

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134115.D
 Acq On : 07 Jul 2023 01:21
 Operator : CG\JU
 Sample : 03375-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(8-10)

Quant Time: Jul 07 04:10:15 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

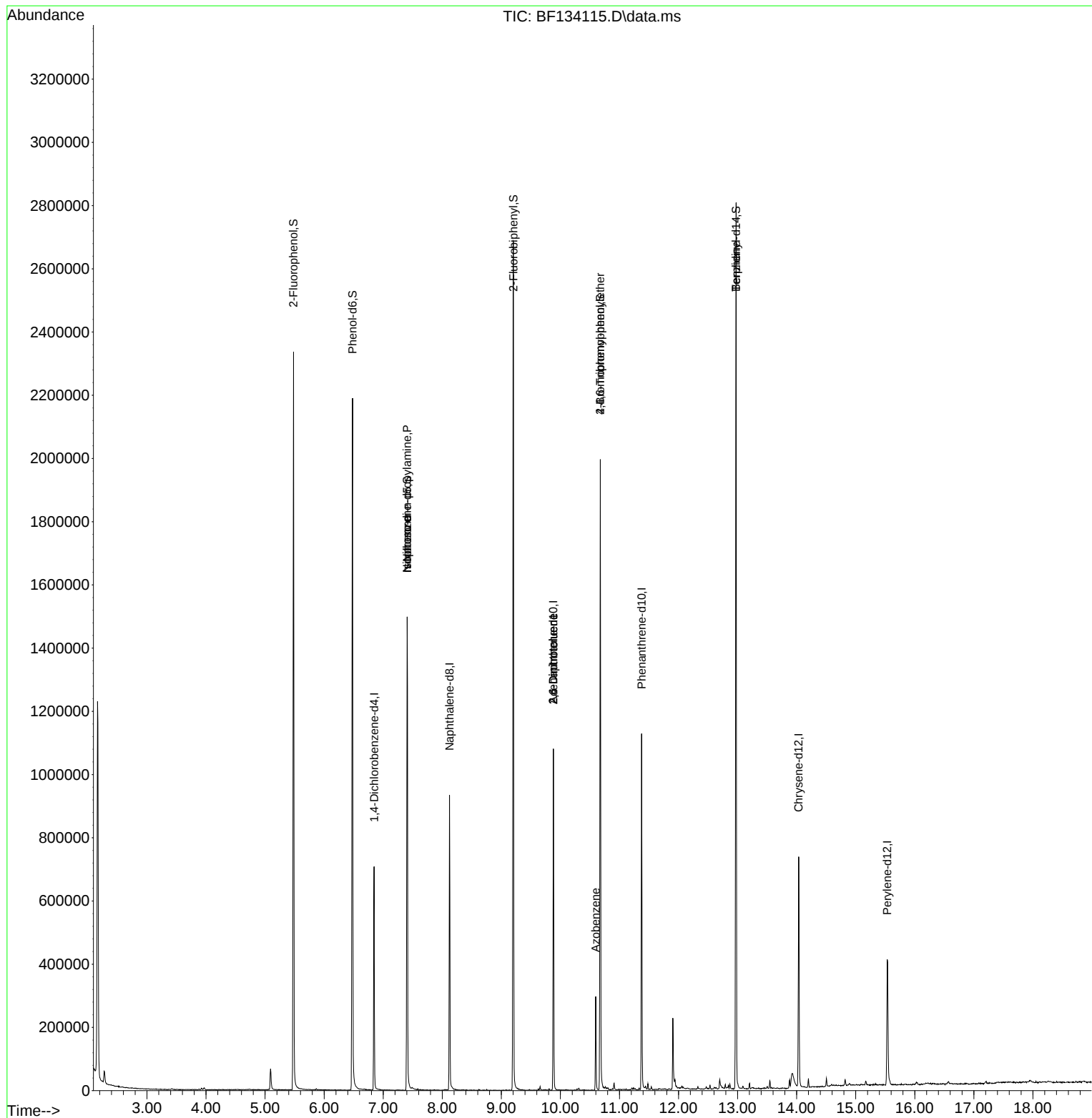
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100622	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	395440	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	194702	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	387501	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	248689	20.000	ng	-0.02
86) Perylene-d12	15.533	264	207364	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	573979	95.420	ng	0.00
7) Phenol-d6	6.481	99	709628	95.926	ng	-0.01
23) Nitrobenzene-d5	7.404	82	476905	65.010	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	232134	95.091	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	857826	64.056	ng	0.00
79) Terphenyl-d14	12.974	244	940579	60.871	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.481	77	1254	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.404	70	67230	14.331	ng	# 77
25) Isophorone	7.404	82	476902	35.770	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	25197	8.277	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	25197	6.268	ng	# 22
63) Azobenzene	10.598	77	48230	3.463	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	14872	3.611	ng	# 1
77) Benzidine	12.974	184	12673	2.142	ng	# 92

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

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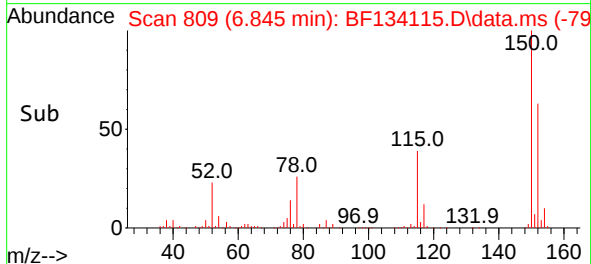
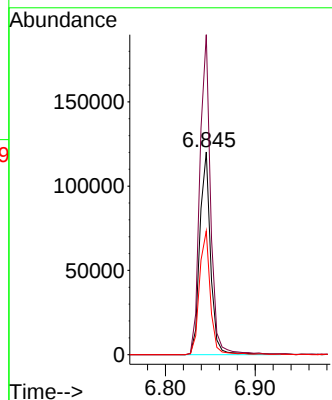
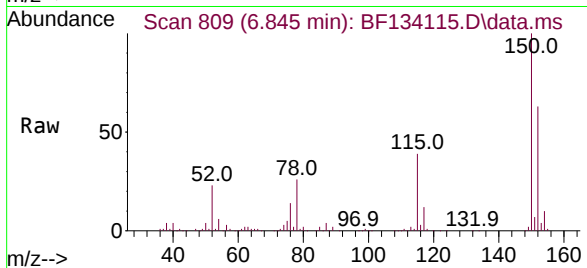




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

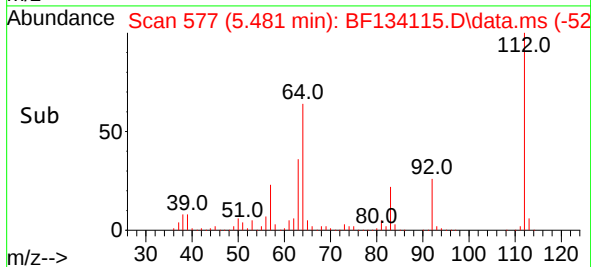
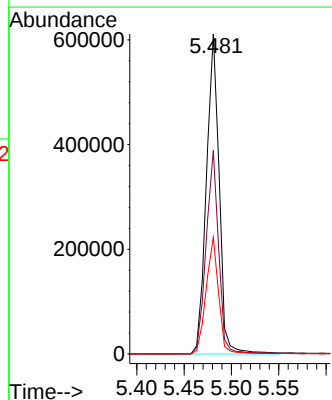
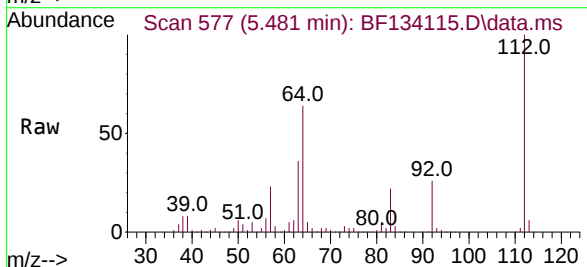
Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

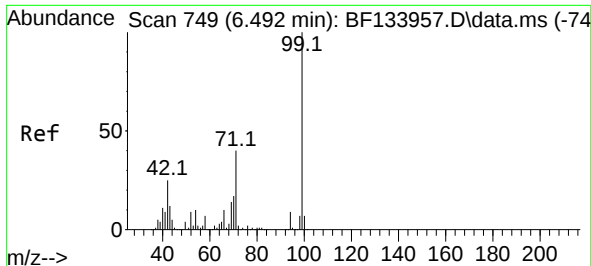
Tgt Ion:152 Resp: 100622
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 61.1 50.2 75.2



#5
2-Fluorophenol
Concen: 95.420 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion:112 Resp: 573979
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.5 28.6 42.8

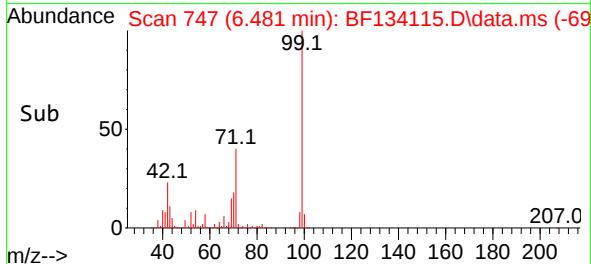
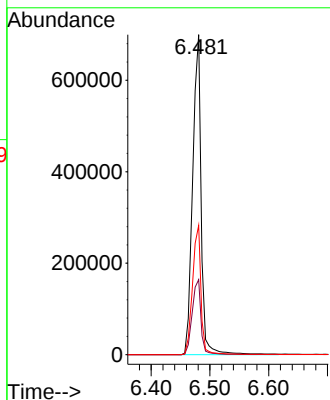
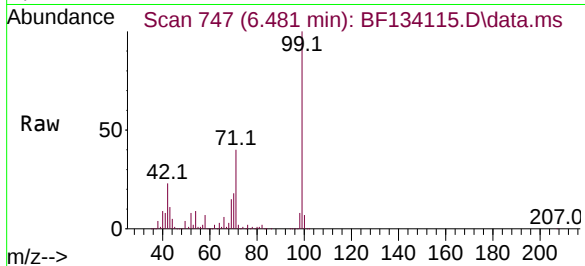




#7
Phenol-d6
Concen: 95.926 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

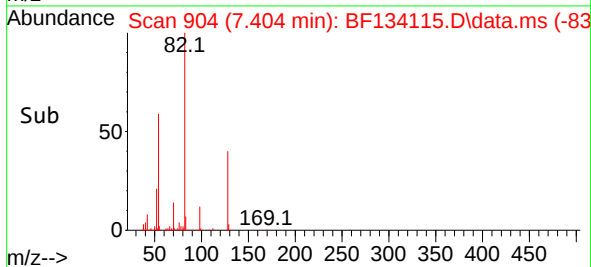
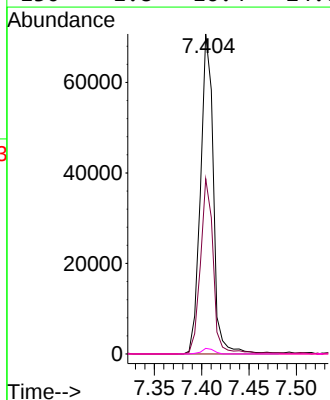
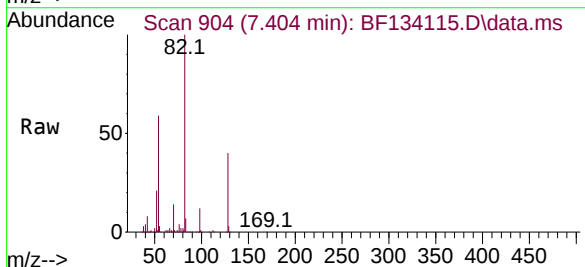
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BNA_F
ClientSampleId :
SB-3(8-10)

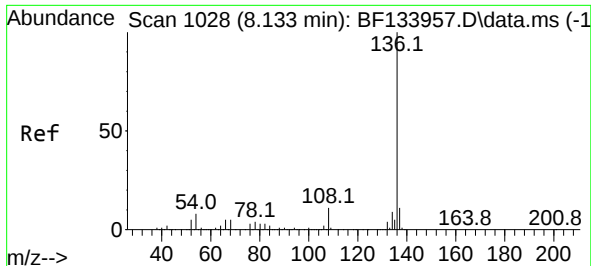
Tgt Ion: 99 Resp: 709628
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 40.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.331 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion: 70 Resp: 67230
Ion Ratio Lower Upper
70 100
42 54.8 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



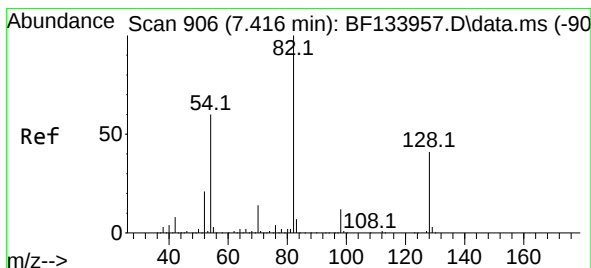
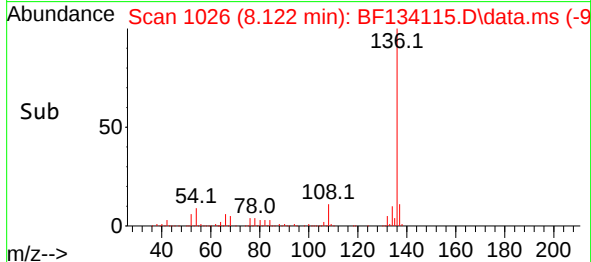
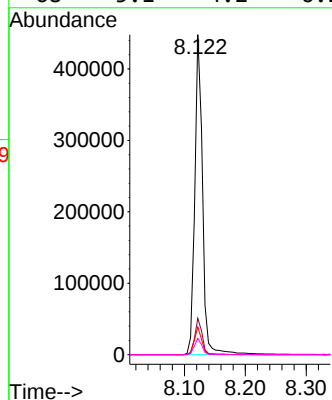
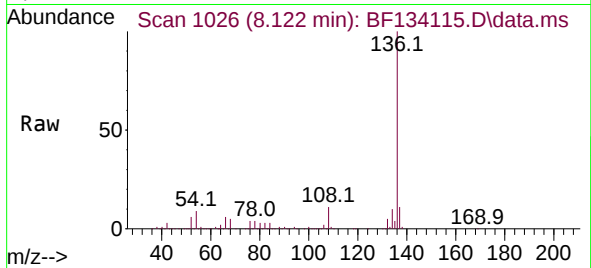


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

Tgt Ion:136 Resp: 395440

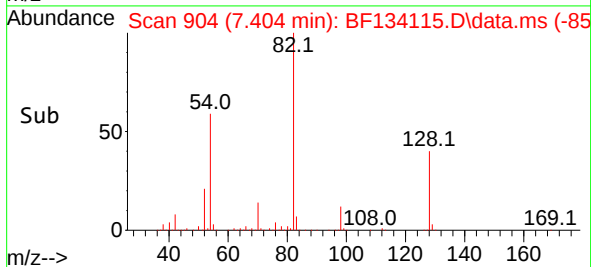
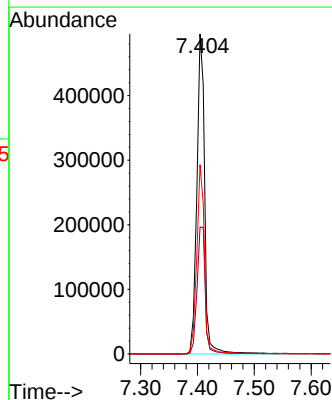
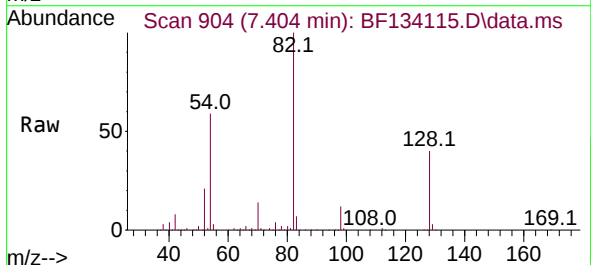
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.7	6.5	9.7
68	5.1	4.2	6.2

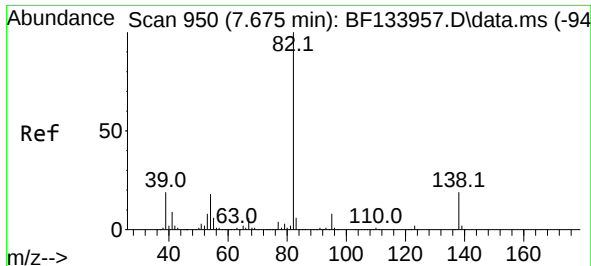


#23
Nitrobenzene-d5
Concen: 65.010 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion: 82 Resp: 476905

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	59.2	48.2	72.2

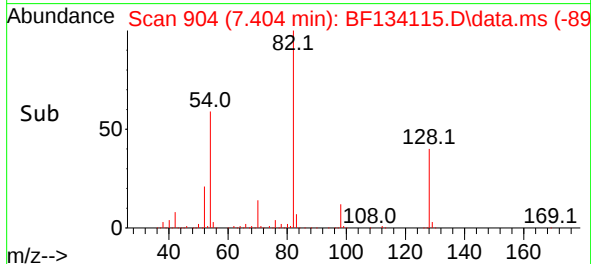
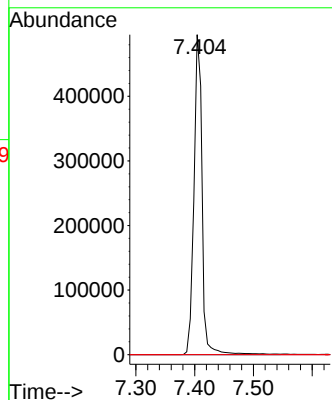
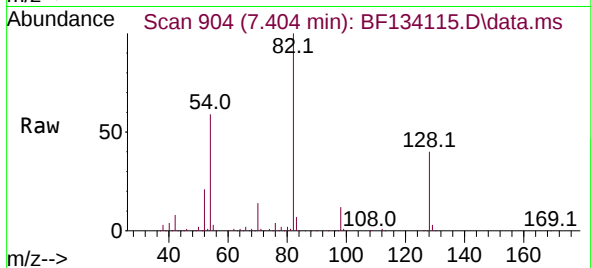




#25
Isophorone
Concen: 35.770 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

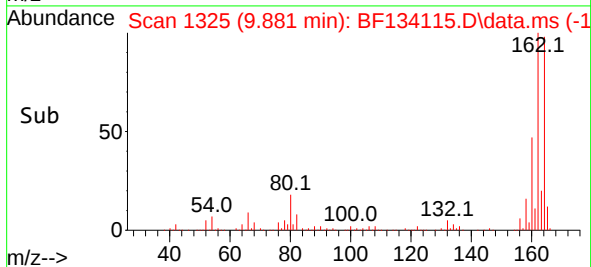
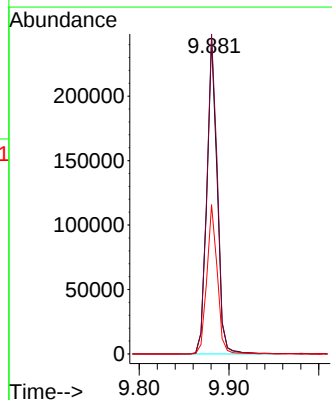
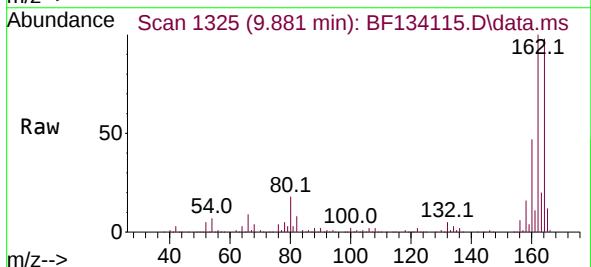
Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

Tgt Ion: 82 Resp: 476902
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: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion: 164 Resp: 194702
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 47.4 35.9 53.9

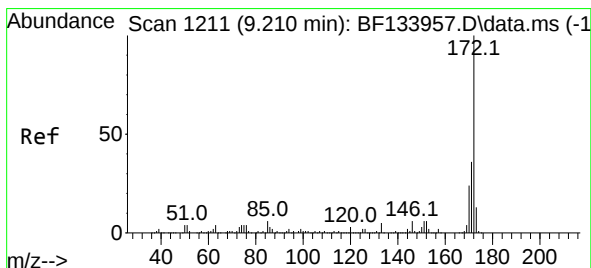
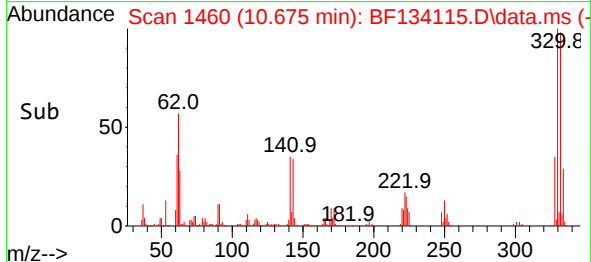
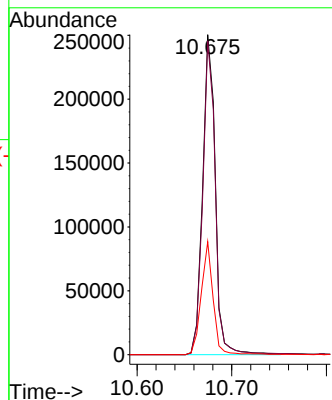
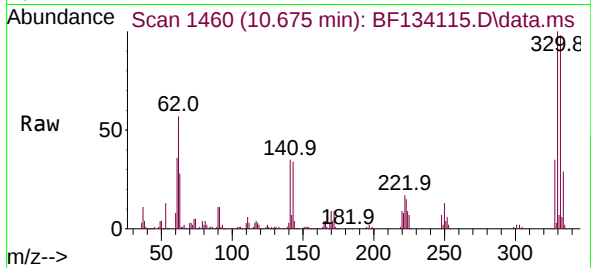




#42
2,4,6-Tribromophenol
Concen: 95.091 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

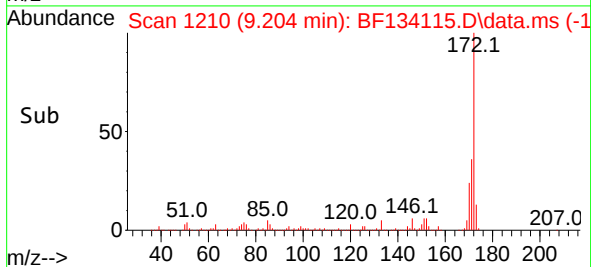
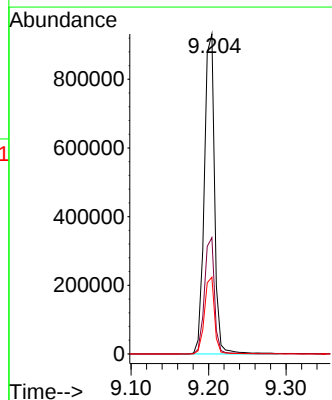
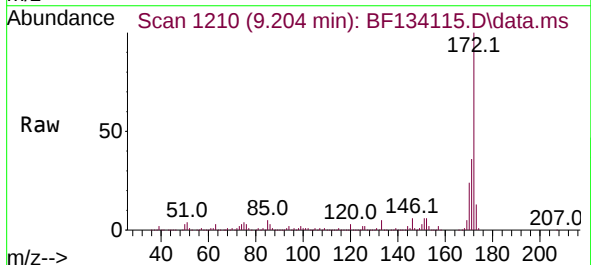
Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

Tgt Ion:330 Resp: 232134
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 64.056 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion:172 Resp: 857826
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.0 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.277 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134115.D

Acq: 07 Jul 2023 01:21

Instrument :

BNA_F

ClientSampleId :

SB-3(8-10)

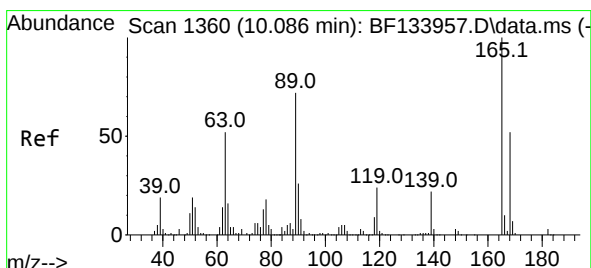
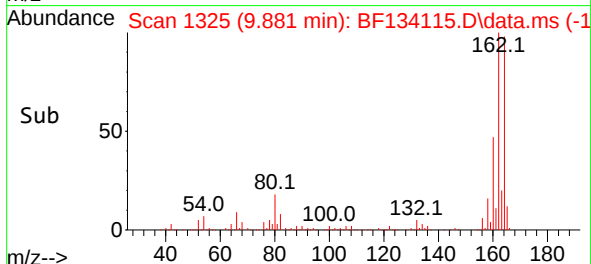
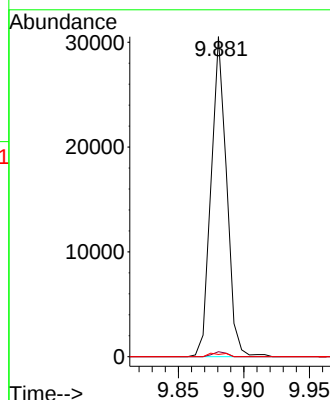
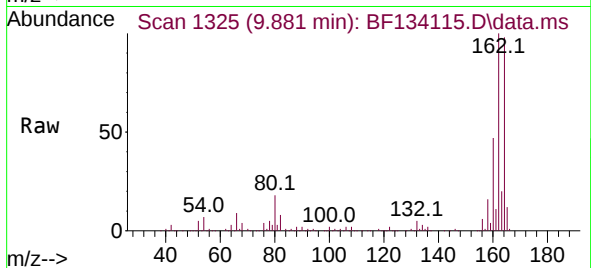
Tgt Ion:165 Resp: 25197

Ion Ratio Lower Upper

165 100

63 1.6 48.5 72.7#

89 0.7 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.268 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134115.D

Acq: 07 Jul 2023 01:21

Tgt Ion:165 Resp: 25197

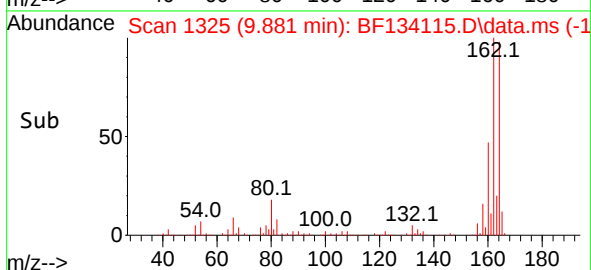
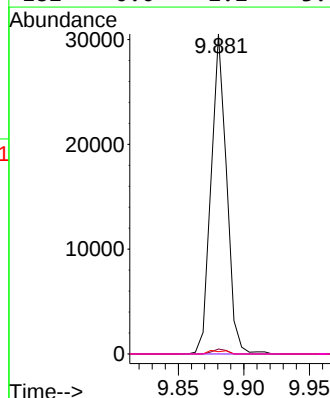
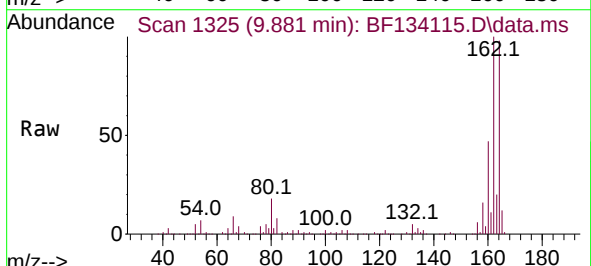
Ion Ratio Lower Upper

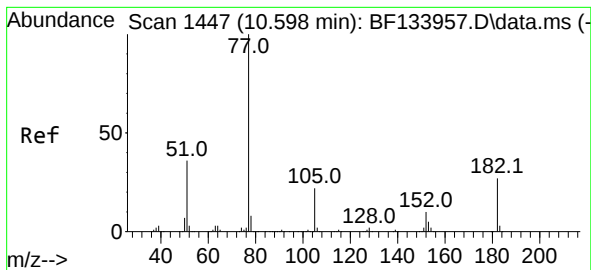
165 100

63 1.6 42.2 63.2#

89 0.7 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.463 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF134115.D

Acq: 07 Jul 2023 01:21

Instrument :

BNA_F

ClientSampleId :

SB-3(8-10)

Tgt Ion: 77 Resp: 48230

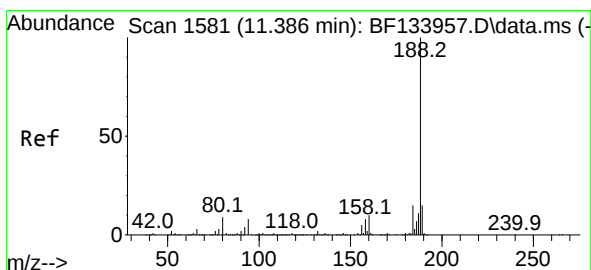
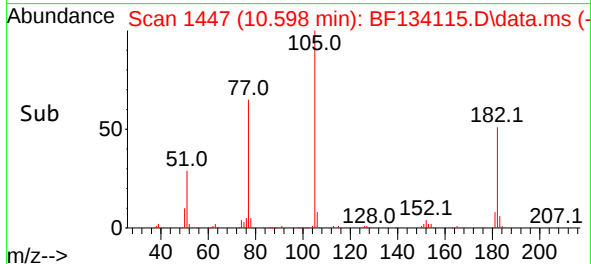
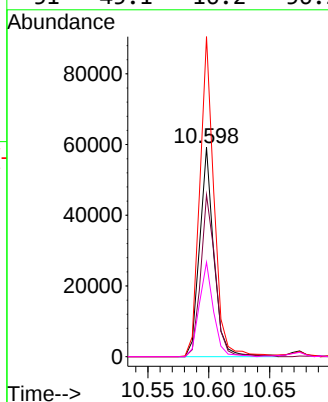
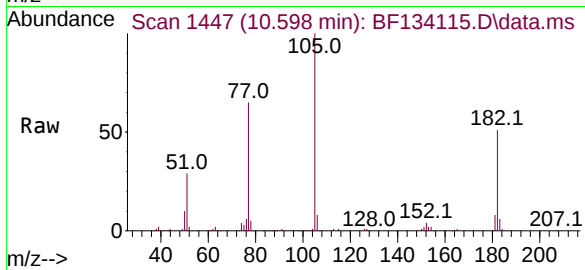
Ion Ratio Lower Upper

77 100

182 77.3 6.8 46.8#

105 152.9 2.3 42.3#

51 45.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134115.D

Acq: 07 Jul 2023 01:21

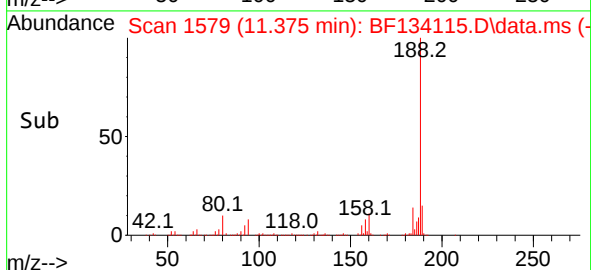
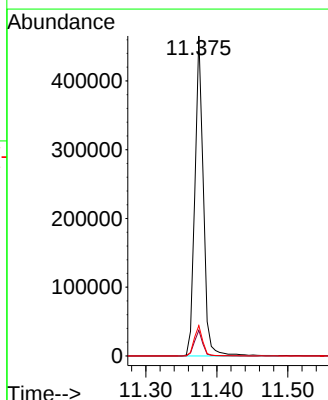
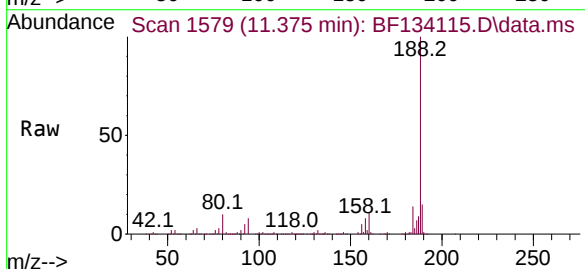
Tgt Ion:188 Resp: 387501

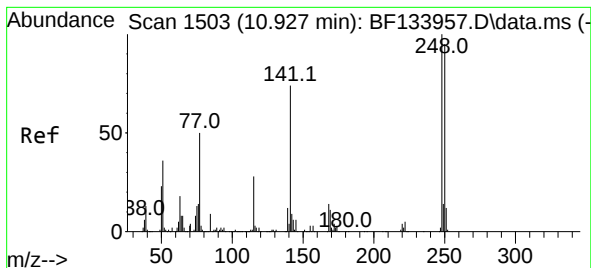
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.5 7.3 10.9

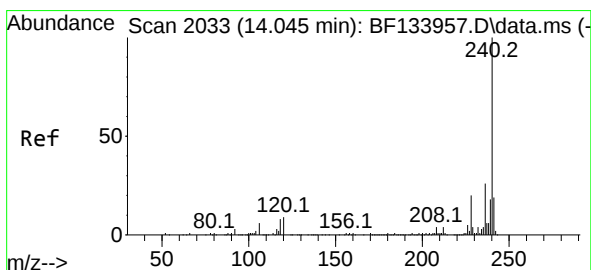
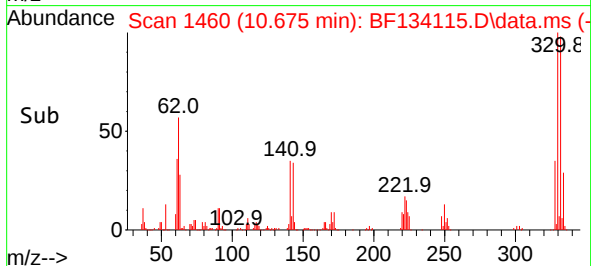
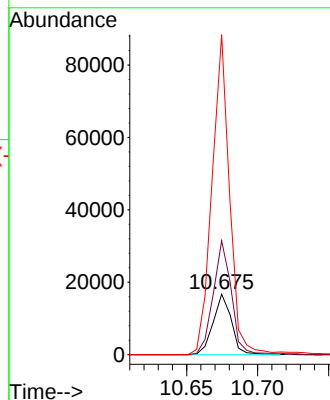
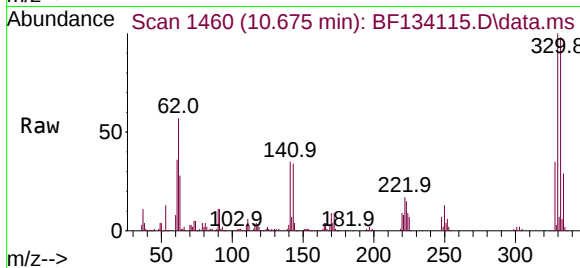




#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

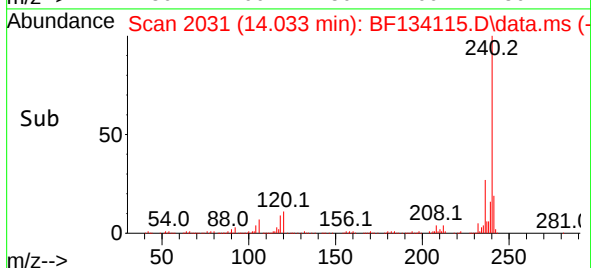
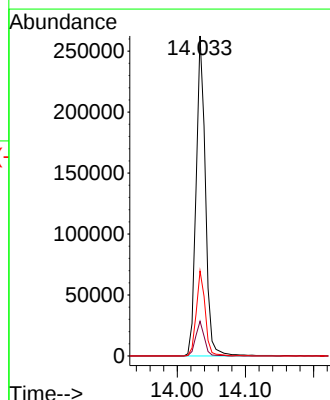
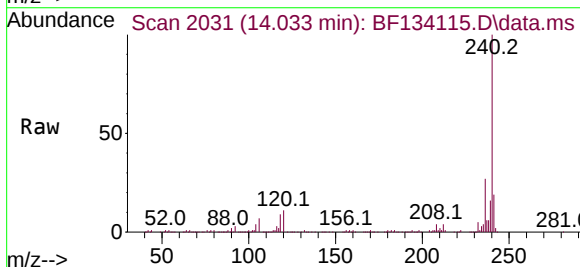
Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

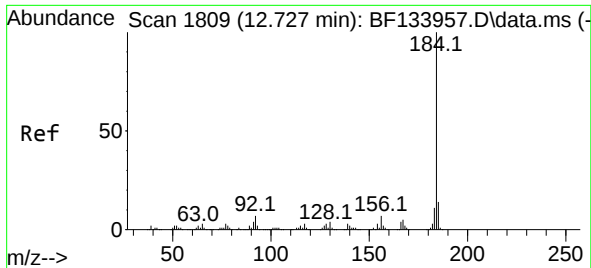
Tgt Ion:248 Resp: 14872
Ion Ratio Lower Upper
248 100
250 188.6 76.2 114.4#
141 529.6 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion:240 Resp: 248689
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.0
236 26.6 21.0 31.6

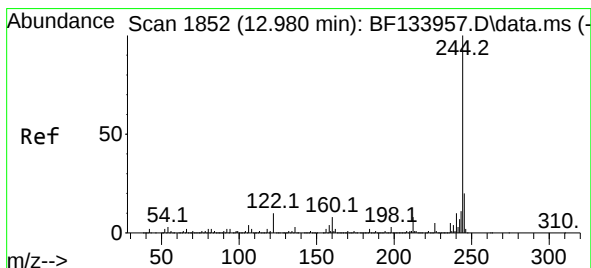
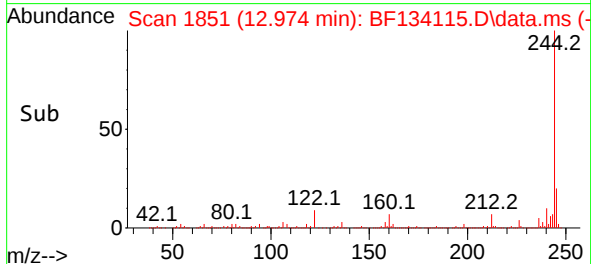
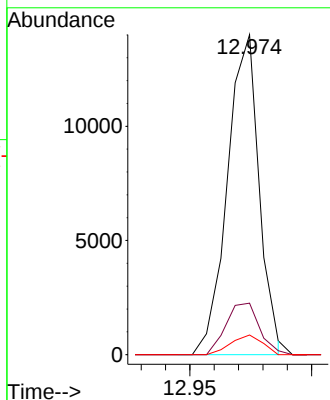
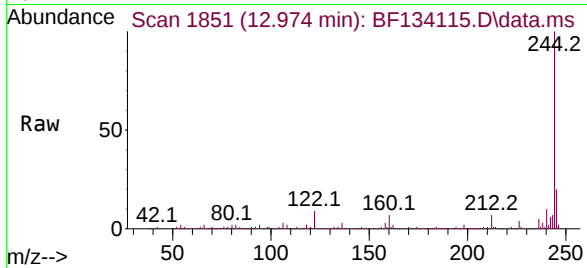




#77
Benzidine
Concen: 2.142 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

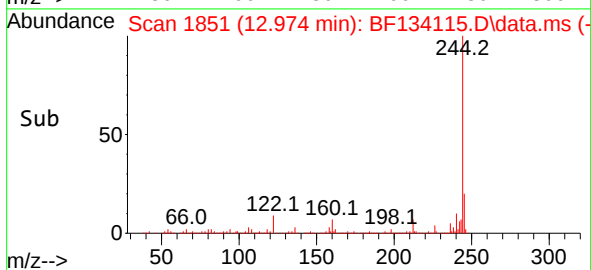
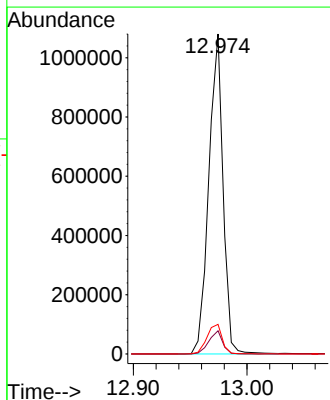
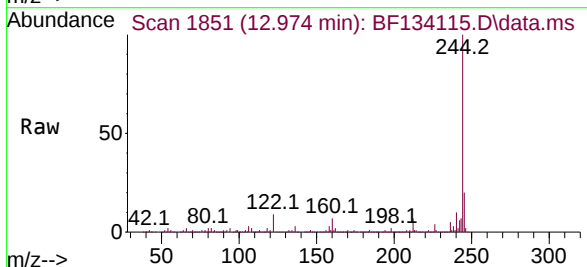
Instrument :
BNA_F
ClientSampleId :
SB-3(8-10)

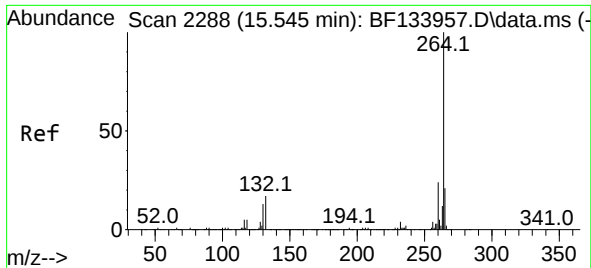
Tgt Ion:184 Resp: 12673
Ion Ratio Lower Upper
184 100
185 16.1 11.6 17.4
183 6.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 60.871 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134115.D
Acq: 07 Jul 2023 01:21

Tgt Ion:244 Resp: 940579
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF134115.D
 Acq: 07 Jul 2023 01:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(8-10)

Tgt Ion:264 Resp: 207364
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.2 16.6 25.0

