

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134066.D
 Acq On : 30 Jun 2023 23:05
 Operator : CG\JU
 Sample : 03358-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Jul 01 04:34:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

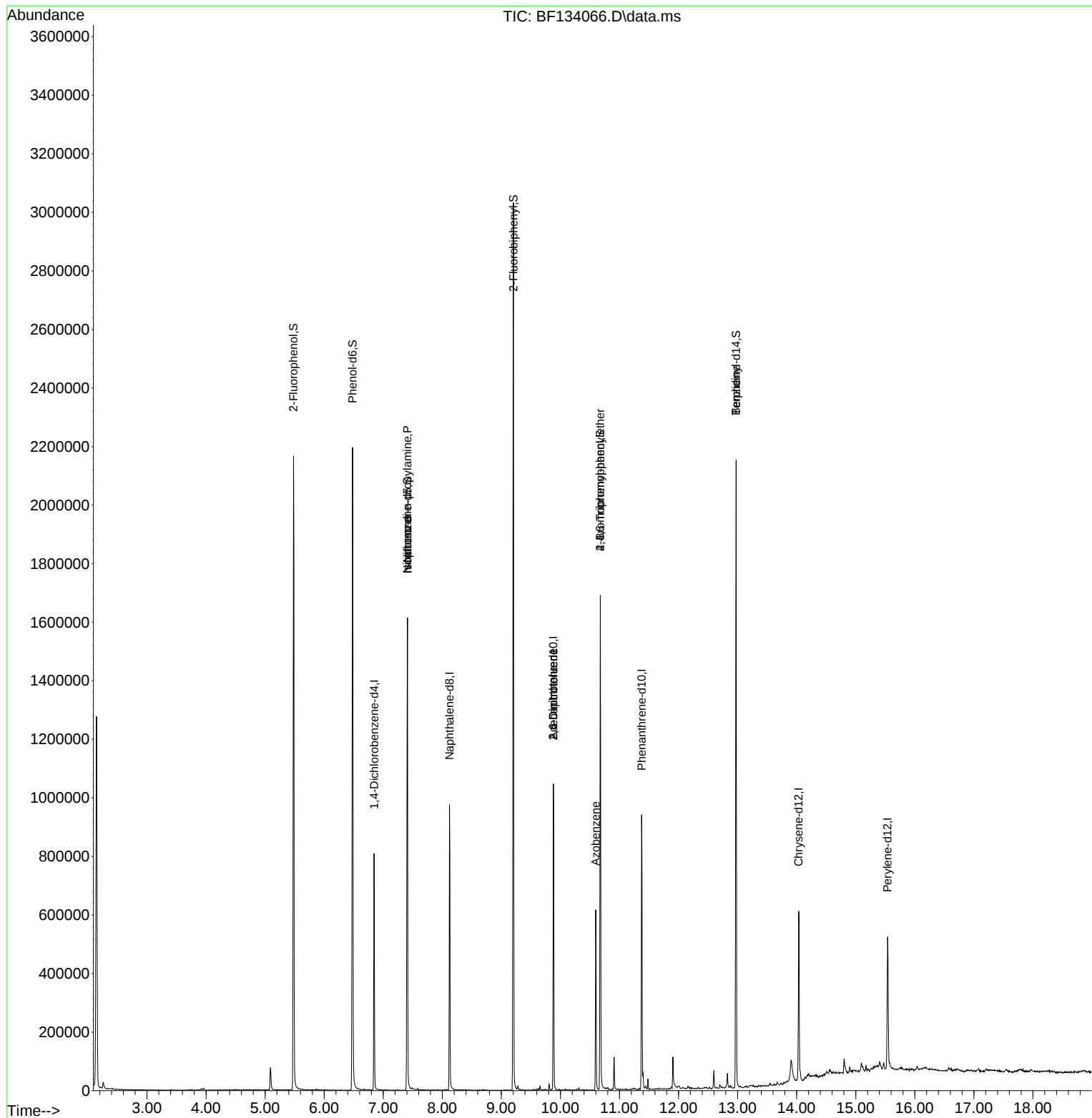
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	107417	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	416264	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	204543	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	353651	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	198278	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	220665	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	579615	90.261	ng	0.00
7) Phenol-d6	6.481	99	699144	88.531	ng	-0.01
23) Nitrobenzene-d5	7.410	82	482768	62.518	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	191821	74.797	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	894300	63.567	ng	0.00
79) Terphenyl-d14	12.974	244	697648	56.628	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1206	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	67577	13.493	ng	# 78
25) Isophorone	7.410	82	482766	34.399	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	25459	7.961	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	25459	6.028	ng	# 23
63) Azobenzene	10.598	77	104299	7.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	11606	3.088	ng	# 1
77) Benzidine	12.974	184	10097	2.140	ng	# 86

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

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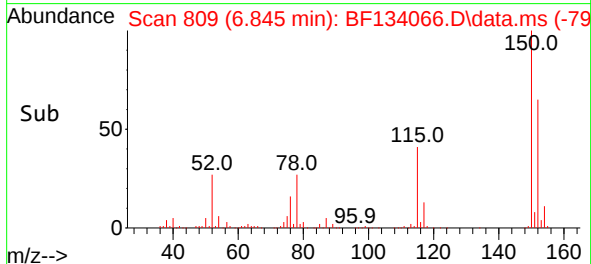
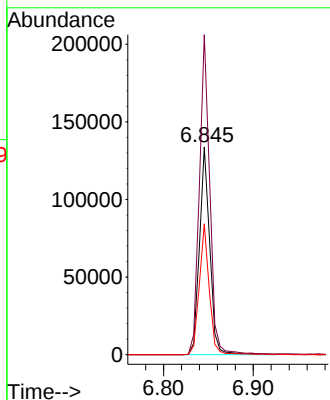
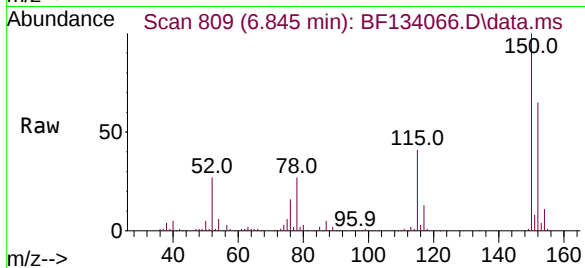




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

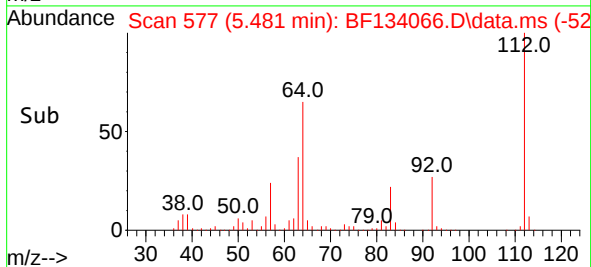
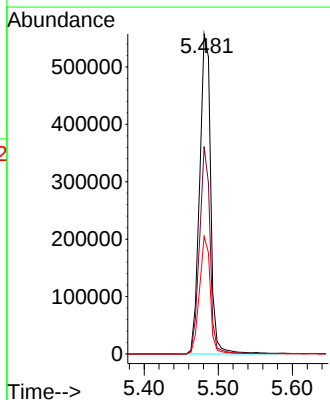
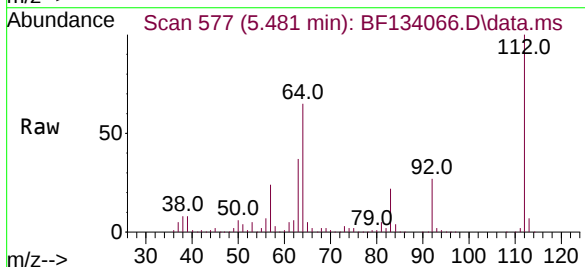
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

Tgt Ion:152 Resp: 107417
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 90.261 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:112 Resp: 579615
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 36.7 28.6 42.8





#7

Phenol-d6

Concen: 88.531 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

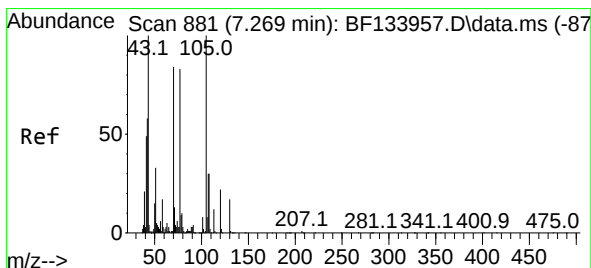
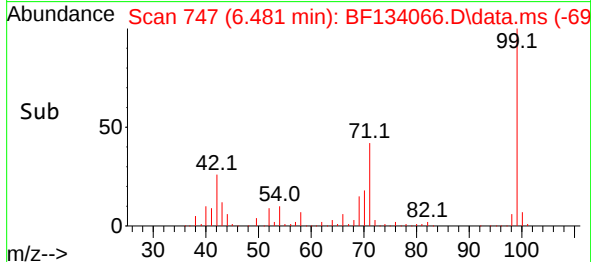
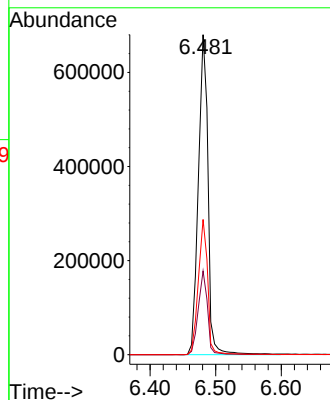
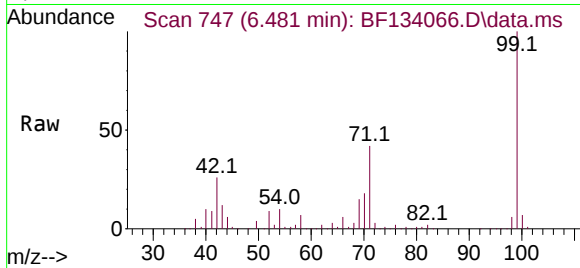
Tgt Ion: 99 Resp: 699144

Ion Ratio Lower Upper

99 100

42 26.1 19.8 29.6

71 42.3 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.493 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.141 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Tgt Ion: 70 Resp: 67577

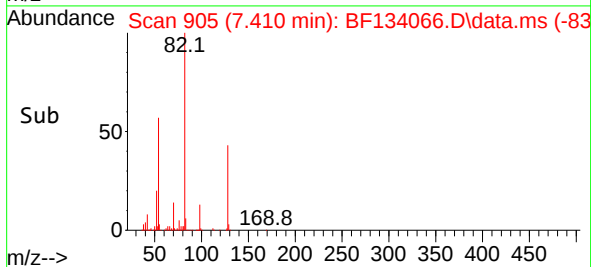
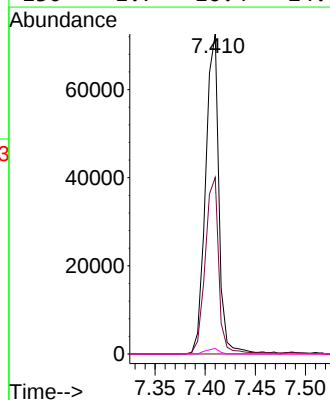
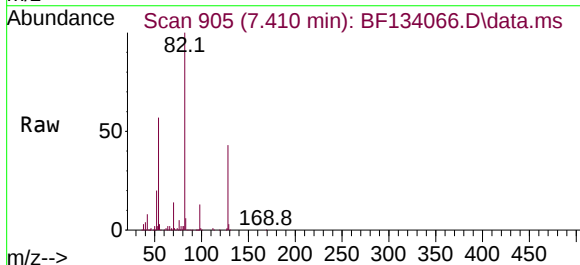
Ion Ratio Lower Upper

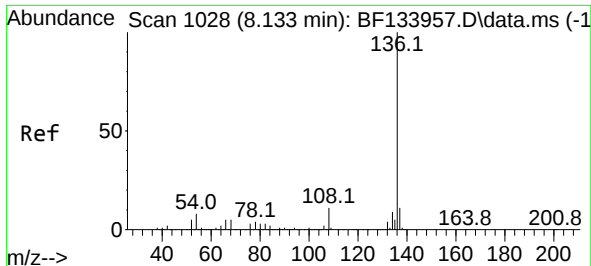
70 100

42 55.1 54.7 82.1

101 0.0 7.7 11.5#

130 1.7 16.4 24.6#



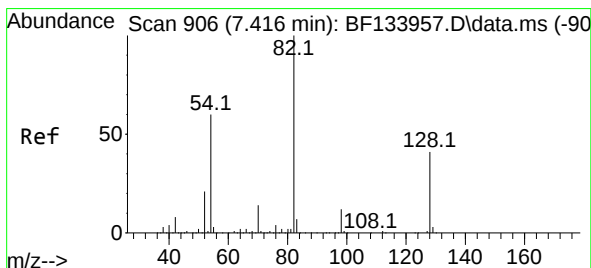
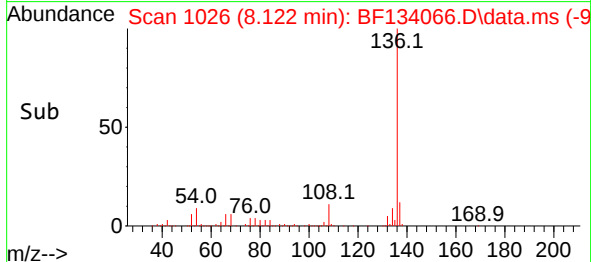
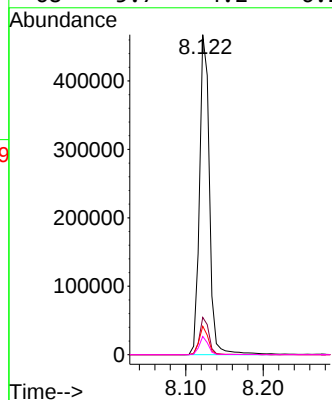
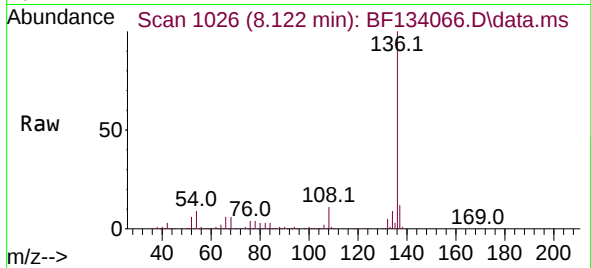


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

Tgt Ion:136 Resp: 416264

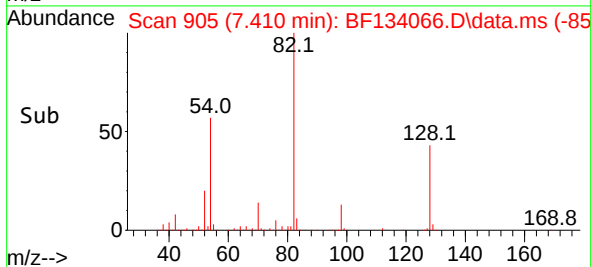
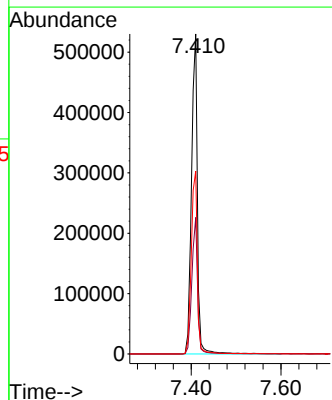
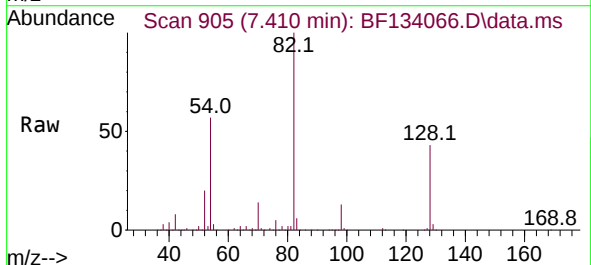
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	8.9	6.5	9.7
68	5.7	4.2	6.2

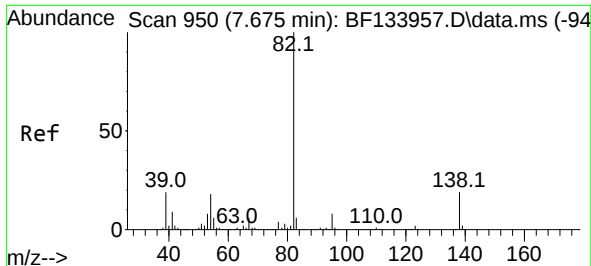


#23
Nitrobenzene-d5
Concen: 62.518 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion: 82 Resp: 482768

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.5	48.7
54	57.2	48.2	72.2

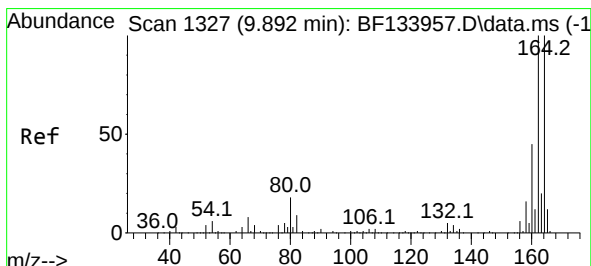
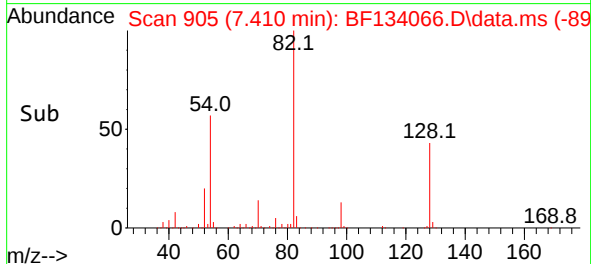
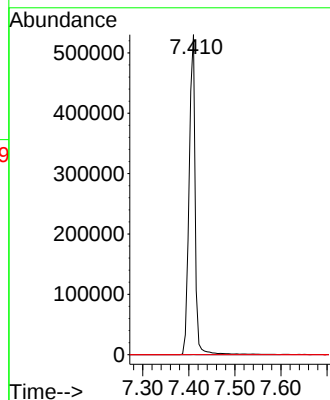
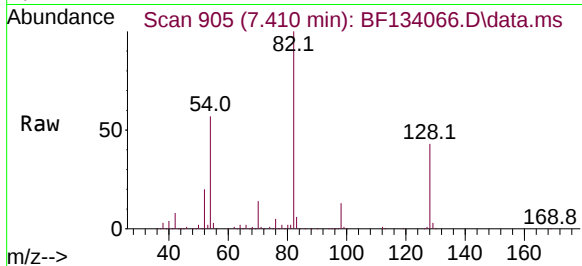




#25
Isophorone
Concen: 34.399 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

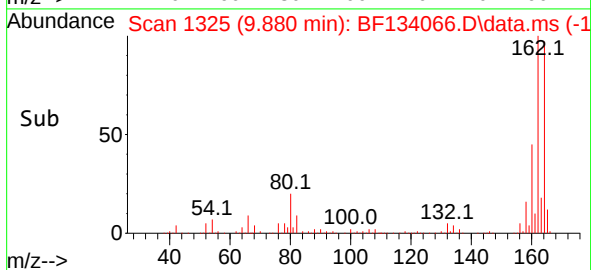
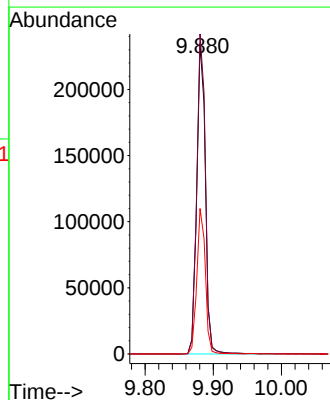
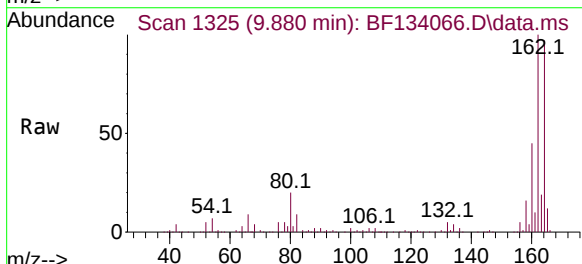
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

Tgt Ion: 82 Resp: 482766
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

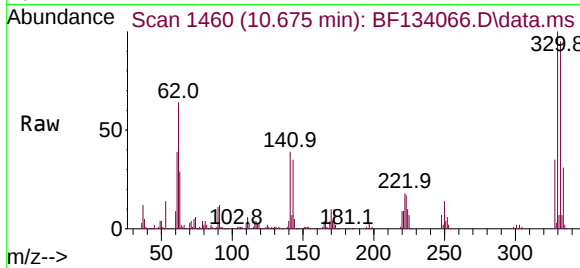
Tgt Ion:164 Resp: 204543
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 46.8 35.9 53.9



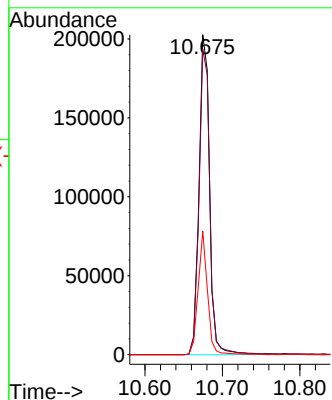
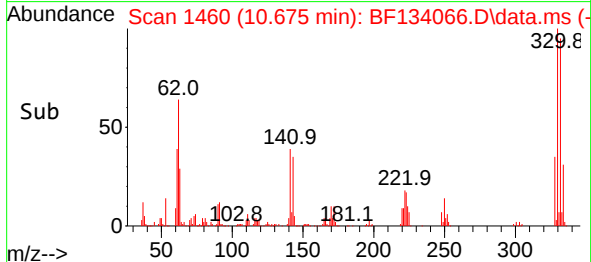


#42
 2,4,6-Tribromophenol
 Concen: 74.797 ng
 RT: 10.675 min Scan# 1460
 Delta R.T. -0.012 min
 Lab File: BF134066.D
 Acq: 30 Jun 2023 23:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(0-2)

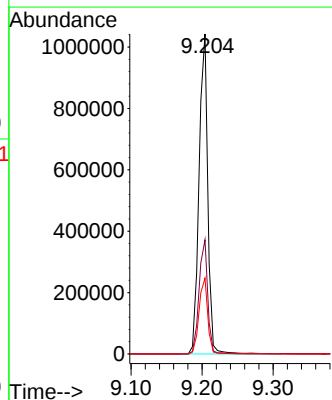
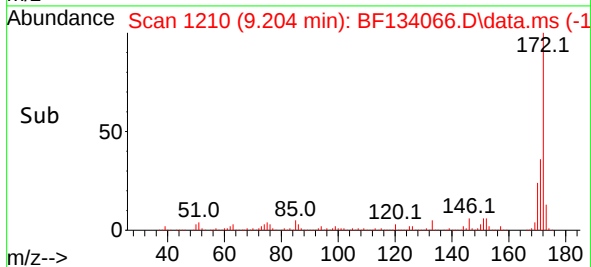
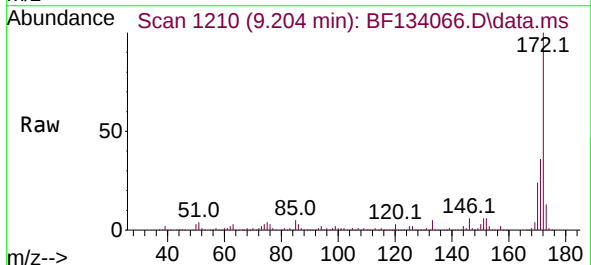


Tgt Ion: 330 Resp: 191821
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 34.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 63.567 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF134066.D
 Acq: 30 Jun 2023 23:05

Tgt Ion: 172 Resp: 894300
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.961 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

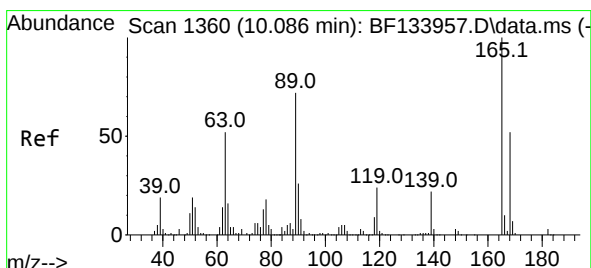
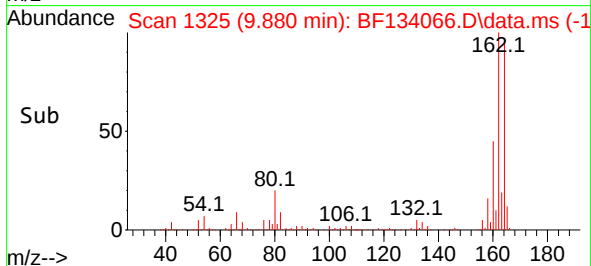
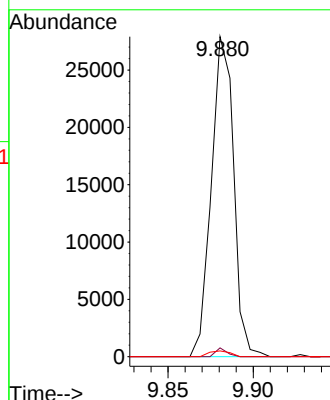
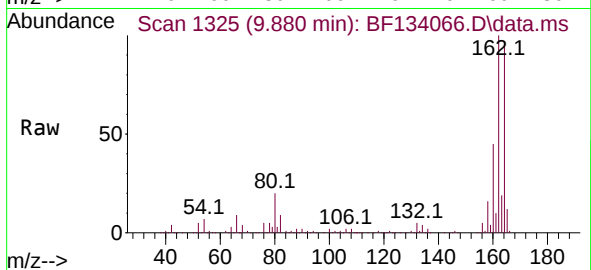
Tgt Ion:165 Resp: 25459

Ion Ratio Lower Upper

165 100

63 2.8 48.5 72.7#

89 1.8 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.028 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Tgt Ion:165 Resp: 25459

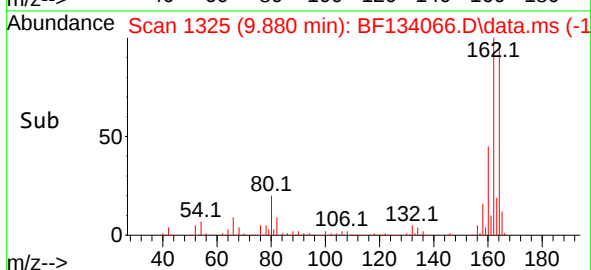
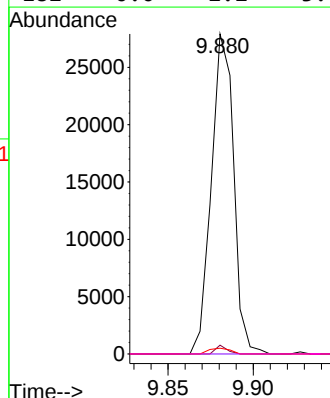
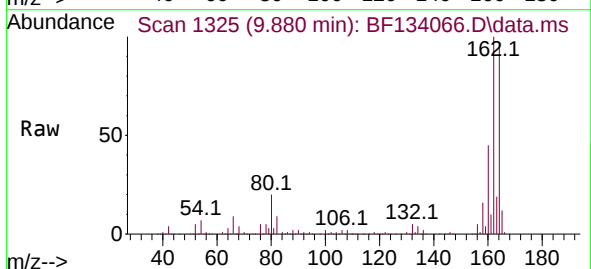
Ion Ratio Lower Upper

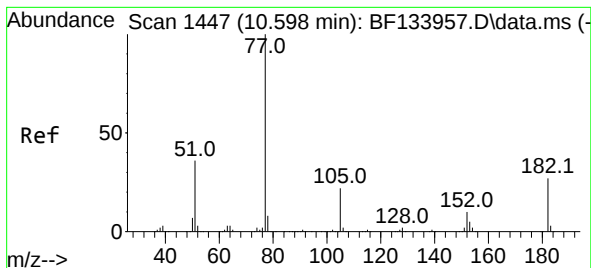
165 100

63 2.8 42.2 63.2#

89 1.8 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 7.128 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

Tgt Ion: 77 Resp: 104299

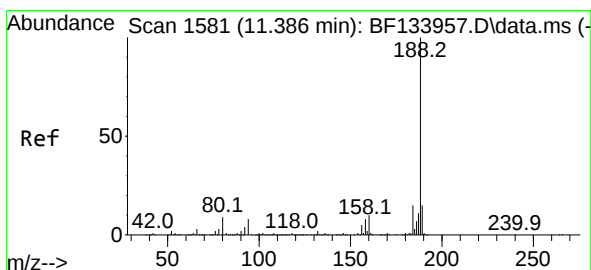
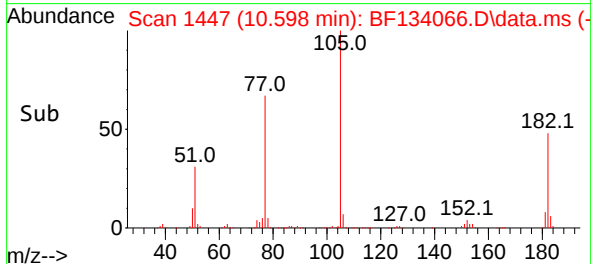
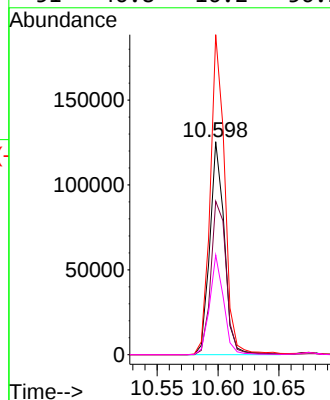
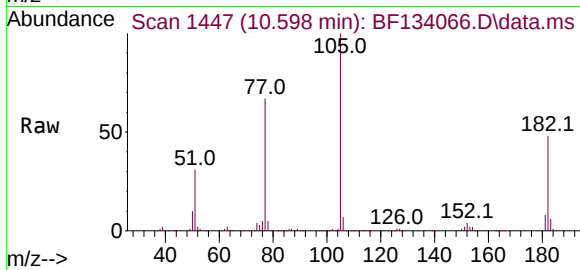
Ion Ratio Lower Upper

77 100

182 72.0 6.8 46.8#

105 150.2 2.3 42.3#

51 46.8 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

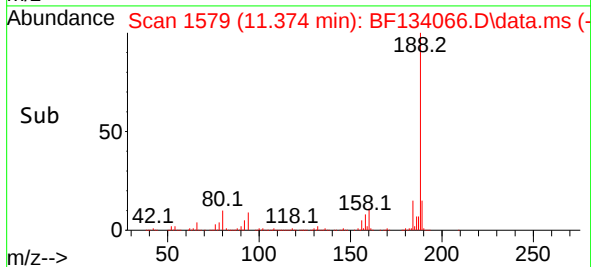
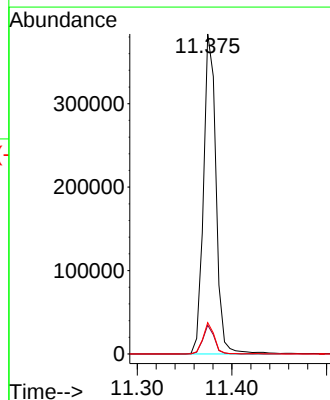
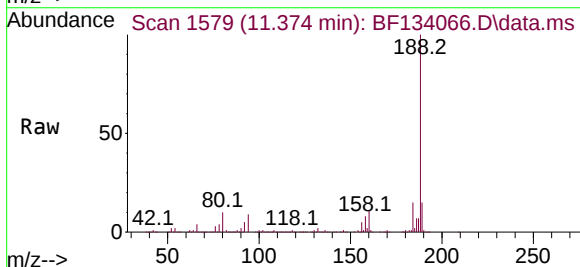
Tgt Ion: 188 Resp: 353651

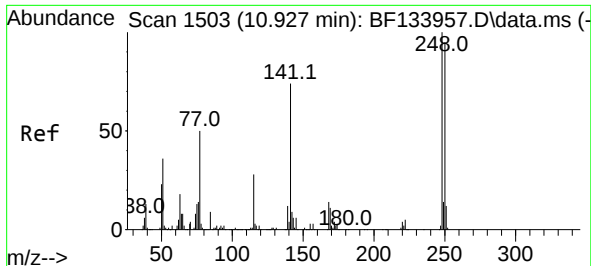
Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.8 7.3 10.9

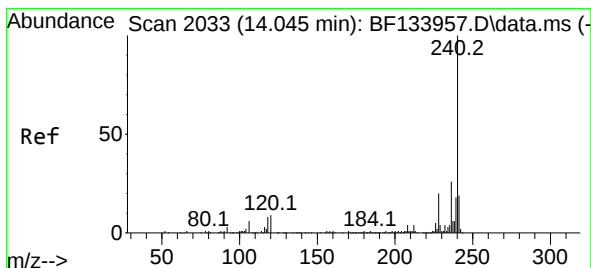
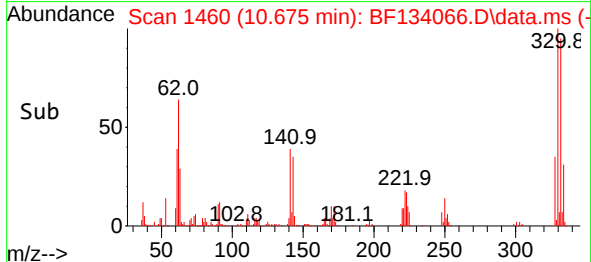
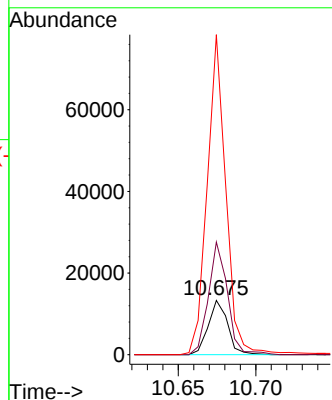
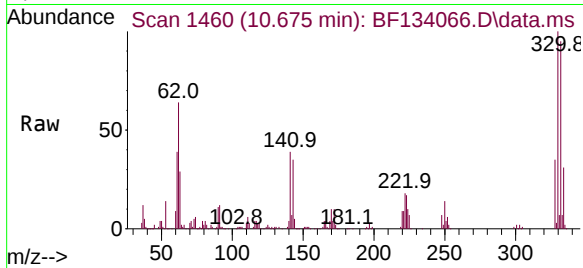




#67
4-Bromophenyl-phenylether
Concen: 3.088 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

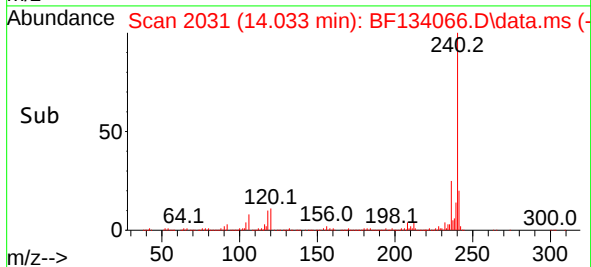
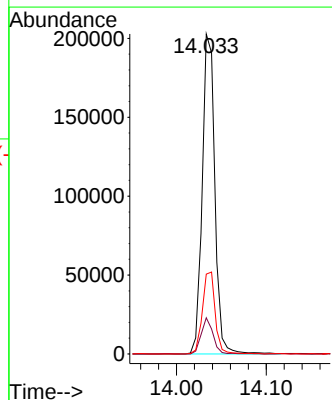
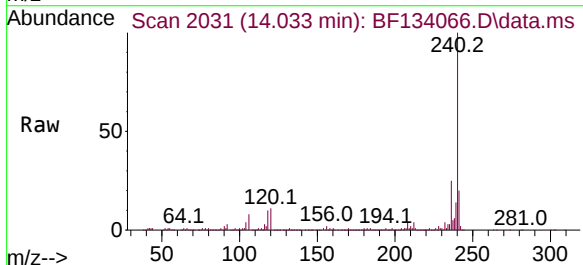
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

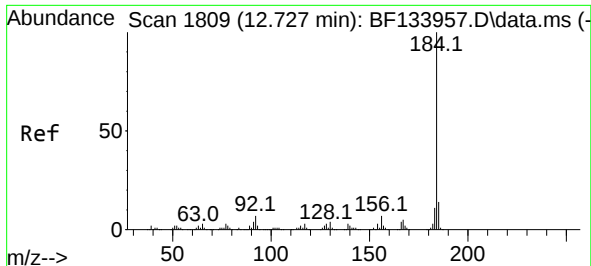
Tgt Ion:248 Resp: 11606
Ion Ratio Lower Upper
248 100
250 207.5 76.2 114.4#
141 589.9 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:240 Resp: 198278
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.0#
236 24.9 21.0 31.6

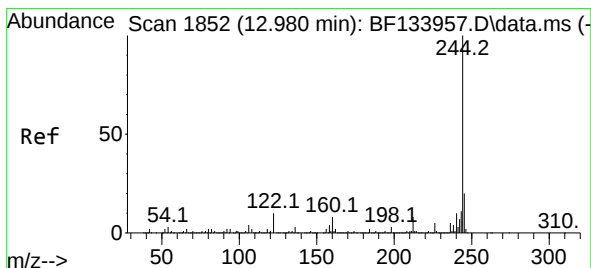
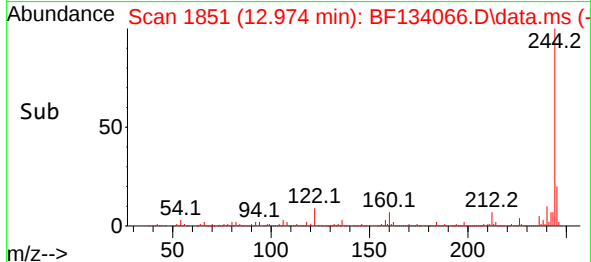
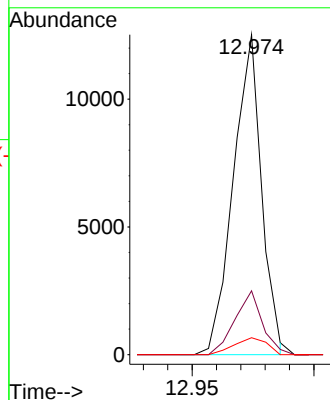
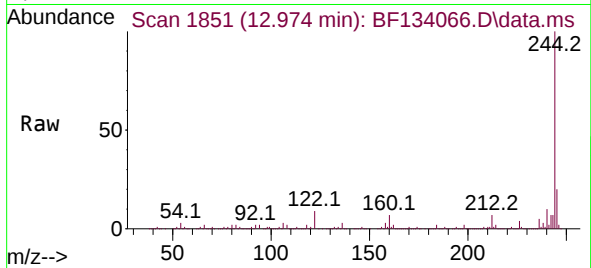




#77
Benzidine
Concen: 2.140 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

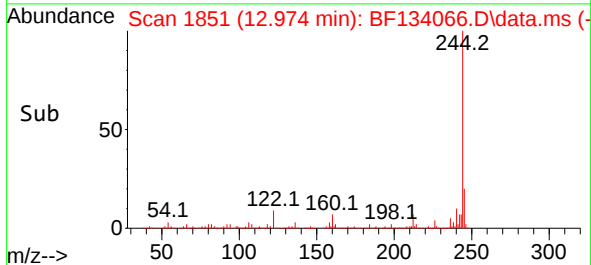
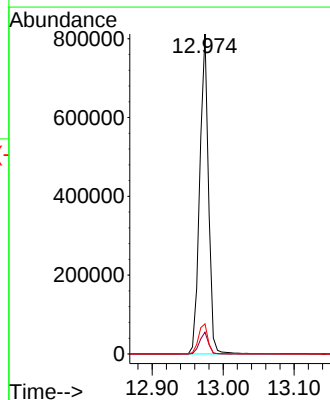
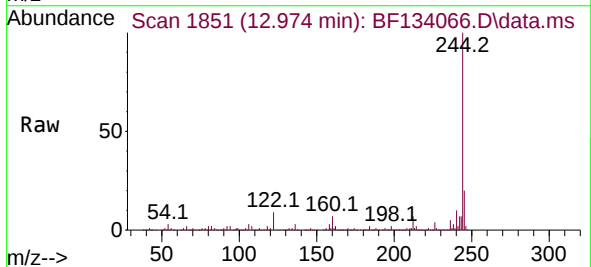
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

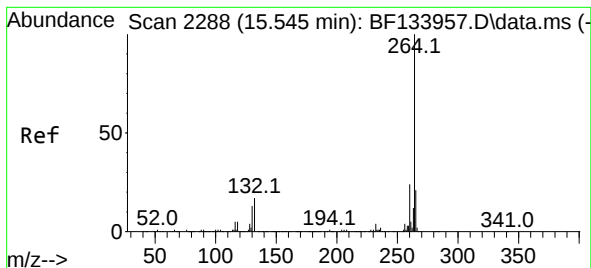
Tgt Ion:184 Resp: 10097
Ion Ratio Lower Upper
184 100
185 20.0 11.6 17.4#
183 5.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 56.628 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134066.D
Acq: 30 Jun 2023 23:05

Tgt Ion:244 Resp: 697648
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134066.D

Acq: 30 Jun 2023 23:05

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

Tgt Ion:264 Resp: 220665

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 23.0 16.6 25.0

