

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134824.D
 Acq On : 17 Aug 2023 18:56
 Operator : CG\JU
 Sample : 04046-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-5)

Quant Time: Aug 18 01:07:25 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	6.793	152	154708	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	605898	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	297898	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510872	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	292605	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	383907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	823643	80.928	ng	0.00
7) Phenol-d6	6.428	99	1041494	80.054	ng	-0.01
23) Nitrobenzene-d5	7.351	82	652895	67.340	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268286	88.345	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1201767	67.076	ng	-0.01
79) Terphenyl-d14	12.910	244	1040546	62.690	ng	-0.01

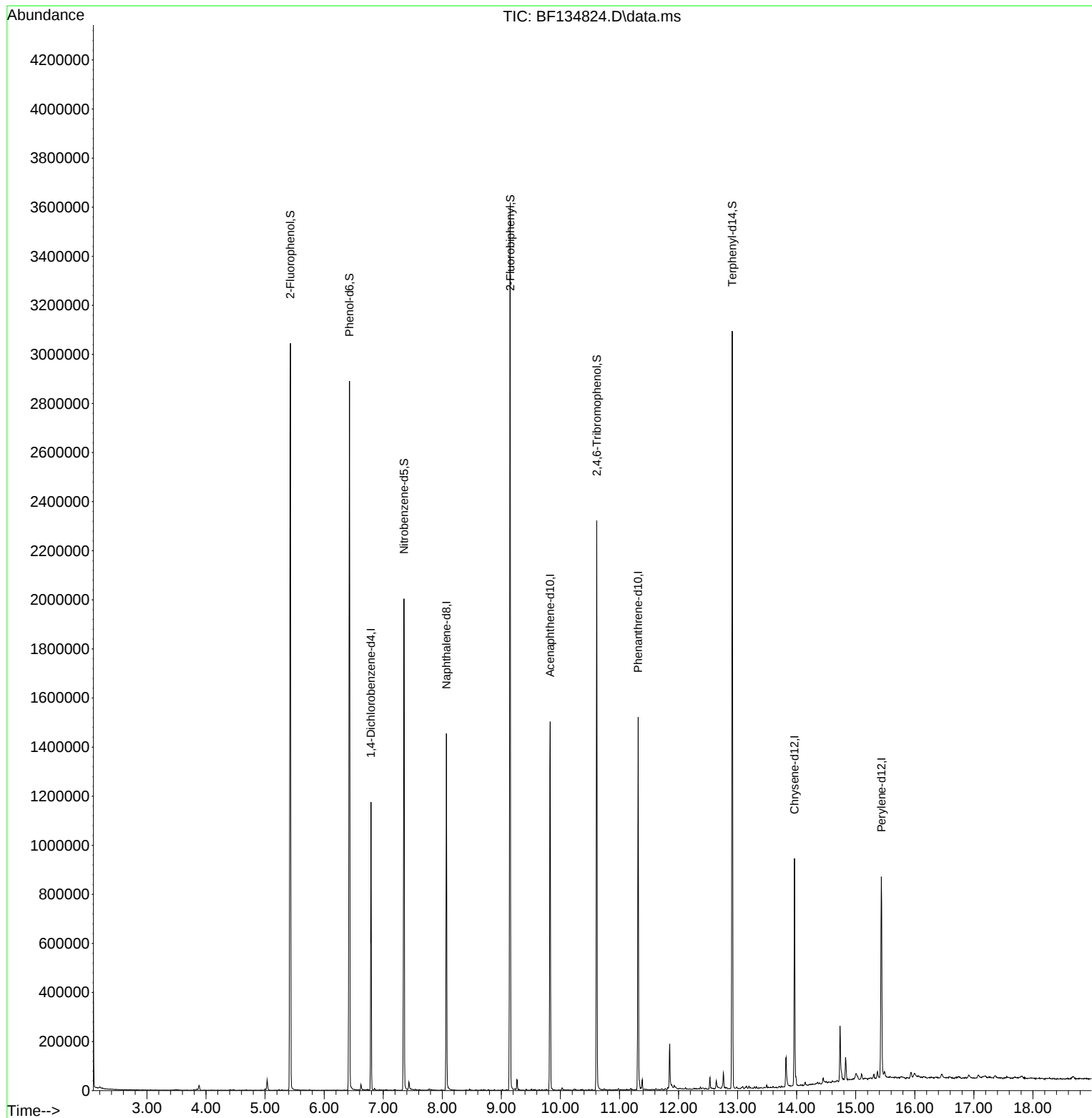
Target Compounds	Qvalue

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

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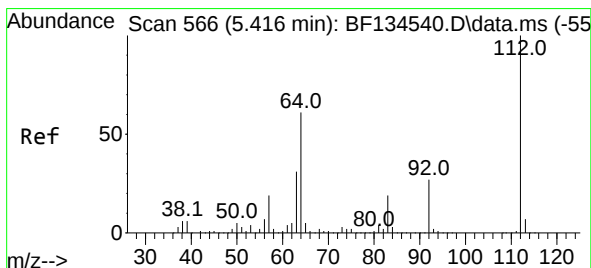
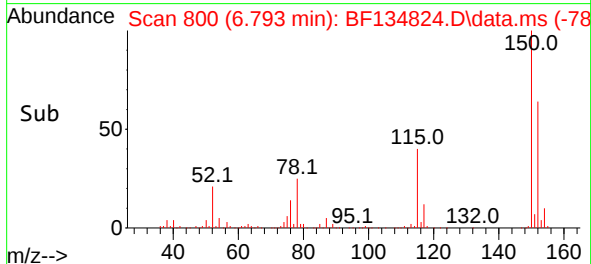
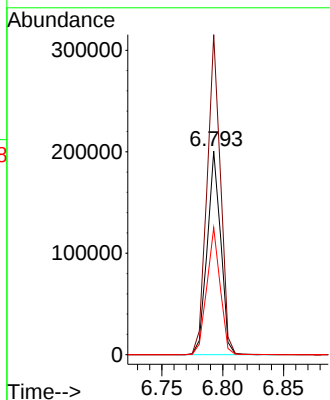
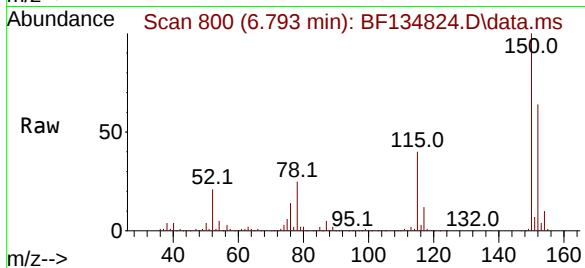




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. -0.005 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

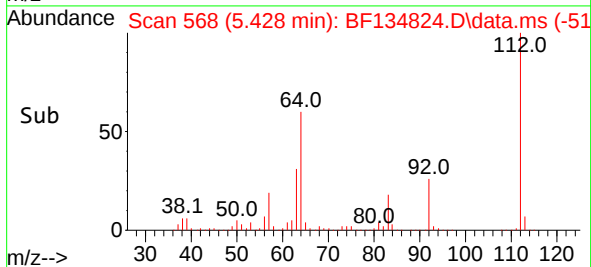
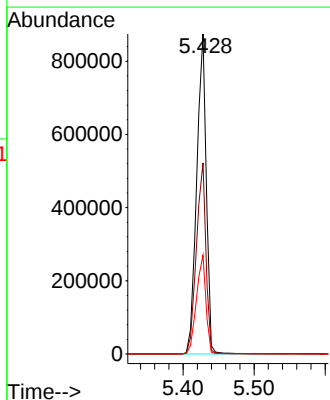
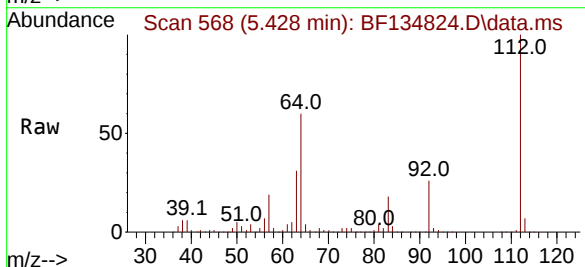
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-5)

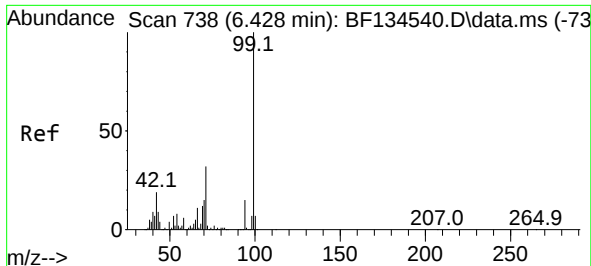
Tgt Ion:152 Resp: 154708
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.3 192.5
 115 62.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 80.928 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

Tgt Ion:112 Resp: 823643
 Ion Ratio Lower Upper
 112 100
 64 59.7 44.9 67.3
 63 30.9 25.4 38.0

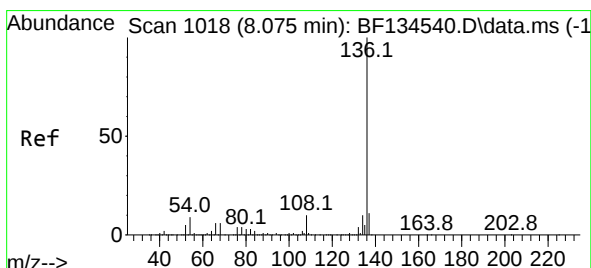
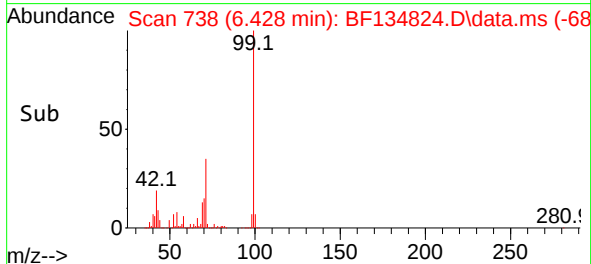
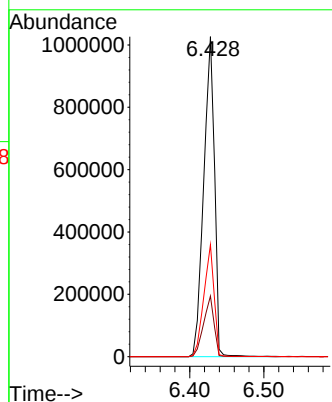
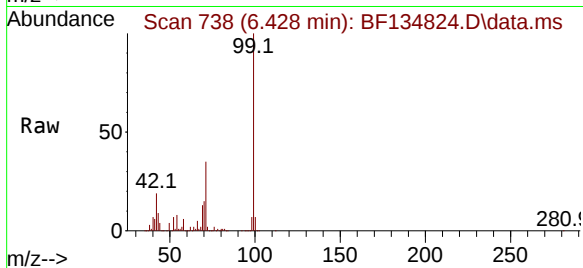




#7
Phenol-d6
Concen: 80.054 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

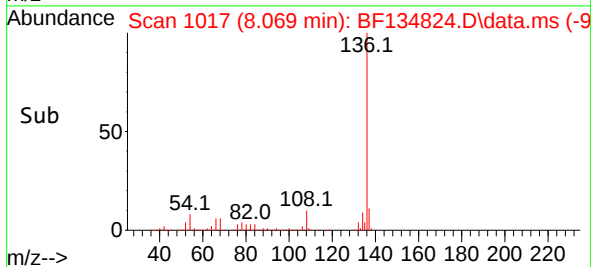
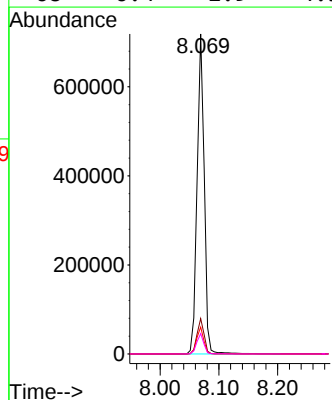
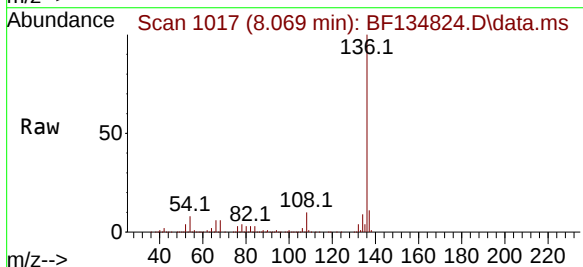
Instrument :
BNA_F
ClientSampleId :
SB-01(0-5)

Tgt Ion: 99 Resp: 1041494
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.0 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:136 Resp: 605898
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 67.340 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF134824.D

Acq: 17 Aug 2023 18:56

Instrument :

BNA_F

ClientSampleId :

SB-01(0-5)

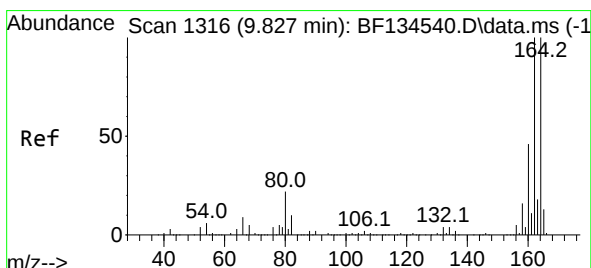
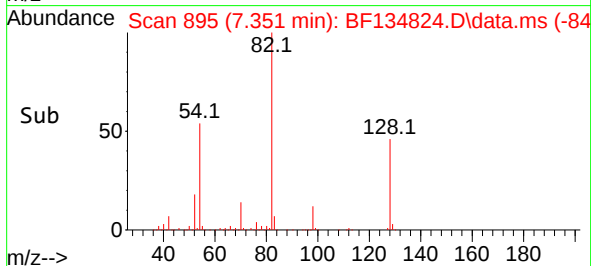
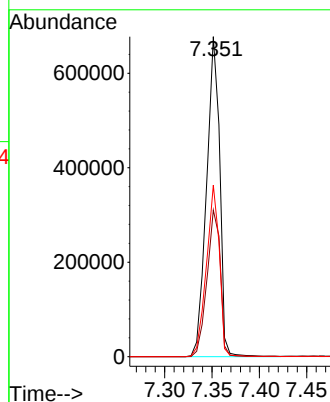
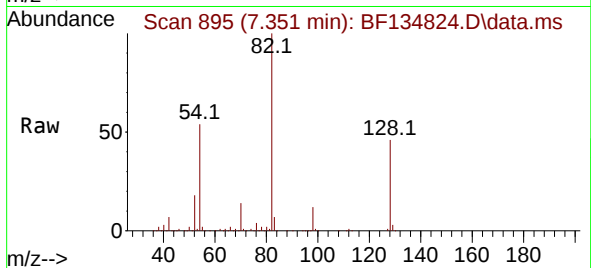
Tgt Ion: 82 Resp: 652895

Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

54 53.6 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134824.D

Acq: 17 Aug 2023 18:56

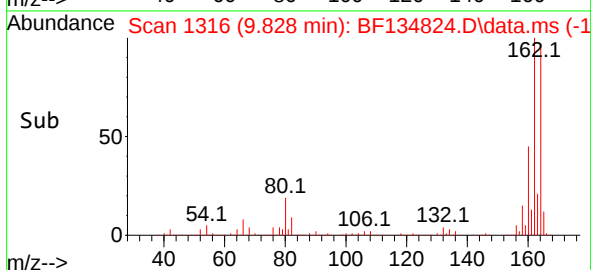
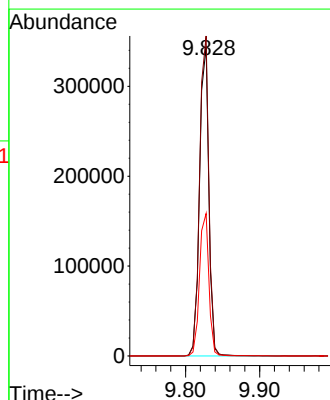
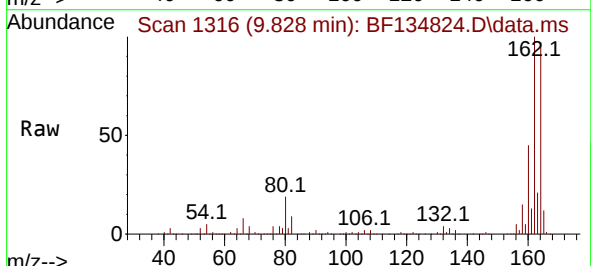
Tgt Ion:164 Resp: 297898

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 46.1 37.2 55.8

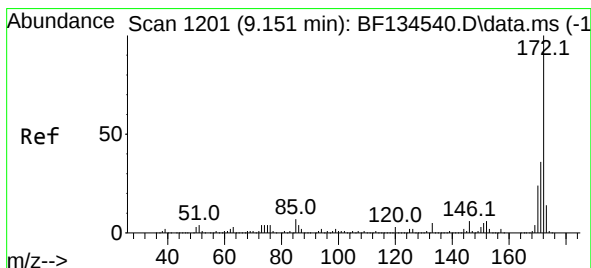
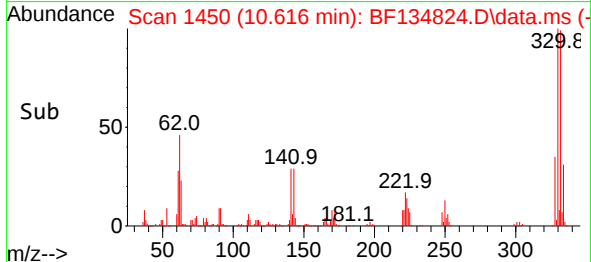
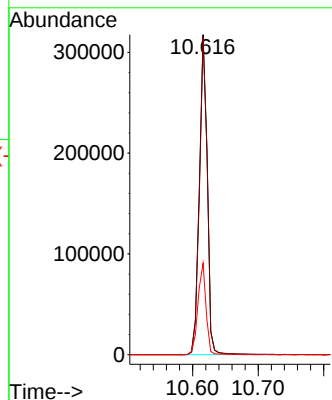
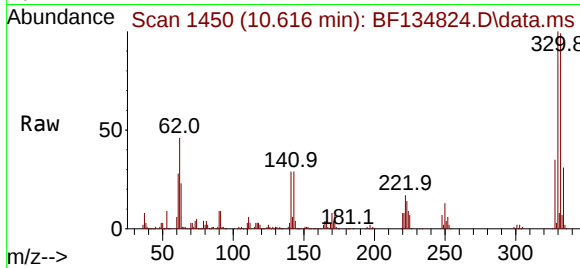




#42
 2,4,6-Tribromophenol
 Concen: 88.345 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

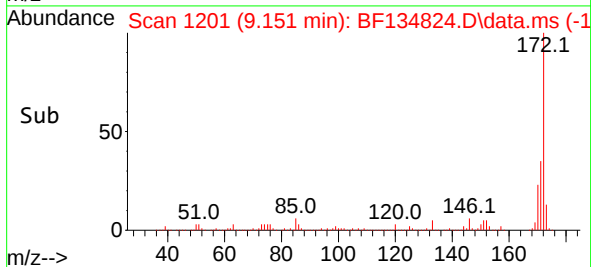
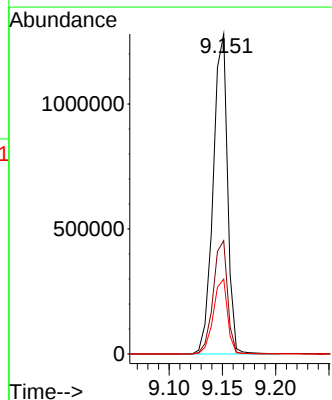
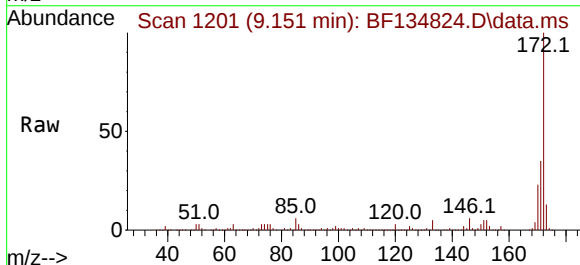
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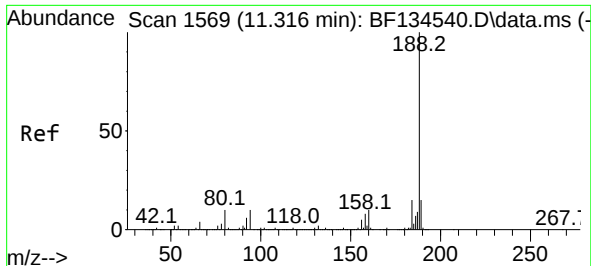
Tgt Ion:330 Resp: 268286
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.8 118.2
 141 29.1 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 67.076 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

Tgt Ion:172 Resp: 1201767
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.4 18.7 28.1

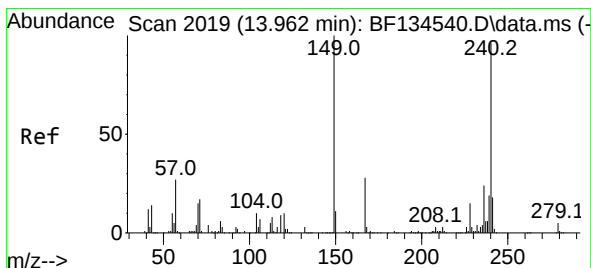
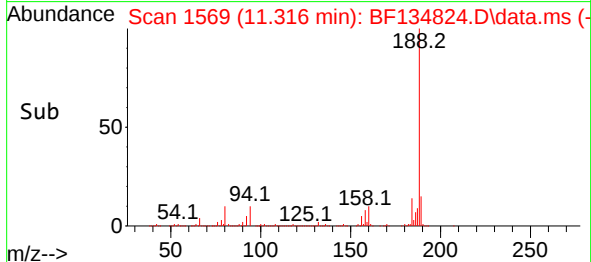
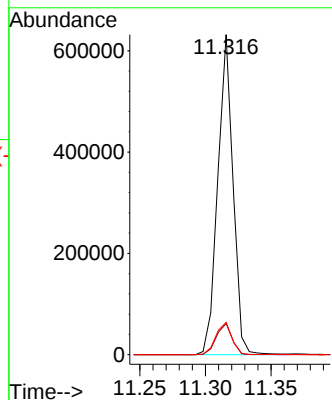
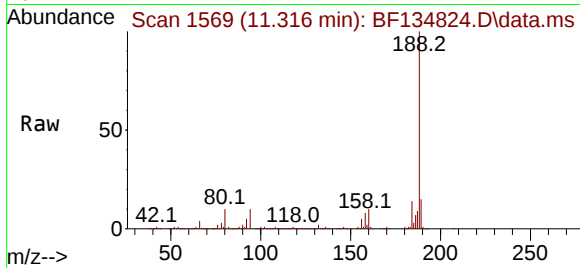




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

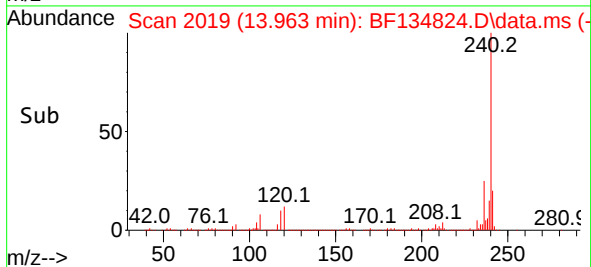
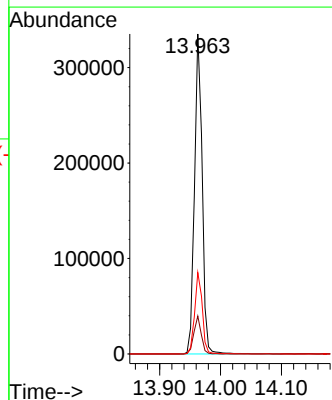
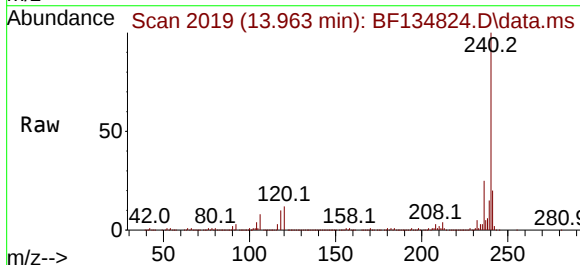
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BNA_F
ClientSampleId :
SB-01(0-5)

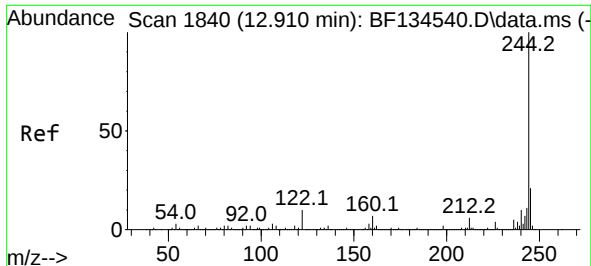
Tgt Ion:188 Resp: 510872
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:240 Resp: 292605
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.4 20.2 30.2

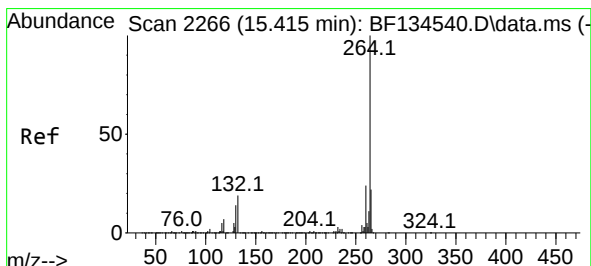
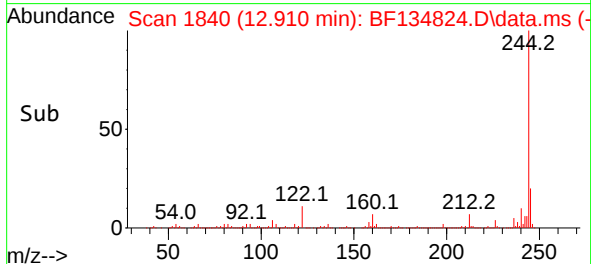
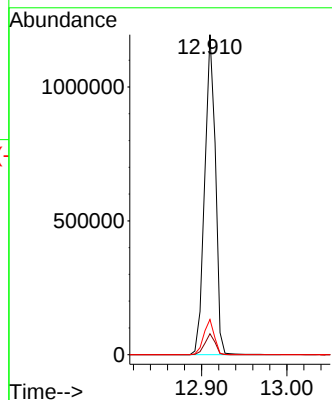
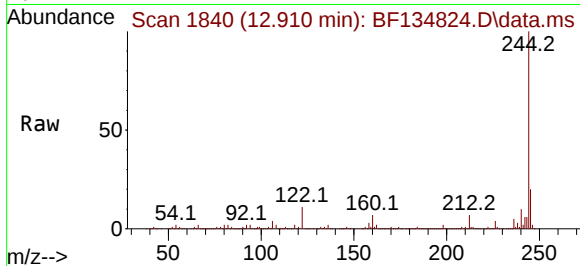




#79
 Terphenyl-d14
 Concen: 62.690 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-5)

Tgt Ion:244 Resp: 1040546
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

Tgt Ion:264 Resp: 383907
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.1 15.8 23.8

