

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133854.D
 Acq On : 20 Jun 2023 13:57
 Operator : CG\JU
 Sample : 03282-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001

Quant Time: Jun 20 14:50:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

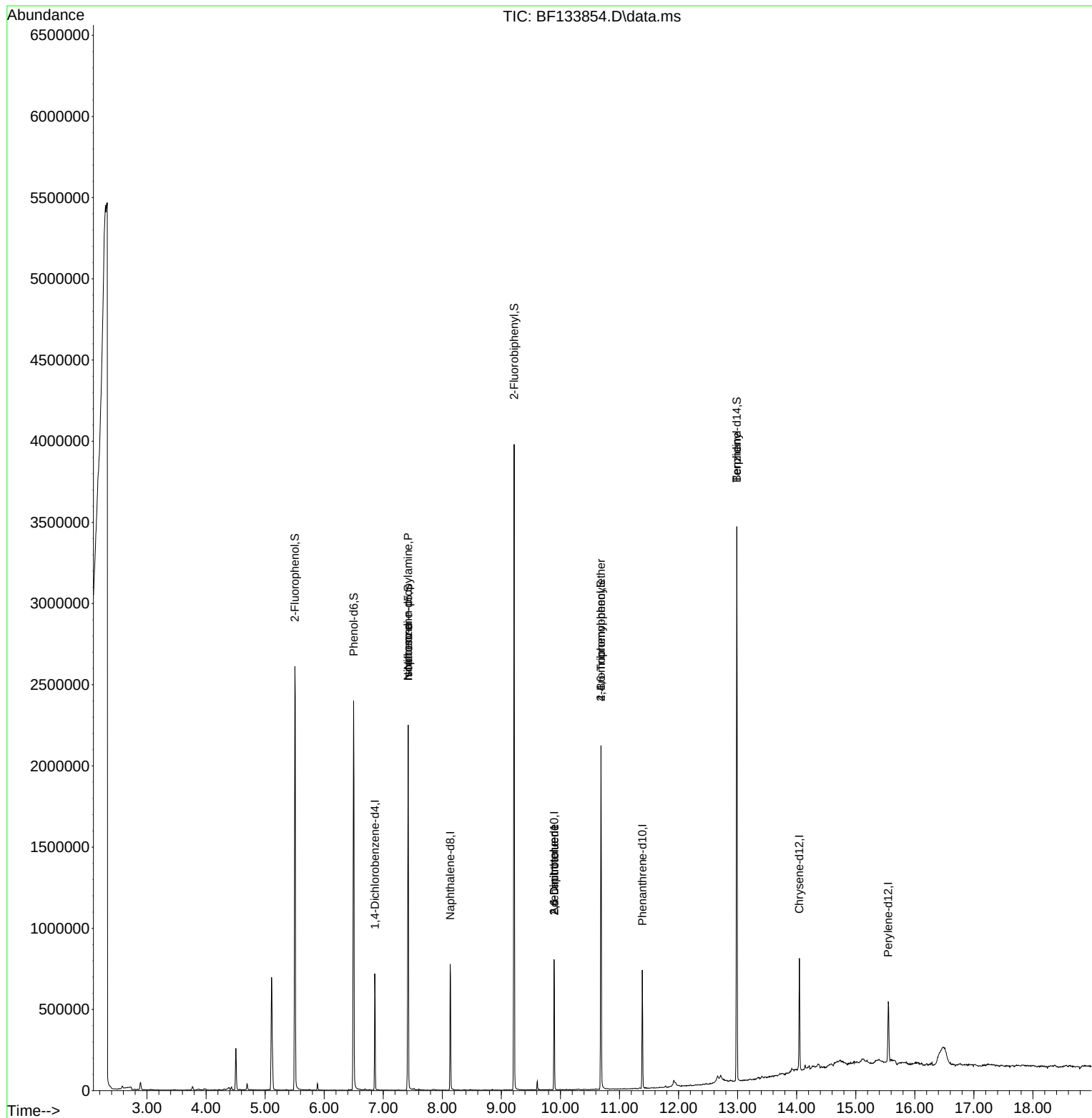
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	95981	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	344958	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	150392	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	251319	20.000	ng	0.00
76) Chrysene-d12	14.045	240	229393	20.000	ng	0.00
86) Perylene-d12	15.551	264	183137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	727622	131.976	ng	0.02
7) Phenol-d6	6.498	99	800335	111.522	ng	0.00
23) Nitrobenzene-d5	7.422	82	655424	103.487	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	237835	124.933	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1109835	104.902	ng	0.00
79) Terphenyl-d14	12.986	244	1174726	79.240	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	93555	20.489	ng	# 77
25) Isophorone	7.422	82	655418	56.369	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	19631	8.472	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	19631	6.662	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	14469	5.158	ng	# 1
77) Benizidine	12.986	184	17204	2.235	ng	# 91

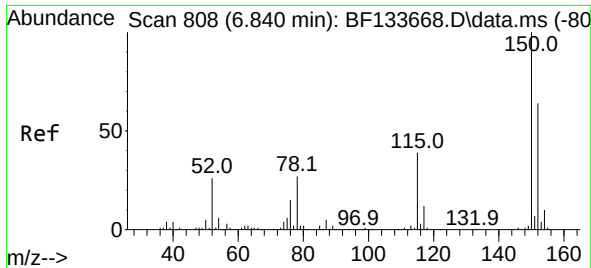
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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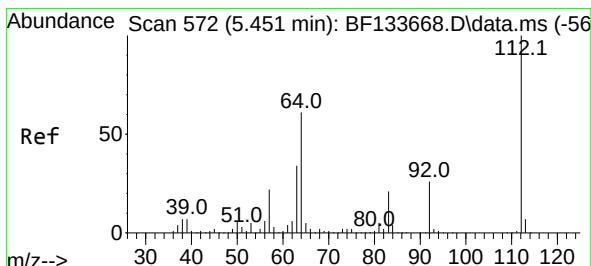
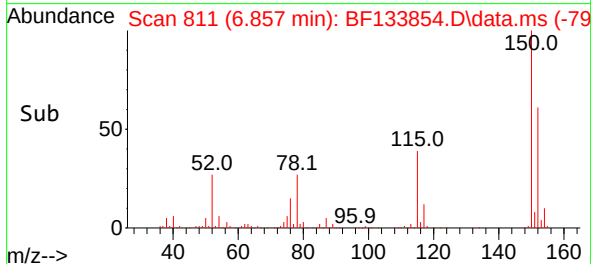
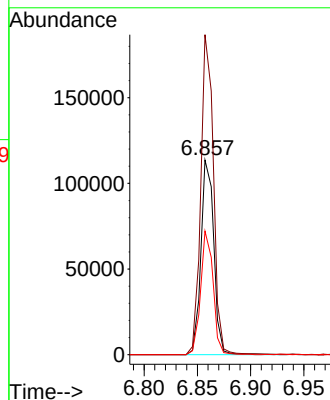
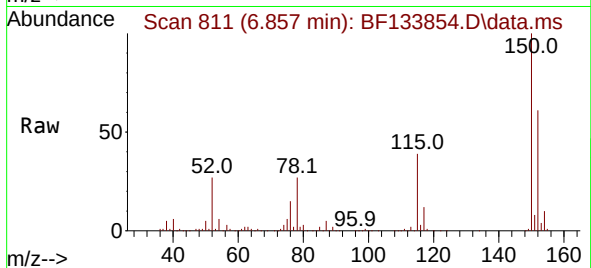




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

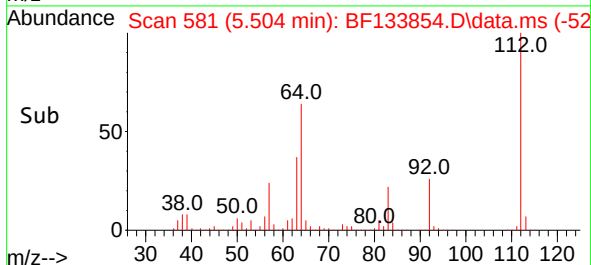
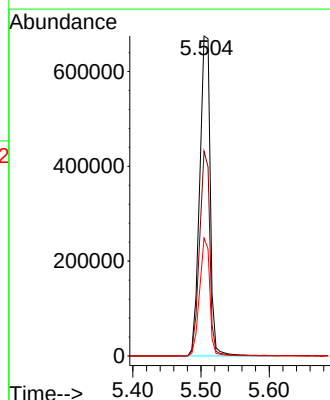
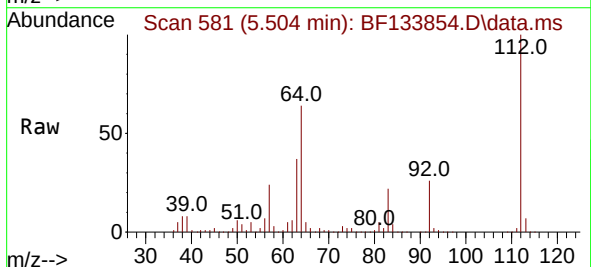
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

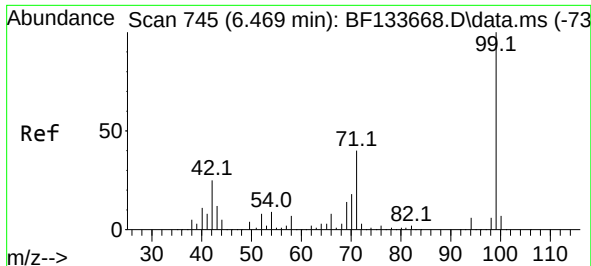
Tgt Ion:152 Resp: 95981
Ion Ratio Lower Upper
152 100
150 164.5 124.3 186.5
115 63.5 48.5 72.7



#5
2-Fluorophenol
Concen: 131.976 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

Tgt Ion:112 Resp: 727622
Ion Ratio Lower Upper
112 100
64 63.9 49.0 73.4
63 36.8 26.8 40.2

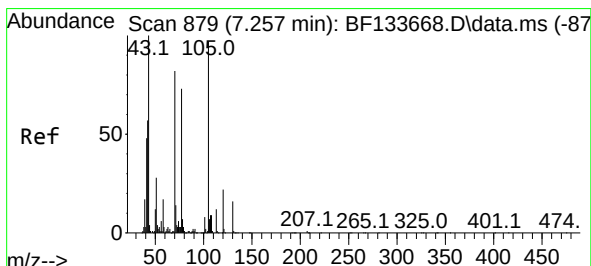
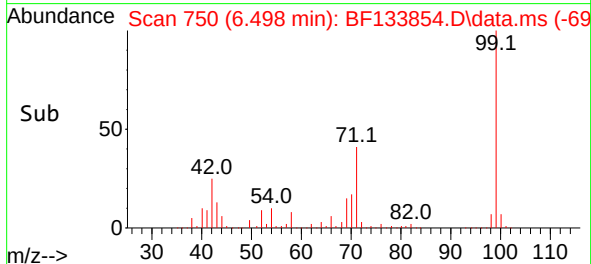
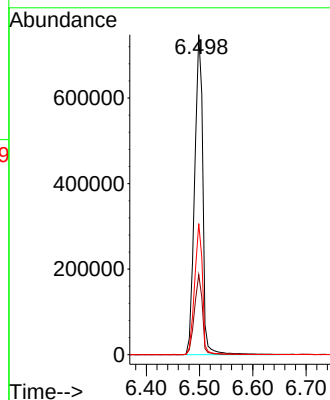
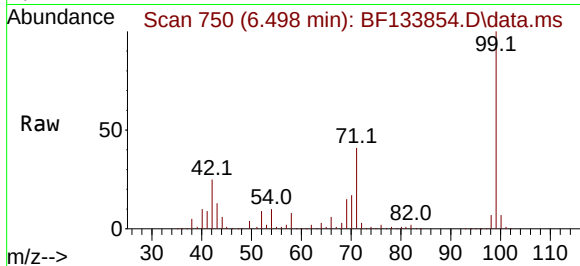




#7
Phenol-d6
Concen: 111.522 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

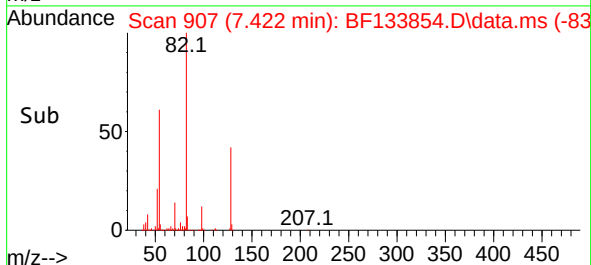
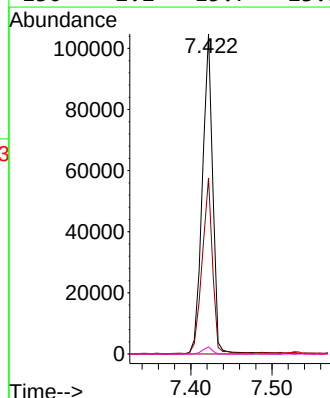
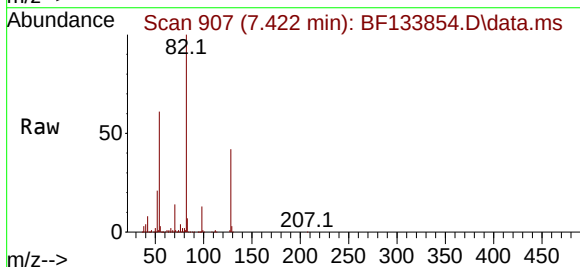
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

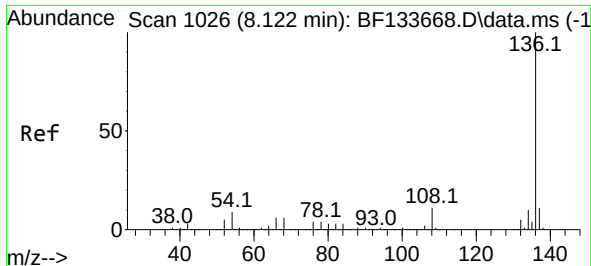
Tgt Ion: 99 Resp: 800335
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 40.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.489 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

Tgt Ion: 70 Resp: 93555
Ion Ratio Lower Upper
70 100
42 55.0 55.8 83.8#
101 0.0 8.1 12.1#
130 2.2 15.7 23.5#

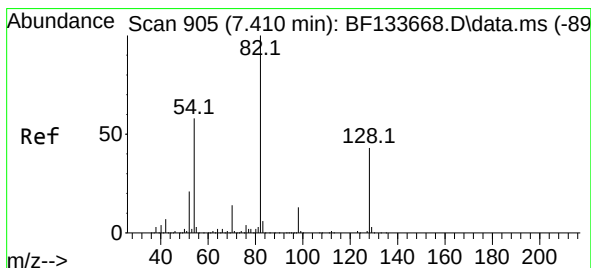
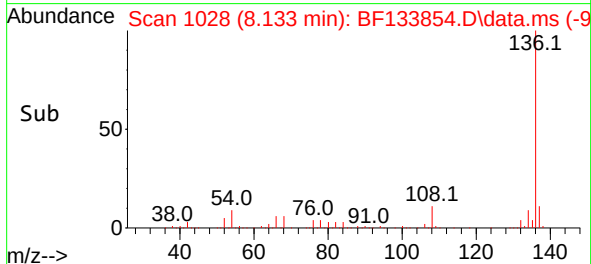
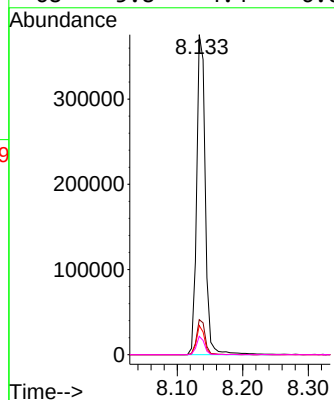
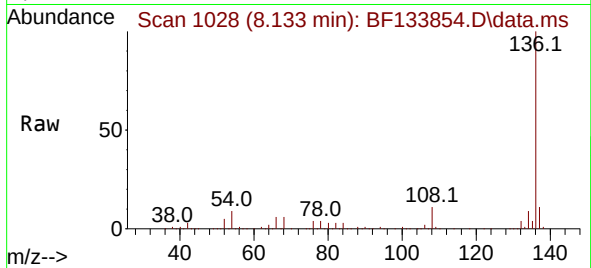




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

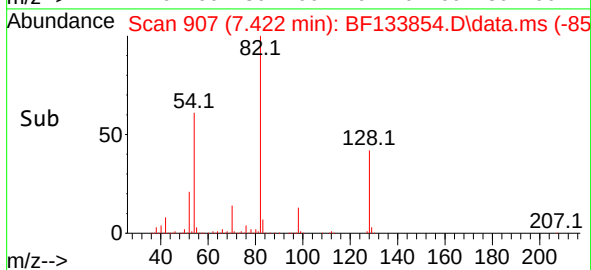
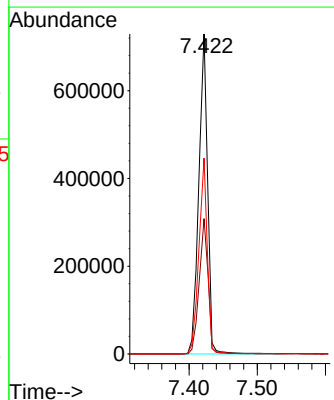
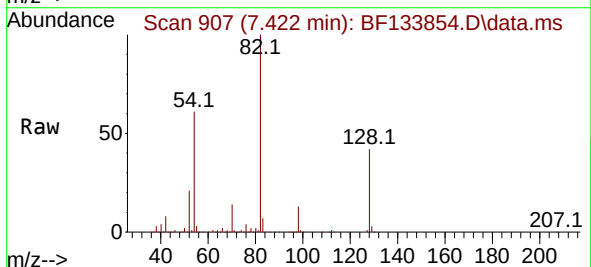
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

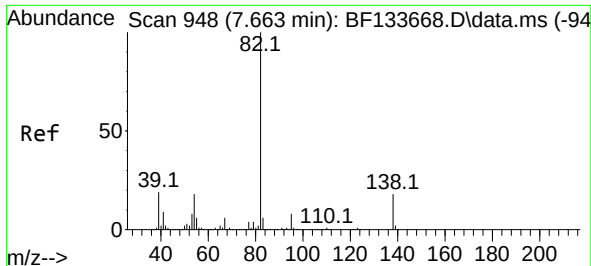
Tgt Ion:	136	Resp:	344958
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.1	7.4	11.0
68	5.8	4.4	6.6



#23
Nitrobenzene-d5
Concen: 103.487 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

Tgt Ion:	82	Resp:	655424
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.2	51.2
54	61.2	46.5	69.7

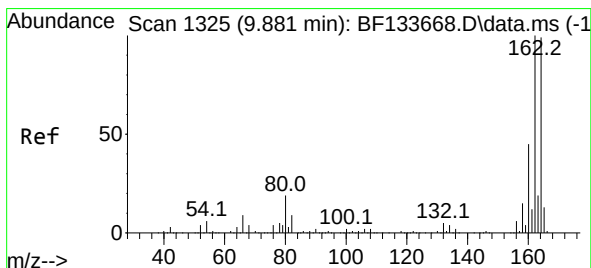
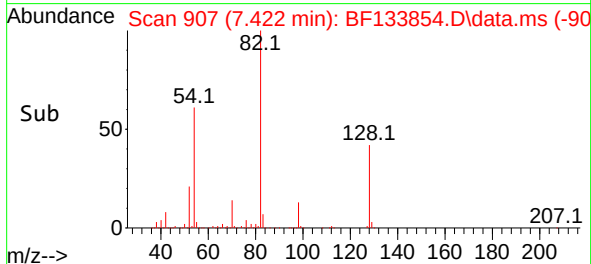
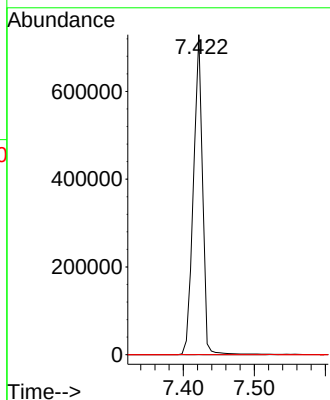
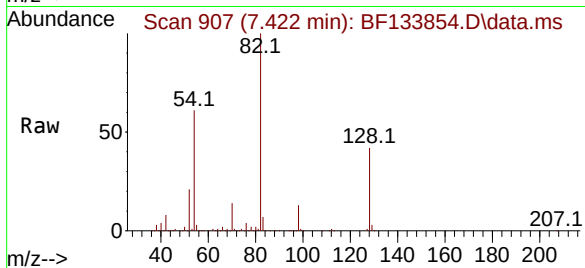




#25
Isophorone
Concen: 56.369 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

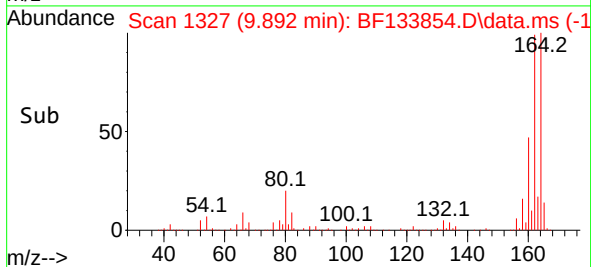
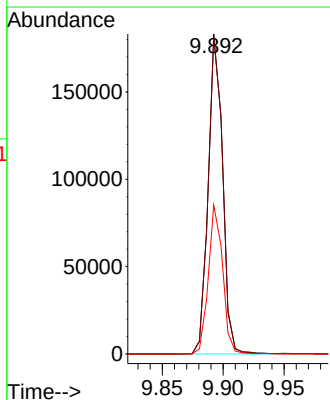
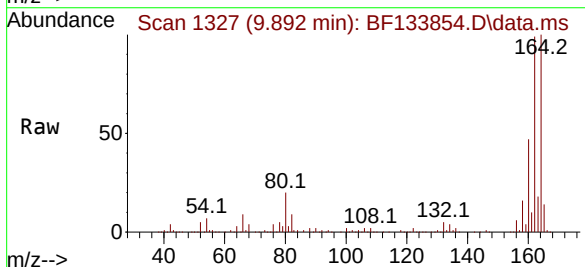
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

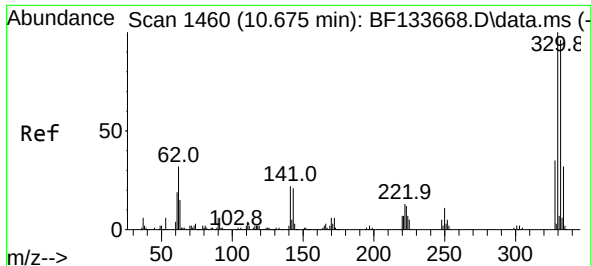
Tgt Ion: 82 Resp: 655418
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

Tgt Ion: 164 Resp: 150392
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 46.6 36.7 55.1

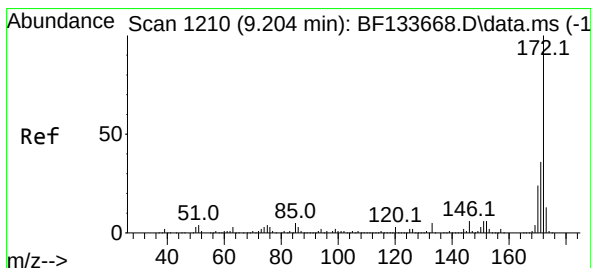
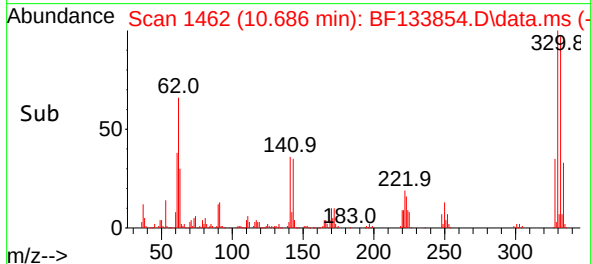
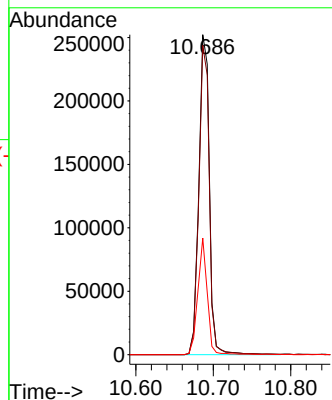
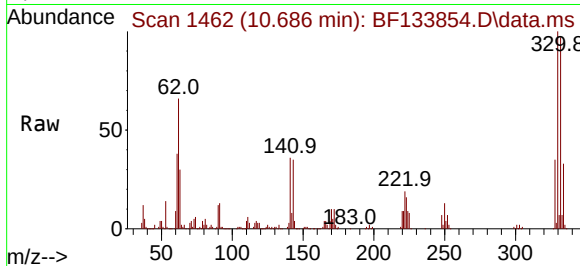




#42
2,4,6-Tribromophenol
Concen: 124.933 ng
RT: 10.686 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

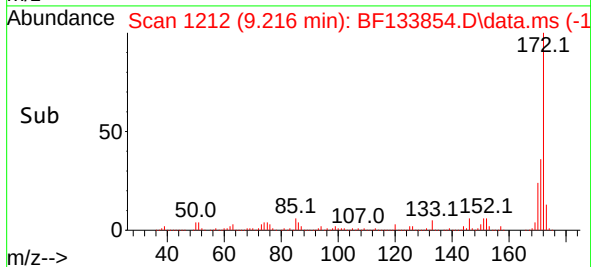
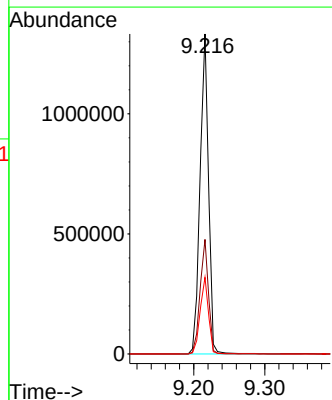
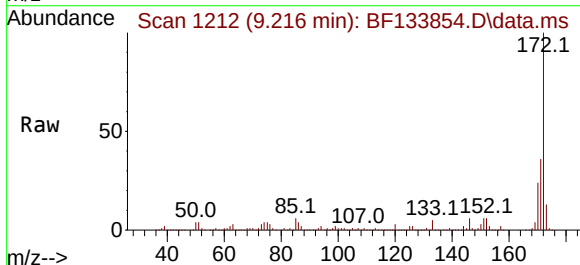
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

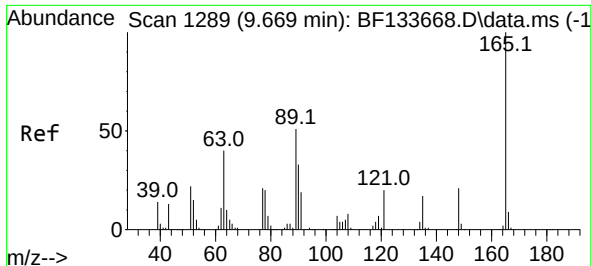
Tgt Ion:330 Resp: 237835
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 32.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 104.902 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF133854.D
Acq: 20 Jun 2023 13:57

Tgt Ion:172 Resp: 1109835
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.472 ng

RT: 9.892 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

Instrument :

BNA_F

ClientSampleId :

WC-NEX-001

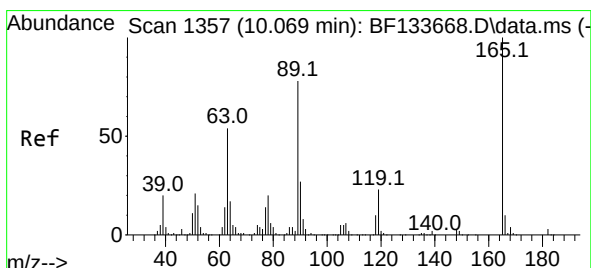
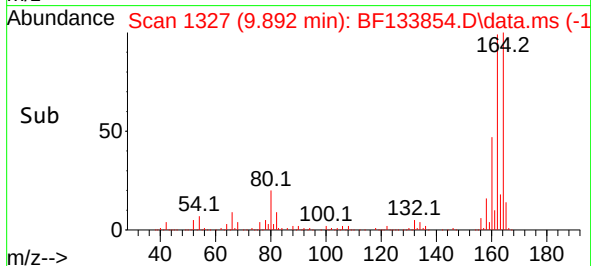
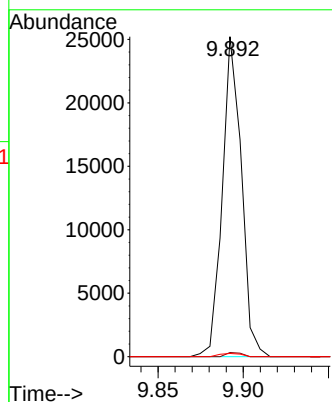
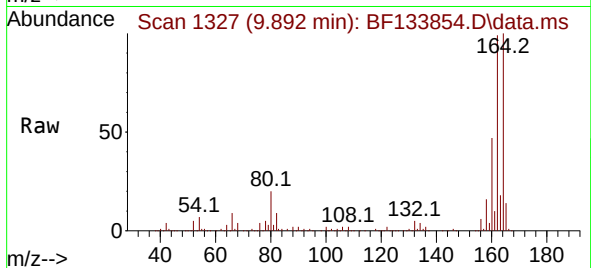
Tgt Ion:165 Resp: 19631

Ion Ratio Lower Upper

165 100

63 1.3 42.1 63.1#

89 1.0 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.662 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.194 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

Tgt Ion:165 Resp: 19631

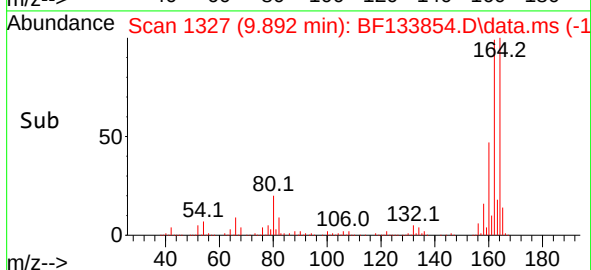
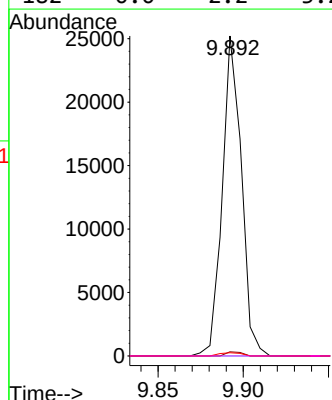
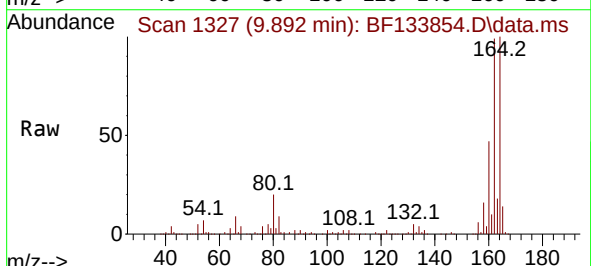
Ion Ratio Lower Upper

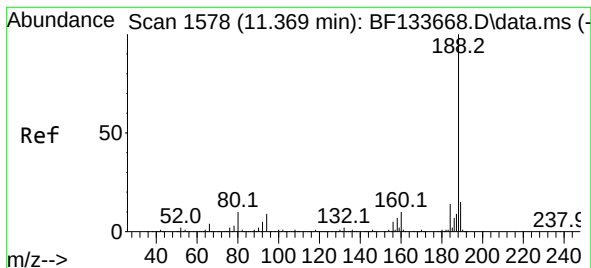
165 100

63 1.3 43.0 64.6#

89 1.0 62.6 93.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

Instrument :

BNA_F

ClientSampleId :

WC-NEX-001

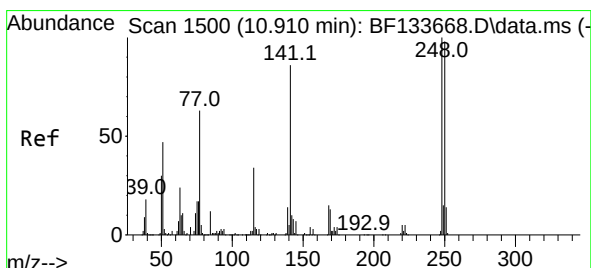
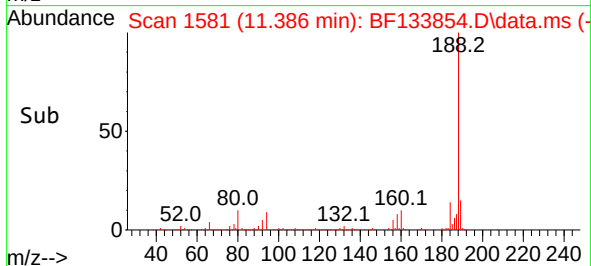
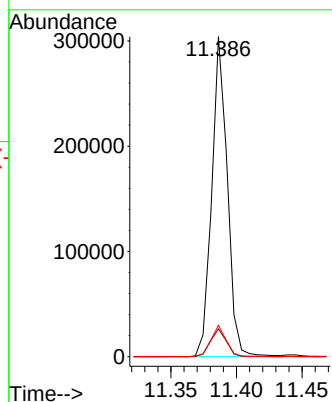
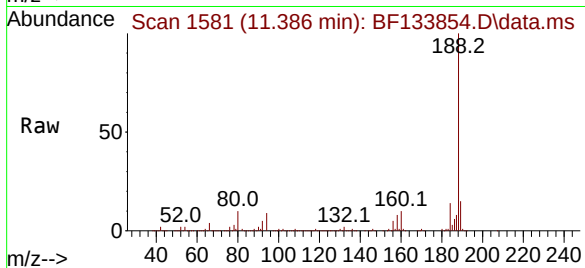
Tgt Ion:188 Resp: 251319

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.8 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 5.158 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

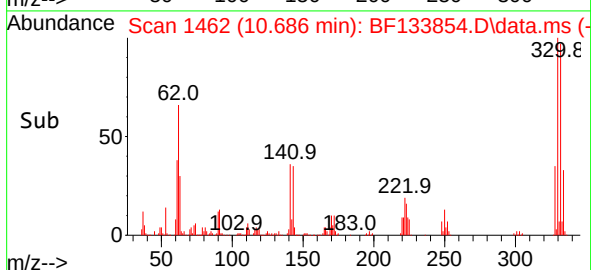
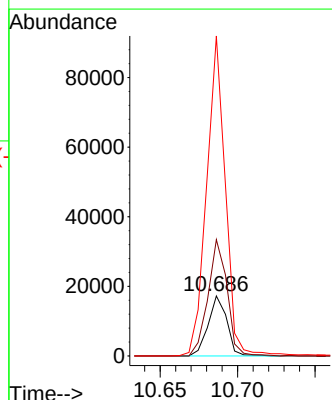
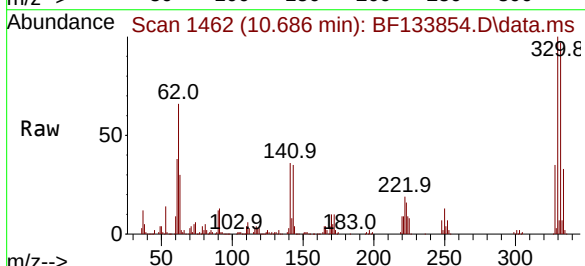
Tgt Ion:248 Resp: 14469

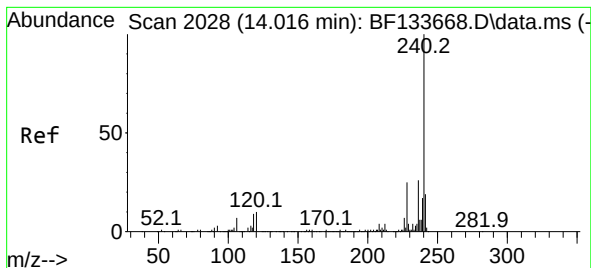
Ion Ratio Lower Upper

248 100

250 194.0 78.3 117.5#

141 533.3 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

Instrument :

BNA_F

ClientSampleId :

WC-NEX-001

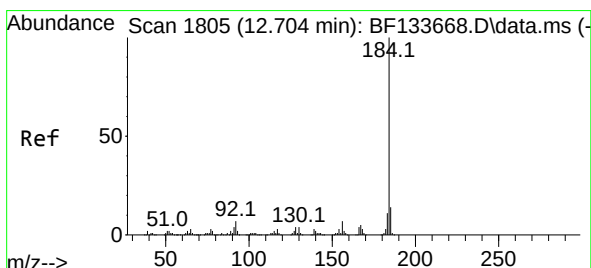
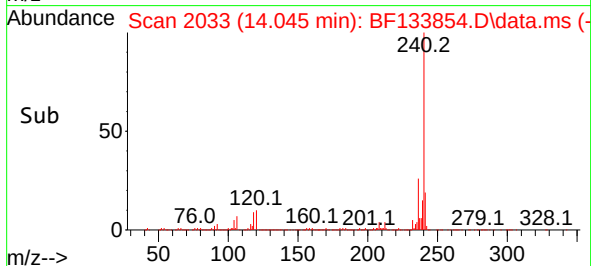
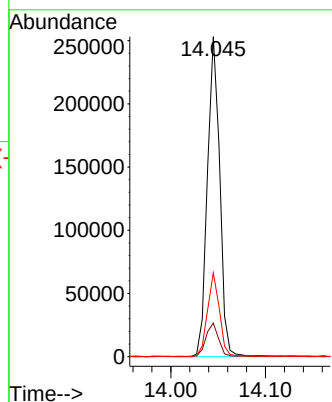
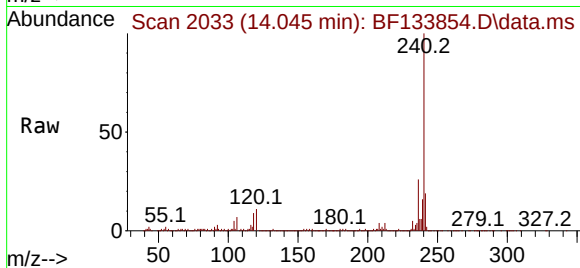
Tgt Ion:240 Resp: 229393

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 26.2 20.5 30.7



#77

Benidine

Concen: 2.235 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.253 min

Lab File: BF133854.D

Acq: 20 Jun 2023 13:57

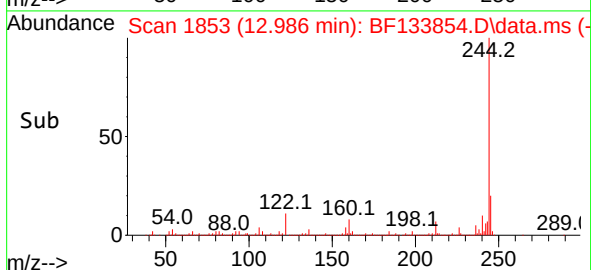
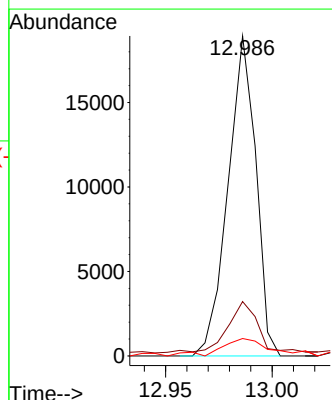
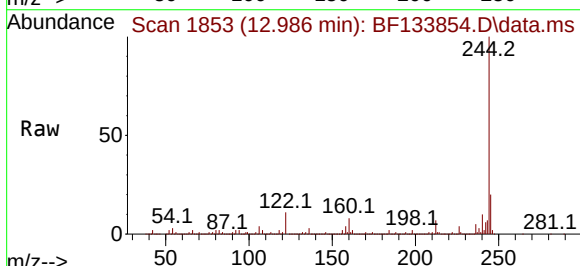
Tgt Ion:184 Resp: 17204

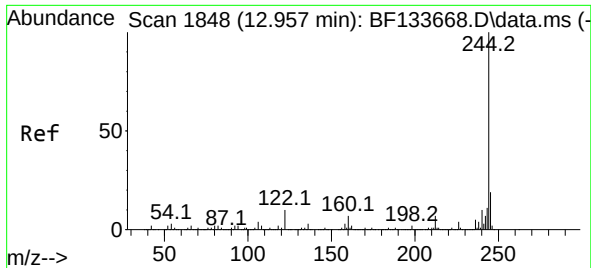
Ion Ratio Lower Upper

184 100

185 17.0 11.6 17.4

183 5.5 8.4 12.6#

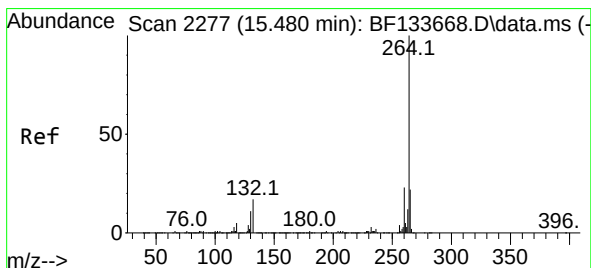
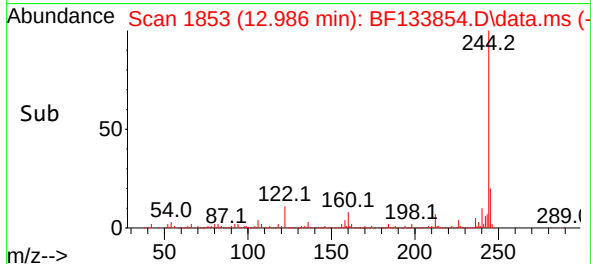
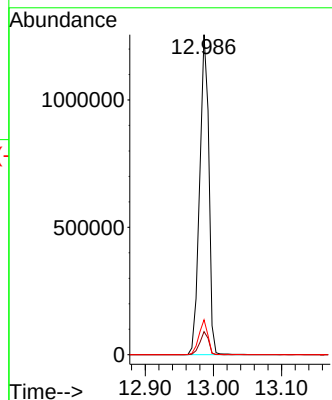
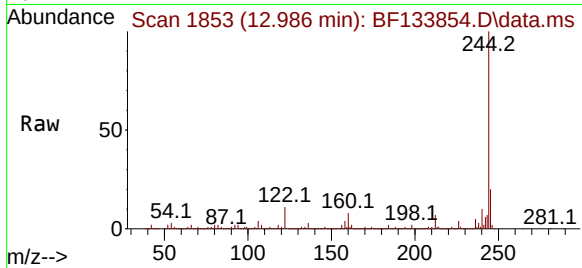




#79
 Terphenyl-d14
 Concen: 79.240 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133854.D
 Acq: 20 Jun 2023 13:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001

Tgt Ion:244 Resp: 1174726
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BF133854.D
 Acq: 20 Jun 2023 13:57

Tgt Ion:264 Resp: 183137
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 22.1 17.8 26.6

