

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134868.D
 Acq On : 21 Aug 2023 15:24
 Operator : CG\JU
 Sample : 04086-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP17A

Quant Time: Aug 22 03:19:34 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	174429	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	712410	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	352708	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	578376	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	366064	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	346976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	921995	80.349	ng	0.00
7) Phenol-d6	6.434	99	1170718	79.812	ng	0.00
23) Nitrobenzene-d5	7.351	82	737540	64.697	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	314535	87.480	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1307088	61.617	ng	-0.01
79) Terphenyl-d14	12.910	244	1103336	53.134	ng	-0.01

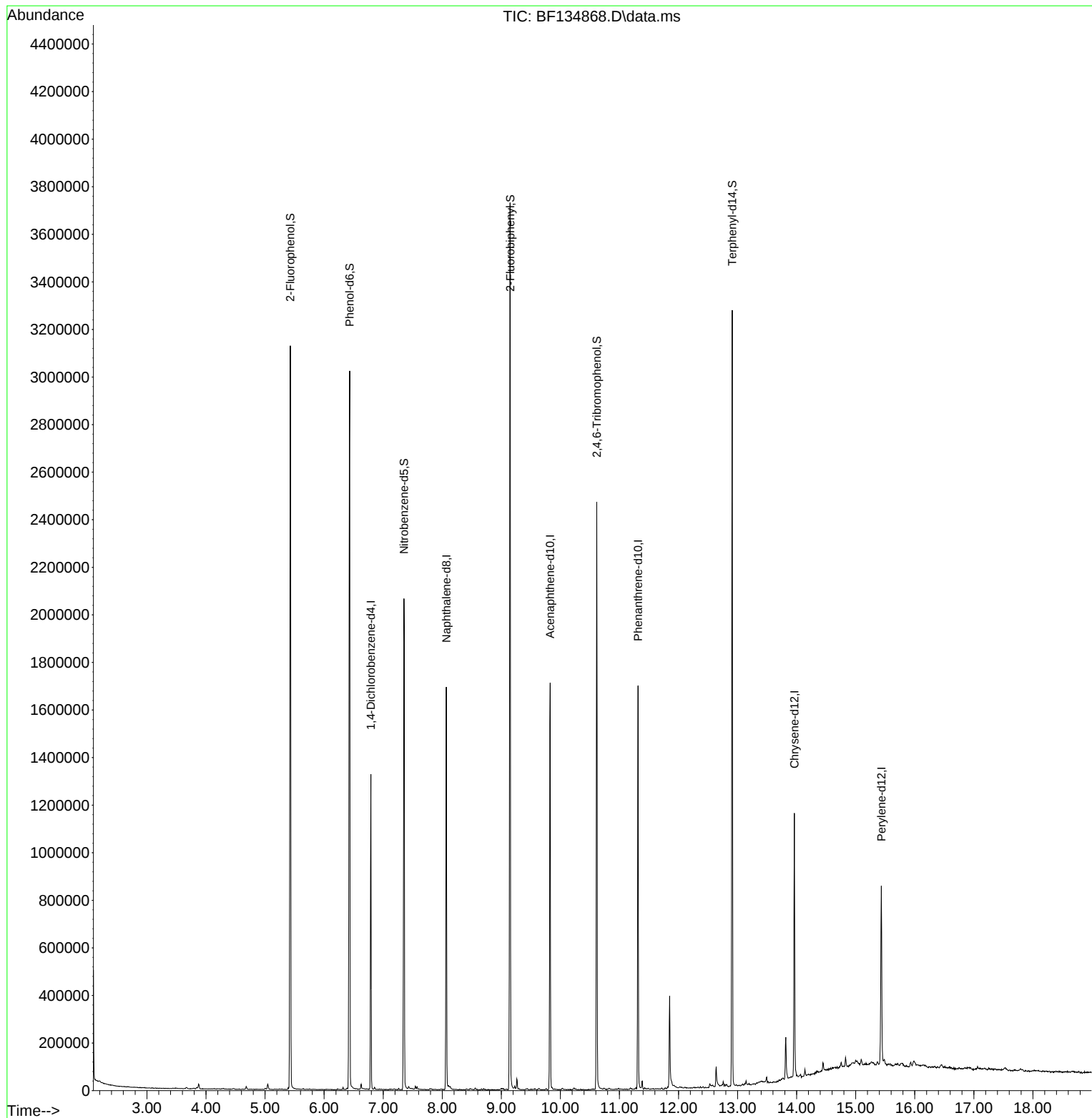
Target Compounds Qvalue

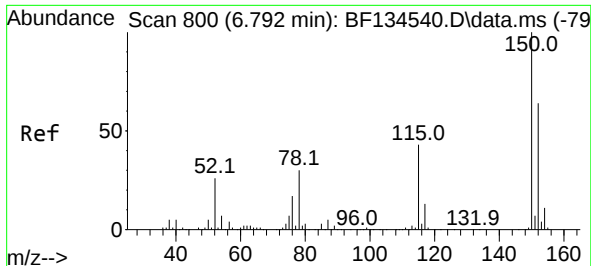
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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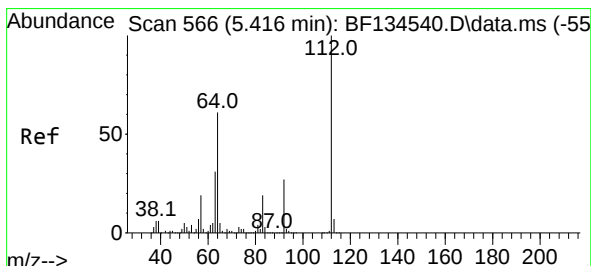
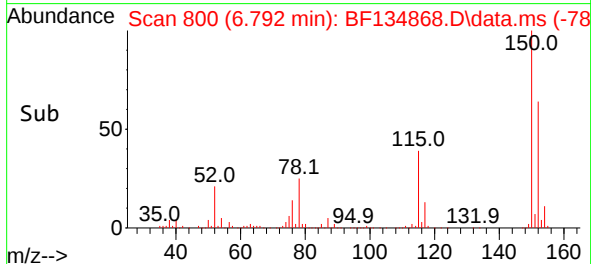
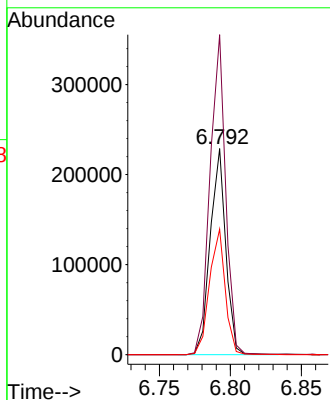
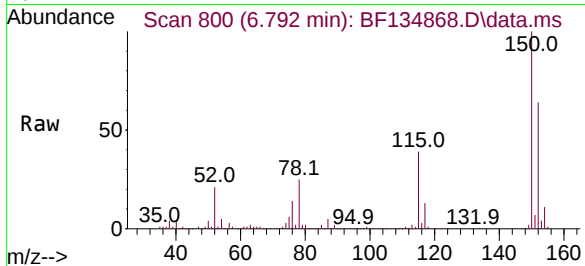




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

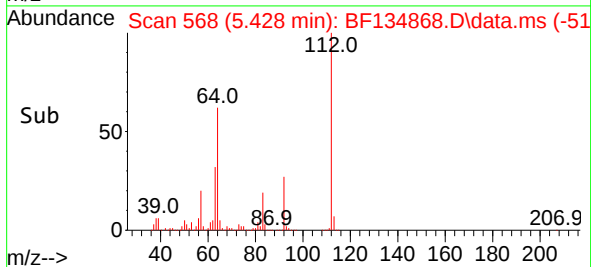
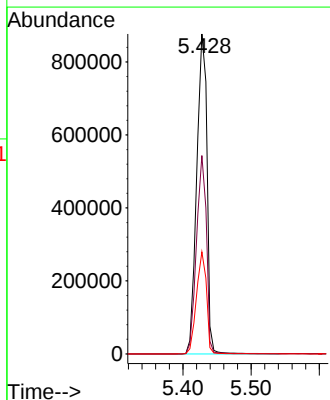
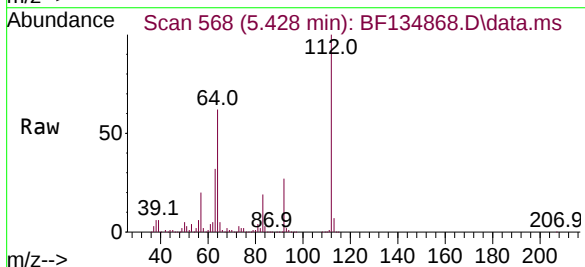
Instrument :
 BNA_F
 ClientSampleId :
 B-PP17A

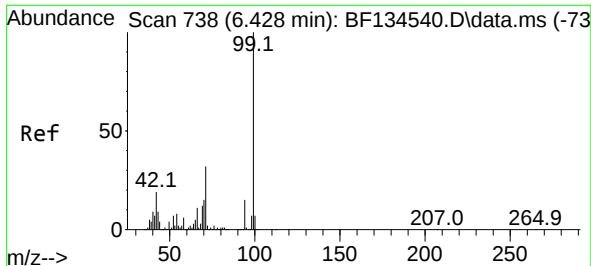
Tgt Ion:152 Resp: 174429
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.3 192.5
 115 60.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 80.349 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

Tgt Ion:112 Resp: 921995
 Ion Ratio Lower Upper
 112 100
 64 62.0 44.9 67.3
 63 31.9 25.4 38.0

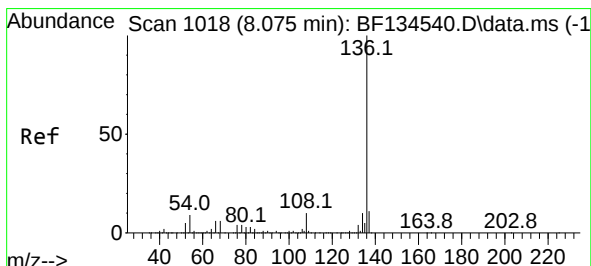
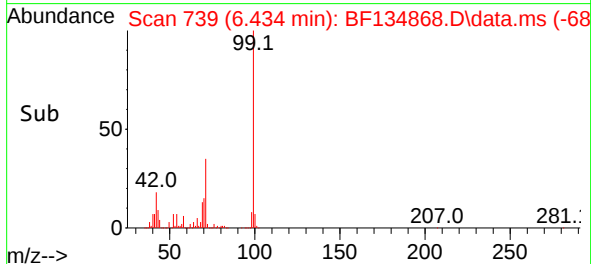
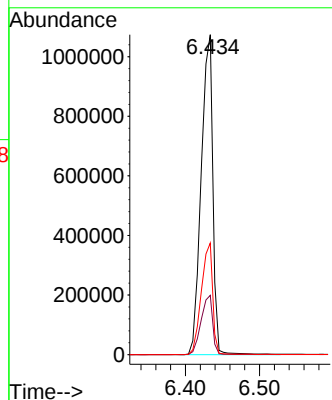
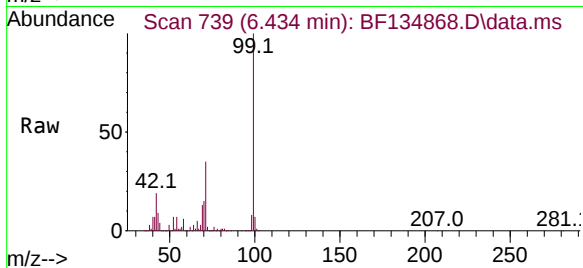




#7
Phenol-d6
Concen: 79.812 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

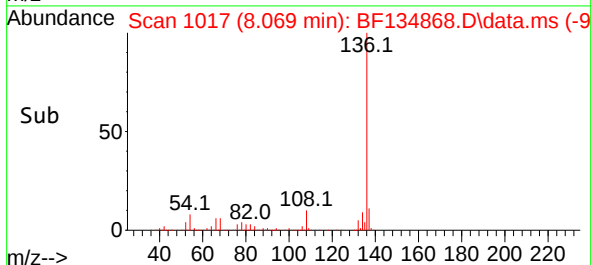
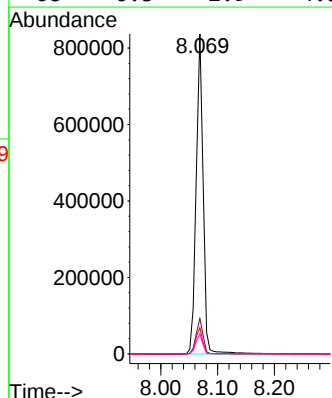
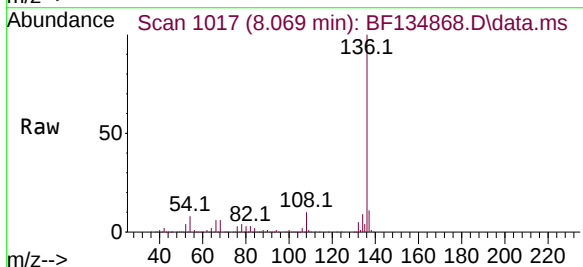
Instrument :
BNA_F
ClientSampleId :
B-PP17A

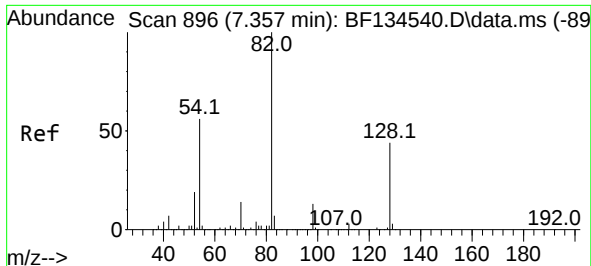
Tgt Ion: 99 Resp: 1170718
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 34.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion: 136 Resp: 712410
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 64.697 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

Instrument :

BNA_F

ClientSampleId :

B-PP17A

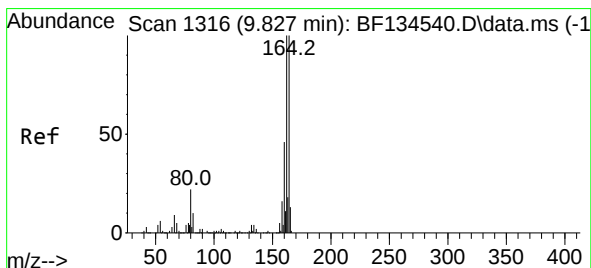
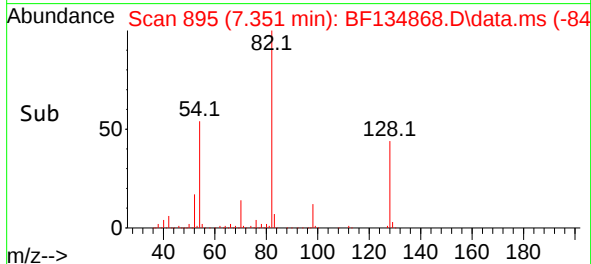
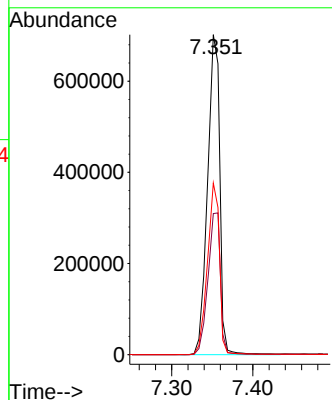
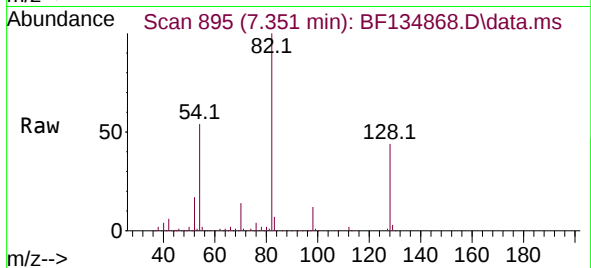
Tgt Ion: 82 Resp: 737540

Ion Ratio Lower Upper

82 100

128 44.1 34.3 51.5

54 53.6 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

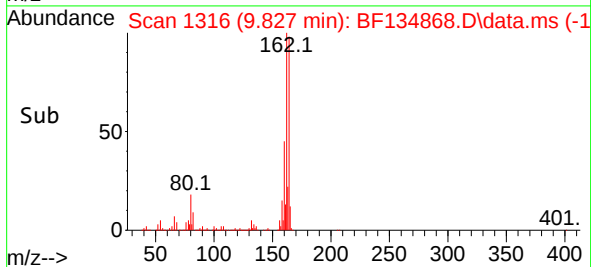
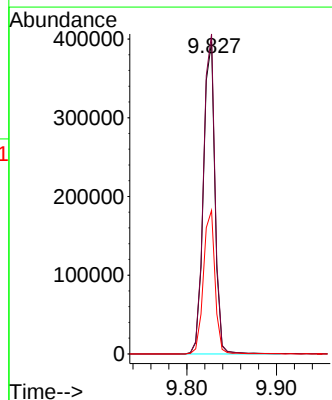
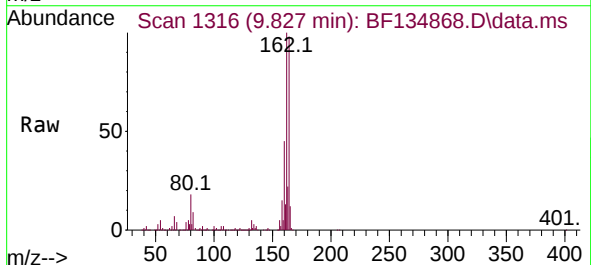
Tgt Ion:164 Resp: 352708

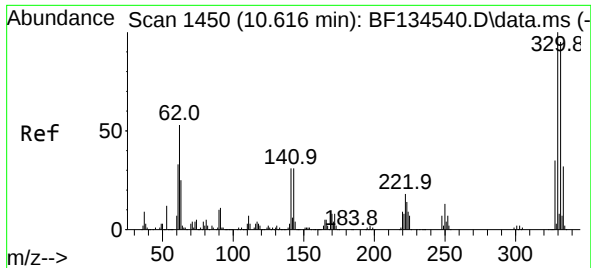
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

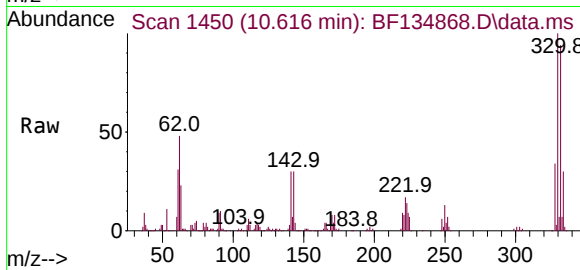
160 45.9 37.2 55.8



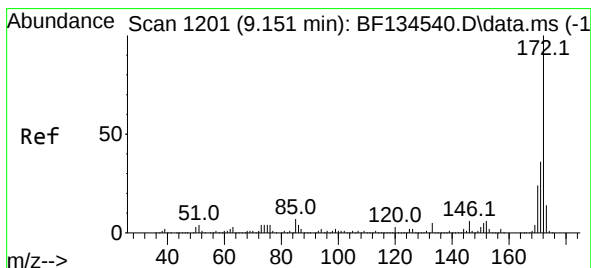
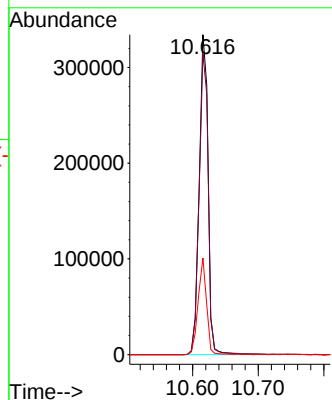
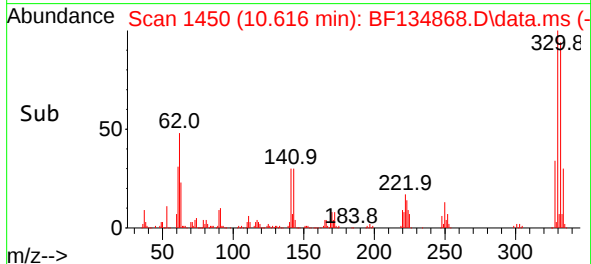


#42
 2,4,6-Tribromophenol
 Concen: 87.480 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

Instrument :
 BNA_F
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 B-PP17A

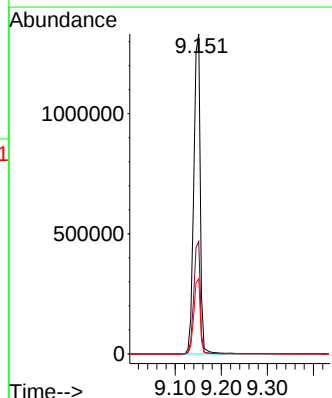
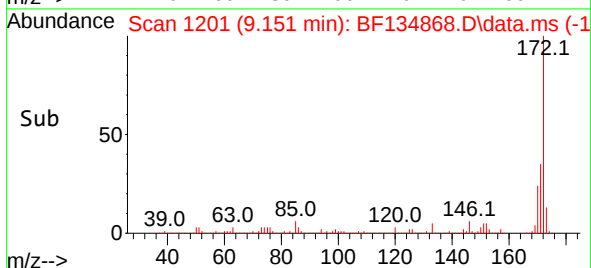
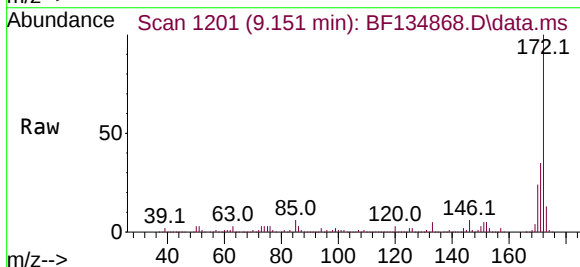


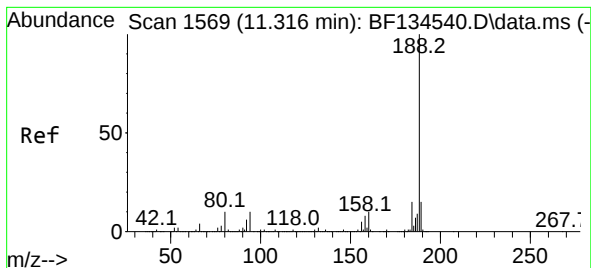
Tgt Ion:330 Resp: 314535
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.8 118.2
 141 28.8 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 61.617 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

Tgt Ion:172 Resp: 1307088
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.8 43.2
 170 23.5 18.7 28.1

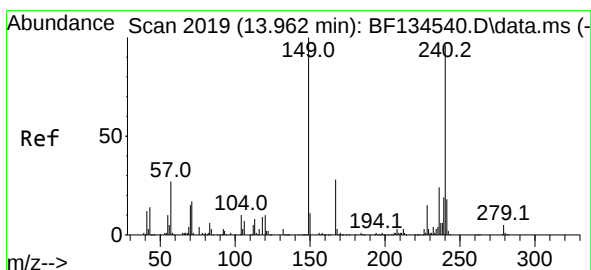
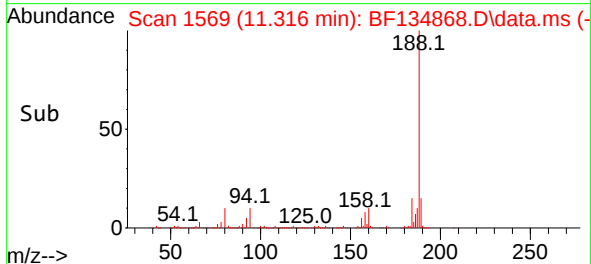
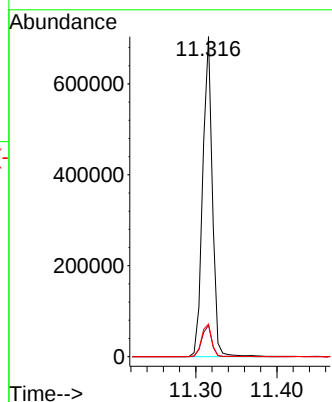
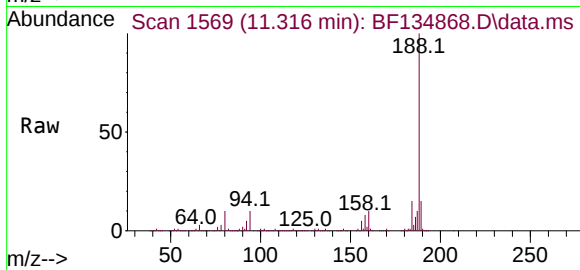




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

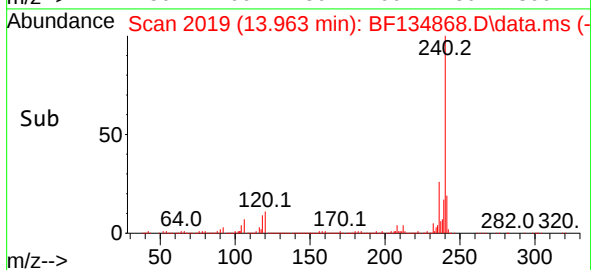
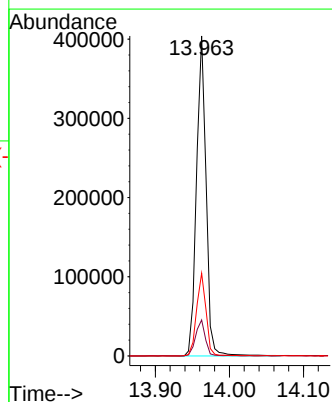
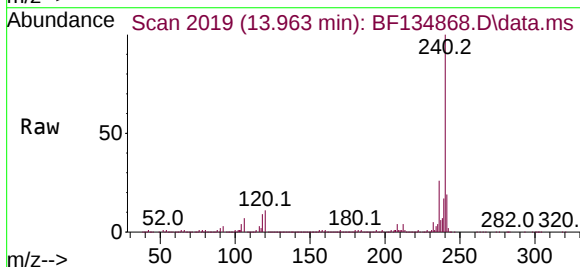
Instrument :
BNA_F
ClientSampleId :
B-PP17A

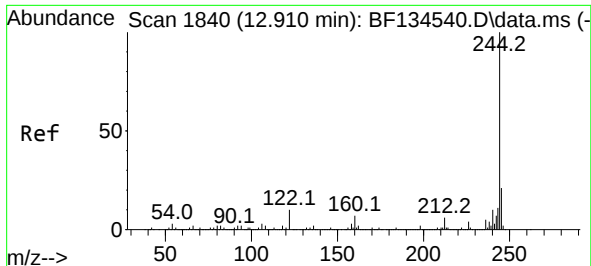
Tgt Ion:188 Resp: 578376
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.2 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:240 Resp: 366064
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.8 20.2 30.2

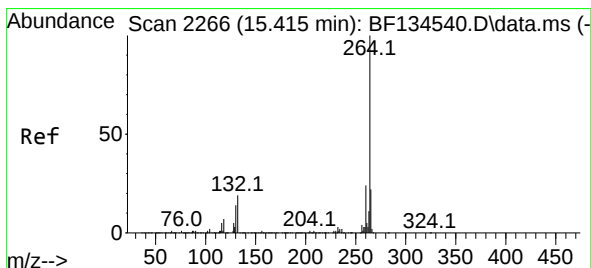
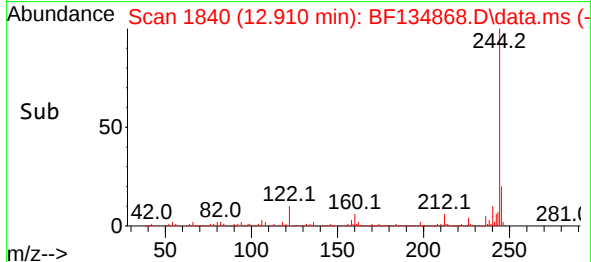
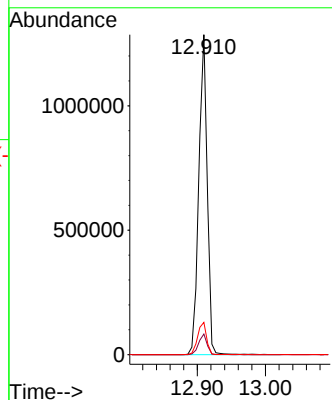
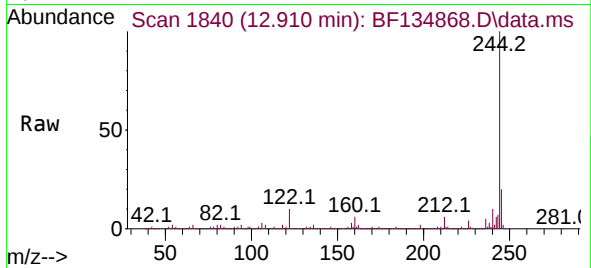




#79
 Terphenyl-d14
 Concen: 53.134 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

Instrument :
 BNA_F
 ClientSampleId :
 B-PP17A

Tgt Ion:244 Resp: 1103336
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.1 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: BF134868.D
 Acq: 21 Aug 2023 15:24

Tgt Ion:264 Resp: 346976
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.2 15.8 23.8

