

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134548.D
 Acq On : 01 Aug 2023 15:00
 Operator : CG\JU
 Sample : PB154429BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154429BL

Quant Time: Aug 02 02:43:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	230965	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	930435	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	478094	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	899174	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	698594	20.000	ng	#-0.01
86) Perylene-d12	15.416	264	653974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1743875	114.773	ng	0.02
7) Phenol-d6	6.422	99	2223838	114.497	ng	0.00
23) Nitrobenzene-d5	7.351	82	1359599	91.318	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	611055	125.378	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2323266	80.797	ng	0.00
79) Terphenyl-d14	12.910	244	2838920	71.639	ng	0.00

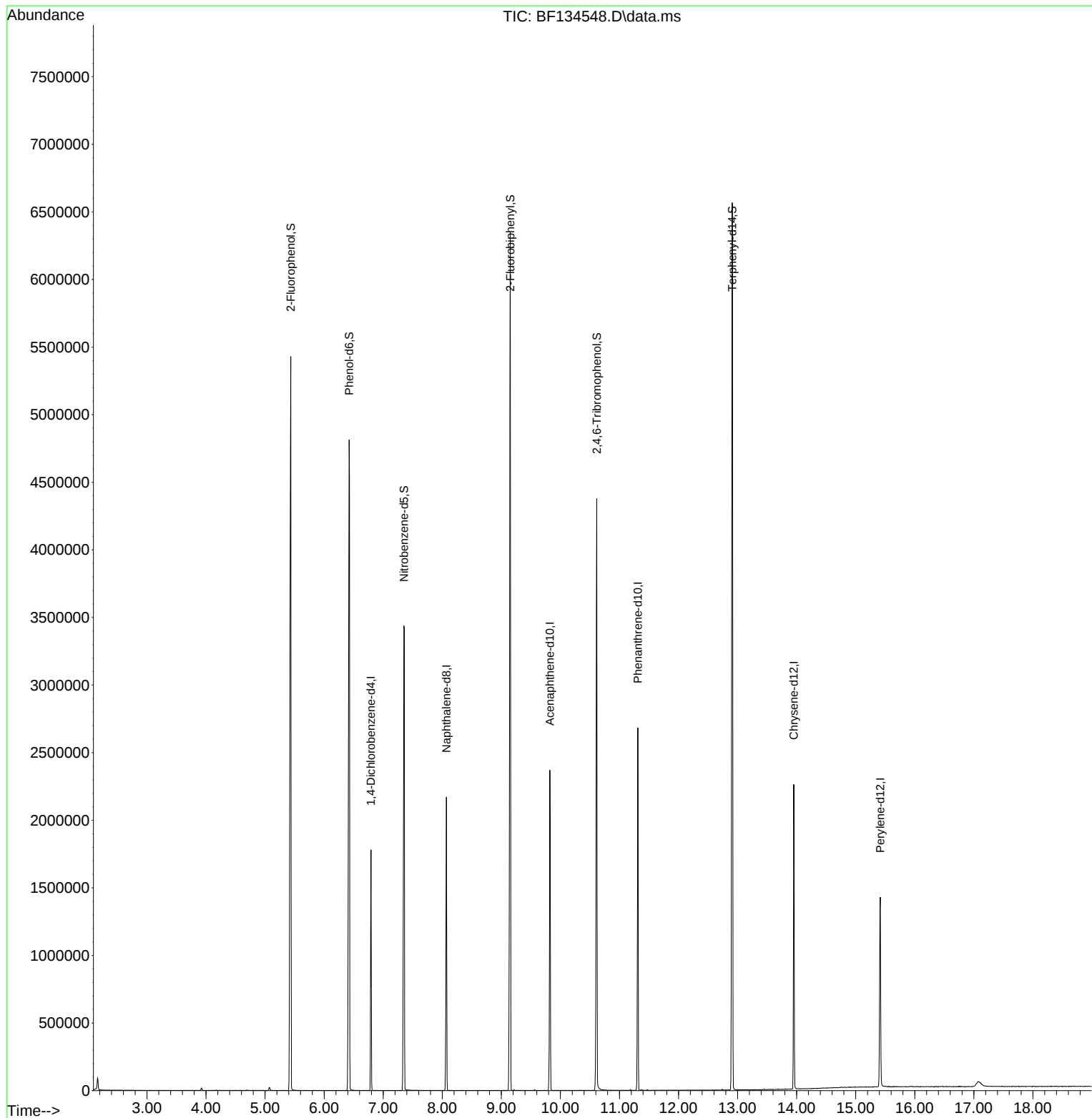
Target Compounds	Qvalue

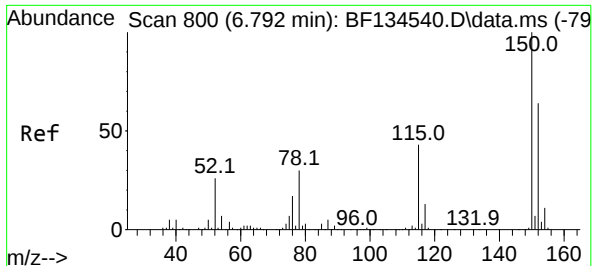
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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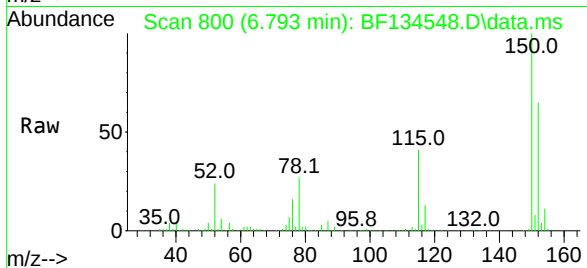
Quant Time: Aug 02 02:43:37 2023
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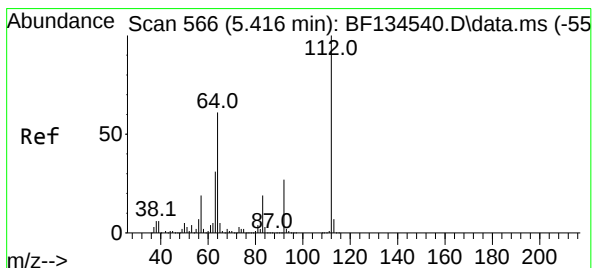
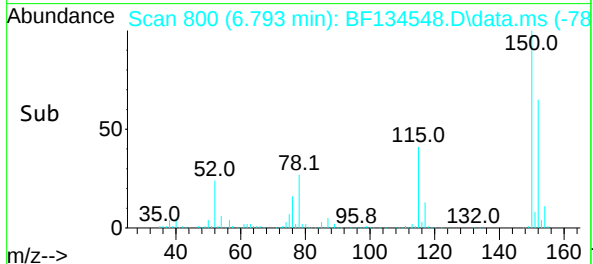
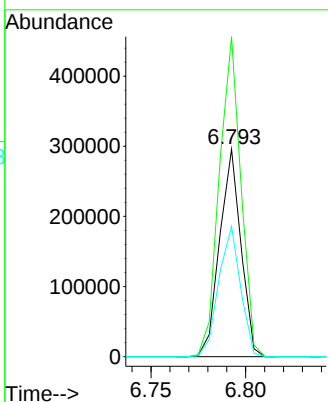


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Instrument :
BNA_F
ClientSampleId :
PB154429BL

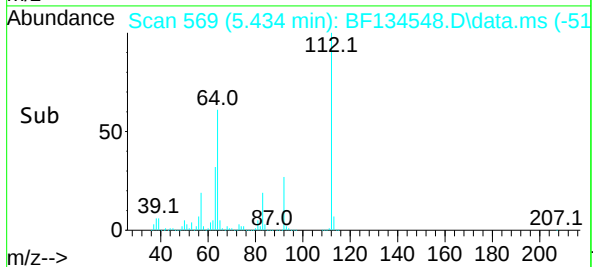
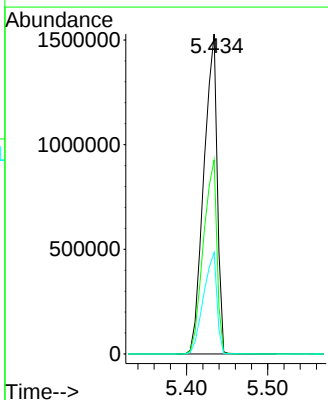
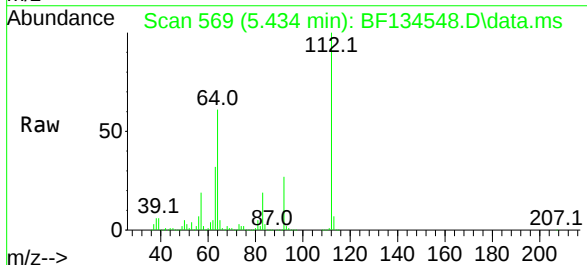


Tgt Ion:152 Resp: 230965
Ion Ratio Lower Upper
152 100
150 154.2 128.3 192.5
115 62.8 52.4 78.6



#5
2-Fluorophenol
Concen: 114.773 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion:112 Resp: 1743875
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.7 25.4 38.0

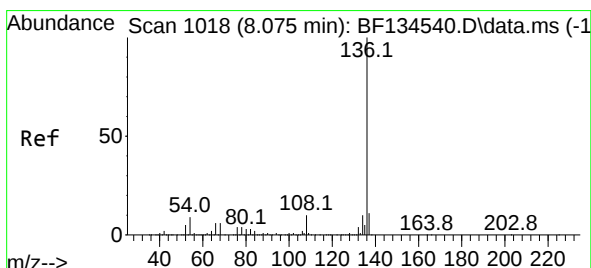
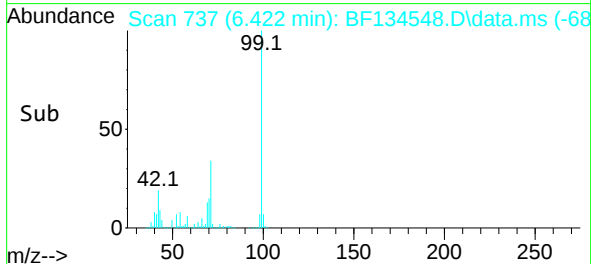
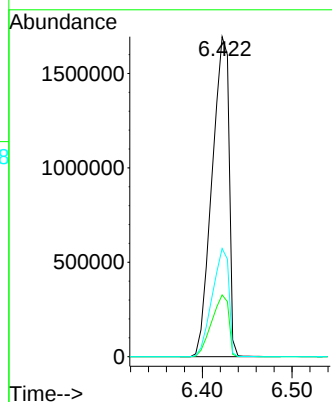
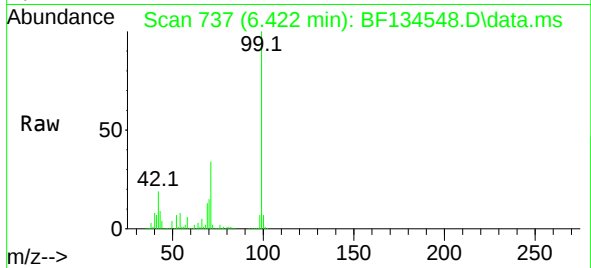




#7
Phenol-d6
Concen: 114.497 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

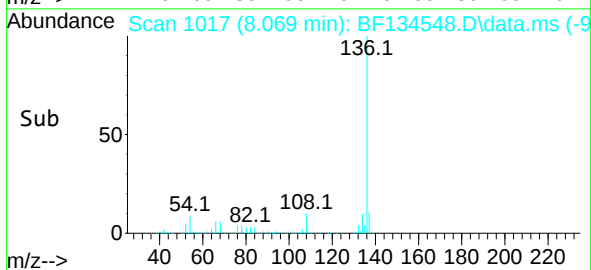
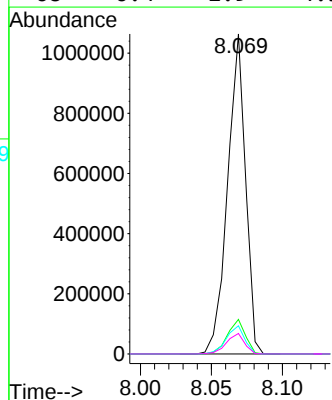
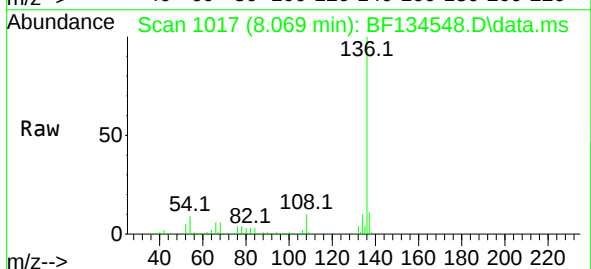
Instrument :
BNA_F
ClientSampleId :
PB154429BL

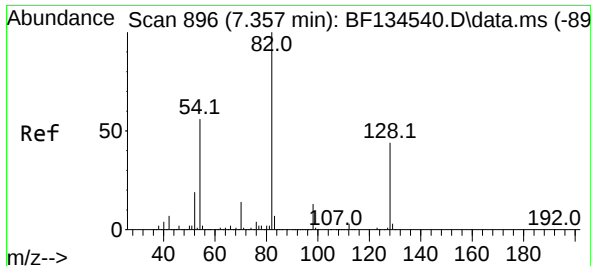
Tgt Ion: 99 Resp: 2223838
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion:136 Resp: 930435
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 91.318 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

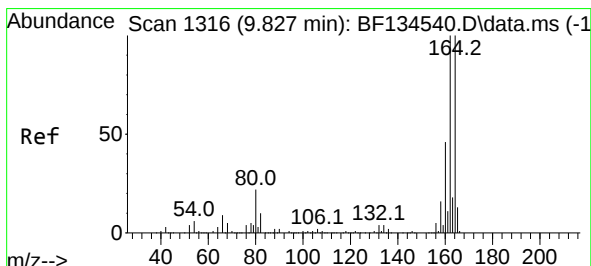
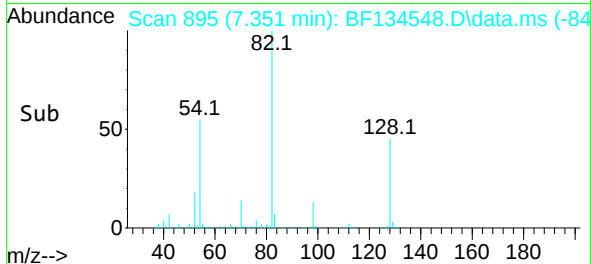
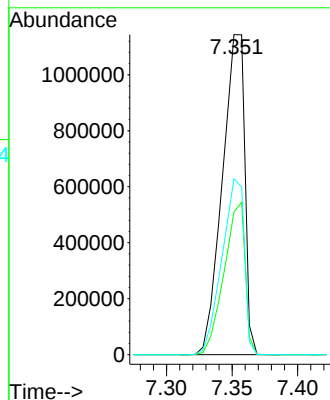
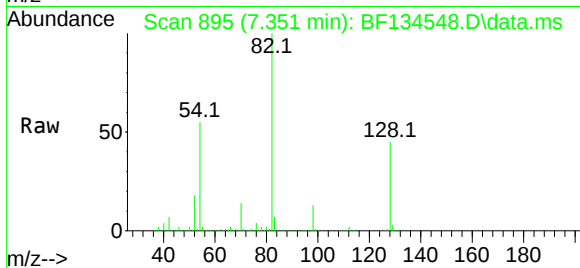
BNA_F

ClientSampleId :

PB154429BL

Tgt Ion: 82 Resp: 1359599

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.3	51.5
54	55.0	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

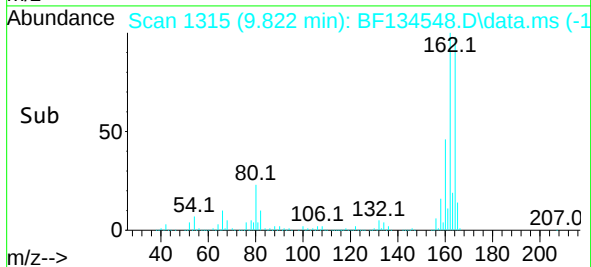
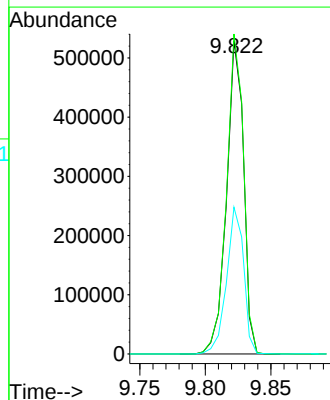
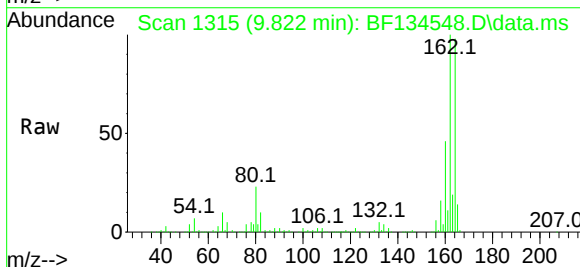
Delta R.T. -0.006 min

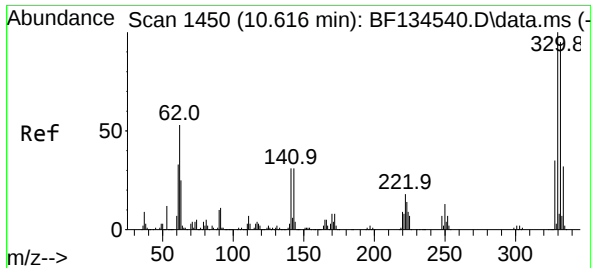
Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Tgt Ion:164 Resp: 478094

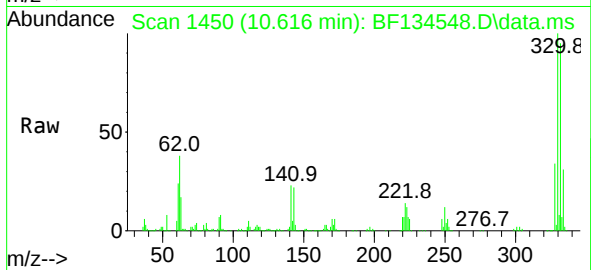
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.9	37.2	55.8



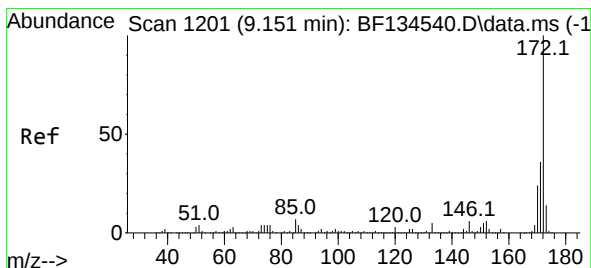
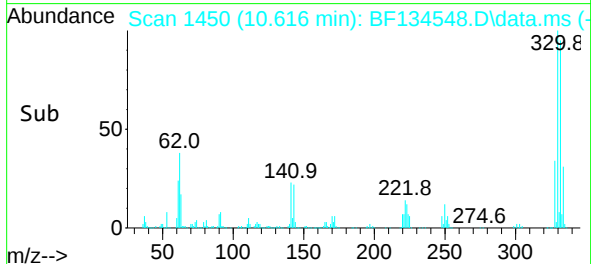
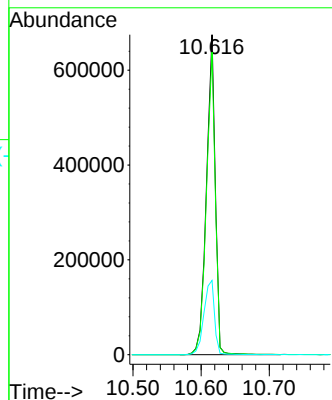


#42
2,4,6-Tribromophenol
Concen: 125.378 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Instrument :
BNA_F
ClientSampleId :
PB154429BL

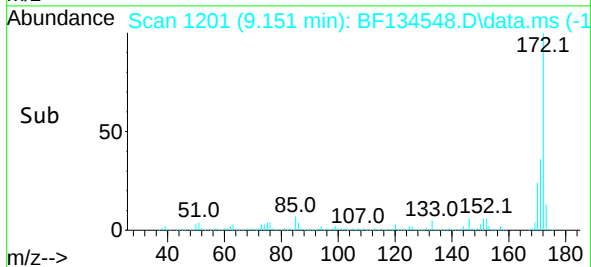
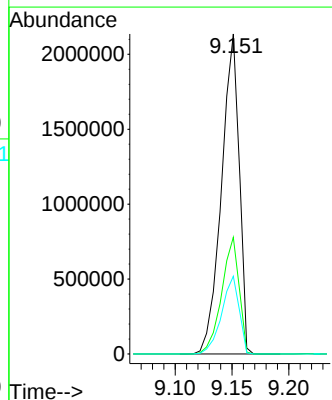
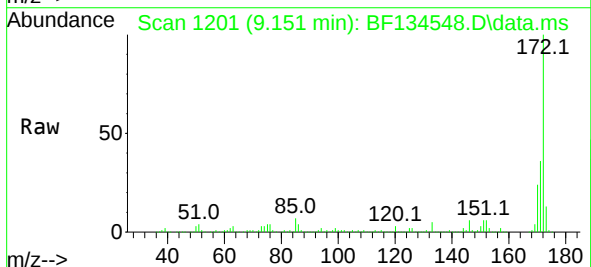


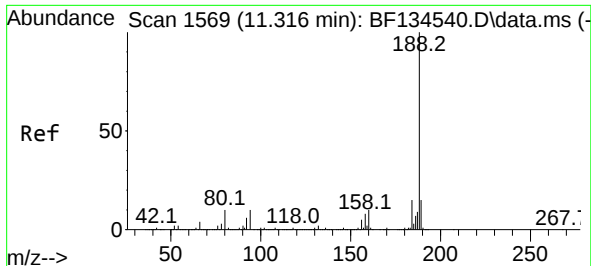
Tgt Ion:330 Resp: 611055
Ion Ratio Lower Upper
330 100
332 95.3 78.8 118.2
141 27.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 80.797 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion:172 Resp: 2323266
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.3 18.7 28.1

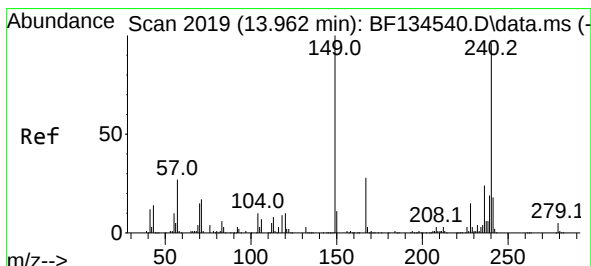
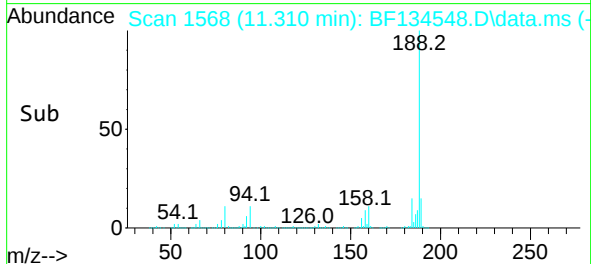
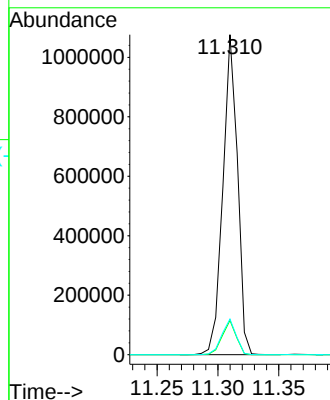
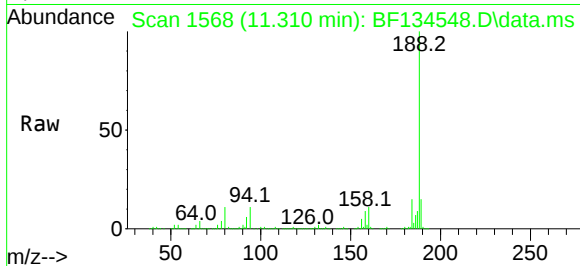




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

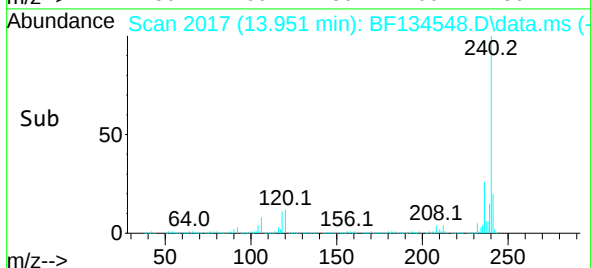
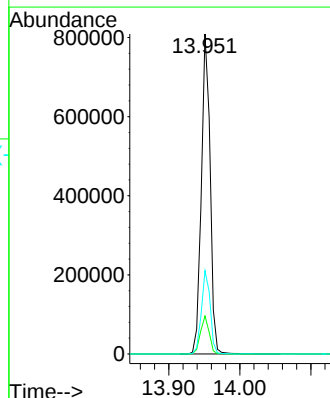
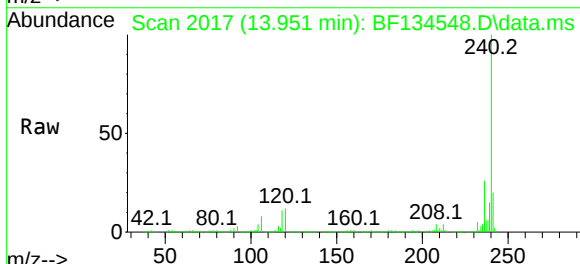
Instrument :
BNA_F
ClientSampleId :
PB154429BL

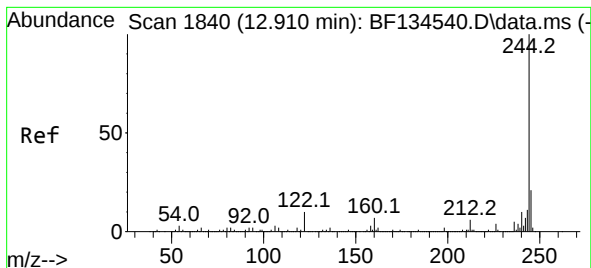
Tgt Ion:188 Resp: 899174
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.2 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion:240 Resp: 698594
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 71.639 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134548.D

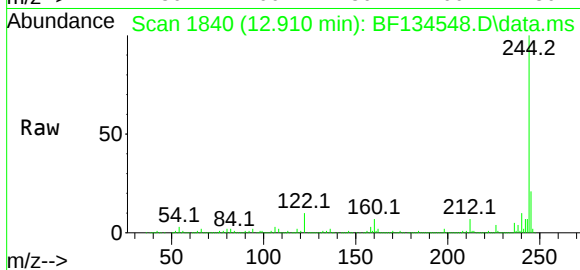
Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL



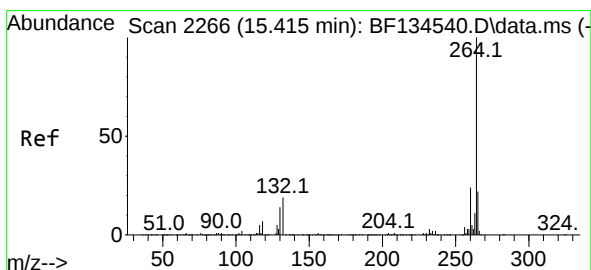
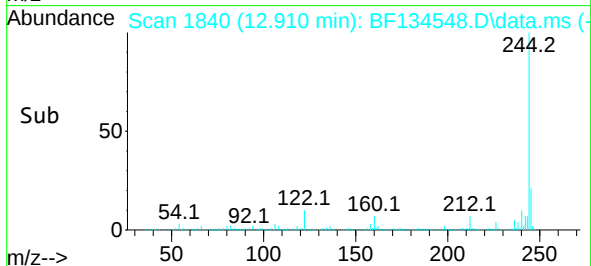
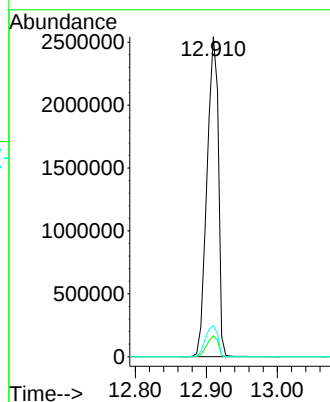
Tgt Ion:244 Resp: 2838920

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Tgt Ion:264 Resp: 653974

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 20.9 15.8 23.8

