

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134866.D
 Acq On : 21 Aug 2023 14:18
 Operator : CG\JU
 Sample : 04086-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP14A

Quant Time: Aug 21 14:37:18 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	174728	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	723569	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	380293	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	665037	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	382990	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	392870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	688251	59.877	ng	0.00
7) Phenol-d6	6.428	99	888117	60.443	ng	-0.01
23) Nitrobenzene-d5	7.351	82	549026	47.418	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	257776	66.493	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	941912	41.182	ng	-0.02
79) Terphenyl-d14	12.910	244	826309	38.034	ng	-0.01

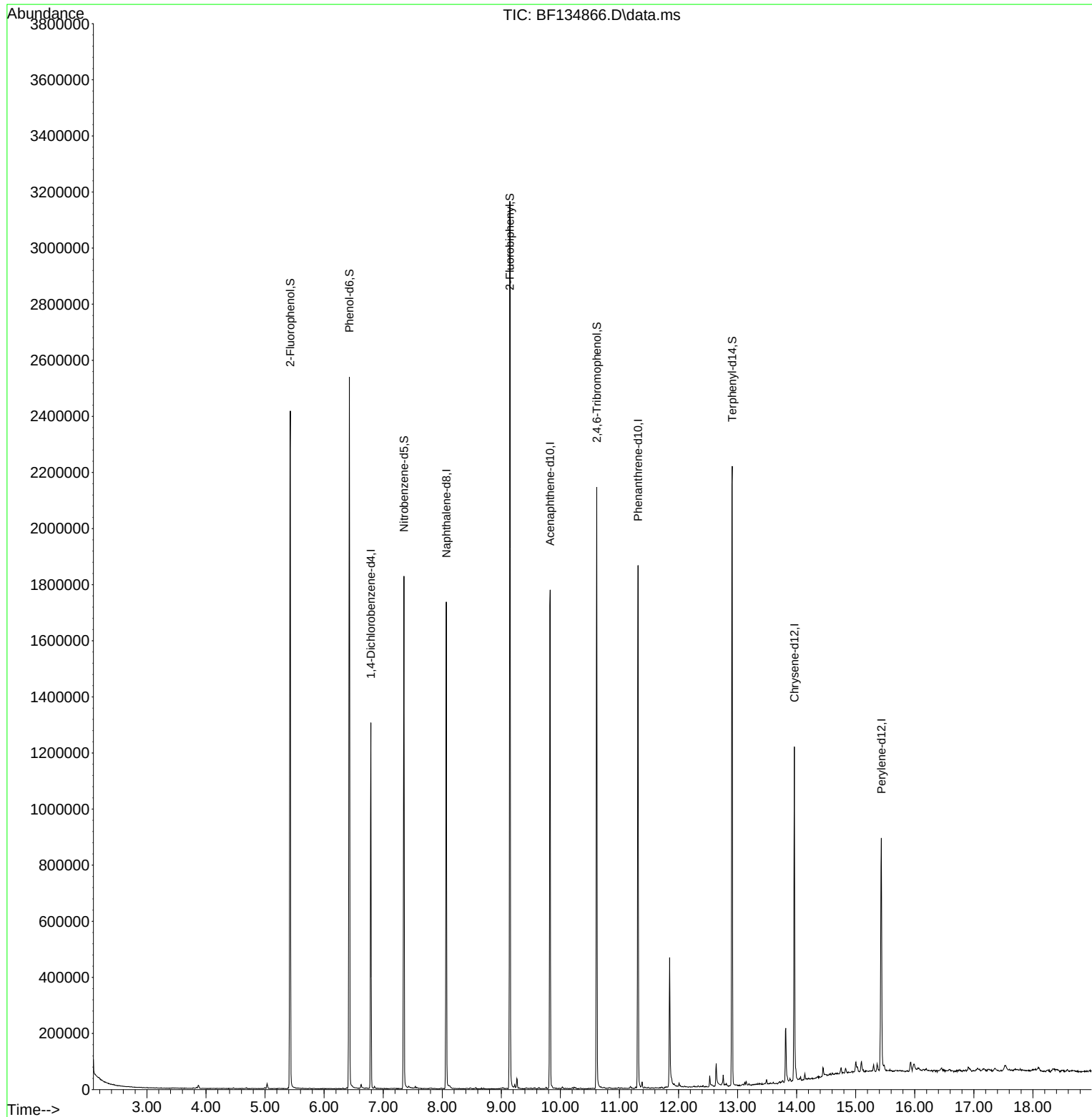
Target Compounds	Qvalue

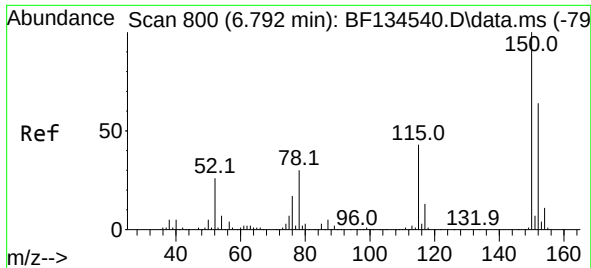
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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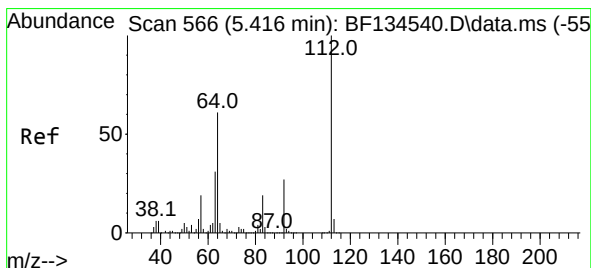
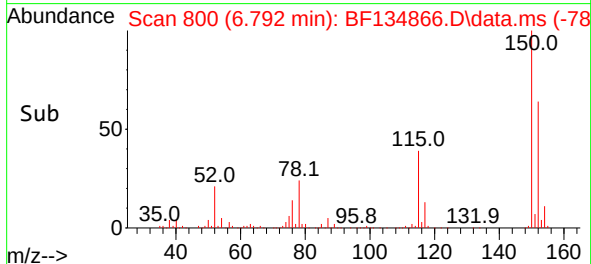
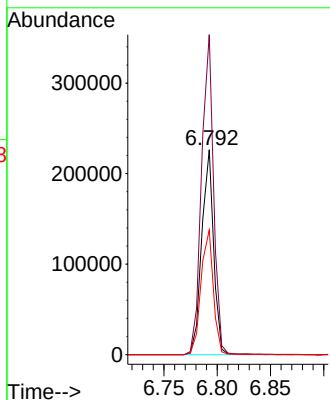
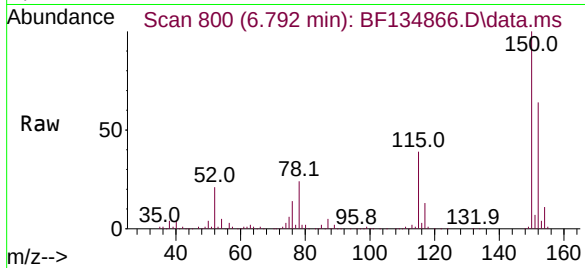




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF134866.D
 Acq: 21 Aug 2023 14:18

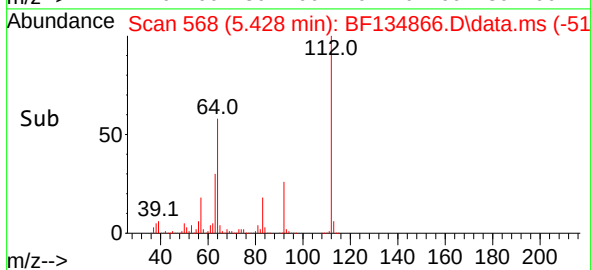
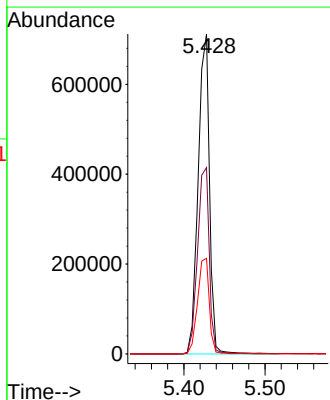
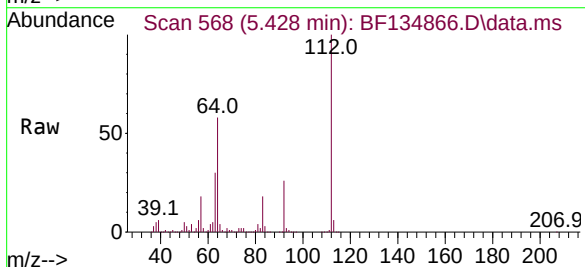
Instrument :
 BNA_F
 ClientSampleId :
 B-PP14A

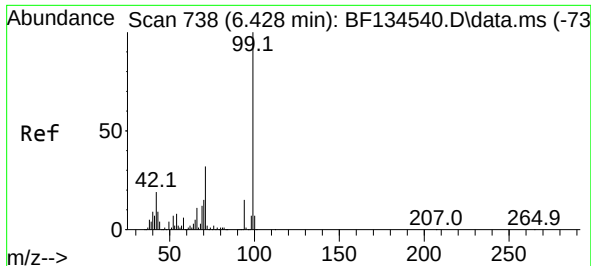
Tgt Ion:152 Resp: 174728
 Ion Ratio Lower Upper
 152 100
 150 156.2 128.3 192.5
 115 60.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 59.877 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134866.D
 Acq: 21 Aug 2023 14:18

Tgt Ion:112 Resp: 688251
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.9 67.3
 63 29.9 25.4 38.0

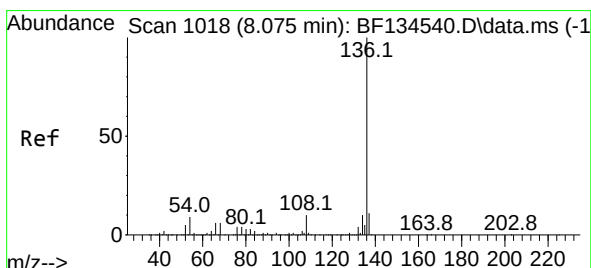
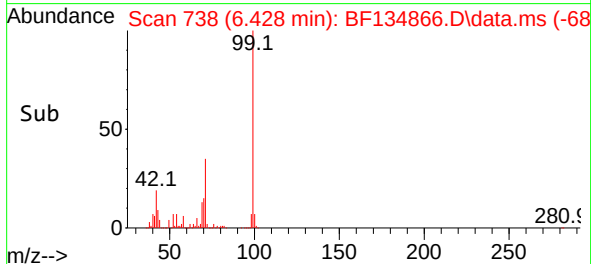
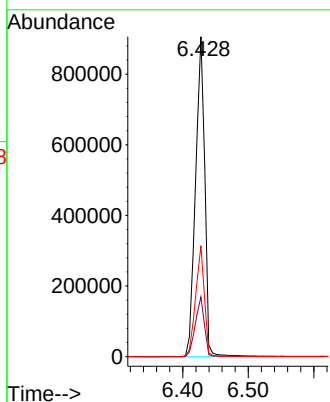
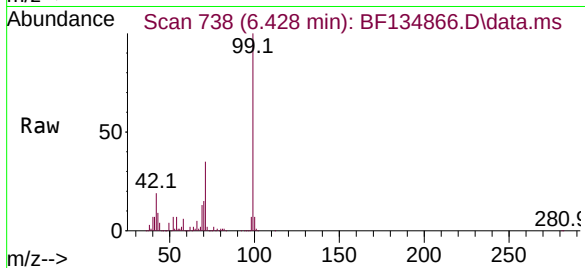




#7
Phenol-d6
Concen: 60.443 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

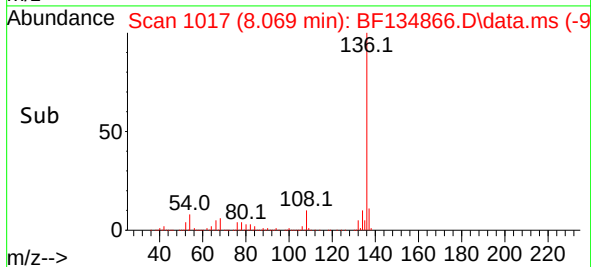
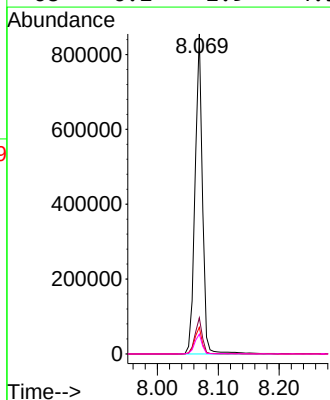
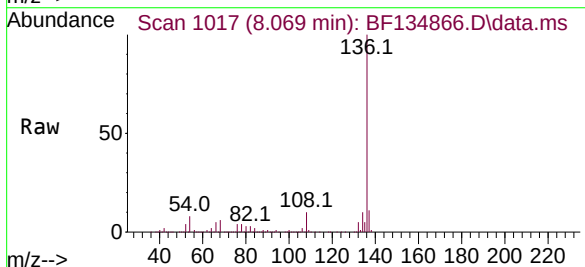
Instrument :
BNA_F
ClientSampleId :
B-PP14A

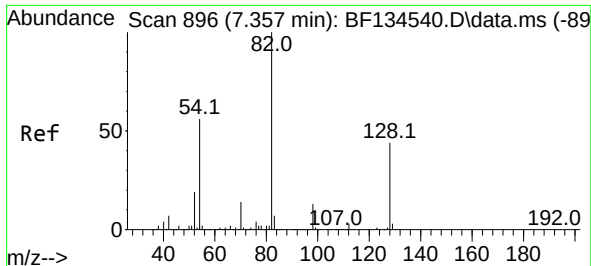
Tgt Ion: 99 Resp: 888117
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 34.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

Tgt Ion: 136 Resp: 723569
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.3 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 47.418 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134866.D

Acq: 21 Aug 2023 14:18

Instrument :

BNA_F

ClientSampleId :

B-PP14A

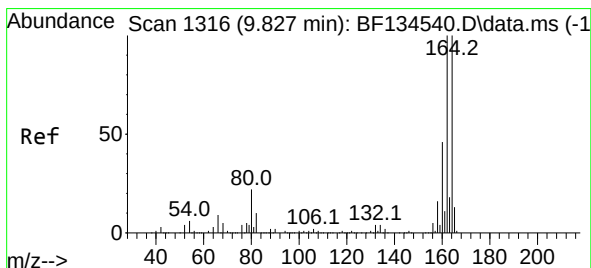
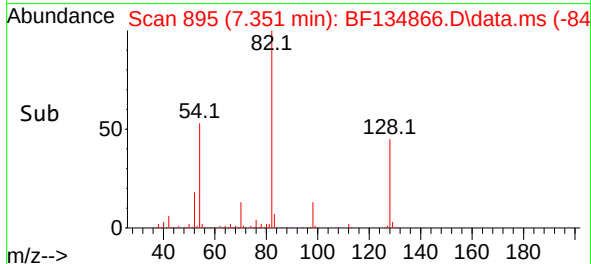
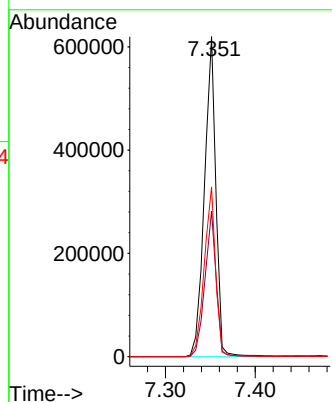
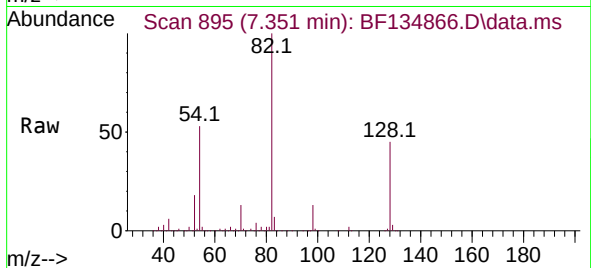
Tgt Ion: 82 Resp: 549026

Ion Ratio Lower Upper

82 100

128 45.5 34.3 51.5

54 53.0 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: BF134866.D

Acq: 21 Aug 2023 14:18

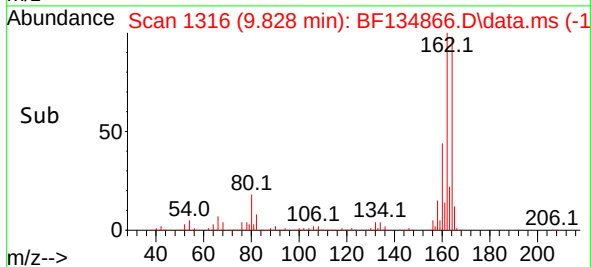
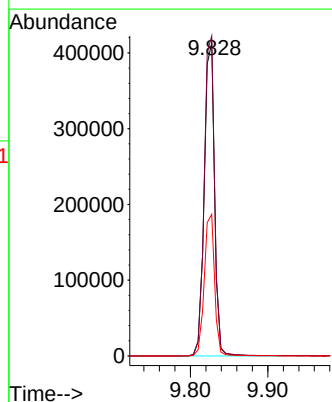
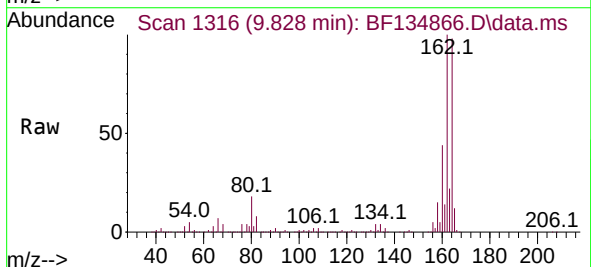
Tgt Ion: 164 Resp: 380293

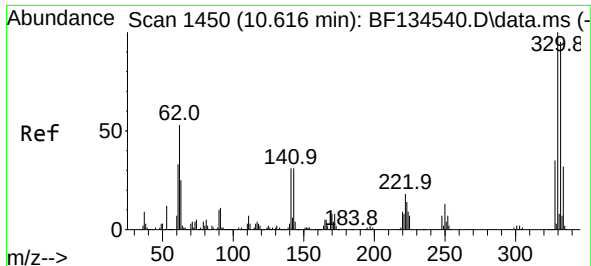
Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

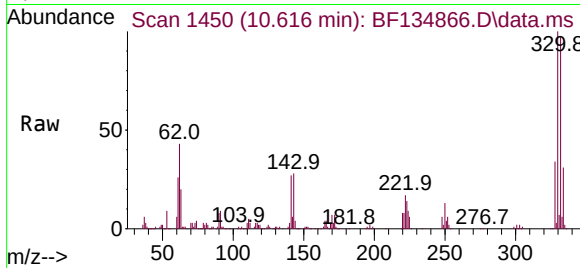
160 45.2 37.2 55.8



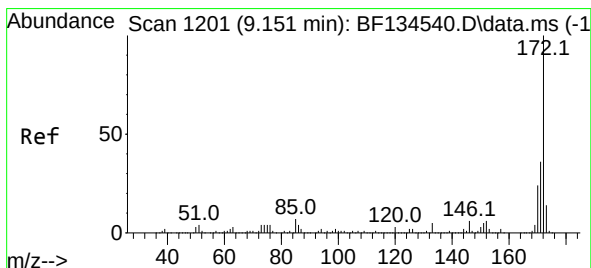
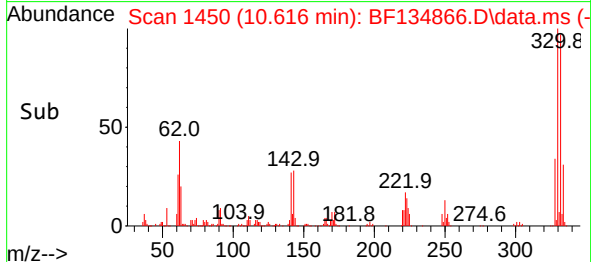
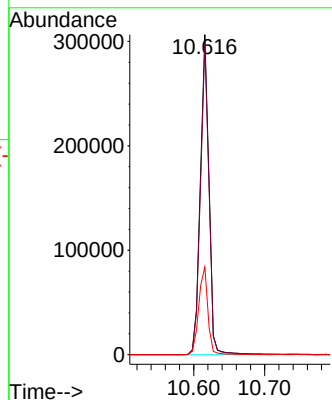


#42
2,4,6-Tribromophenol
Concen: 66.493 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

Instrument :
BNA_F
ClientSampleId :
B-PP14A

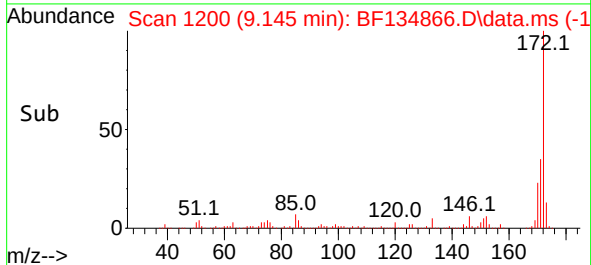
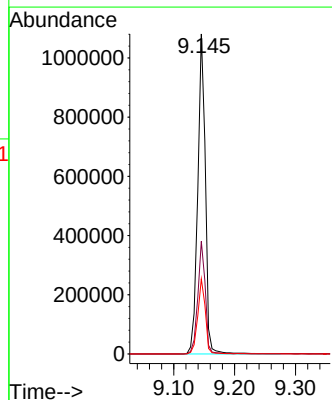
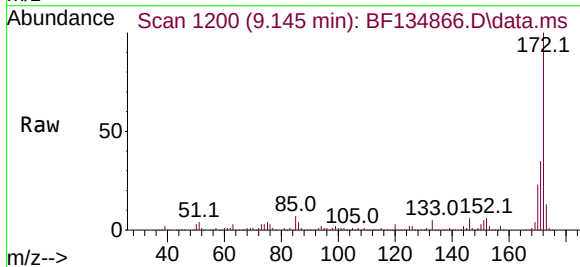


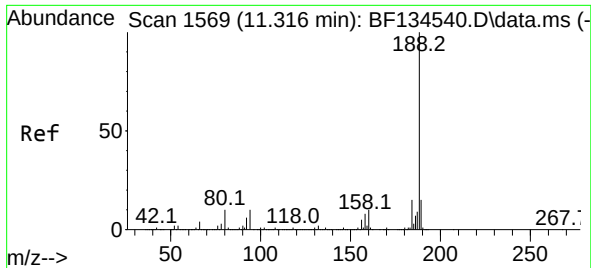
Tgt Ion: 330 Resp: 257776
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 28.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 41.182 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

Tgt Ion: 172 Resp: 941912
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.4 18.7 28.1

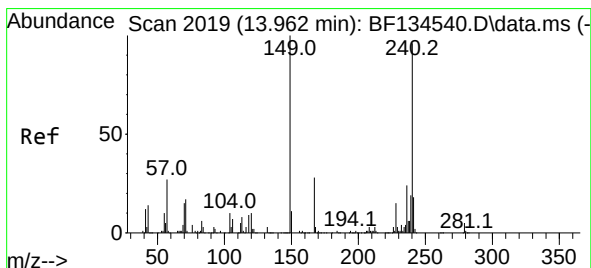
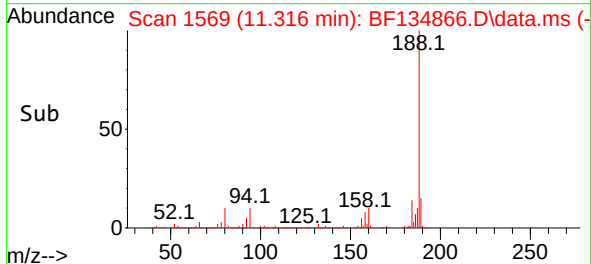
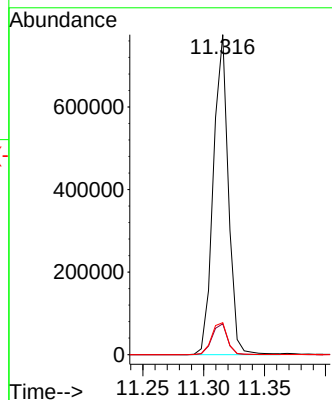
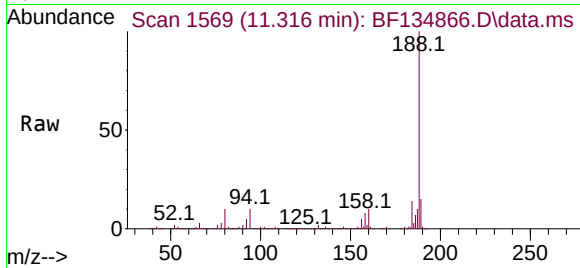




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

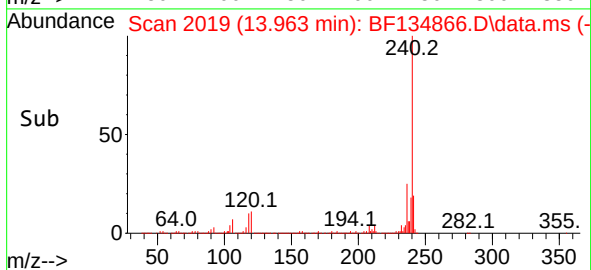
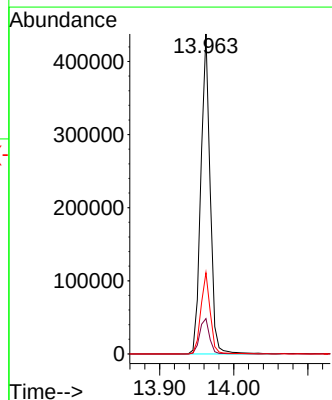
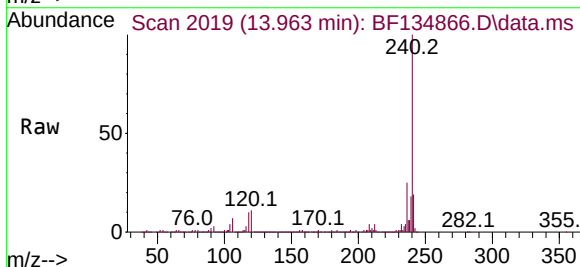
Instrument :
BNA_F
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B-PP14A

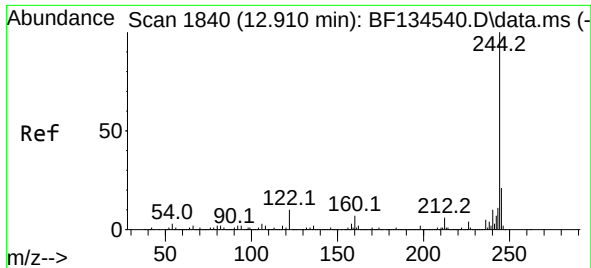
Tgt Ion:188 Resp: 665037
Ion Ratio Lower Upper
188 100
94 9.6 5.1 7.7#
80 10.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134866.D
Acq: 21 Aug 2023 14:18

Tgt Ion:240 Resp: 382990
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 25.4 20.2 30.2

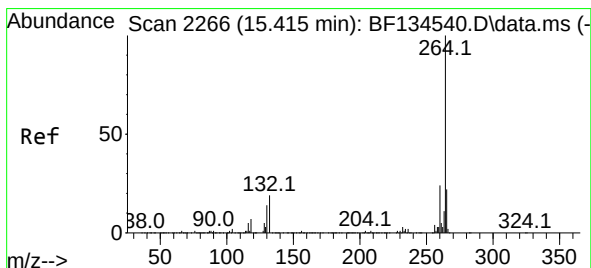
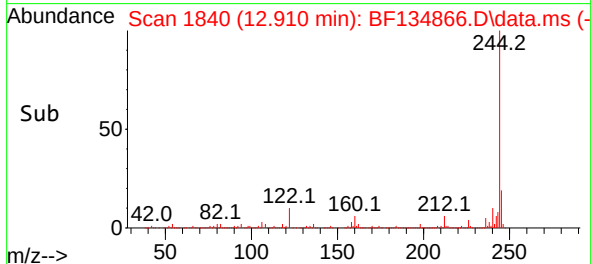
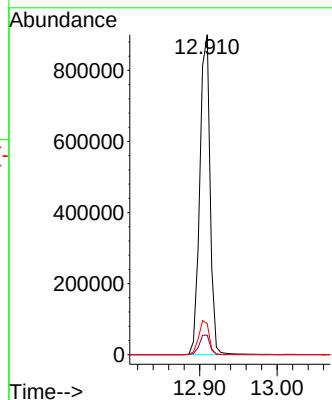
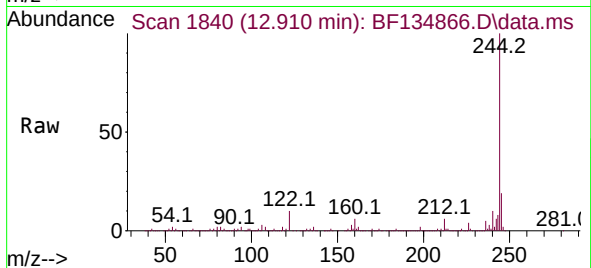




#79
 Terphenyl-d14
 Concen: 38.034 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134866.D
 Acq: 21 Aug 2023 14:18

Instrument :
 BNA_F
 ClientSampleId :
 B-PP14A

Tgt Ion:244 Resp: 826309
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 9.7 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: BF134866.D
 Acq: 21 Aug 2023 14:18

Tgt Ion:264 Resp: 392870
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.5 15.8 23.8

