

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134852.D
 Acq On : 18 Aug 2023 21:24
 Operator : CG\JU
 Sample : 04069-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Aug 19 01:47:35 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)

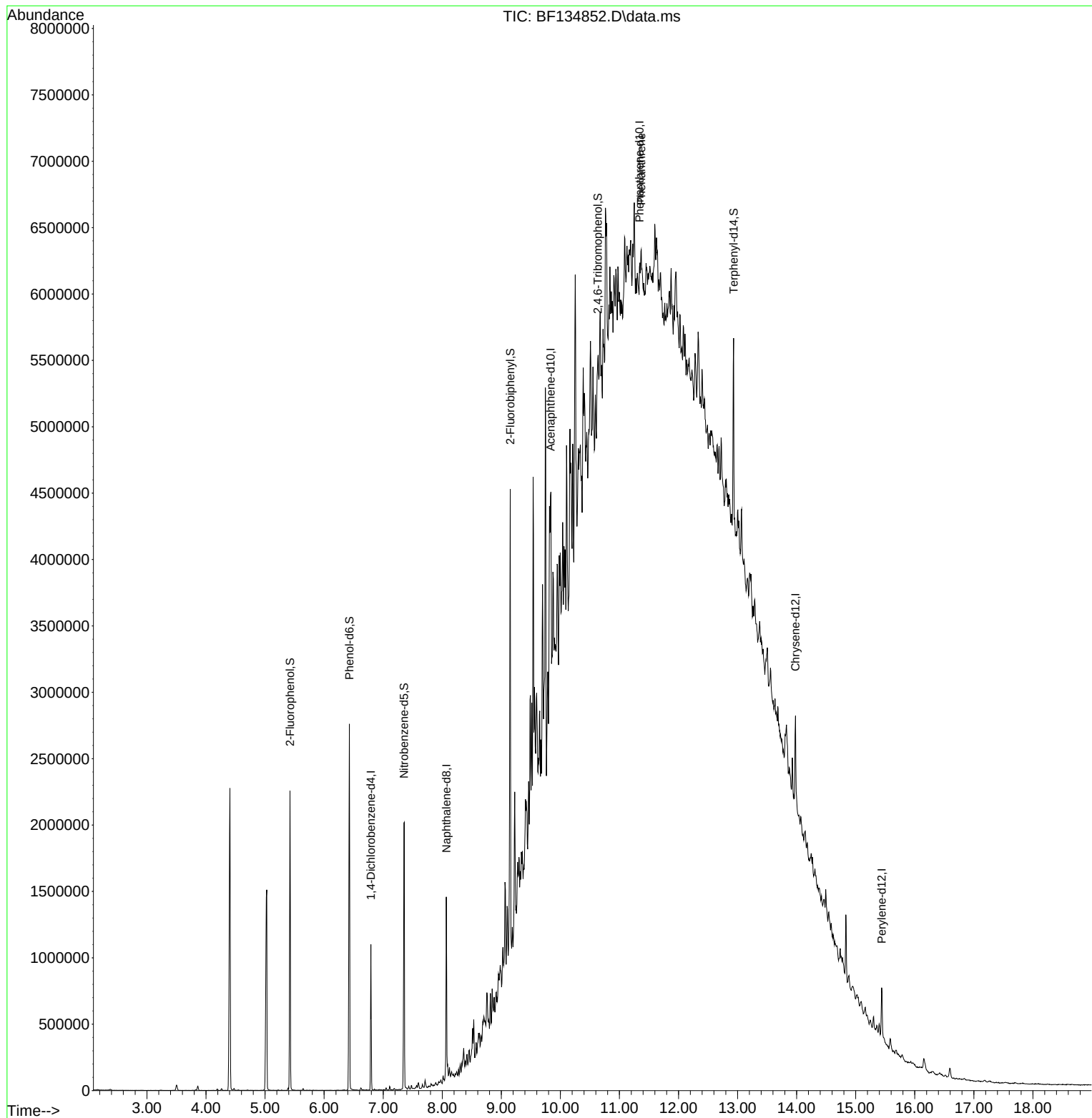
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	140399	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	542939	20.000	ng	#-0.01
39) Acenaphthene-d10	9.833	164	167769	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	171235	20.000	ng	# 0.02
76) Chrysene-d12	13.980	240	245213	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	186108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	575079	62.264	ng	0.00
7) Phenol-d6	6.428	99	981123	83.099	ng	-0.01
23) Nitrobenzene-d5	7.351	82	696067	80.118	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	57500	33.621	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1077039	106.741	ng	-0.01
79) Terphenyl-d14	12.933	244	718809	51.676	ng	0.01
Target Compounds						
71) Phenanthrene	11.368	178	120123	13.207	ng	Qvalue # 60

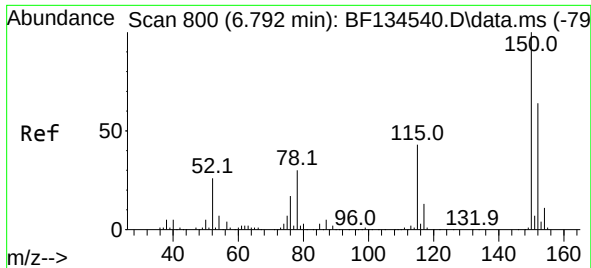
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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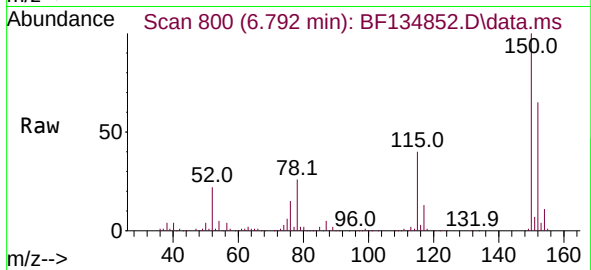
Quant Time: Aug 19 01:47:35 2023
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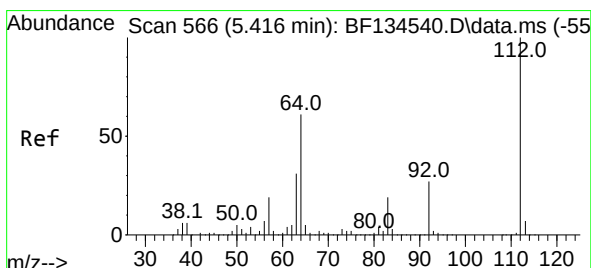
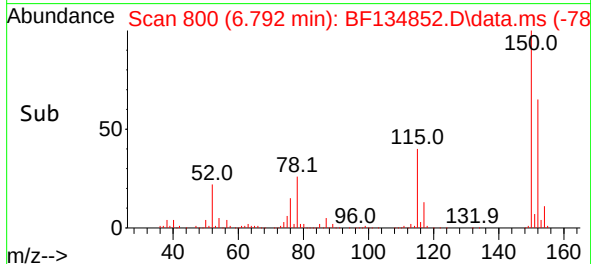
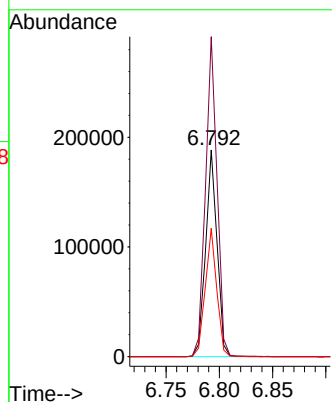


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

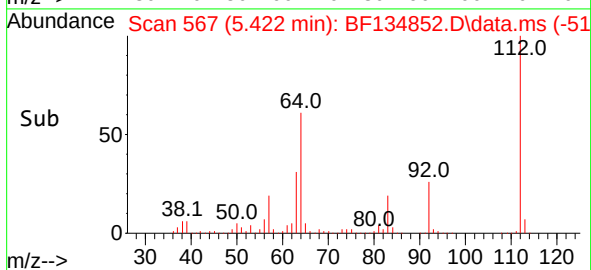
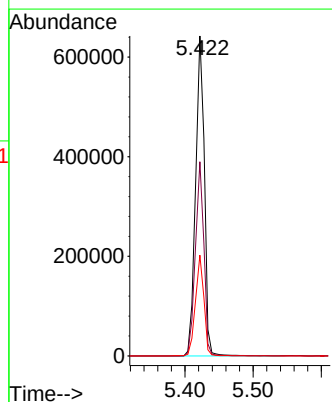
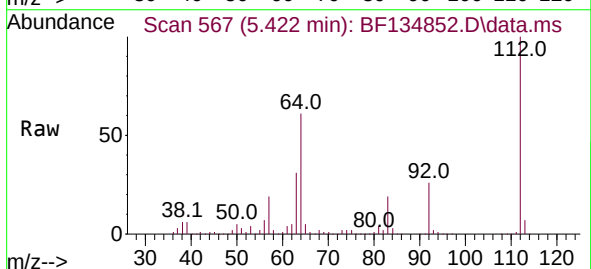


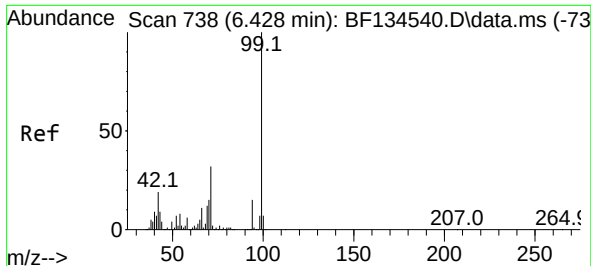
Tgt Ion:152 Resp: 140399
Ion Ratio Lower Upper
152 100
150 154.8 128.3 192.5
115 62.0 52.4 78.6



#5
2-Fluorophenol
Concen: 62.264 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

Tgt Ion:112 Resp: 575079
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.5 25.4 38.0

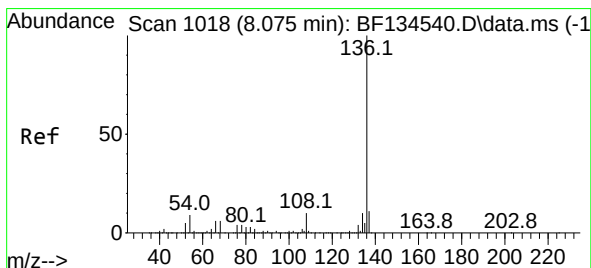
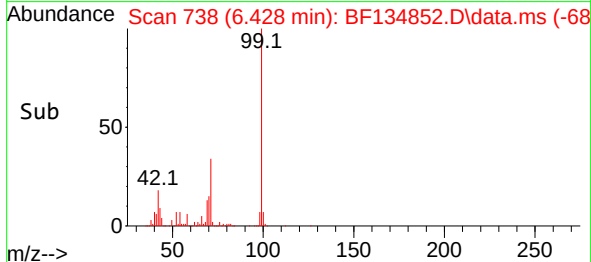
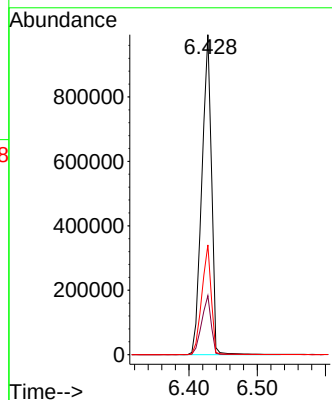
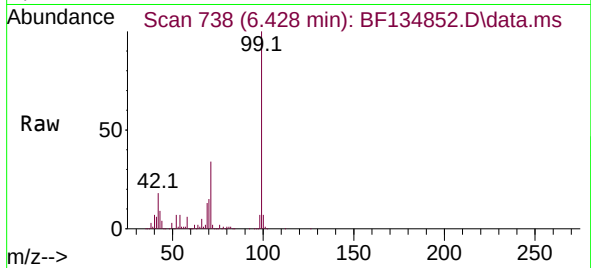




#7
Phenol-d6
Concen: 83.099 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

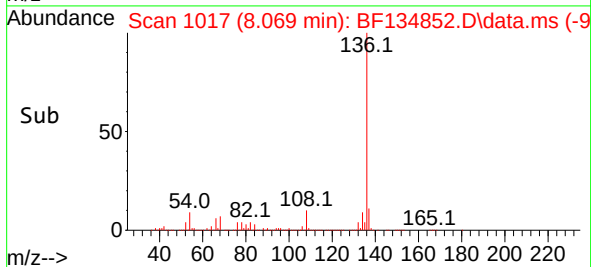
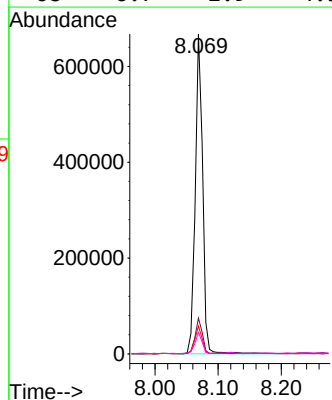
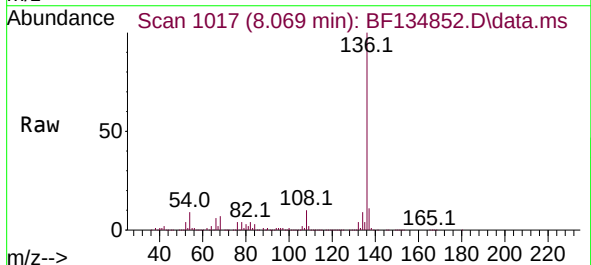
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

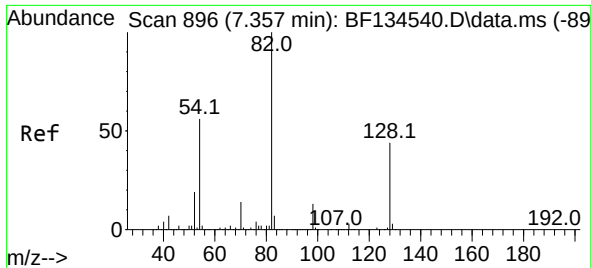
Tgt Ion: 99 Resp: 981123
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 34.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

Tgt Ion: 136 Resp: 542939
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 80.118 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134852.D

Acq: 18 Aug 2023 21:24

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

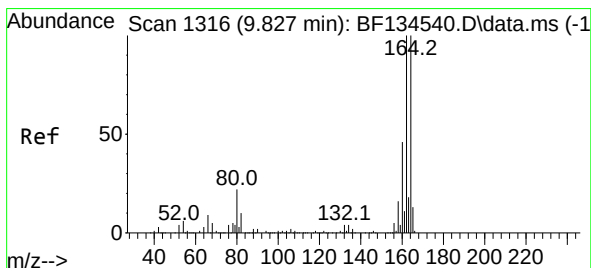
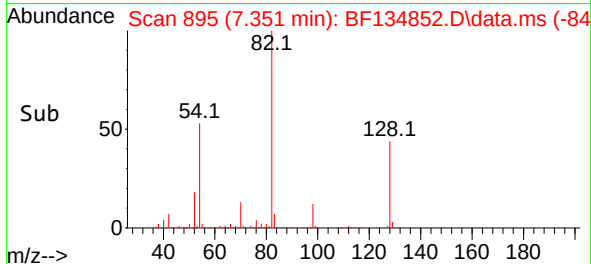
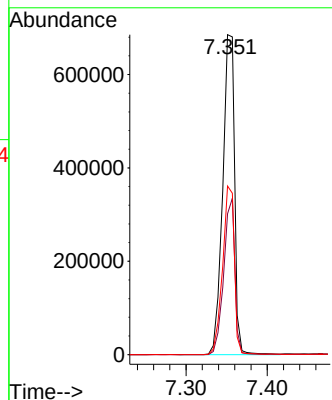
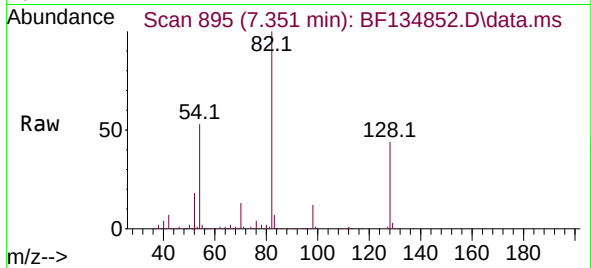
Tgt Ion: 82 Resp: 696067

Ion Ratio Lower Upper

82 100

128 44.0 34.3 51.5

54 52.7 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: BF134852.D

Acq: 18 Aug 2023 21:24

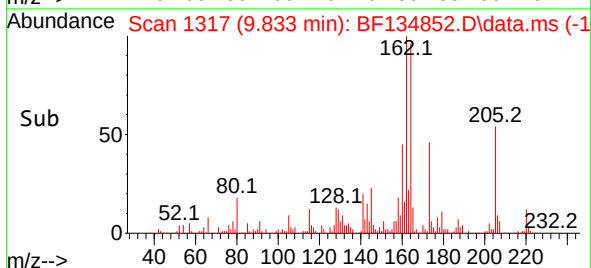
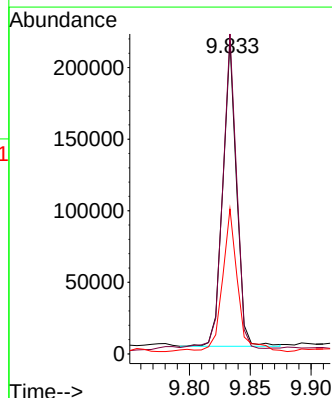
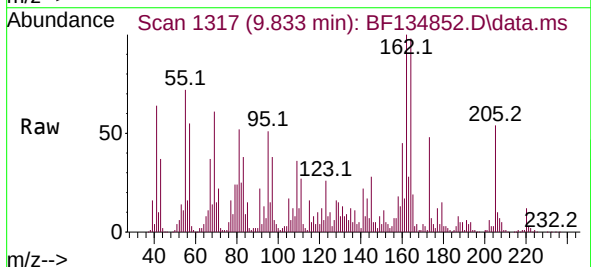
Tgt Ion:164 Resp: 167769

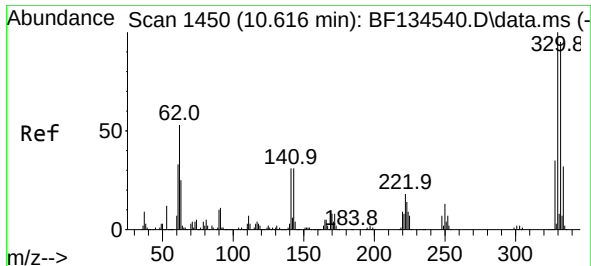
Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

160 46.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 33.621 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF134852.D

Acq: 18 Aug 2023 21:24

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

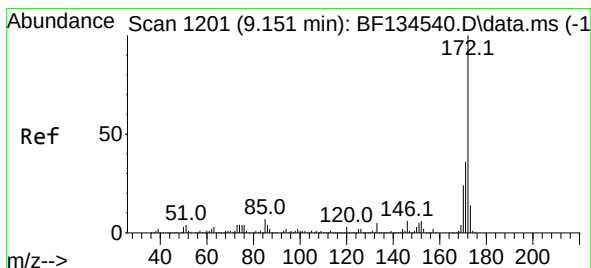
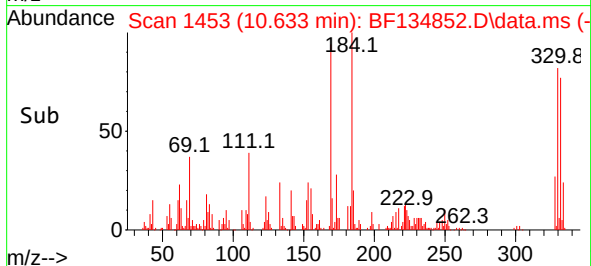
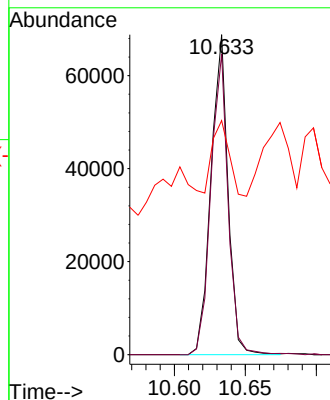
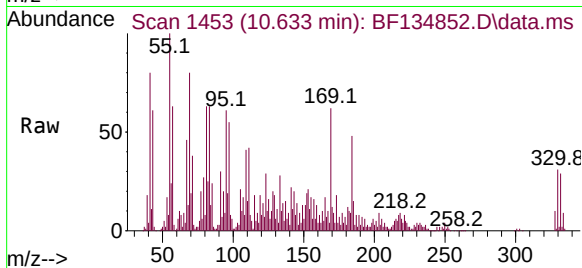
Tgt Ion:330 Resp: 57500

Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 23.1 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 106.741 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134852.D

Acq: 18 Aug 2023 21:24

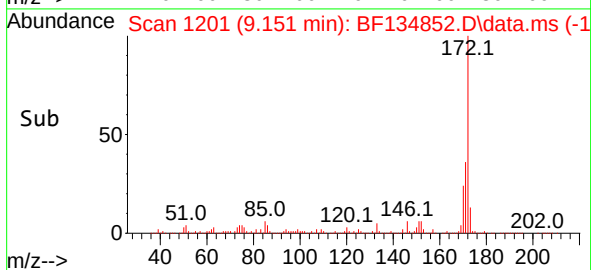
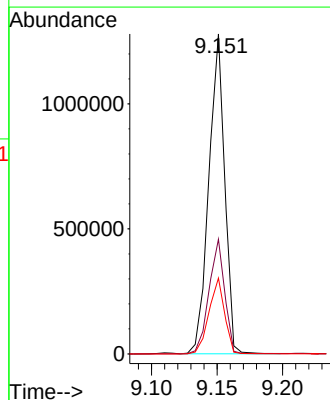
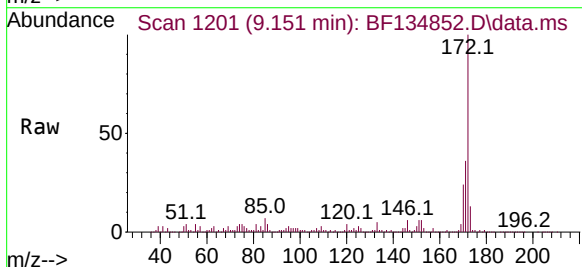
Tgt Ion:172 Resp: 1077039

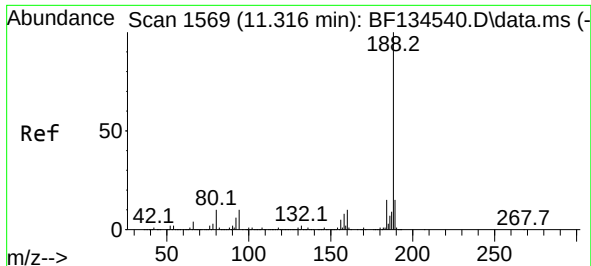
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 18.7 28.1

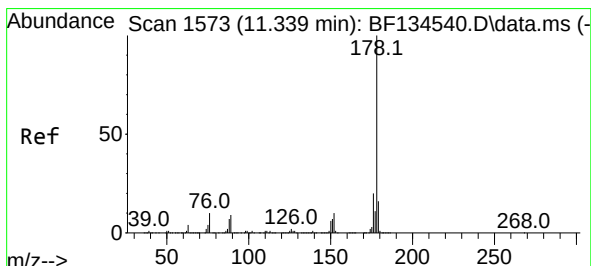
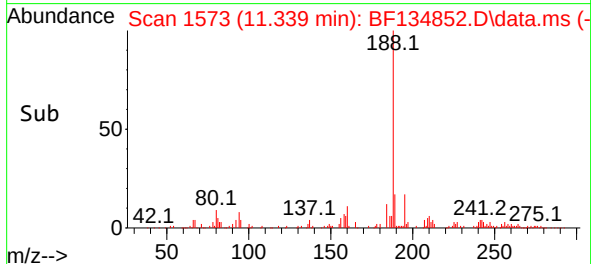
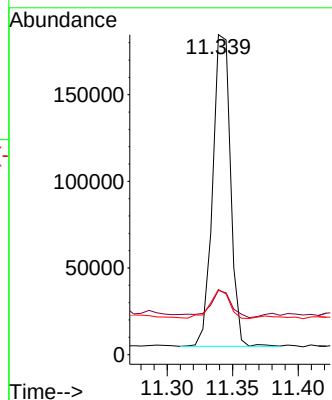
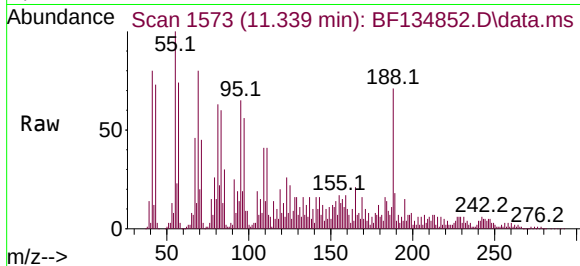




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.018 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

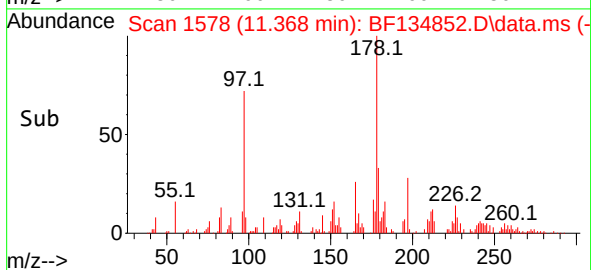
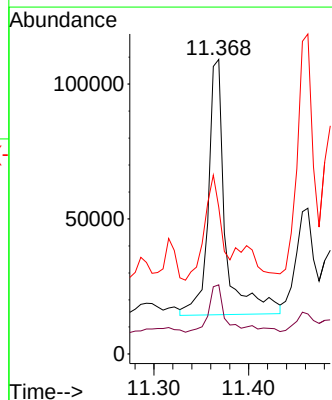
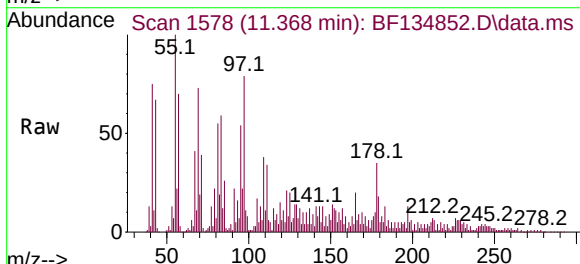
Instrument :
BNA_F
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CONC-WC-1

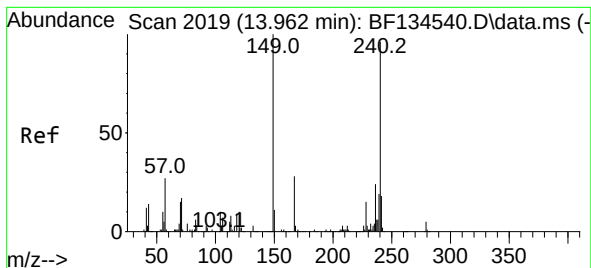
Tgt Ion:188 Resp: 171235
Ion Ratio Lower Upper
188 100
94 20.1 5.1 7.7#
80 20.4 6.6 9.8#



#71
Phenanthrene
Concen: 13.207 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF134852.D
Acq: 18 Aug 2023 21:24

Tgt Ion:178 Resp: 120123
Ion Ratio Lower Upper
178 100
176 23.5 15.8 23.6
179 49.8 12.7 19.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF134852.D

Acq: 18 Aug 2023 21:24

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

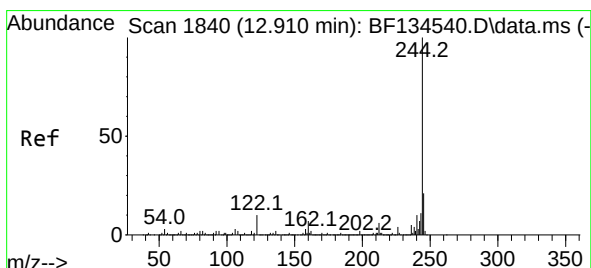
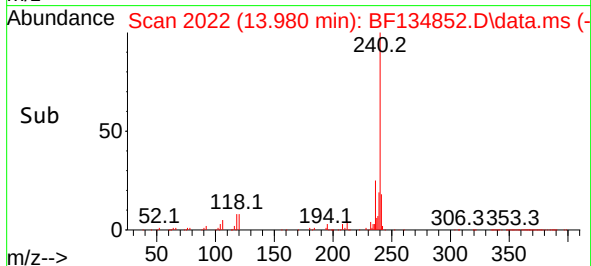
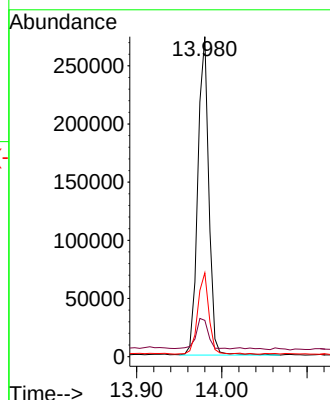
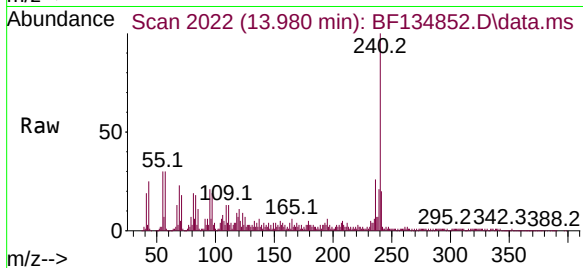
Tgt Ion:240 Resp: 245213

Ion Ratio Lower Upper

240 100

120 11.3 6.6 10.0#

236 26.2 20.2 30.2



#79

Terphenyl-d14

Concen: 51.676 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.012 min

Lab File: BF134852.D

Acq: 18 Aug 2023 21:24

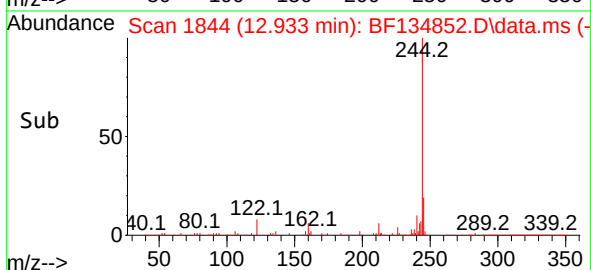
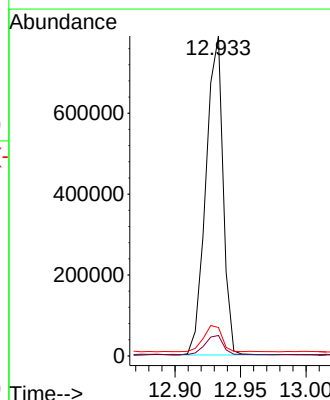
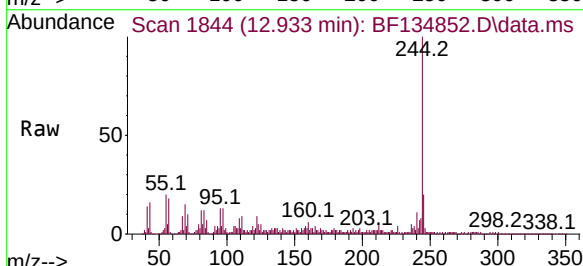
Tgt Ion:244 Resp: 718809

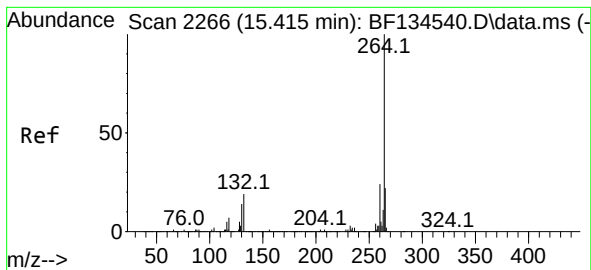
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 8.9 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134852.D

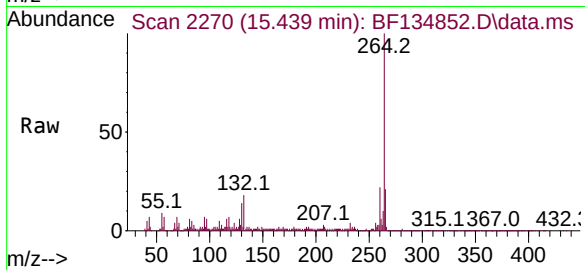
Acq: 18 Aug 2023 21:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 186108

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 20.8 15.8 23.8

