

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134340.D
 Acq On : 18 Jul 2023 16:18
 Operator : CG\JU
 Sample : 03597-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-47-(2-5)

Quant Time: Jul 18 18:02:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

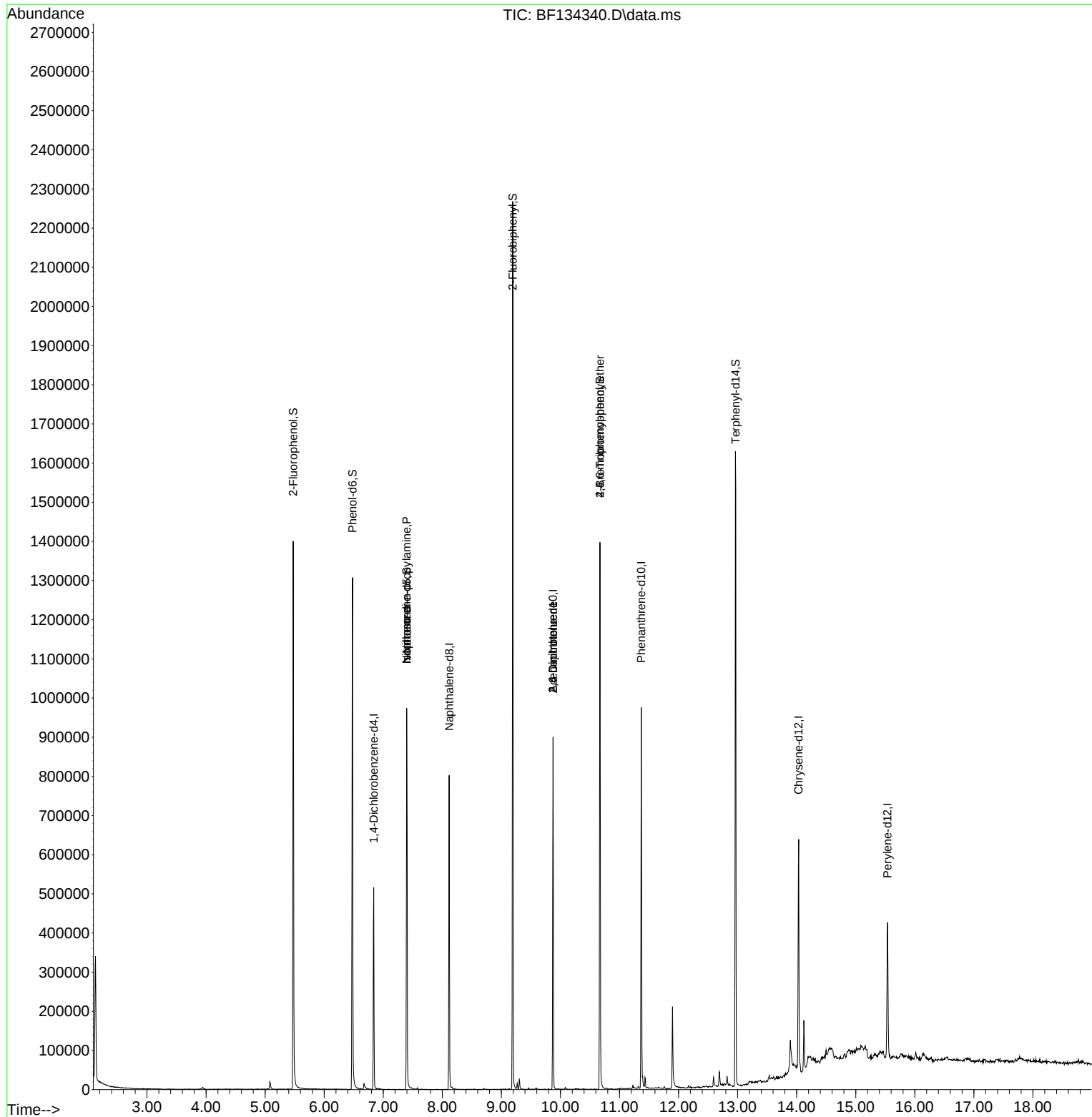
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	74700	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	307014	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	163768	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	333545	20.000	ng	0.00
76) Chrysene-d12	14.033	240	199013	20.000	ng	0.00
86) Perylene-d12	15.539	264	168989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	353607	79.184	ng	0.00
7) Phenol-d6	6.481	99	391196	71.232	ng	0.00
23) Nitrobenzene-d5	7.398	82	279334	49.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	166867	81.267	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	591088	52.475	ng	-0.01
79) Terphenyl-d14	12.969	244	588456	47.588	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	712	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	38924	11.176	ng	# 74
25) Isophorone	7.398	82	279331	26.986	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	20753	8.105	ng	# 23
57) 2,4-Dinitrotoluene	9.875	165	20753	6.137	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	10015	2.825	ng	# 1

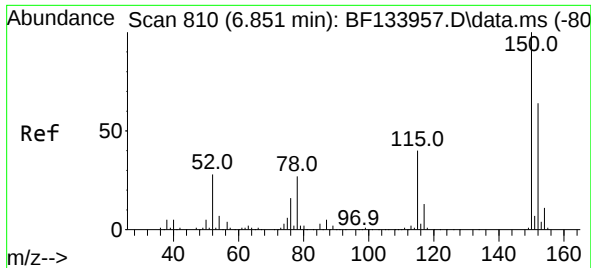
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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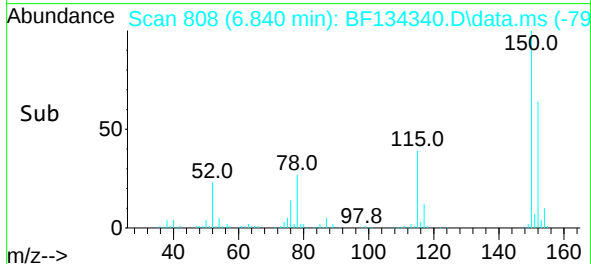
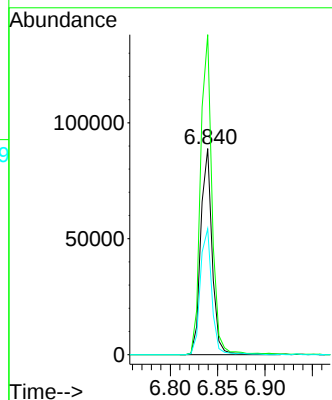
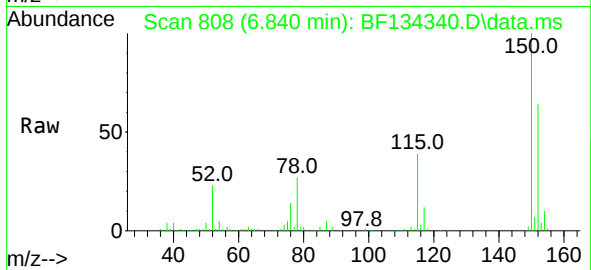




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

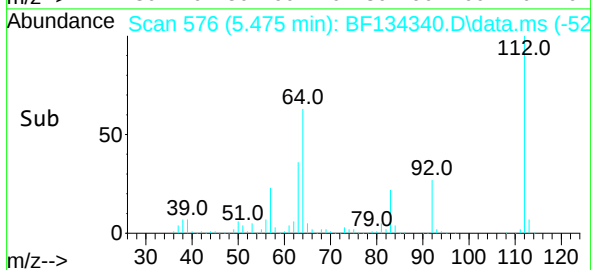
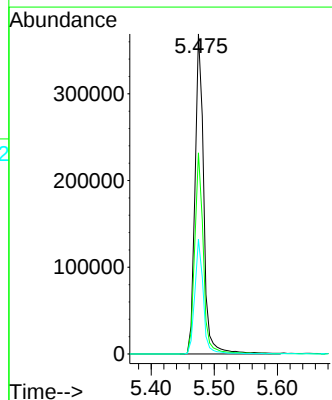
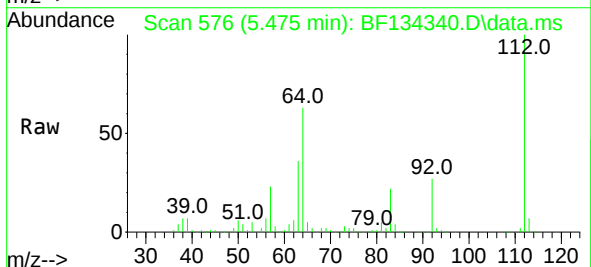
Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

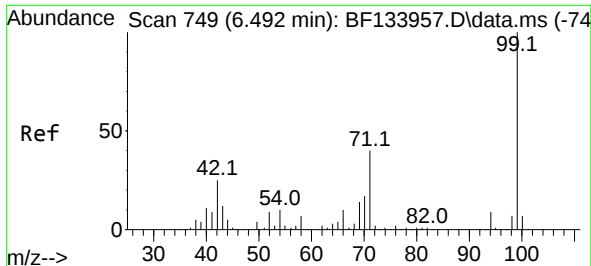
Tgt Ion:152 Resp: 74700
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 61.1 50.2 75.2



#5
2-Fluorophenol
Concen: 79.184 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion:112 Resp: 353607
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 35.8 28.6 42.8

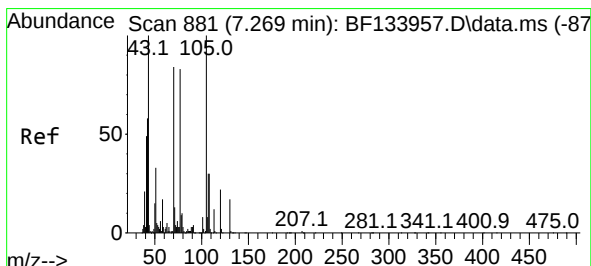
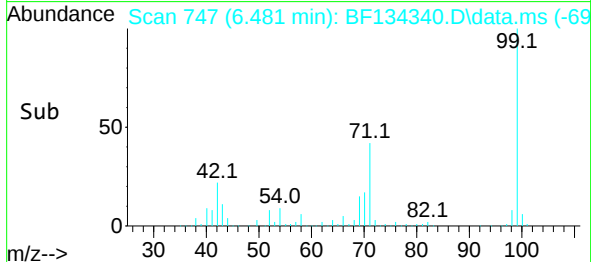
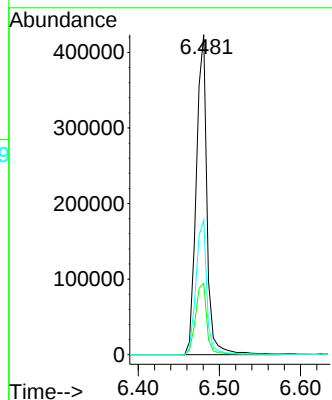
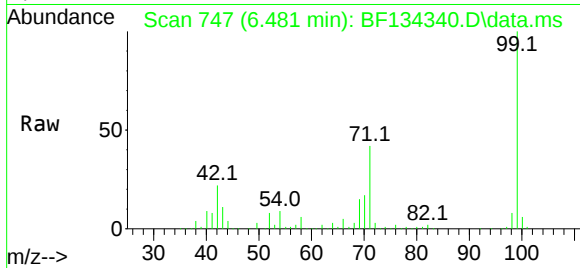




#7
Phenol-d6
Concen: 71.232 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

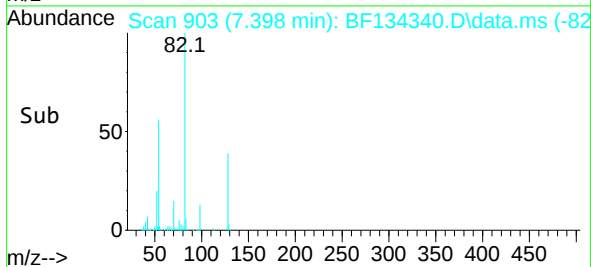
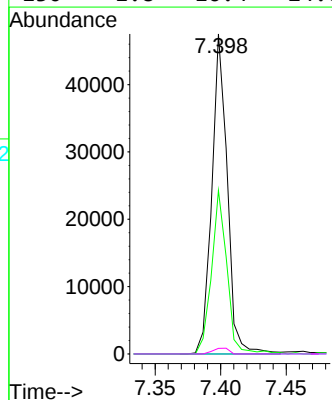
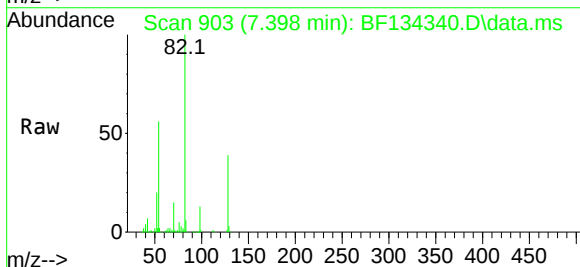
Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

Tgt Ion: 99 Resp: 391196
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.6
71 42.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.176 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion: 70 Resp: 38924
Ion Ratio Lower Upper
70 100
42 51.1 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



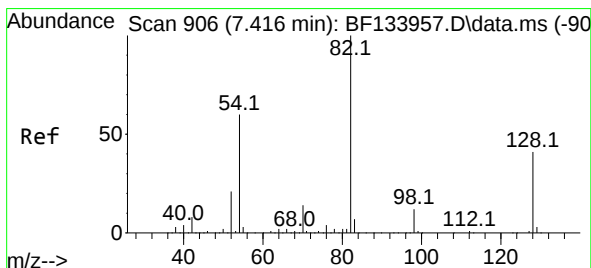
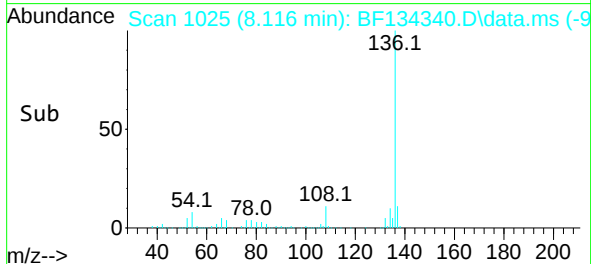
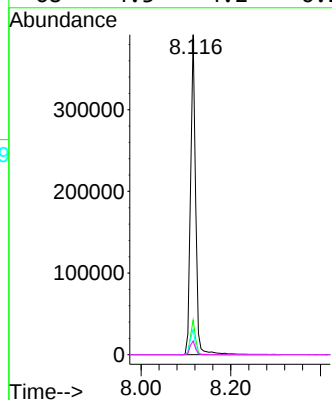
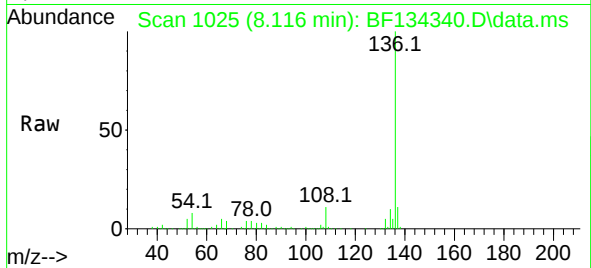


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

Tgt Ion:136 Resp: 307014

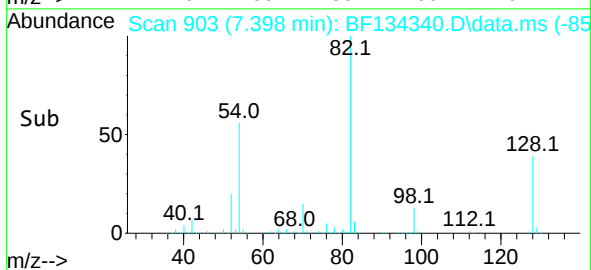
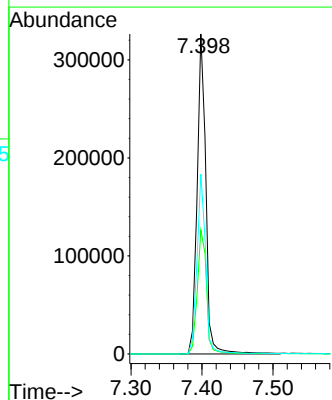
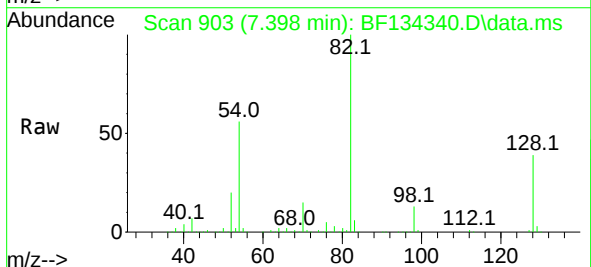
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.9	6.5	9.7
68	4.3	4.2	6.2

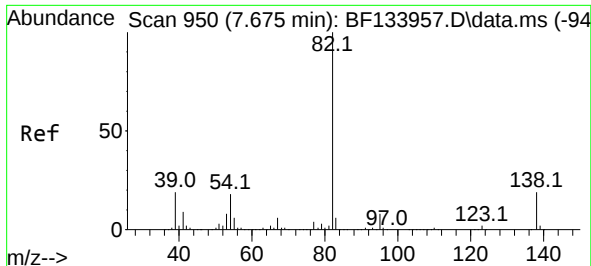


#23
Nitrobenzene-d5
Concen: 49.045 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion: 82 Resp: 279334

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.5	48.7
54	56.2	48.2	72.2

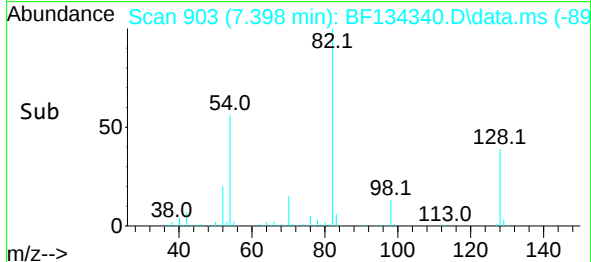
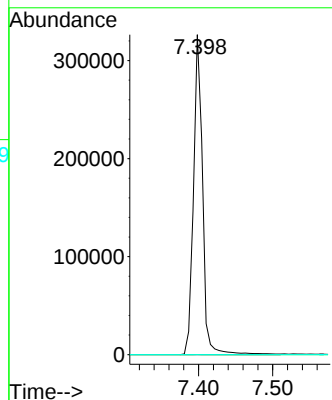
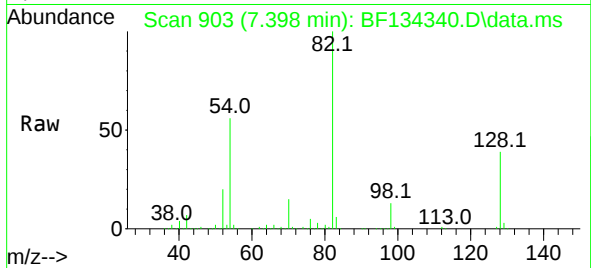




#25
Isophorone
Concen: 26.986 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

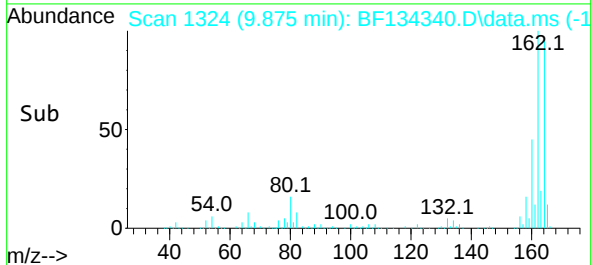
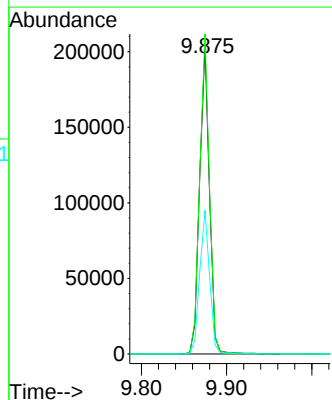
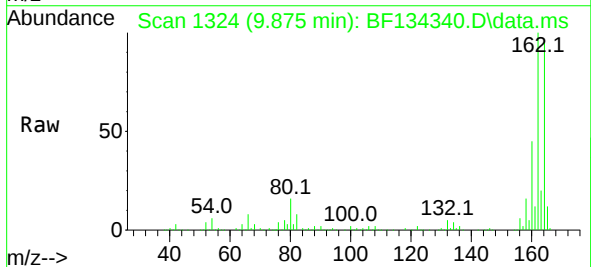
Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

Tgt Ion: 82 Resp: 279331
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion:164 Resp: 163768
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 81.267 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF134340.D

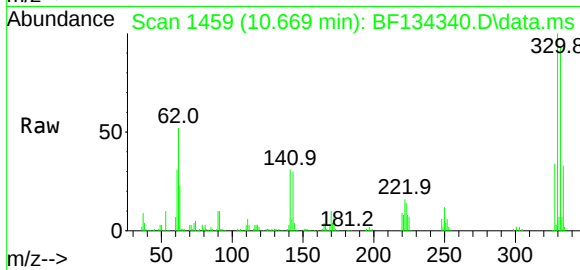
Acq: 18 Jul 2023 16:18

Instrument :

BNA_F

ClientSampleId :

RB-47-(2-5)



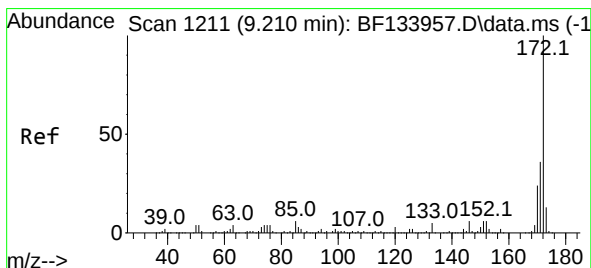
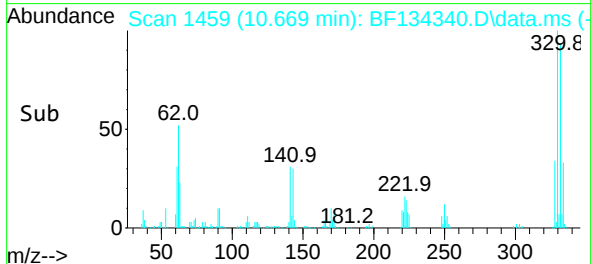
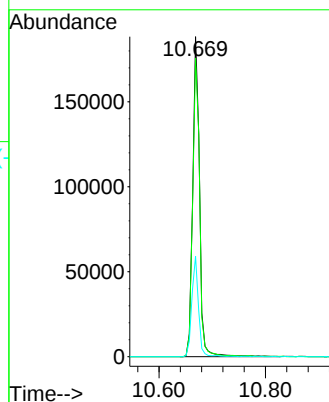
Tgt Ion:330 Resp: 166867

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 30.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 52.475 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

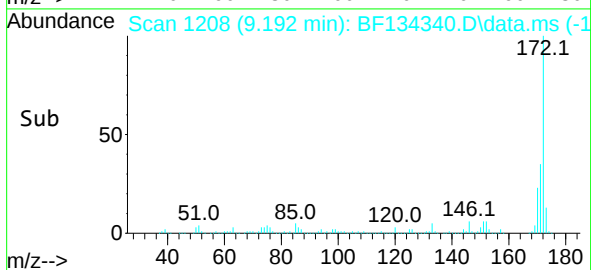
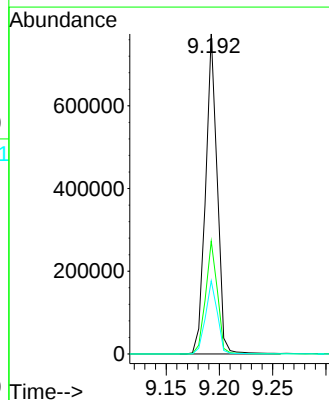
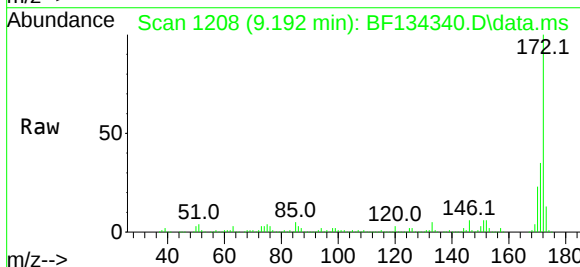
Tgt Ion:172 Resp: 591088

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 22.9 19.4 29.0

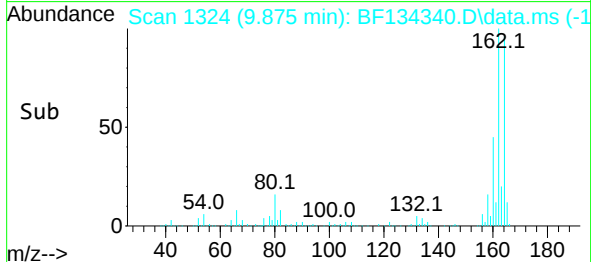
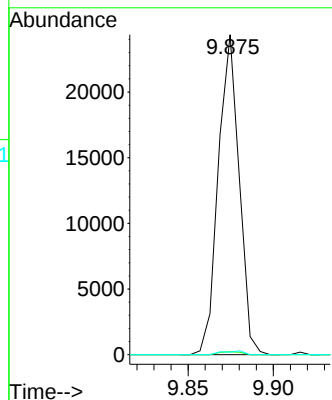
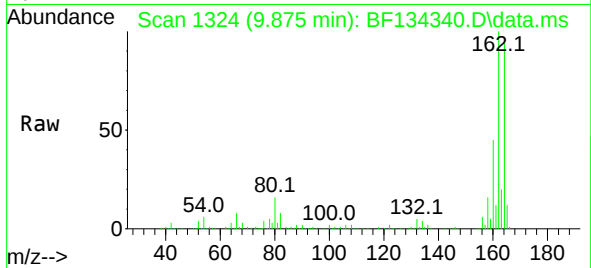




#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

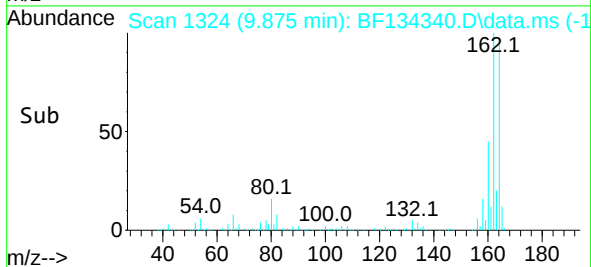
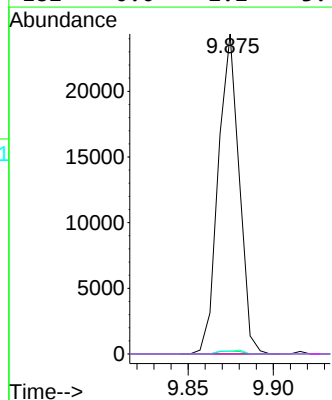
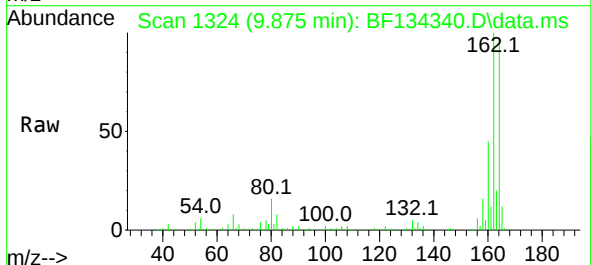
Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

Tgt Ion:165 Resp: 20753
Ion Ratio Lower Upper
165 100
63 0.9 48.5 72.7#
89 0.8 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.137 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion:165 Resp: 20753
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 0.8 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

Instrument :

BNA_F

ClientSampleId :

RB-47-(2-5)

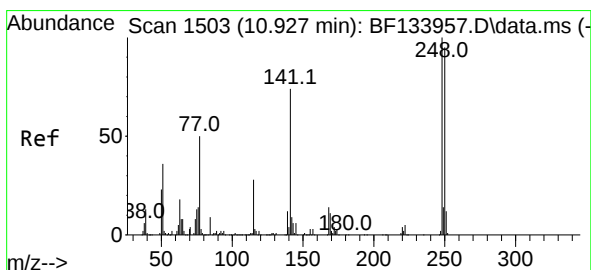
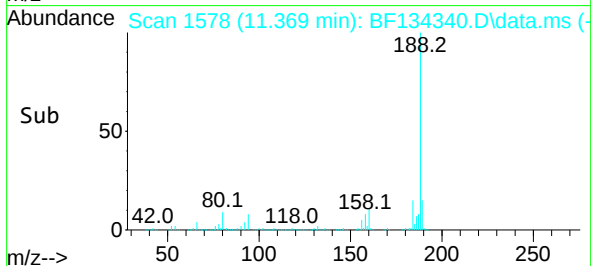
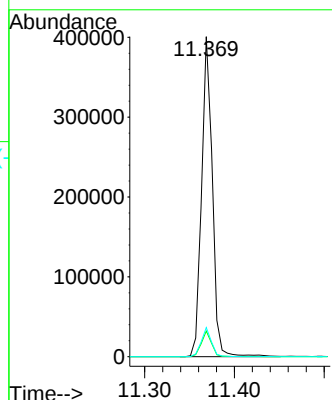
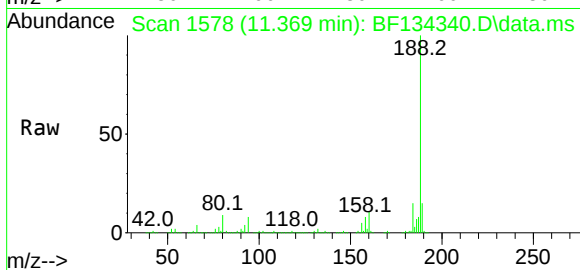
Tgt Ion:188 Resp: 333545

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.825 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

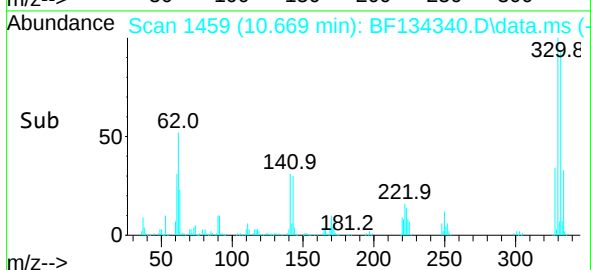
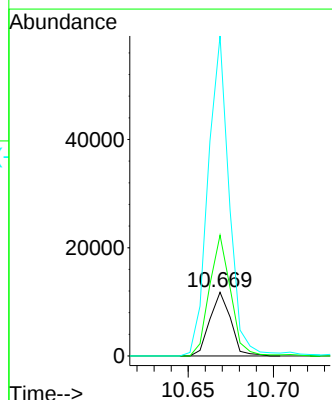
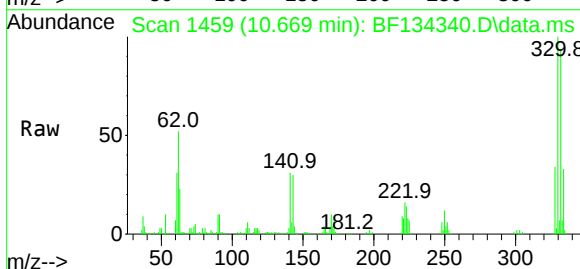
Tgt Ion:248 Resp: 10015

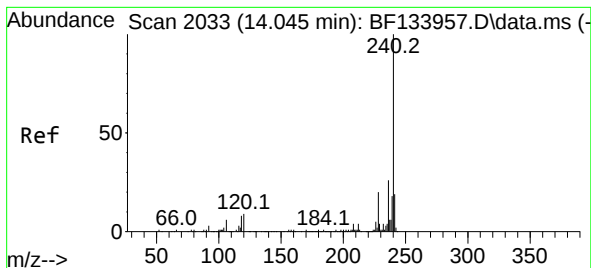
Ion Ratio Lower Upper

248 100

250 189.5 76.2 114.4#

141 501.9 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

Instrument :

BNA_F

ClientSampleId :

RB-47-(2-5)

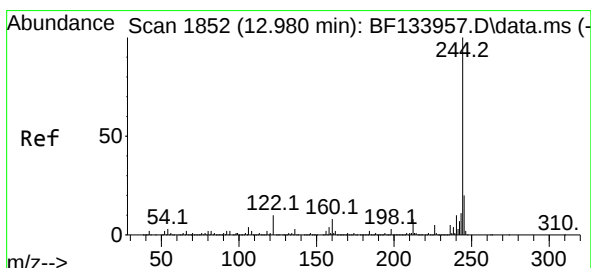
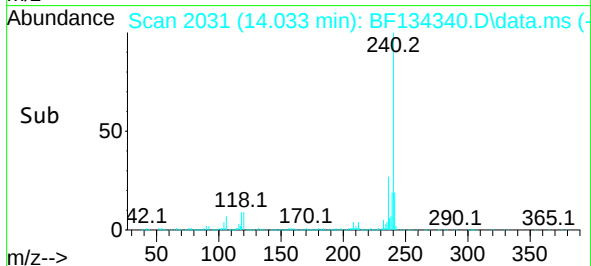
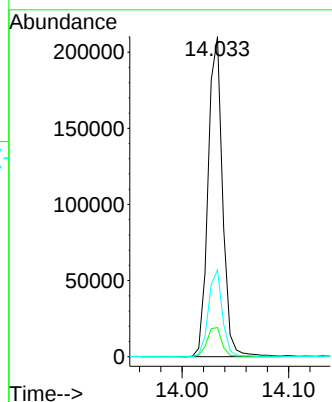
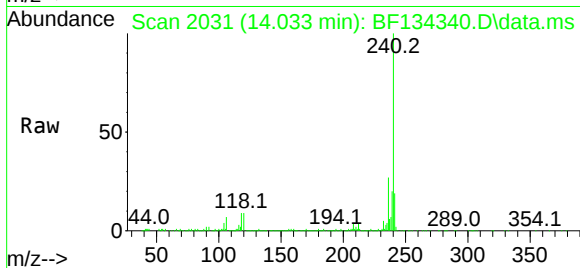
Tgt Ion:240 Resp: 199013

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 27.1 21.0 31.6



#79

Terphenyl-d14

Concen: 47.588 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

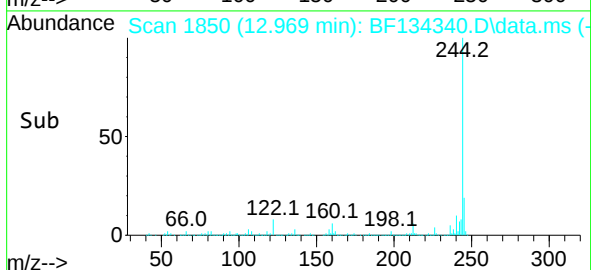
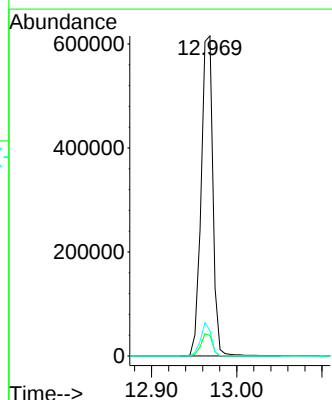
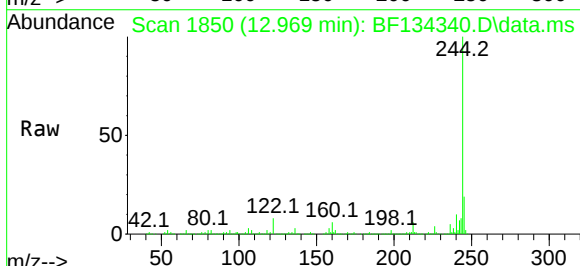
Tgt Ion:244 Resp: 588456

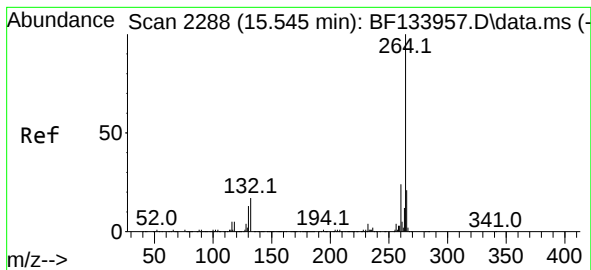
Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

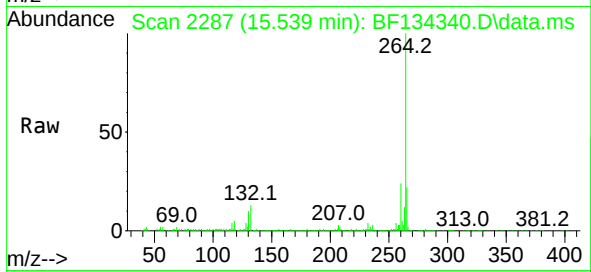
122 7.9 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)



Tgt Ion:264 Resp: 168989

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	16.6	25.0

