

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134676.D
 Acq On : 08 Aug 2023 17:33
 Operator : CG\JU
 Sample : 03919-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: Aug 09 02:19:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193442	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	686983	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	290824	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	502863	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	373170	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	290620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1084844	85.249	ng	0.00
7) Phenol-d6	6.439	99	1310902	80.585	ng	0.00
23) Nitrobenzene-d5	7.363	82	751875	68.396	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	268176	90.457	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1267789	72.482	ng	0.00
79) Terphenyl-d14	12.921	244	1382986	65.333	ng	0.00

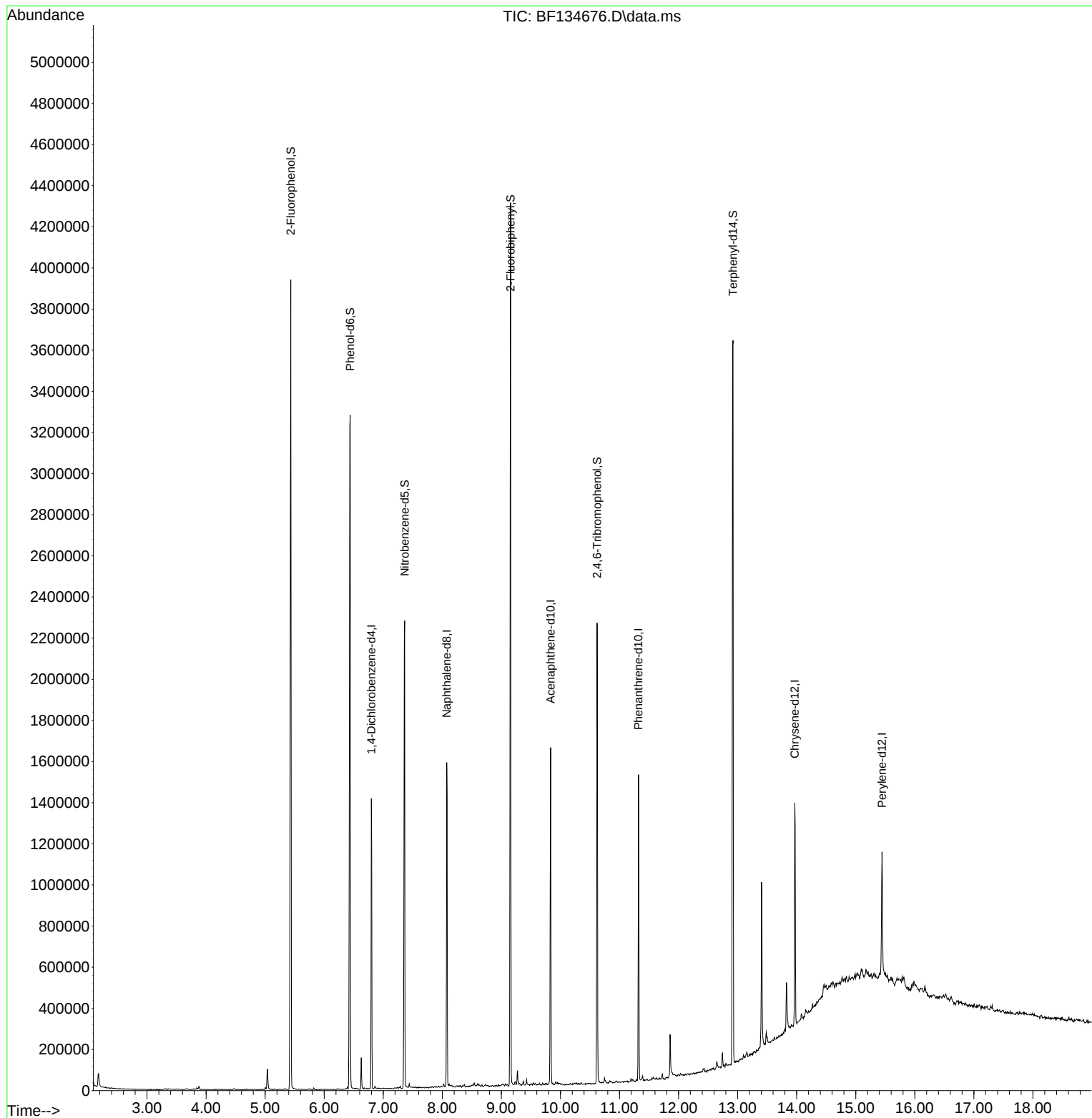
Target Compounds	Qvalue

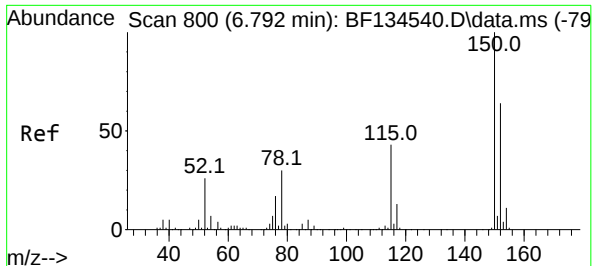
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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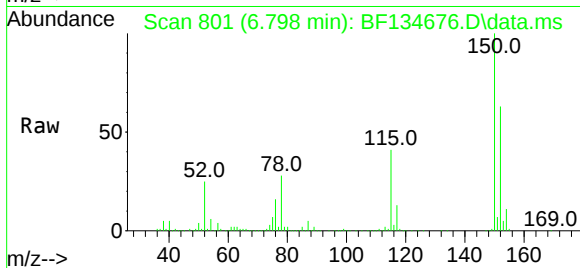
Quant Time: Aug 09 02:19:16 2023
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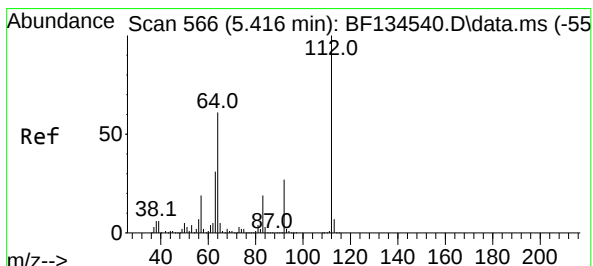
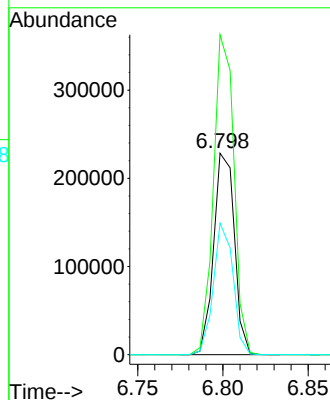
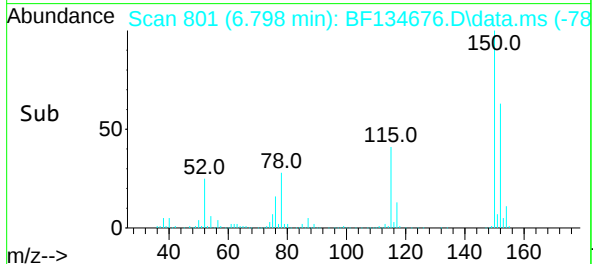


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

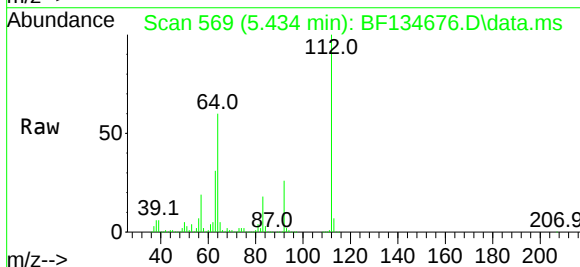
Instrument :
BNA_F
ClientSampleId :
TP-38



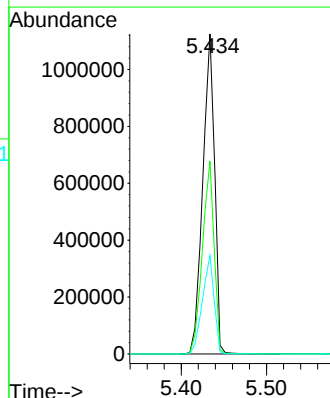
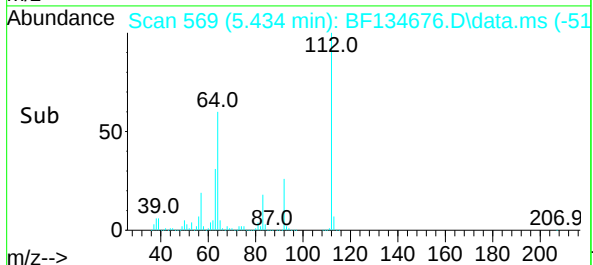
Tgt Ion:152 Resp: 193442
Ion Ratio Lower Upper
152 100
150 158.9 128.3 192.5
115 65.3 52.4 78.6

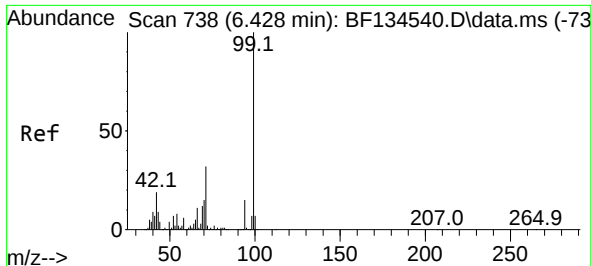


#5
2-Fluorophenol
Concen: 85.249 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33



Tgt Ion:112 Resp: 1084844
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.7 25.4 38.0





#7

Phenol-d6

Concen: 80.585 ng

RT: 6.439 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

Instrument :

BNA_F

ClientSampleId :

TP-38

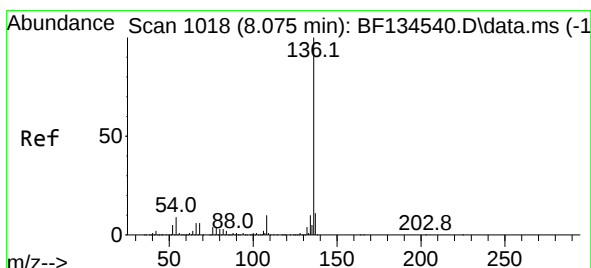
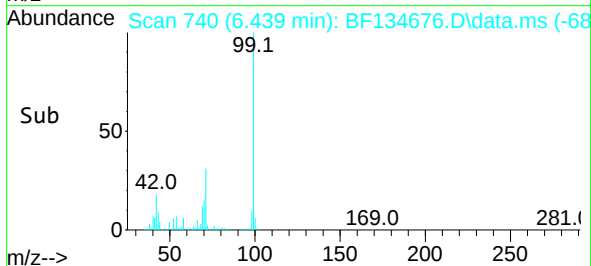
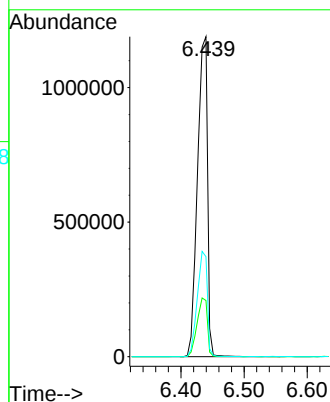
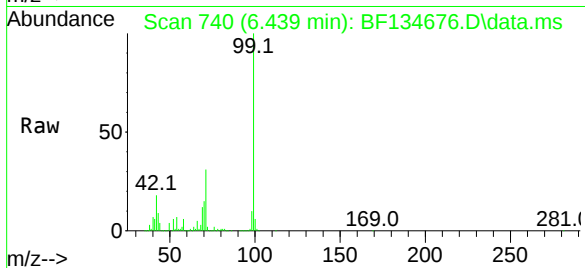
Tgt Ion: 99 Resp: 1310902

Ion Ratio Lower Upper

99 100

42 17.6 18.7 28.1#

71 31.3 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

Tgt Ion: 136 Resp: 686983

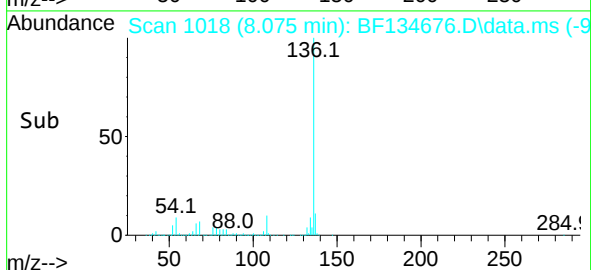
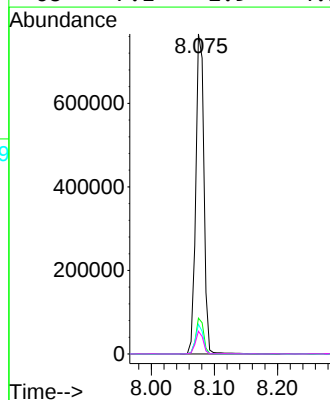
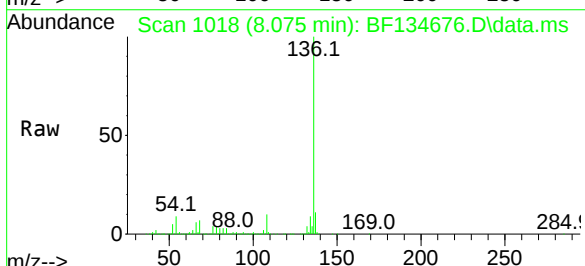
Ion Ratio Lower Upper

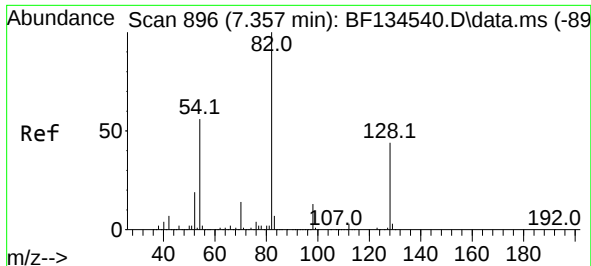
136 100

137 11.2 8.4 12.6

54 9.2 5.2 7.8#

68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 68.396 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

Instrument :

BNA_F

ClientSampleId :

TP-38

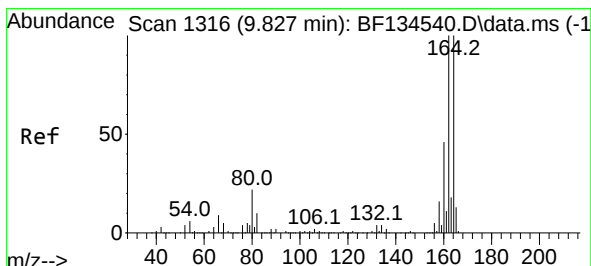
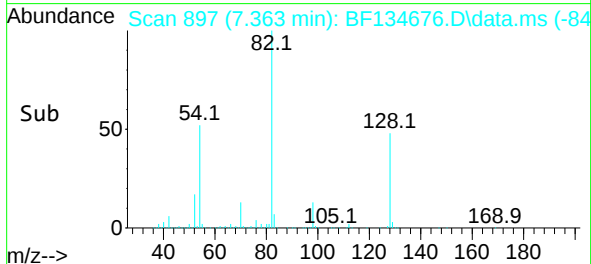
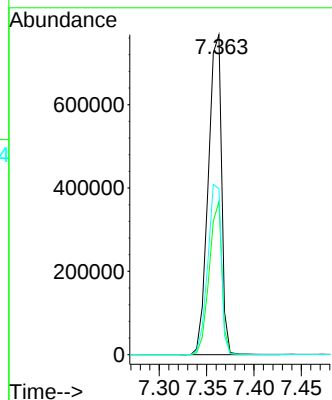
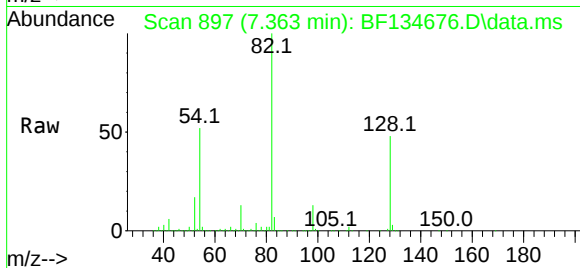
Tgt Ion: 82 Resp: 751875

Ion Ratio Lower Upper

82 100

128 47.8 34.3 51.5

54 51.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

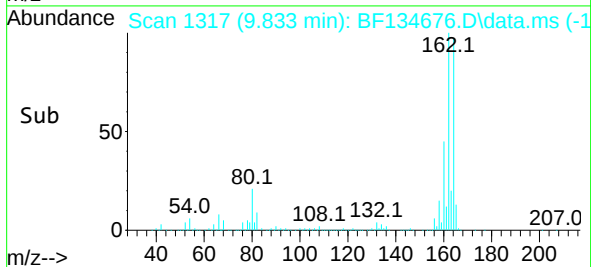
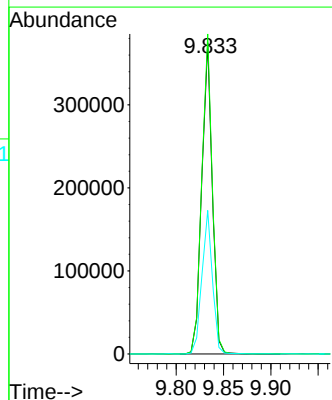
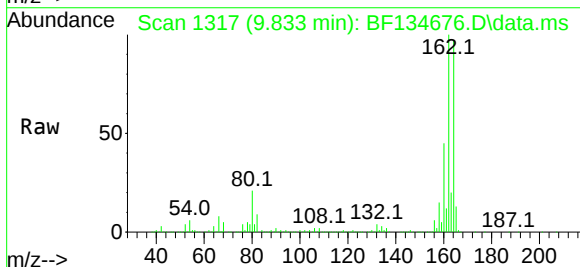
Tgt Ion:164 Resp: 290824

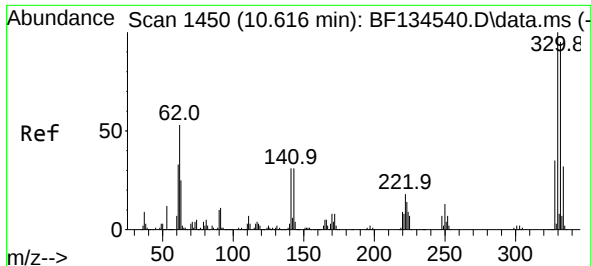
Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

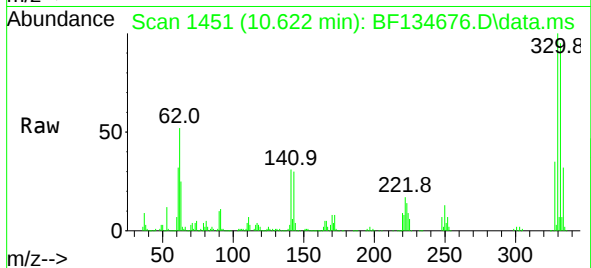
160 46.1 37.2 55.8



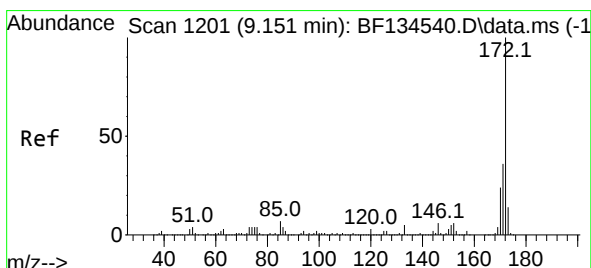
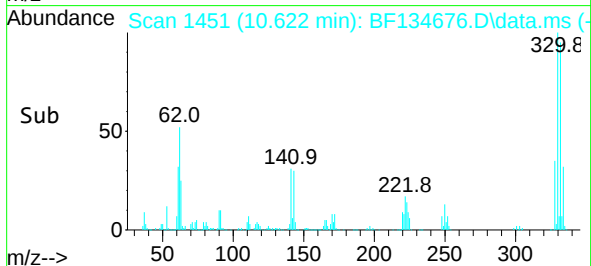
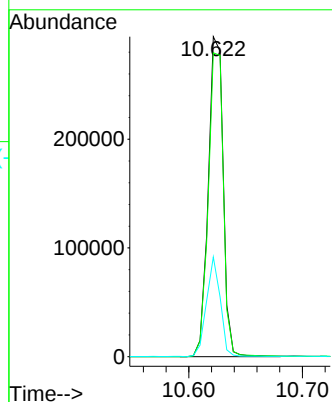


#42
2,4,6-Tribromophenol
Concen: 90.457 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Instrument :
BNA_F
ClientSampleId :
TP-38

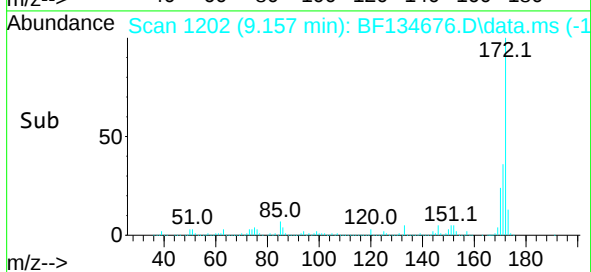
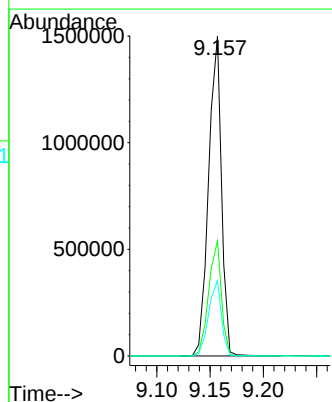
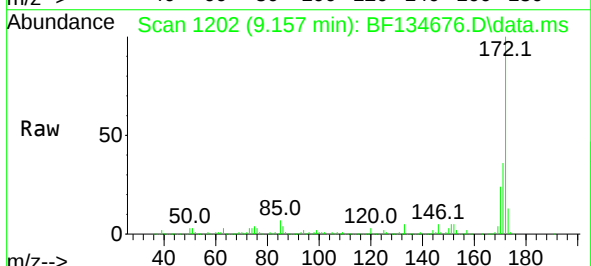


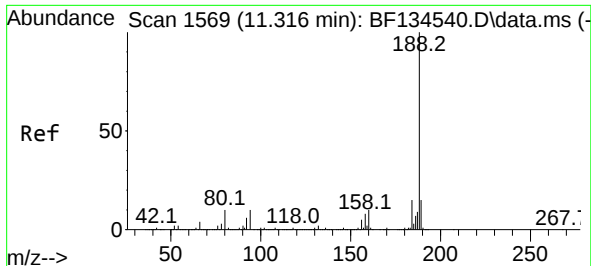
Tgt Ion:330 Resp: 268176
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 28.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 72.482 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:172 Resp: 1267789
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 18.7 28.1

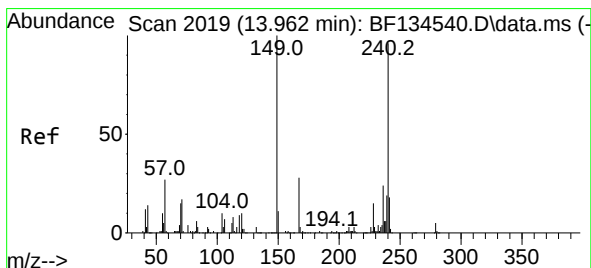
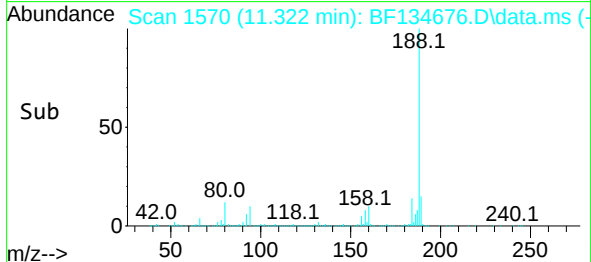
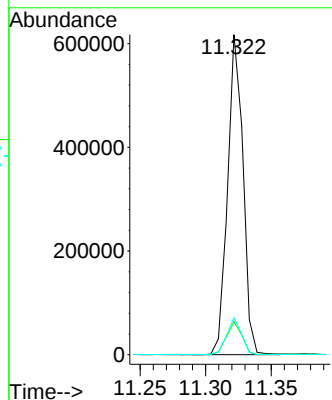
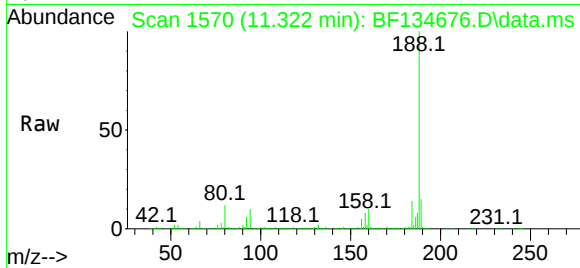




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

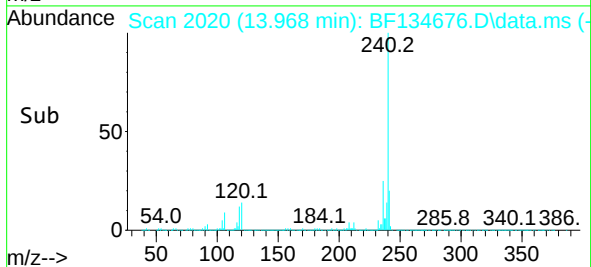
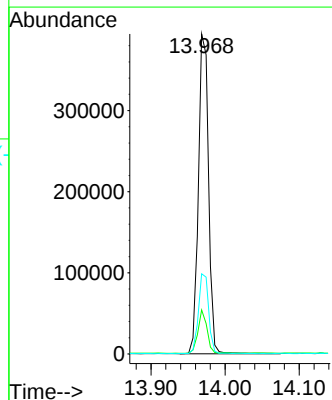
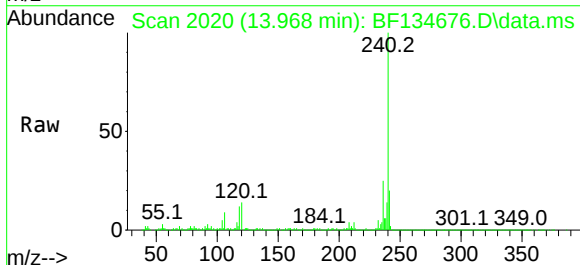
Instrument :
BNA_F
ClientSampleId :
TP-38

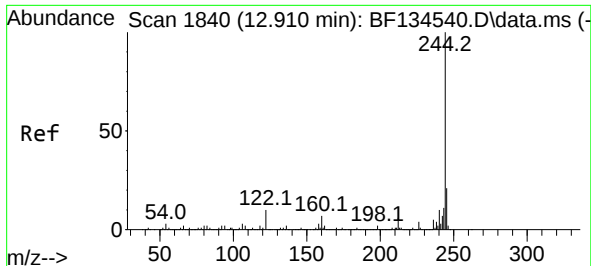
Tgt Ion:188 Resp: 502863
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 11.6 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:240 Resp: 373170
Ion Ratio Lower Upper
240 100
120 13.7 6.6 10.0#
236 25.1 20.2 30.2

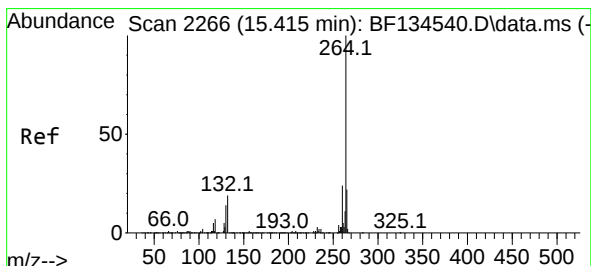
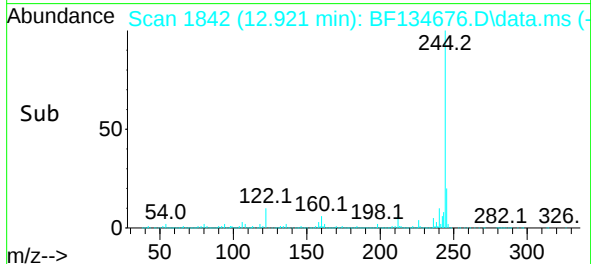
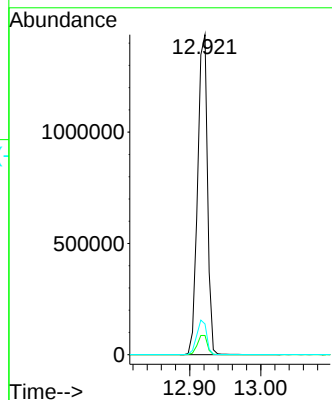
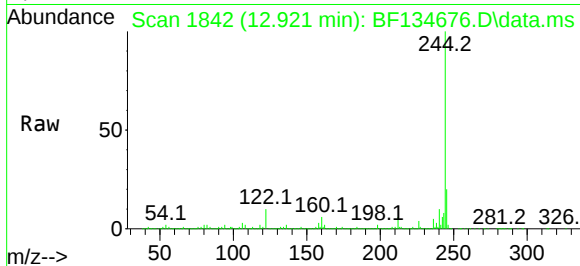




#79
 Terphenyl-d14
 Concen: 65.333 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134676.D
 Acq: 08 Aug 2023 17:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 1382986
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134676.D
 Acq: 08 Aug 2023 17:33

Tgt Ion:264 Resp: 290620
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 20.4 15.8 23.8

