

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134113.D
 Acq On : 07 Jul 2023 00:12
 Operator : CG\JU
 Sample : 03492-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:34:28 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)

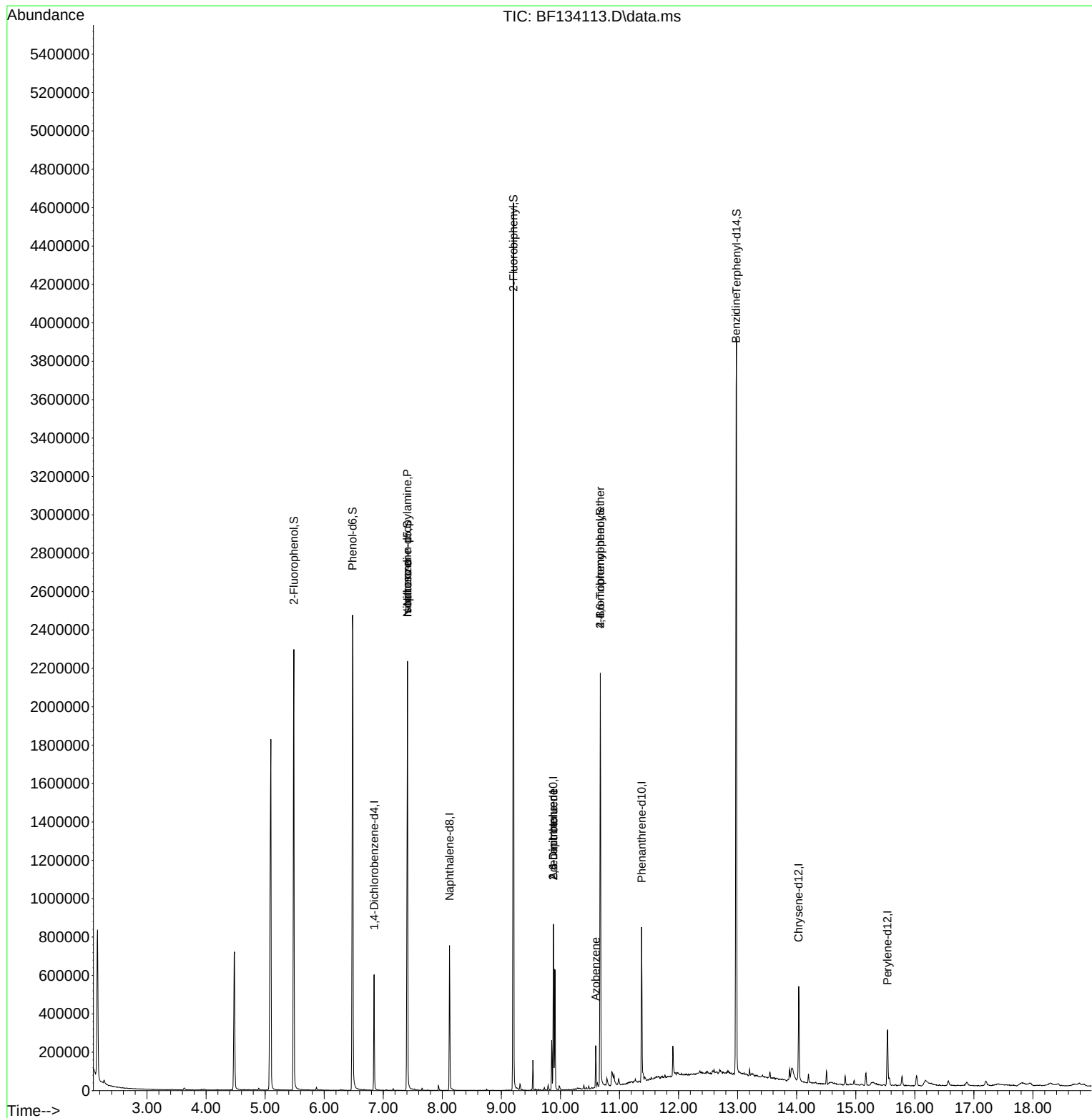
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	80937	20.000	ng	0.00
21) Naphthalene-d8	8.121	136	304173	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	149213	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	286317	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	168210	20.000	ng	-0.02
86) Perylene-d12	15.539	264	148489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	593111	122.581	ng	0.00
7) Phenol-d6	6.480	99	905030	152.095	ng	-0.01
23) Nitrobenzene-d5	7.410	82	681418	120.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	265966	142.164	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1317966	128.419	ng	0.00
79) Terphenyl-d14	12.980	244	1515095	144.963	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1505	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	97366	25.802	ng	# 79
25) Isophorone	7.410	82	681411	66.445	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	19508	8.362	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	19508	6.332	ng	# 22
63) Azobenzene	10.598	77	36724	3.440	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	16299	5.356	ng	# 1
77) Benzidine	12.974	184	21935	5.480	ng	# 89

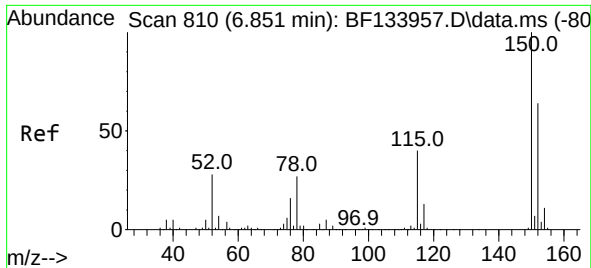
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134113.D
Acq On : 07 Jul 2023 00:12
Operator : CG\JU
Sample : 03492-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

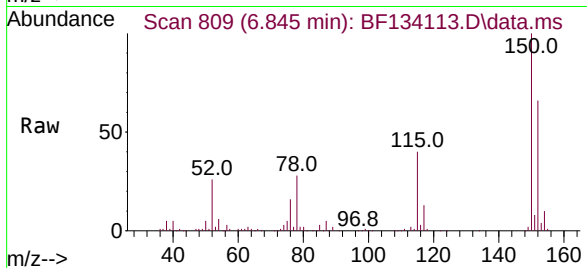
Quant Time: Jul 07 01:34:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



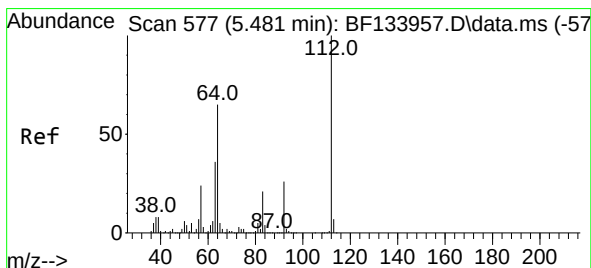
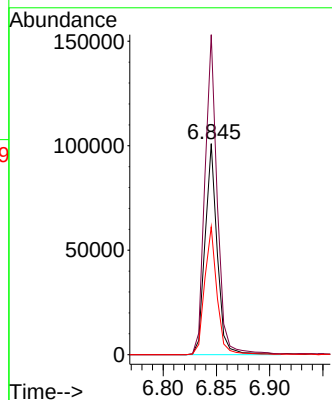
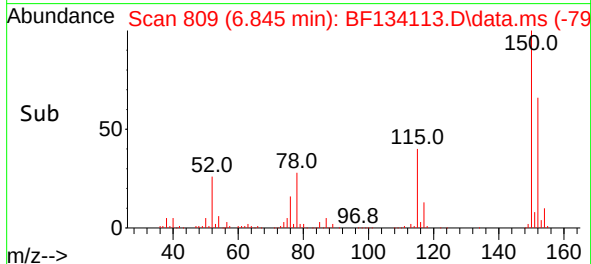


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Instrument :
BNA_F
ClientSampleId :

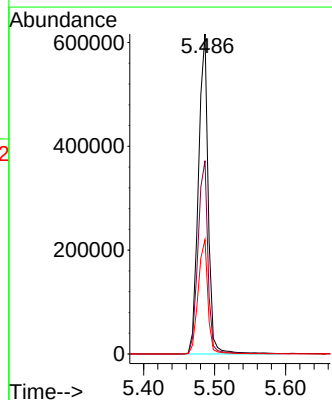
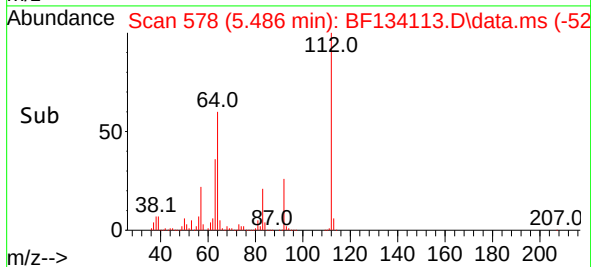
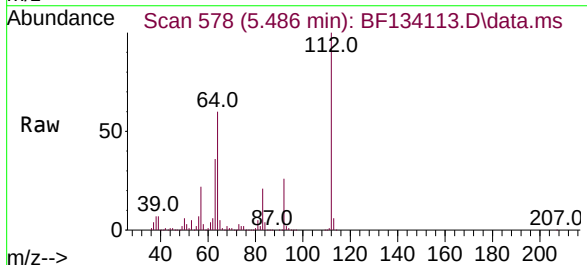


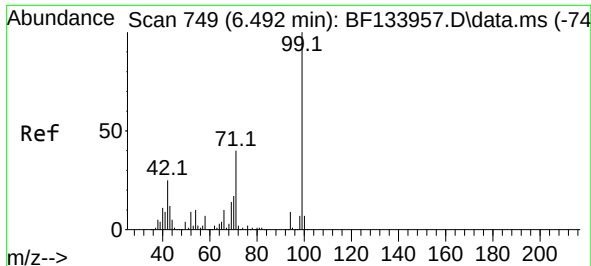
Tgt Ion:152 Resp: 80937
Ion Ratio Lower Upper
152 100
150 151.6 124.5 186.7
115 60.6 50.2 75.2



#5
2-Fluorophenol
Concen: 122.581 ng
RT: 5.486 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

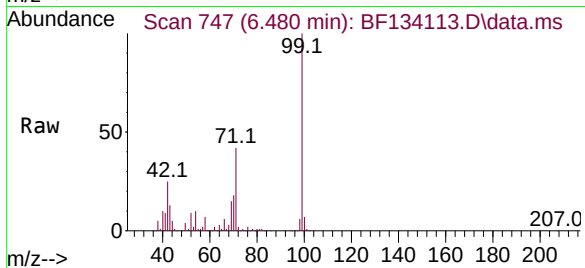
Tgt Ion:112 Resp: 593111
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 35.7 28.6 42.8



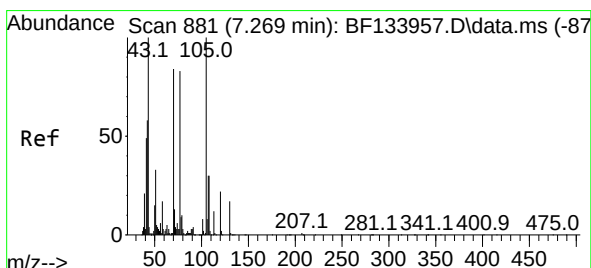
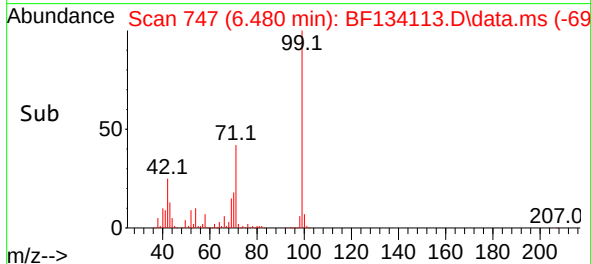
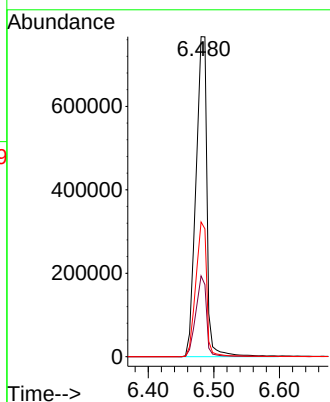


#7
Phenol-d6
Concen: 152.095 ng
RT: 6.480 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Instrument :
BNA_F
ClientSampleId :

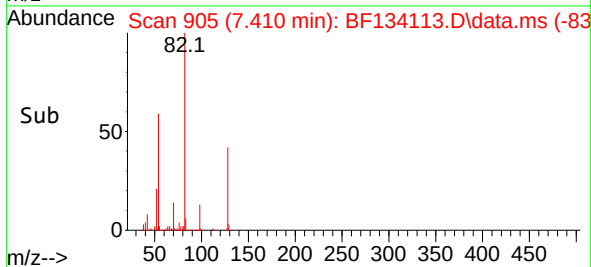
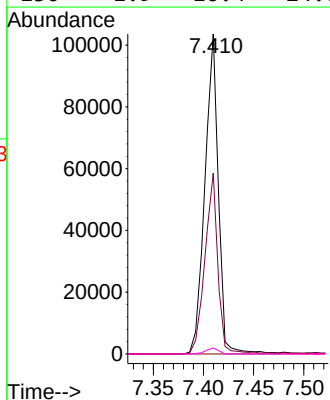
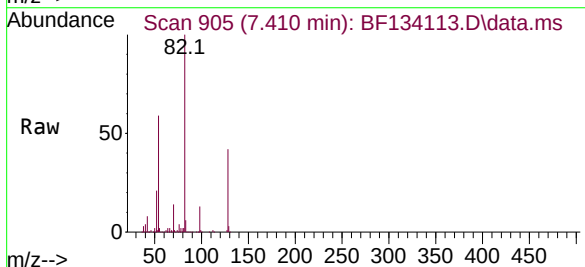


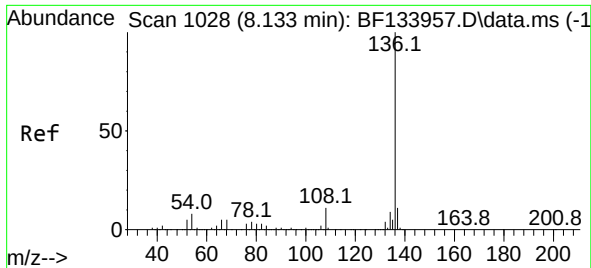
Tgt Ion: 99 Resp: 905030
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 25.802 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Tgt Ion: 70 Resp: 97366
Ion Ratio Lower Upper
70 100
42 56.5 54.7 82.1
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



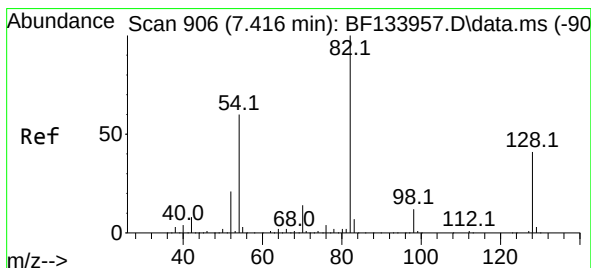
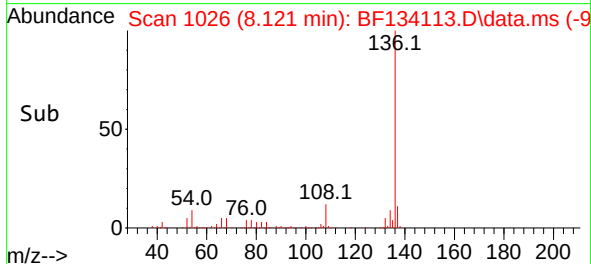
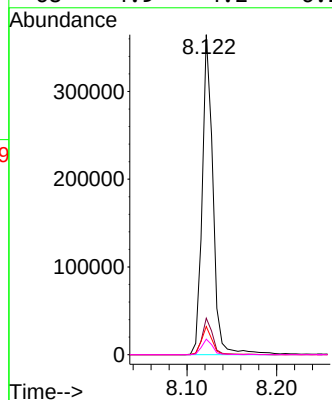
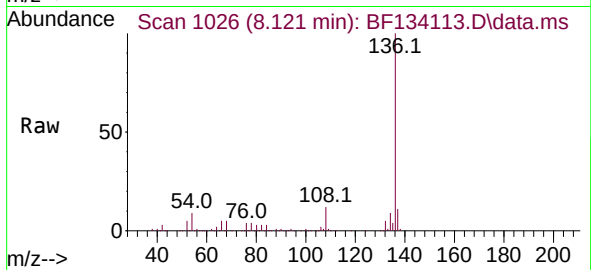


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.121 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 304173

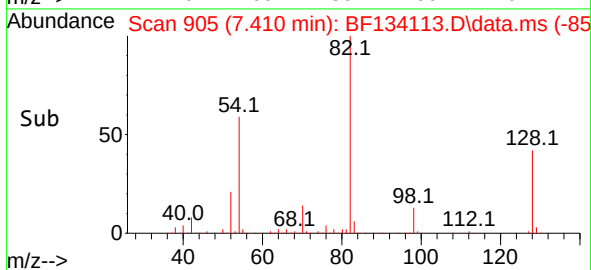
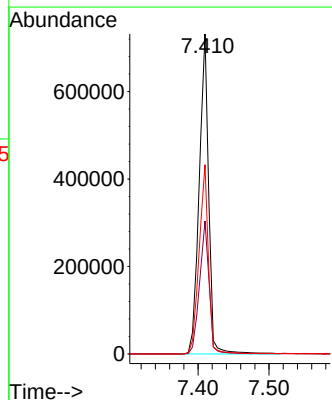
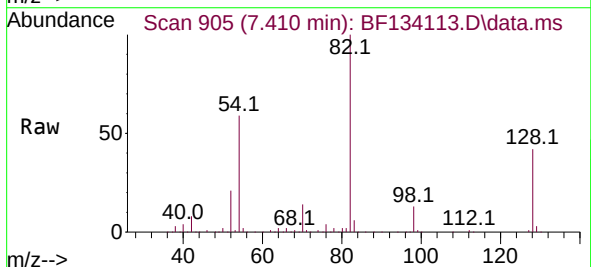
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.8	6.5	9.7
68	4.9	4.2	6.2

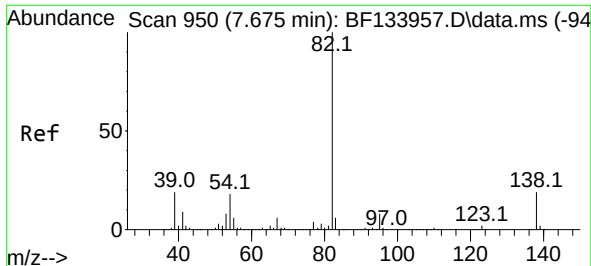


#23
Nitrobenzene-d5
Concen: 120.761 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Tgt Ion: 82 Resp: 681418

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	59.2	48.2	72.2

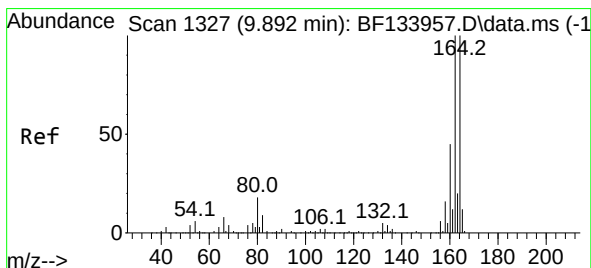
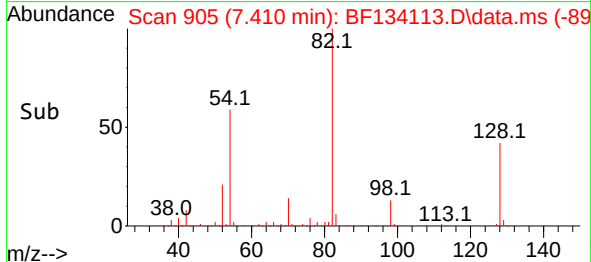
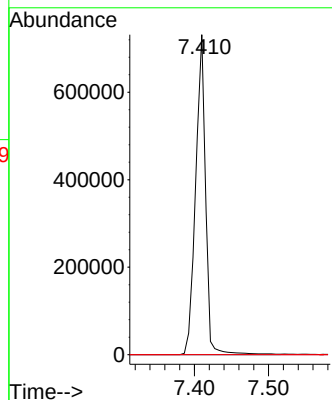
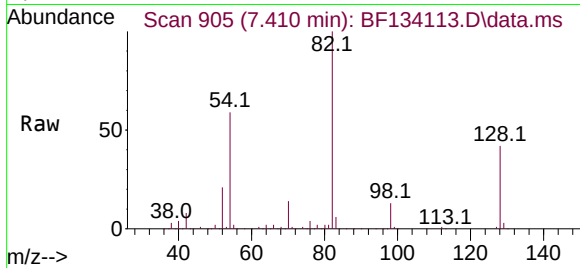




#25
Isophorone
Concen: 66.445 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

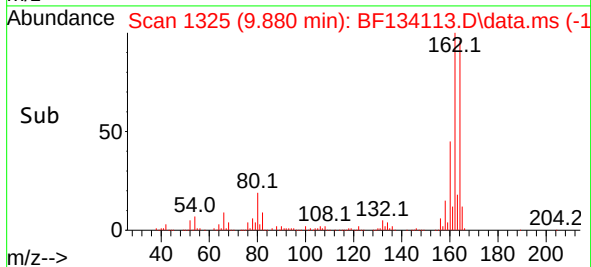
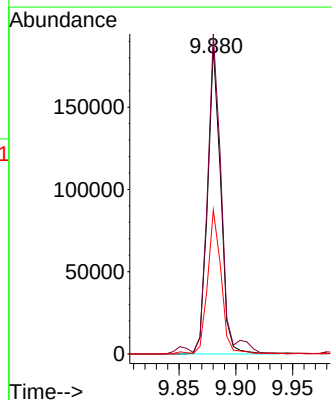
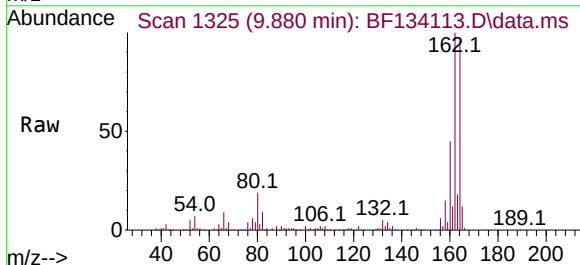
Instrument :
BNA_F
ClientSampleId :

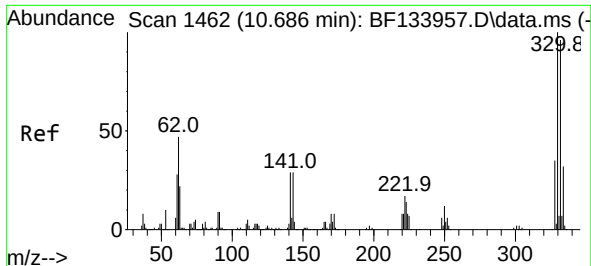
Tgt Ion: 82 Resp: 681411
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

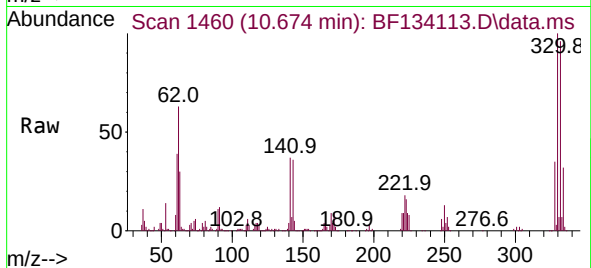
Tgt Ion:164 Resp: 149213
Ion Ratio Lower Upper
164 100
162 104.2 80.0 120.0
160 46.9 35.9 53.9



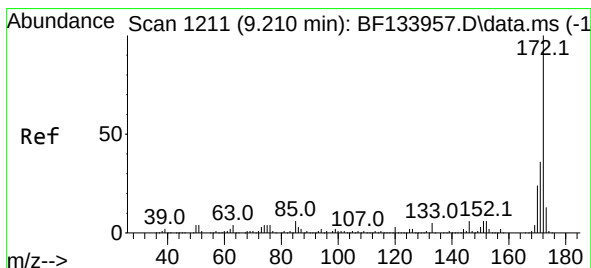
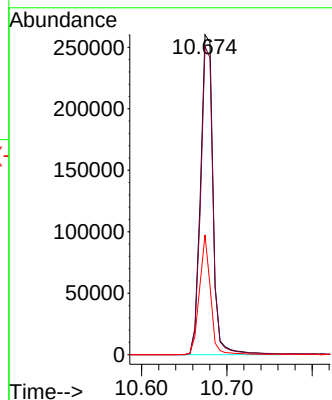
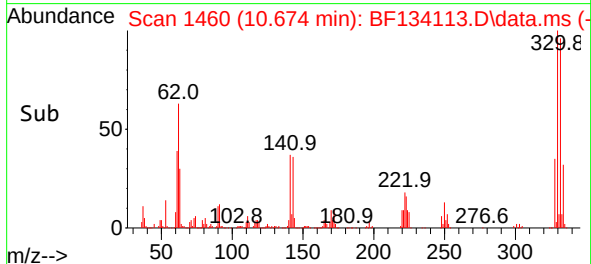


#42
2,4,6-Tribromophenol
Concen: 142.164 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

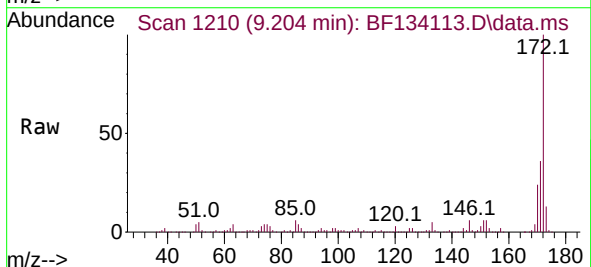
Instrument :
BNA_F
ClientSampleId :



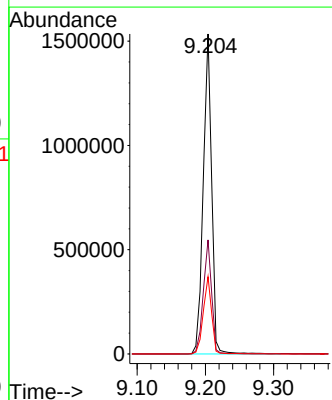
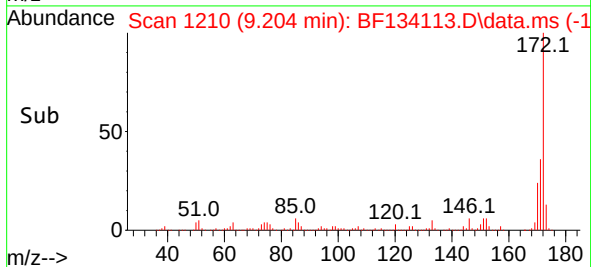
Tgt Ion:330 Resp: 265966
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 32.9 26.3 39.5

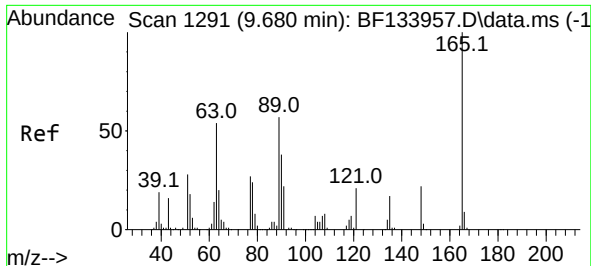


#45
2-Fluorobiphenyl
Concen: 128.419 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12



Tgt Ion:172 Resp: 1317966
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.2 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.362 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :

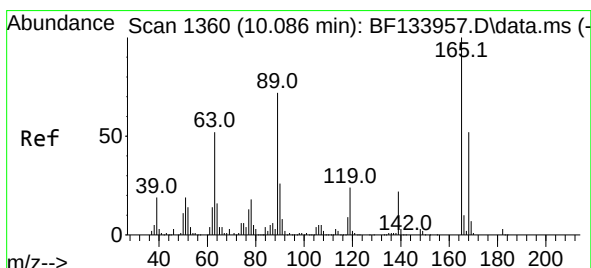
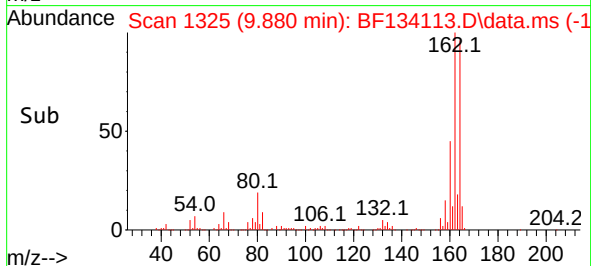
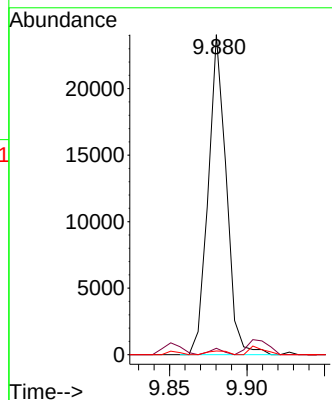
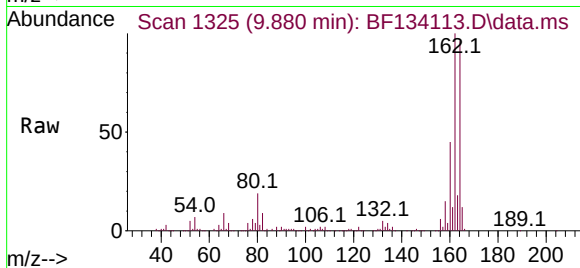
Tgt Ion:165 Resp: 19508

Ion Ratio Lower Upper

165 100

63 2.0 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.332 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Tgt Ion:165 Resp: 19508

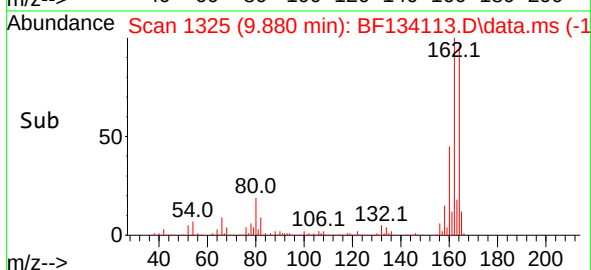
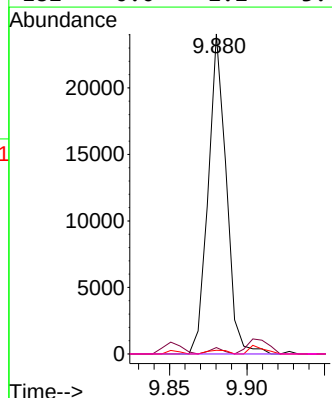
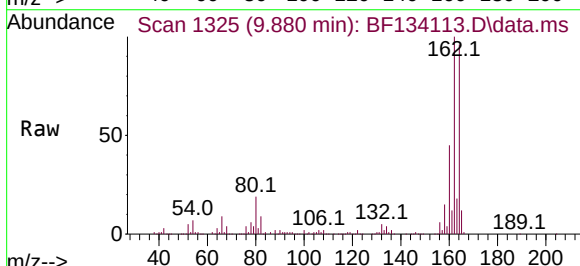
Ion Ratio Lower Upper

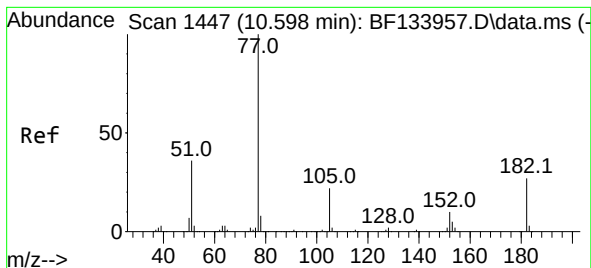
165 100

63 2.0 42.2 63.2#

89 1.2 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.440 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

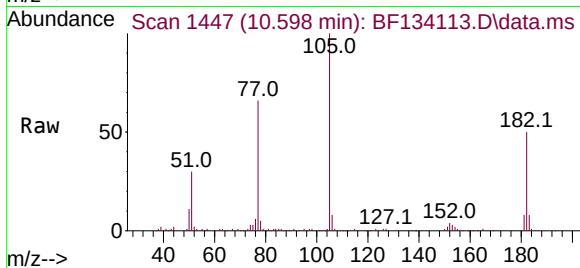
Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 36724

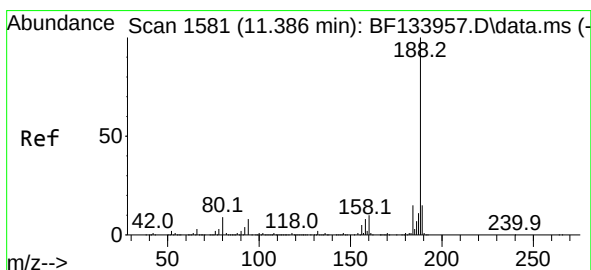
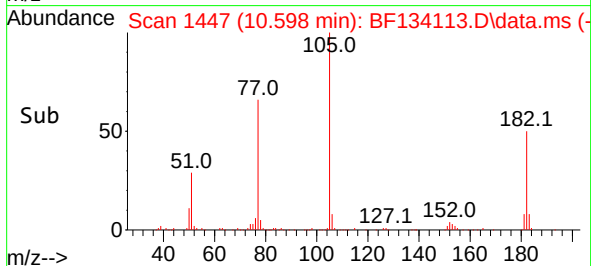
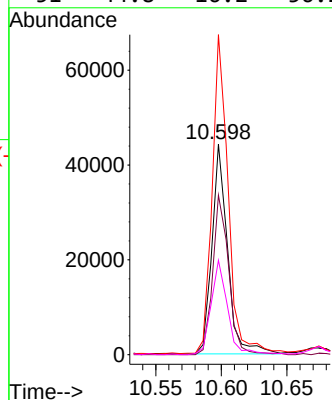
Ion Ratio Lower Upper

77 100

182 75.7 6.8 46.8#

105 152.0 2.3 42.3#

51 44.8 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: BF134113.D

Acq: 07 Jul 2023 00:12

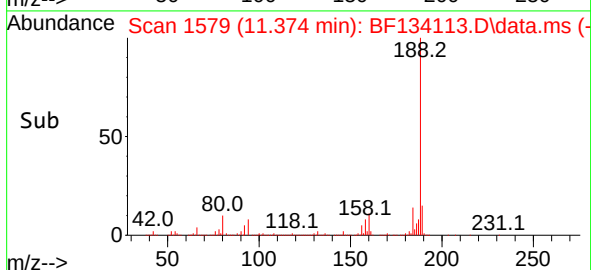
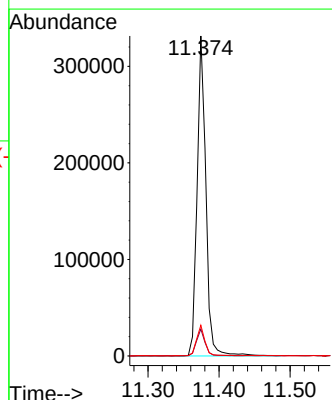
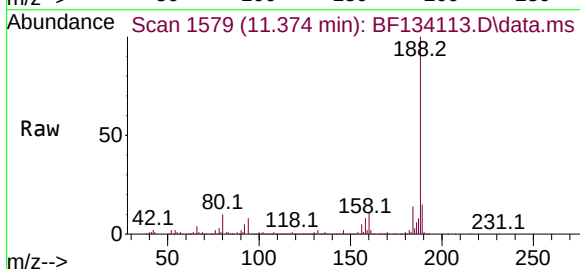
Tgt Ion: 188 Resp: 286317

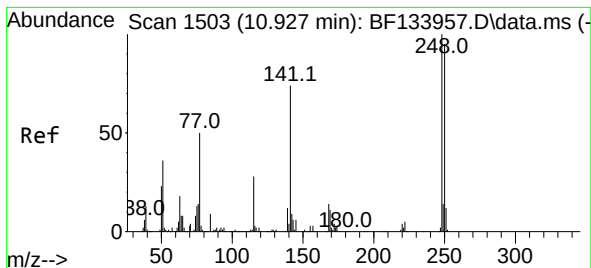
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

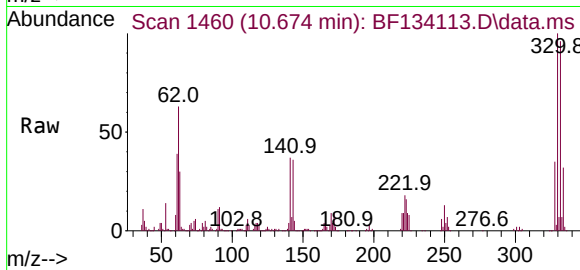
80 9.6 7.3 10.9



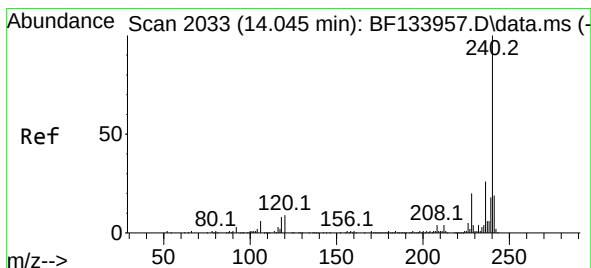
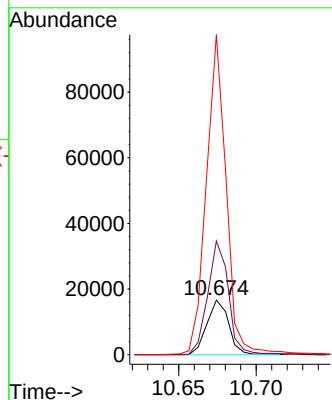
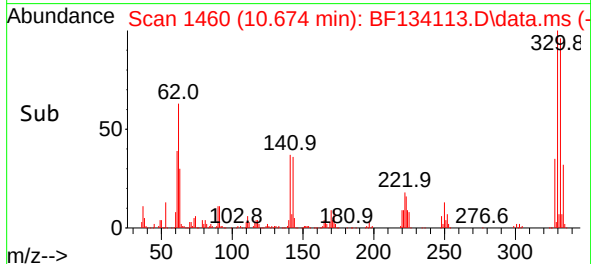


#67
4-Bromophenyl-phenylether
Concen: 5.356 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

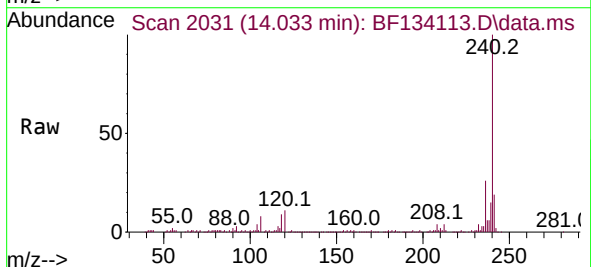
Instrument :
BNA_F
ClientSampleId :



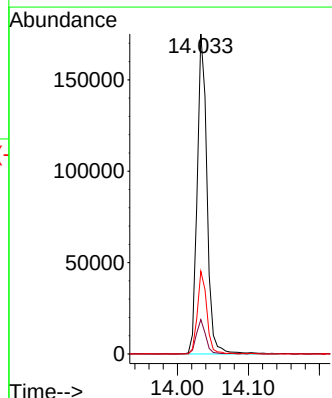
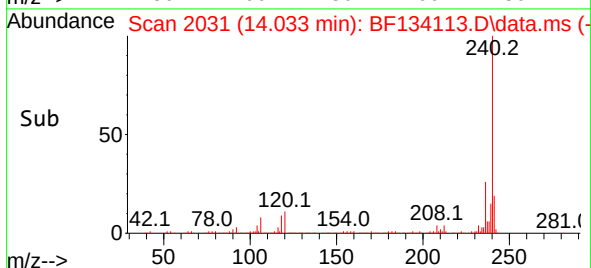
Tgt Ion:248 Resp: 16299
Ion Ratio Lower Upper
248 100
250 208.4 76.2 114.4#
141 586.3 59.0 88.4#

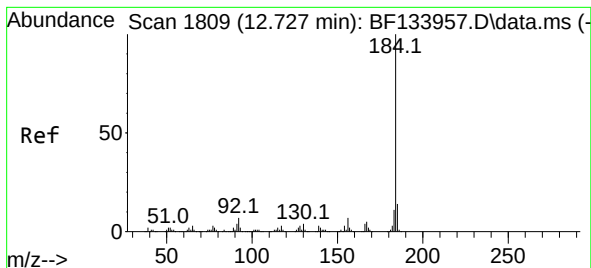


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12



Tgt Ion:240 Resp: 168210
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.0
236 25.8 21.0 31.6





#77

Benzidine

Concen: 5.480 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :

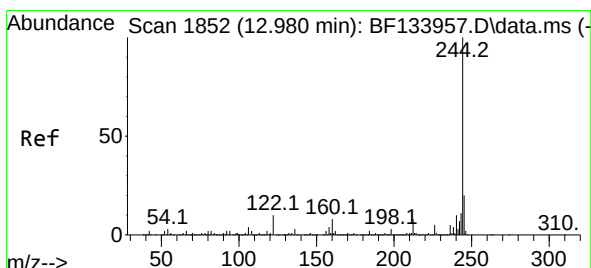
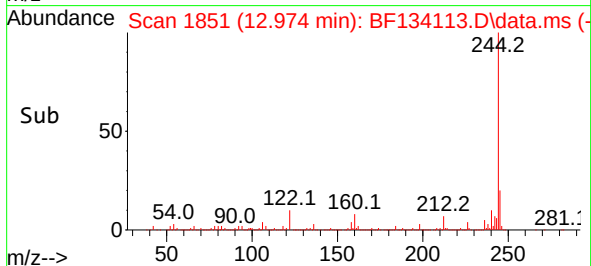
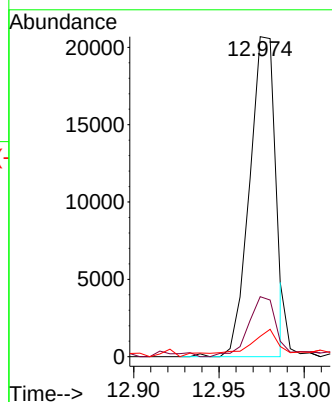
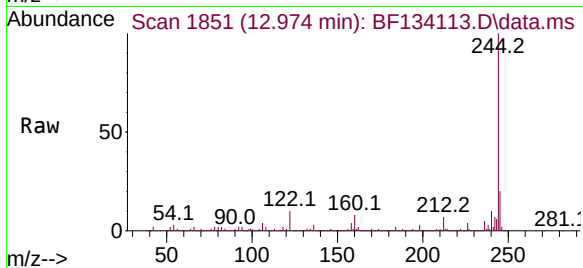
Tgt Ion:184 Resp: 21935

Ion Ratio Lower Upper

184 100

185 18.8 11.6 17.4#

183 6.4 8.8 13.2#



#79

Terphenyl-d14

Concen: 144.963 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

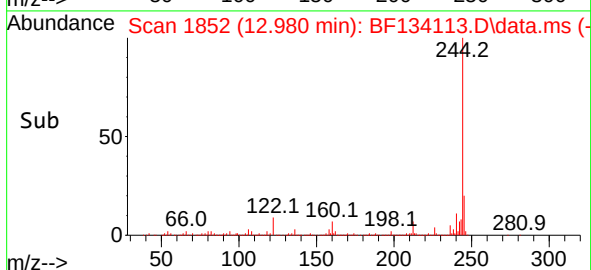
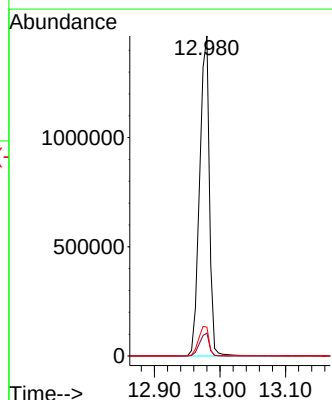
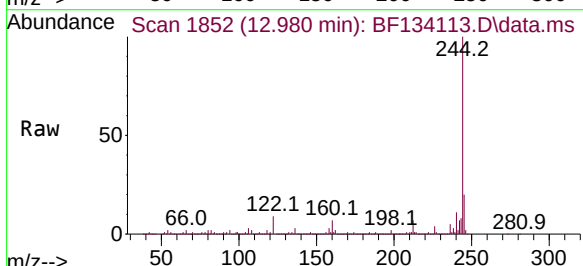
Tgt Ion:244 Resp: 1515095

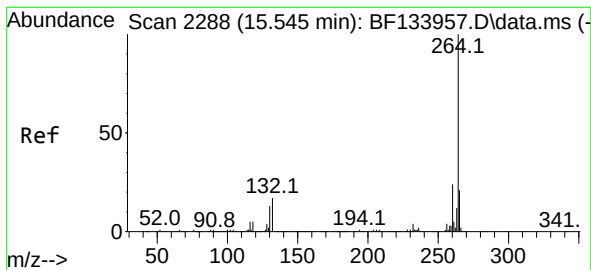
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.0 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: BF134113.D
 Acq: 07 Jul 2023 00:12

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 148489
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.0 16.6 25.0

