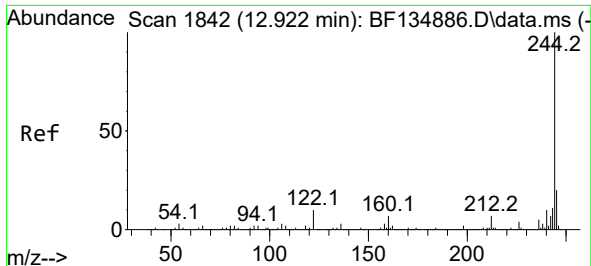
Ion Ratio Lower Upper

240 100

120 9.3 8.6 12.8

236 24.7 20.6 31.0

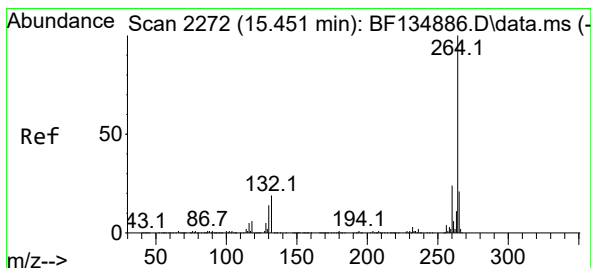
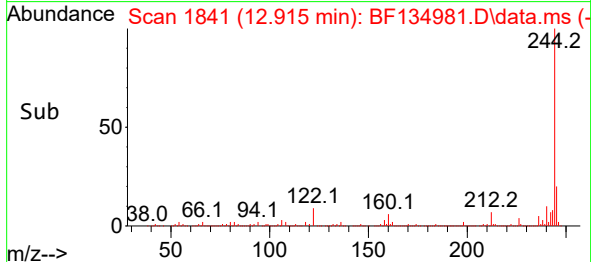
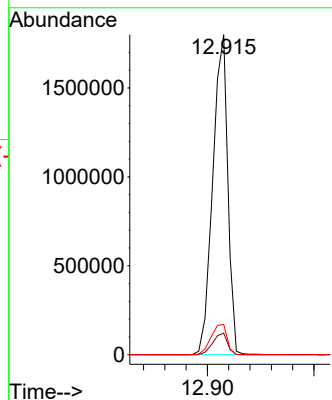
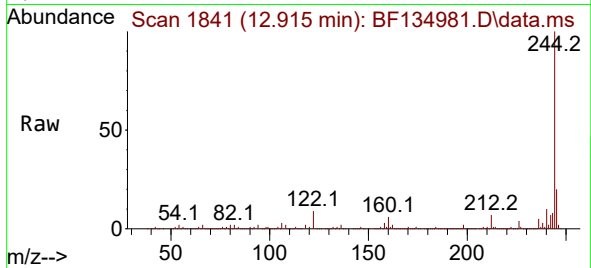




#79
 Terphenyl-d14
 Concen: 90.888 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.007 min
 Lab File: BF134981.D
 Acq: 29 Aug 2023 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB155132BL

Tgt Ion:244 Resp: 1755964
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF134981.D
 Acq: 29 Aug 2023 13:36

Tgt Ion:264 Resp: 263492
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.2 17.1 25.7

