

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134763.D
 Acq On : 14 Aug 2023 17:08
 Operator : CG\JU
 Sample : 03989-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP26

Quant Time: Aug 15 00:32:33 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	160084	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	612657	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	285489	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	486305	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	323157	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	302648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	805016	76.441	ng	0.00
7) Phenol-d6	6.434	99	973525	72.316	ng	0.00
23) Nitrobenzene-d5	7.357	82	587494	59.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	236419	81.236	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1047536	61.009	ng	-0.01
79) Terphenyl-d14	12.915	244	1043667	56.933	ng	0.00

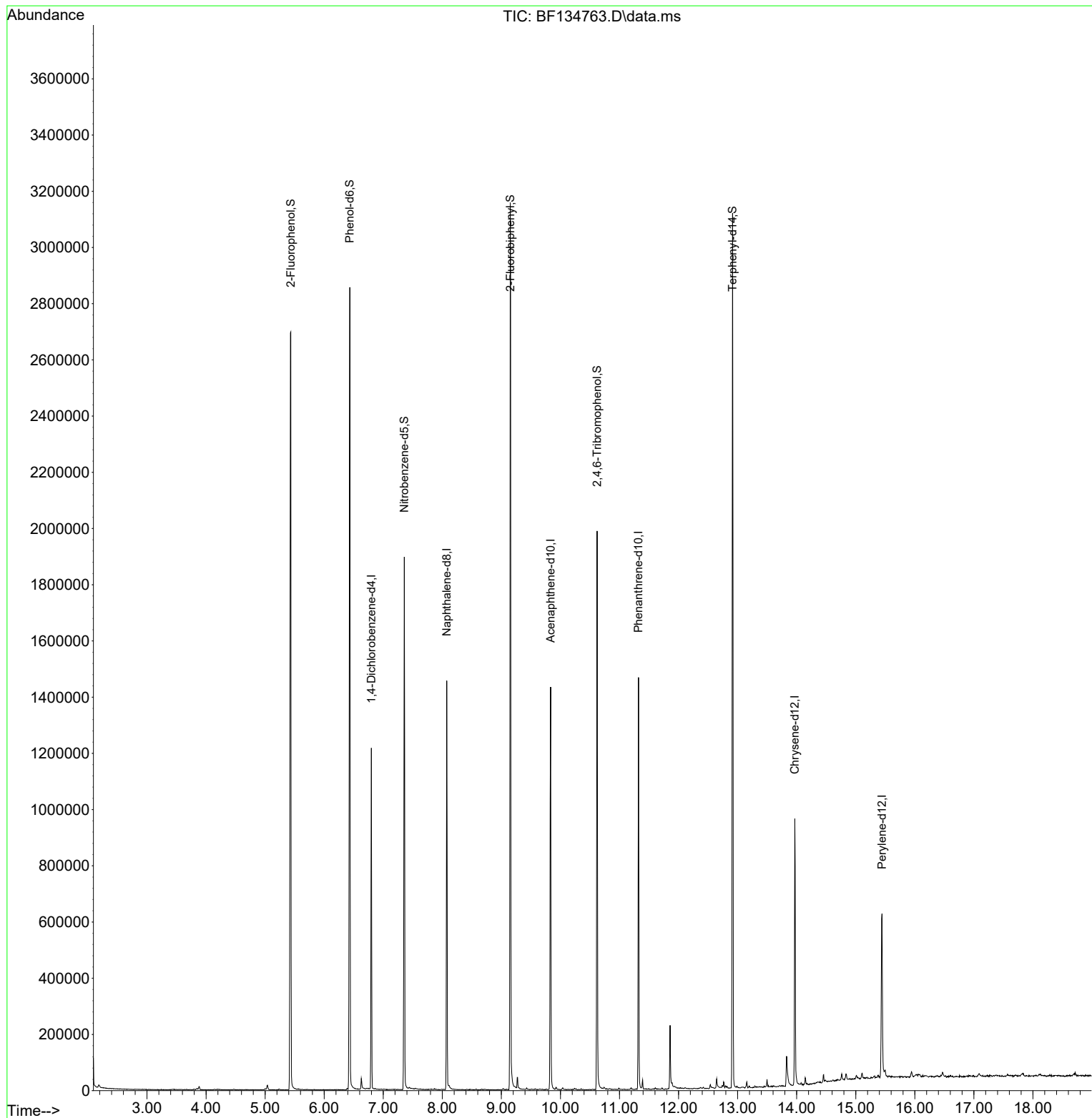
Target Compounds	Qvalue

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

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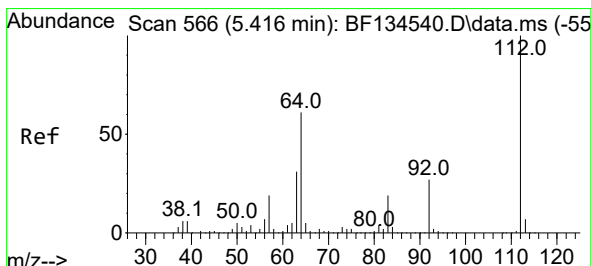
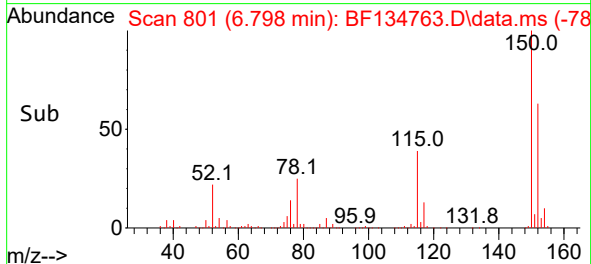
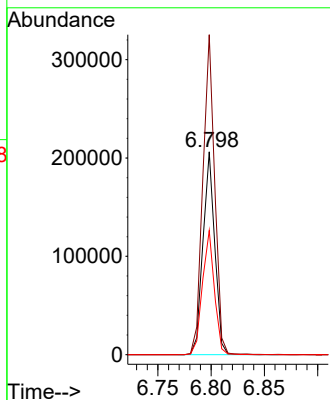
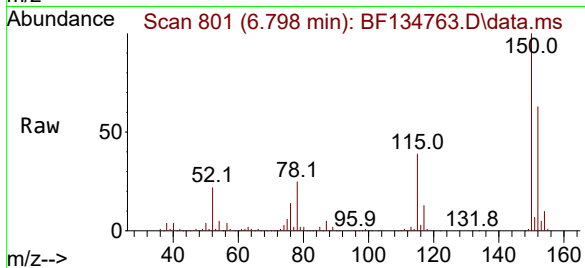




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

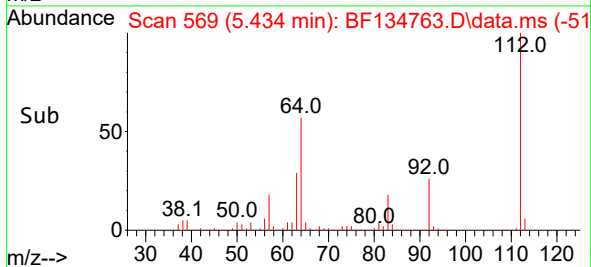
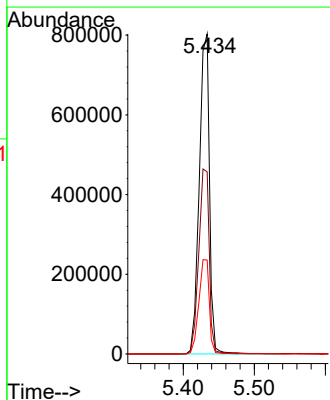
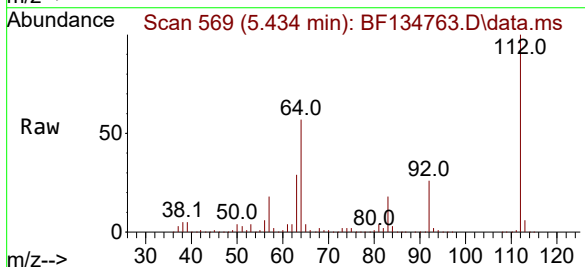
Instrument :
BNA_F
ClientSampleId :
B-PP26

Tgt Ion:152 Resp: 160084
Ion Ratio Lower Upper
152 100
150 157.8 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 76.441 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion:112 Resp: 805016
Ion Ratio Lower Upper
112 100
64 56.9 44.9 67.3
63 29.3 25.4 38.0

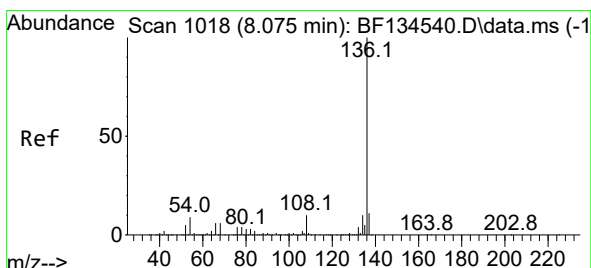
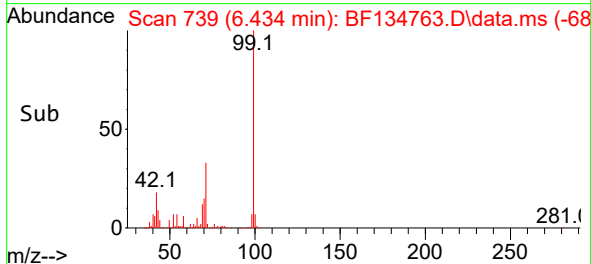
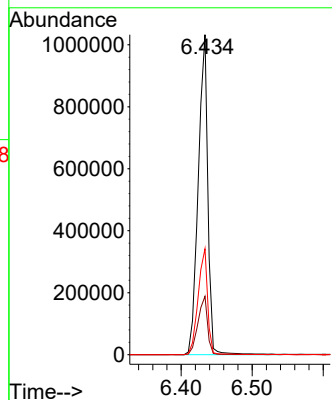
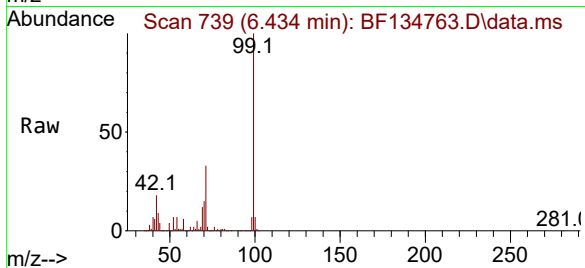




#7
Phenol-d6
Concen: 72.316 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

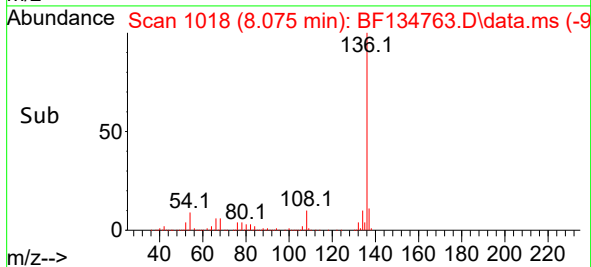
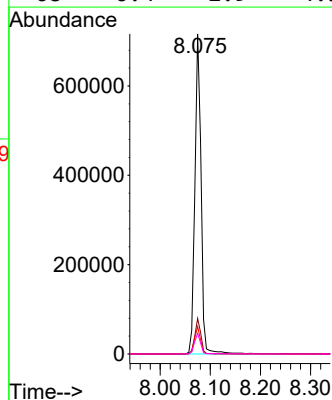
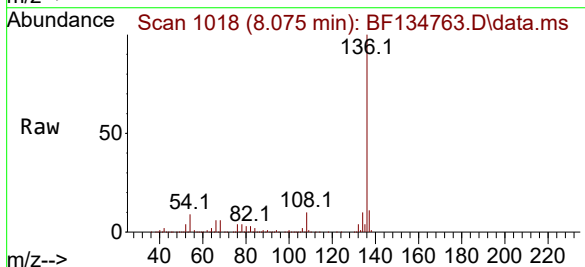
Instrument :
BNA_F
ClientSampleId :
B-PP26

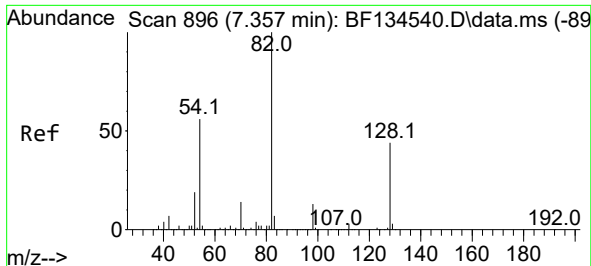
Tgt Ion: 99 Resp: 973525
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1#
71 33.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion: 136 Resp: 612657
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.4 2.9 4.3#

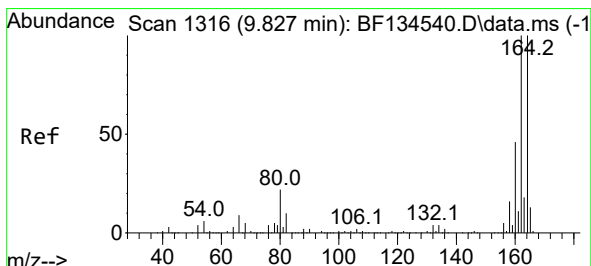
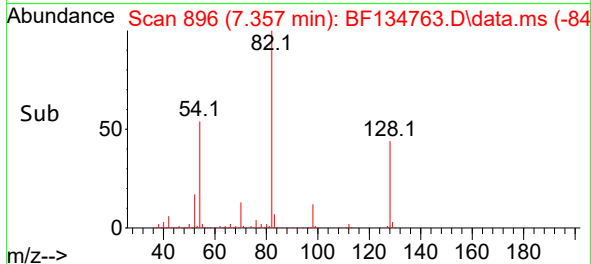
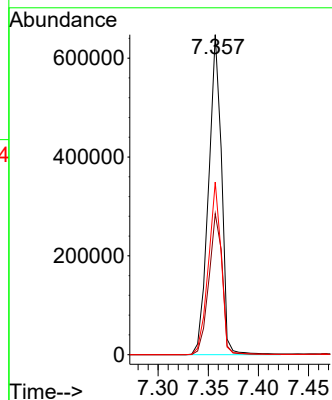
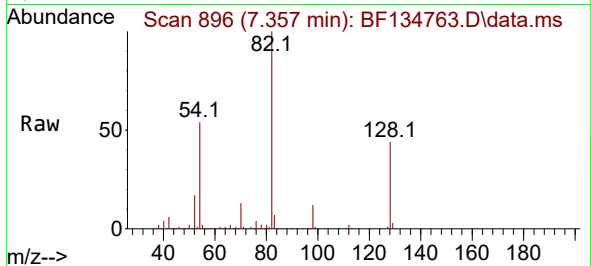




#23
Nitrobenzene-d5
Concen: 59.926 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

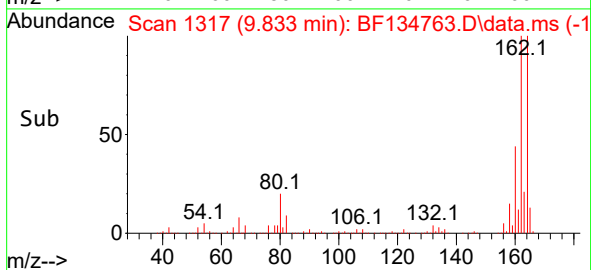
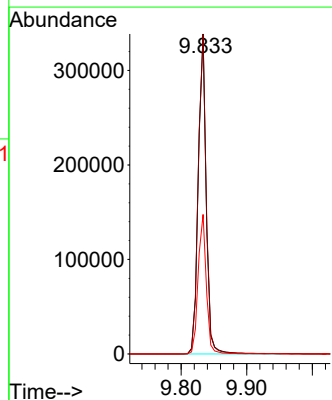
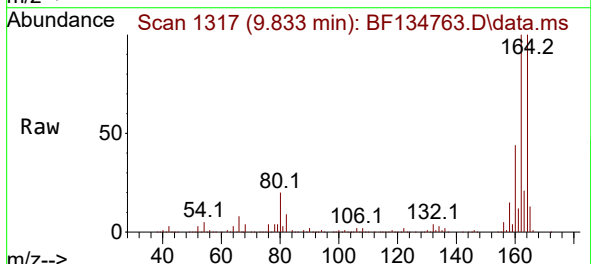
Instrument :
BNA_F
ClientSampleId :
B-PP26

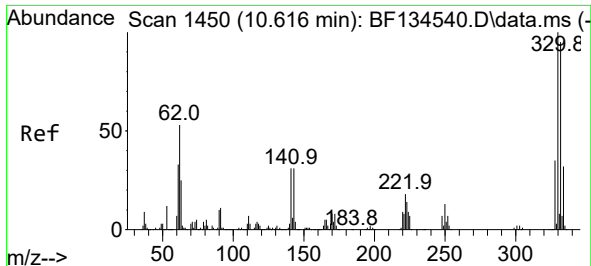
Tgt Ion: 82 Resp: 587494
Ion Ratio Lower Upper
82 100
128 44.1 34.3 51.5
54 54.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion:164 Resp: 285489
Ion Ratio Lower Upper
164 100
162 99.9 82.6 123.8
160 43.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 81.236 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-PP26

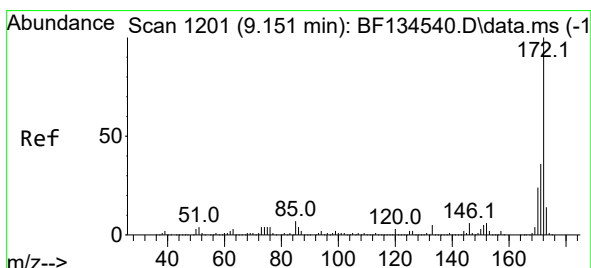
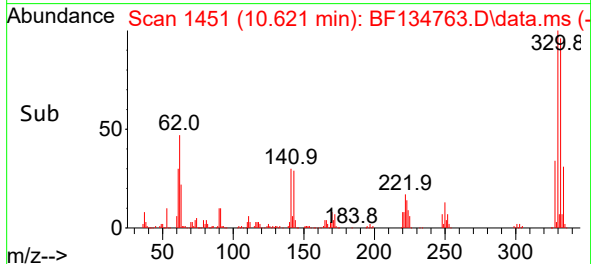
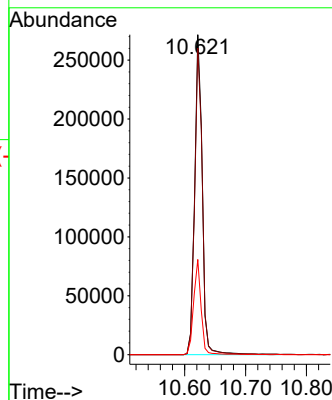
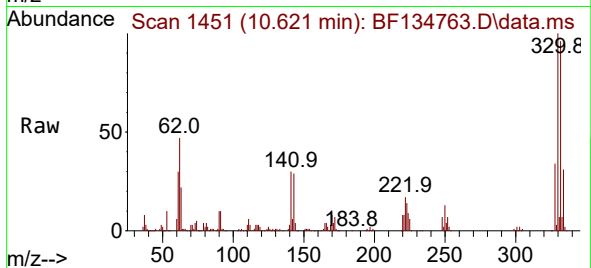
Tgt Ion:330 Resp: 236419

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

141 29.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 61.009 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

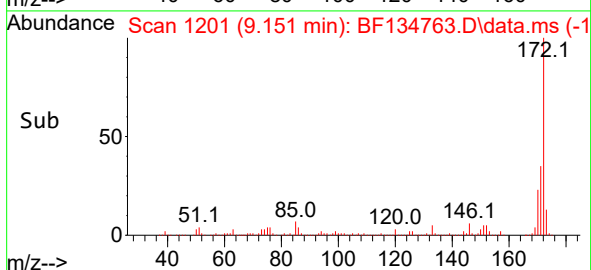
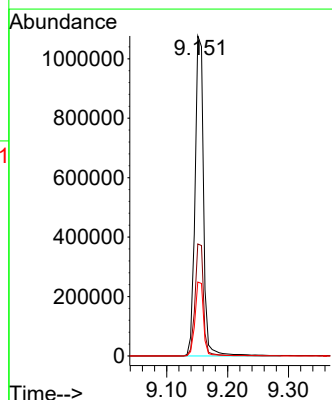
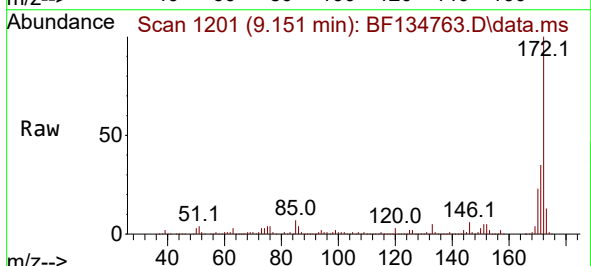
Tgt Ion:172 Resp: 1047536

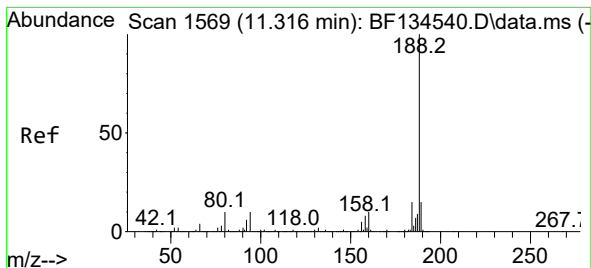
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

Instrument :

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B-PP26

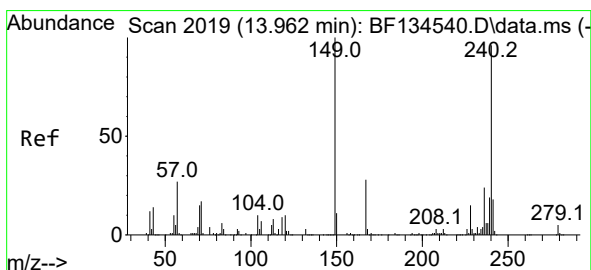
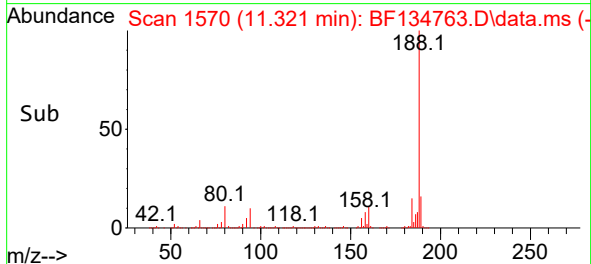
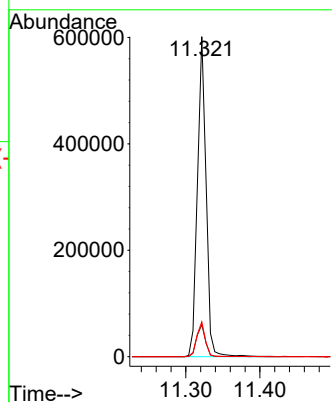
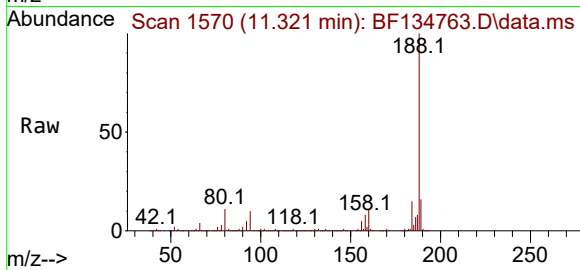
Tgt Ion:188 Resp: 486305

Ion Ratio Lower Upper

188 100

94 10.0 5.1 7.7#

80 10.9 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: BF134763.D

Acq: 14 Aug 2023 17:08

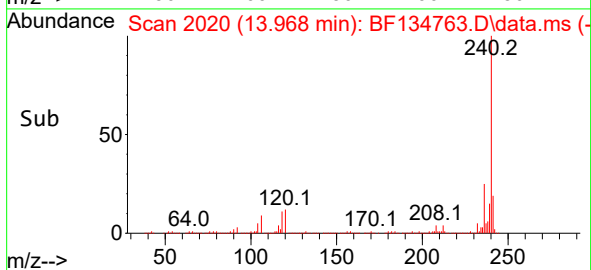
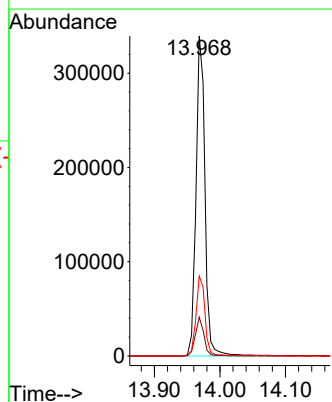
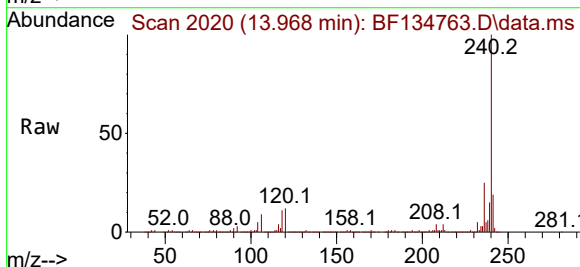
Tgt Ion:240 Resp: 323157

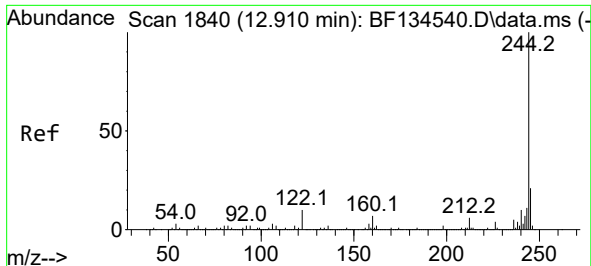
Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

236 25.0 20.2 30.2

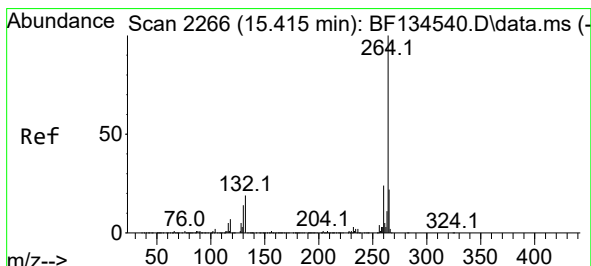
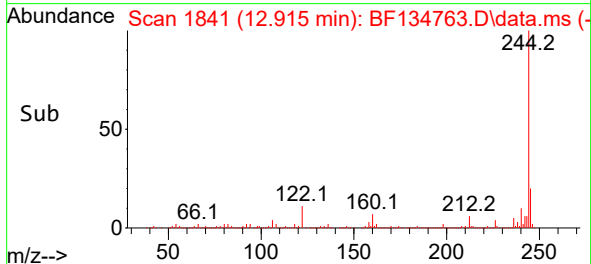
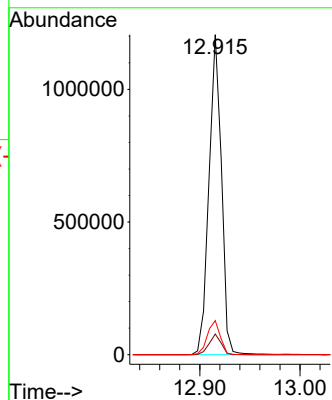
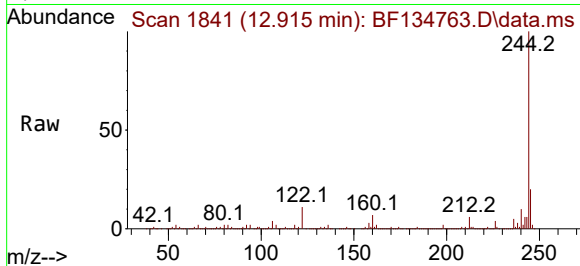




#79
 Terphenyl-d14
 Concen: 56.933 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134763.D
 Acq: 14 Aug 2023 17:08

Instrument :
 BNA_F
 ClientSampleId :
 B-PP26

Tgt Ion:244 Resp: 1043667
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.6 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: BF134763.D
 Acq: 14 Aug 2023 17:08

Tgt Ion:264 Resp: 302648
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.9 15.8 23.8

