

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132026.D
 Acq On : 11 Jan 2023 16:51
 Operator : CG\JU
 Sample : 01072-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)

Quant Time: Jan 12 00:35:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

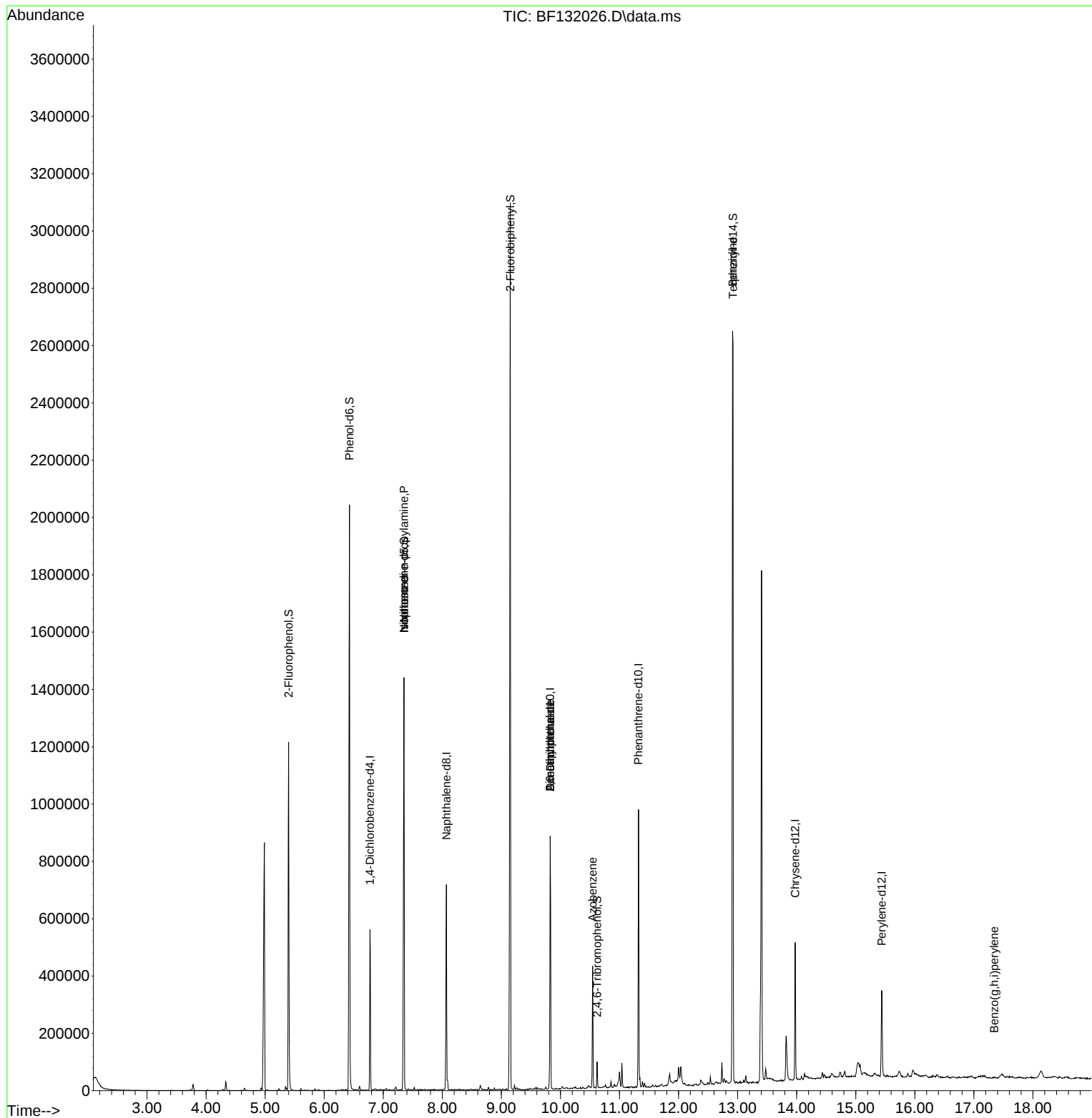
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	76177	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	286963	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	169419	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	321483	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	144842	20.000	ng	-0.01
86) Perylene-d12	15.439	264	138705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	290041	62.739	ng	0.00
7) Phenol-d6	6.428	99	646232	105.429	ng	0.00
23) Nitrobenzene-d5	7.351	82	500177	72.341	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	8195	4.207	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	936761	74.643	ng	-0.01
79) Terphenyl-d14	12.921	244	988728	97.839	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	70556	15.912	ng	# 77
25) Isophorone	7.351	82	495297	38.345	ng	# 69
50) Dimethylphthalate	9.828	163	34336	2.600	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	22026	7.930	ng	# 22
63) Azobenzene	10.545	77	71372	5.181	ng	# 1
77) Benzidine	12.916	184	16206	3.368	ng	# 94
92) Benzo(g,h,i)perylene	17.345	276	1221	3.673	ng	# 82

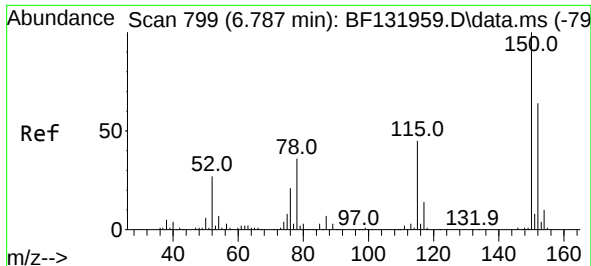
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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H-5-MIDDLE(4-8)

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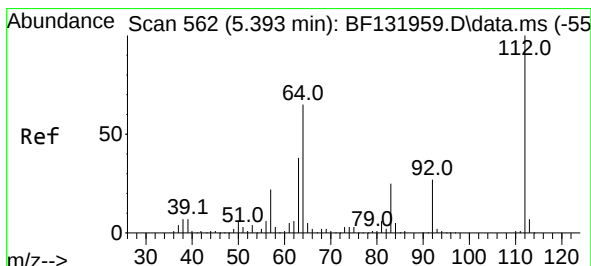
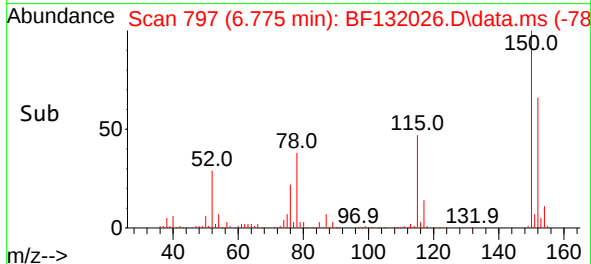
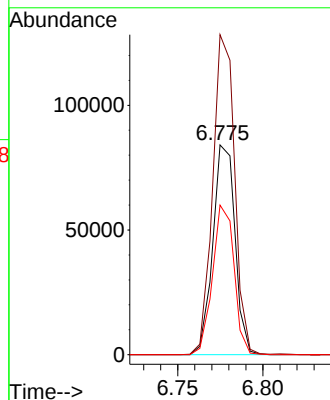
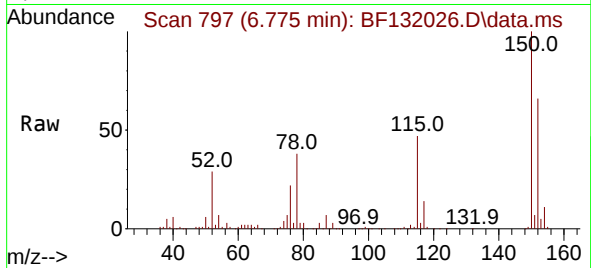




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

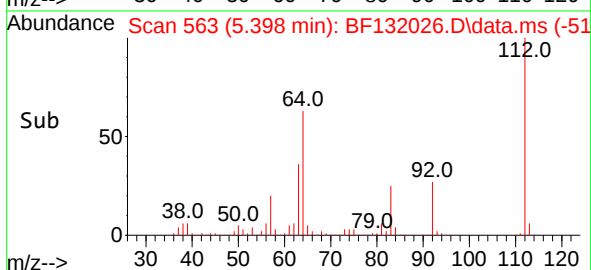
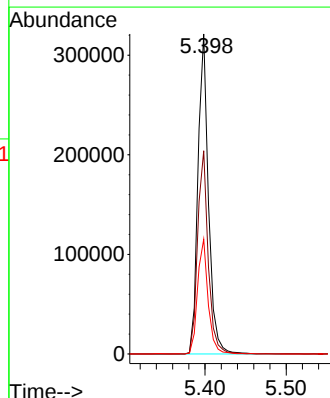
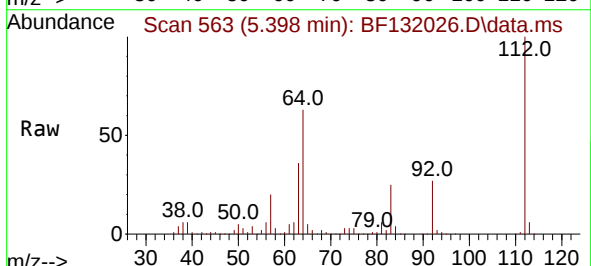
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)

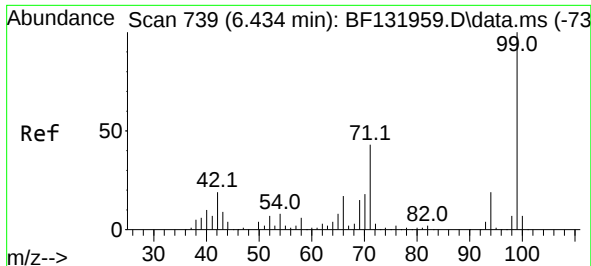
Tgt Ion:152 Resp: 76177
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.6 186.8
 115 71.3 55.6 83.4



#5
 2-Fluorophenol
 Concen: 62.739 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

Tgt Ion:112 Resp: 290041
 Ion Ratio Lower Upper
 112 100
 64 63.5 51.9 77.9
 63 35.9 30.2 45.2

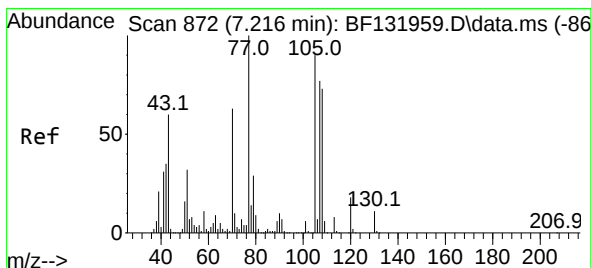
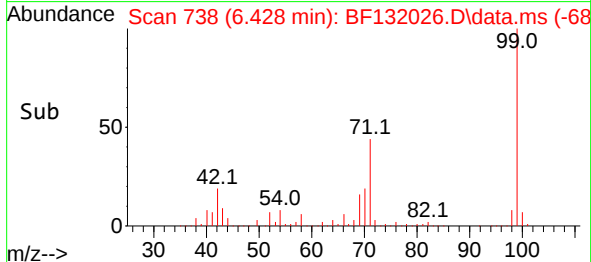
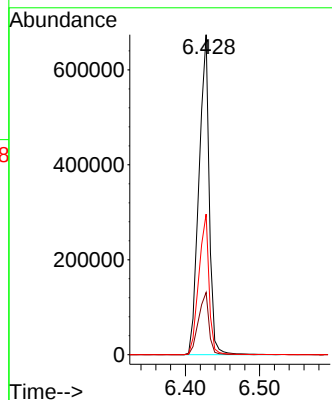
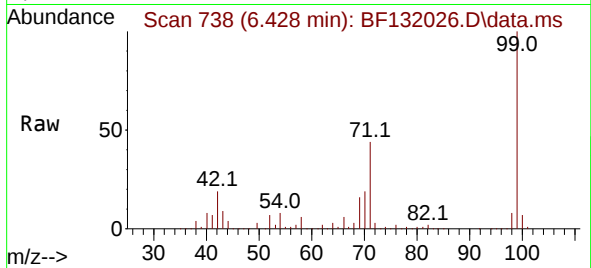




#7
Phenol-d6
Concen: 105.429 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

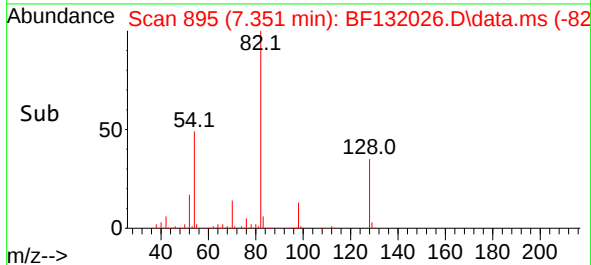
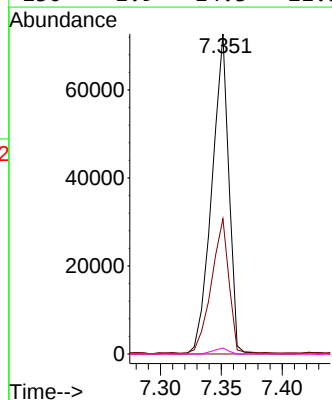
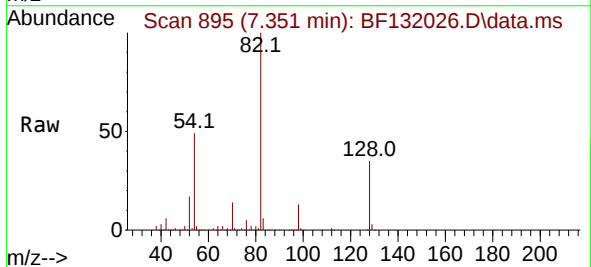
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

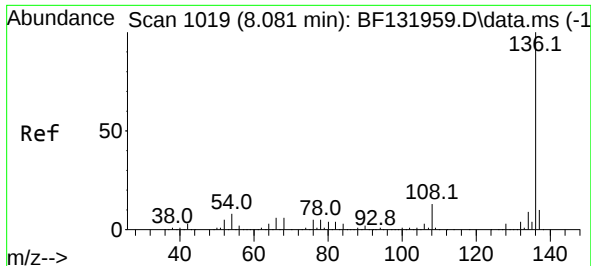
Tgt Ion: 99 Resp: 646232
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.2
71 43.9 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.912 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion: 70 Resp: 70556
Ion Ratio Lower Upper
70 100
42 42.2 44.3 66.5#
101 0.0 7.5 11.3#
130 1.9 14.3 21.5#



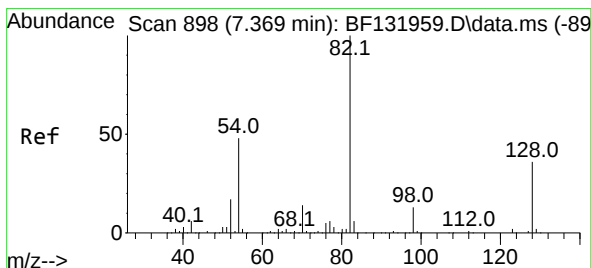
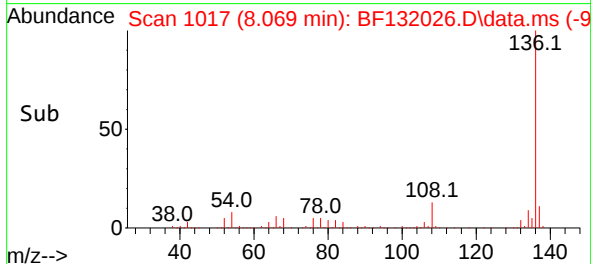
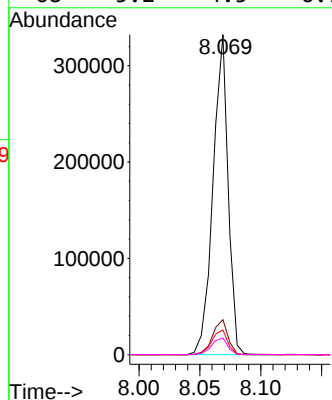
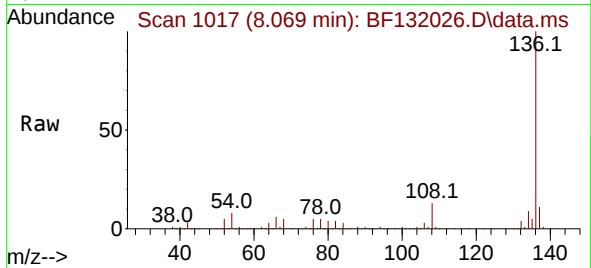


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

Tgt Ion:136 Resp: 286963

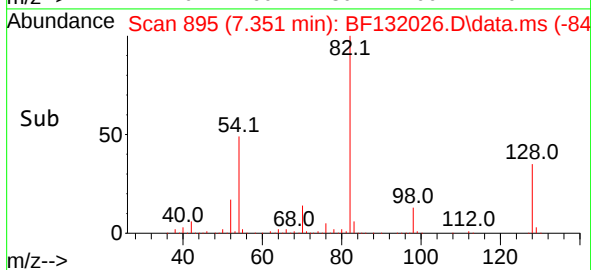
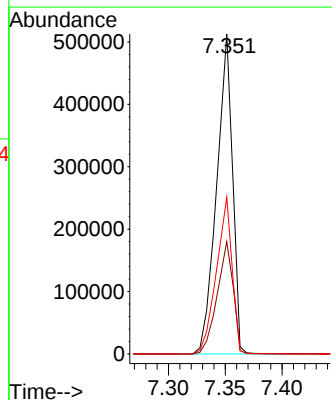
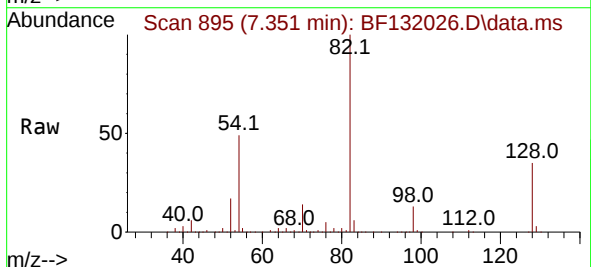
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	7.7	6.6	9.8
68	5.2	4.5	6.7

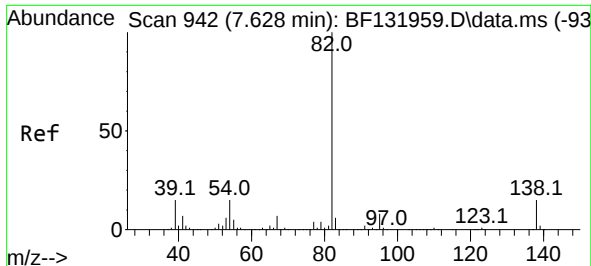


#23
Nitrobenzene-d5
Concen: 72.341 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion: 82 Resp: 500177

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.7	43.1
54	49.1	38.1	57.1

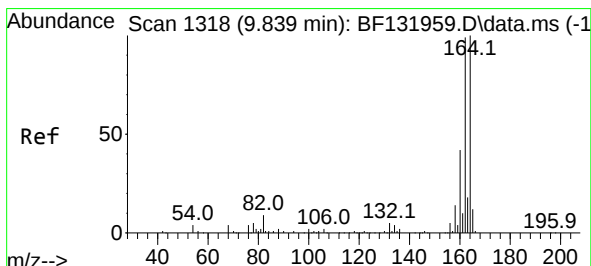
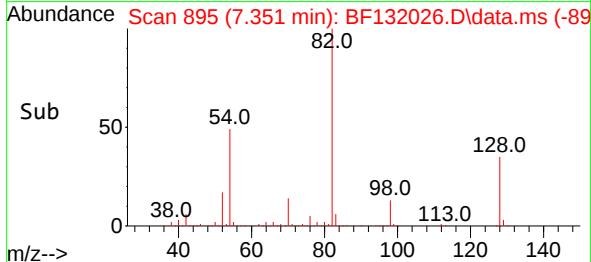
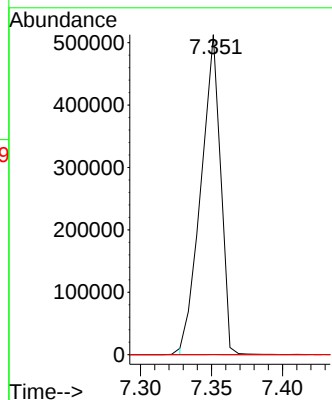
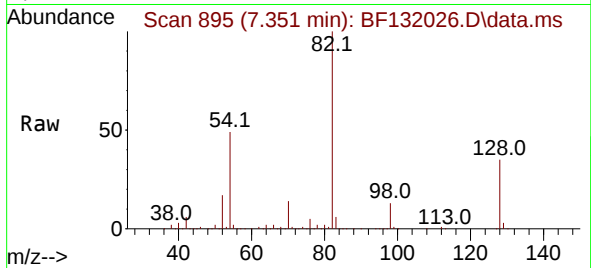




#25
Isophorone
Concen: 38.345 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.277 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

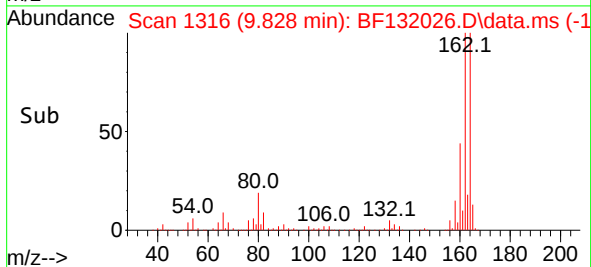
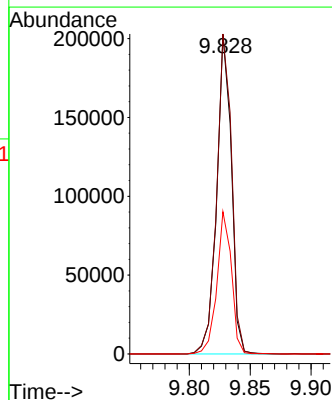
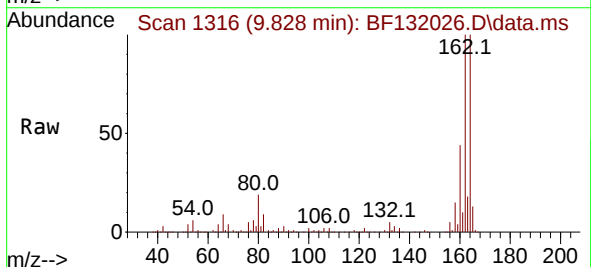
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

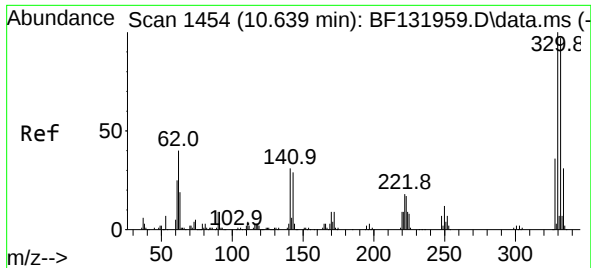
Tgt Ion: 82 Resp: 495297
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion:164 Resp: 169419
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.5 33.9 50.9

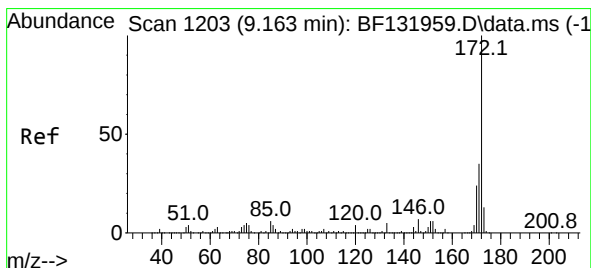
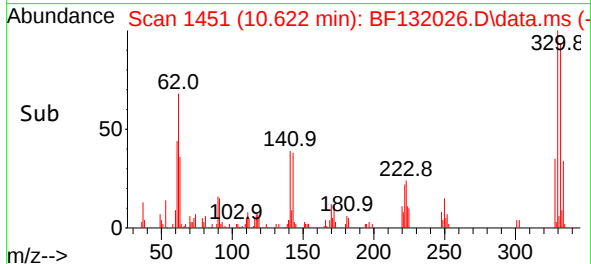
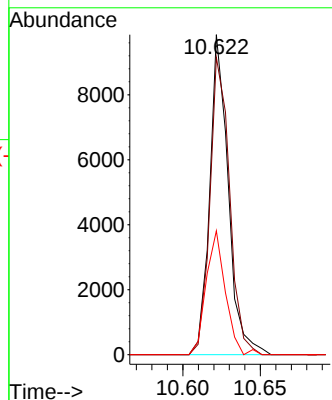
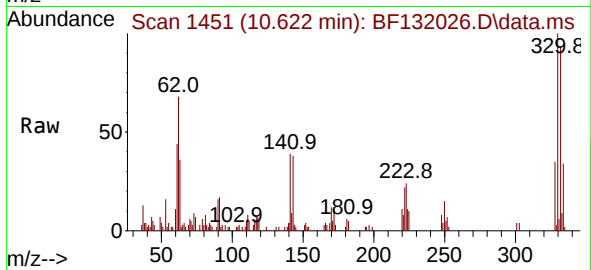




#42
2,4,6-Tribromophenol
Concen: 4.207 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

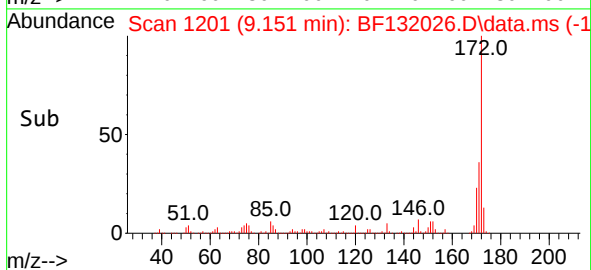
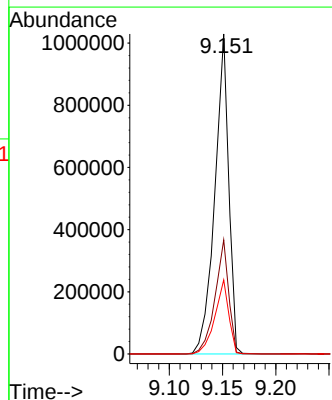
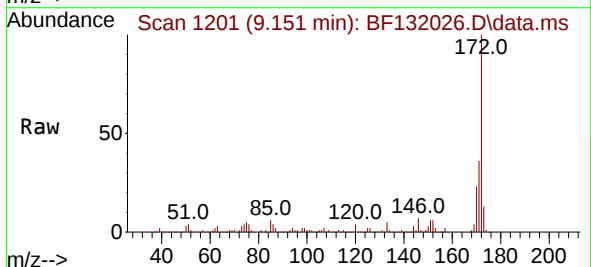
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

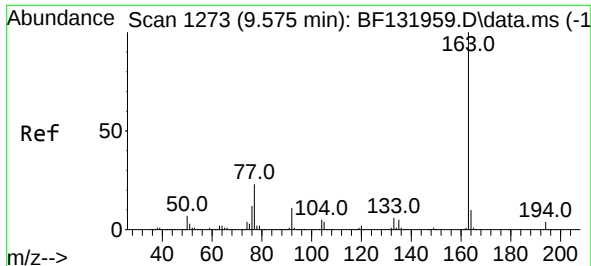
Tgt Ion: 330 Resp: 8195
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 40.2 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 74.643 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion: 172 Resp: 936761
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.2 18.9 28.3

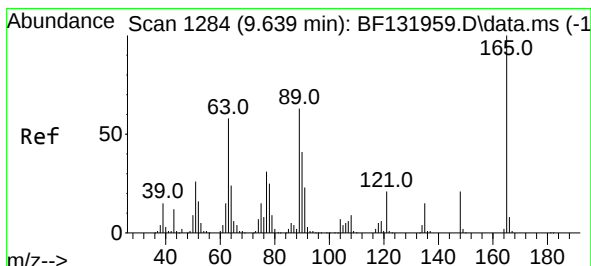
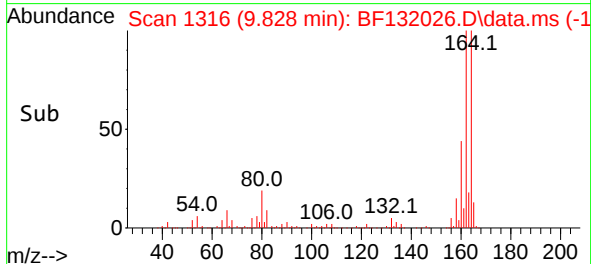
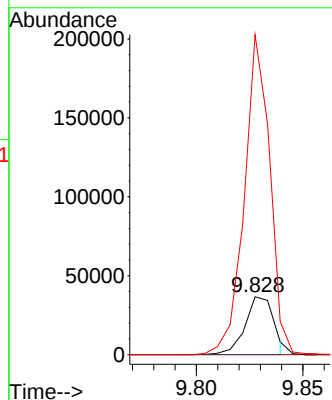
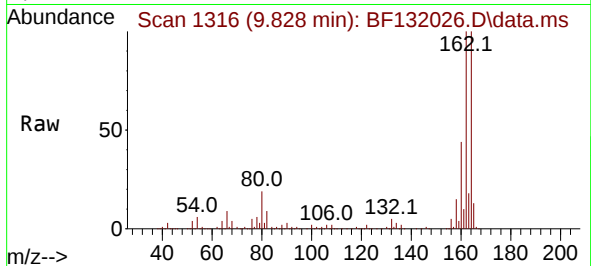




#50
Dimethylphthalate
Concen: 2.600 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

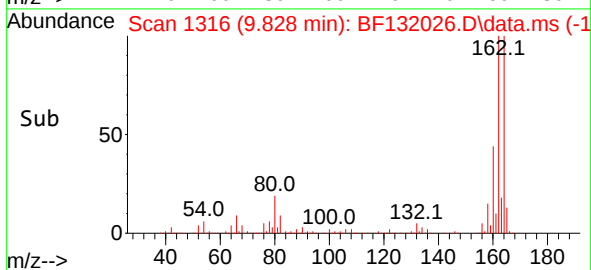
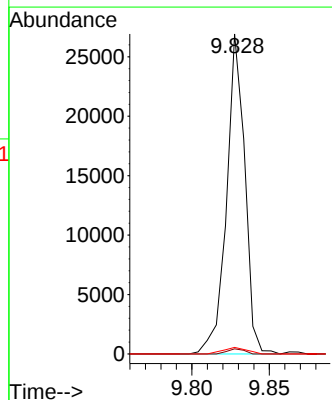
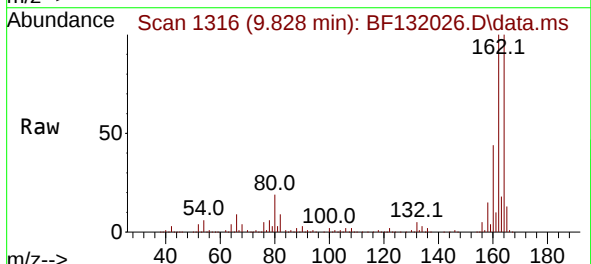
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BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

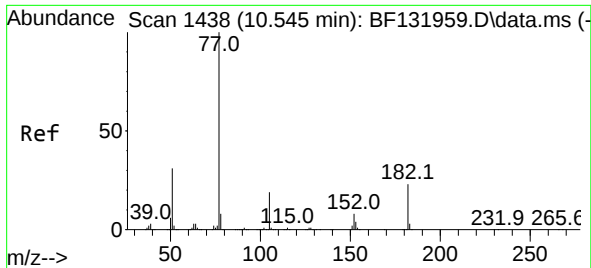
Tgt Ion:163 Resp: 34336
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 551.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.930 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.189 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion:165 Resp: 22026
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.0#
89 2.0 50.2 75.2#

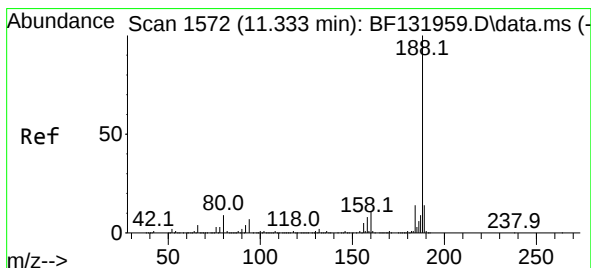
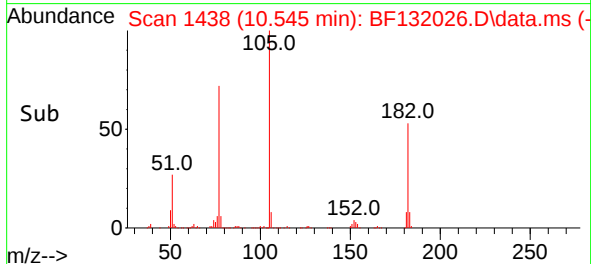
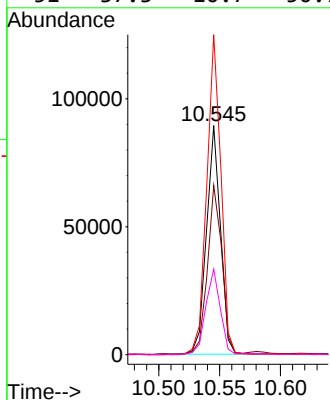
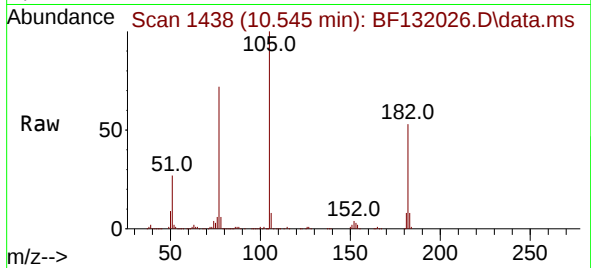




#63
Azobenzene
Concen: 5.181 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

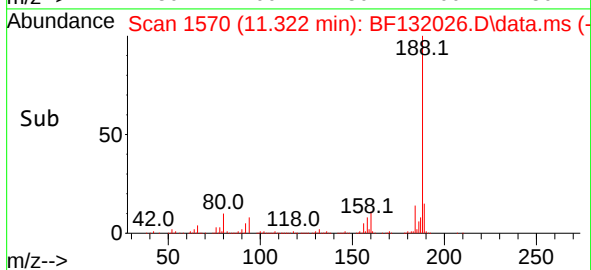
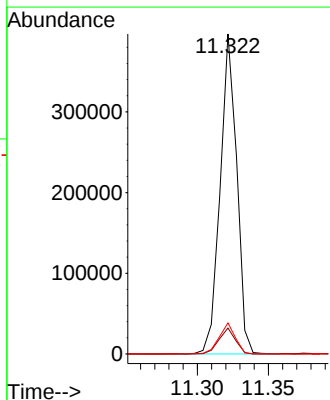
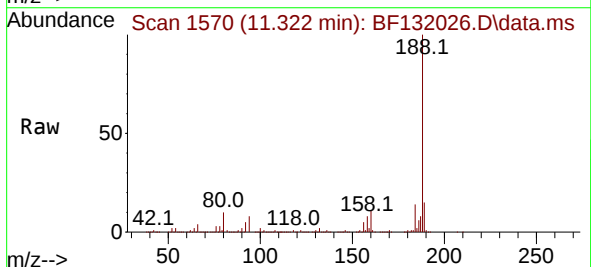
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

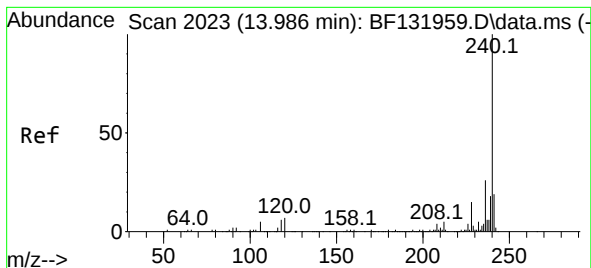
Tgt Ion: 77	Resp: 71372
Ion Ratio	Lower Upper
77 100	
182 73.9	2.9 42.9#
105 139.7	0.0 39.3#
51 37.3	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion: 188	Resp: 321483
Ion Ratio	Lower Upper
188 100	
94 8.1	5.8 8.6
80 9.7	7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF132026.D

Acq: 11 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)

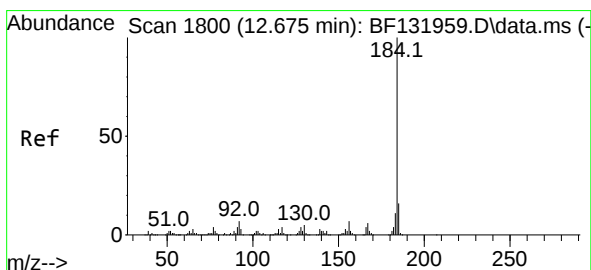
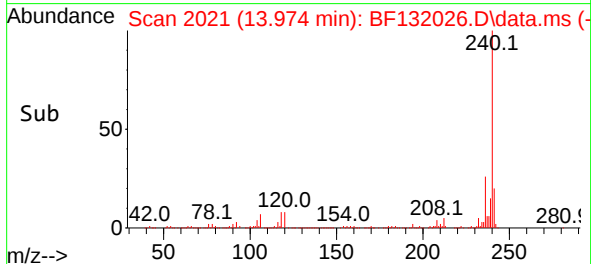
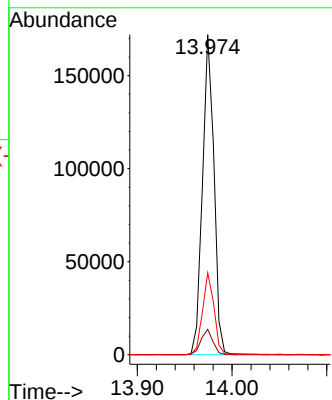
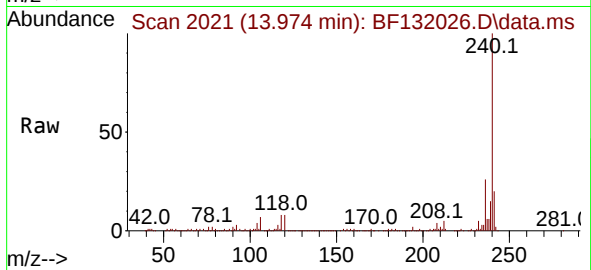
Tgt Ion:240 Resp: 144842

Ion Ratio Lower Upper

240 100

120 7.9 5.4 8.0

236 25.6 21.1 31.7



#77

Benzidine

Concen: 3.368 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.241 min

Lab File: BF132026.D

Acq: 11 Jan 2023 16:51

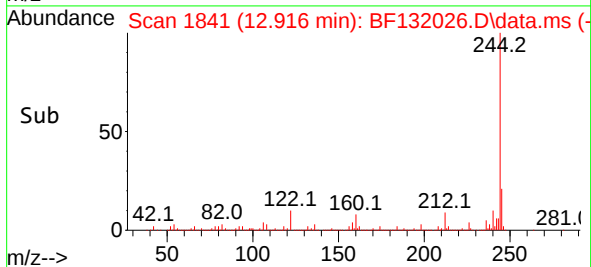
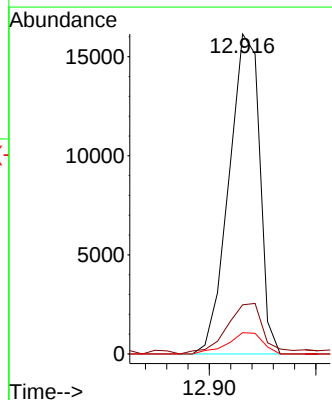
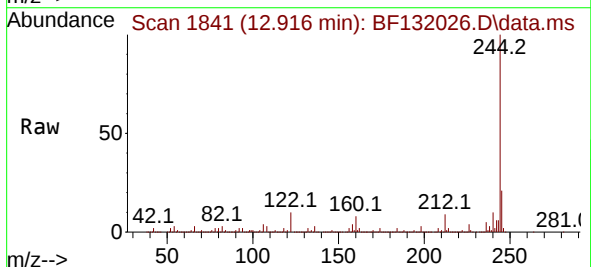
Tgt Ion:184 Resp: 16206

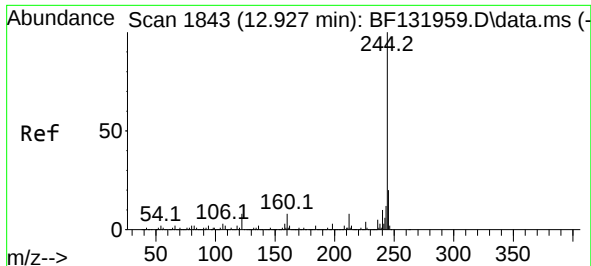
Ion Ratio Lower Upper

184 100

185 15.4 12.8 19.2

183 6.7 9.0 13.4#

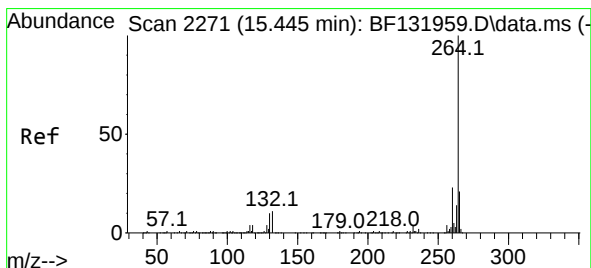
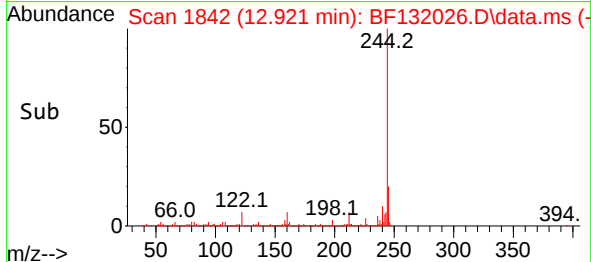
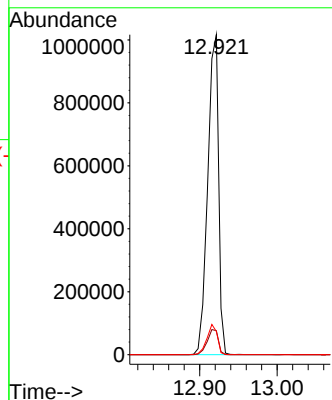
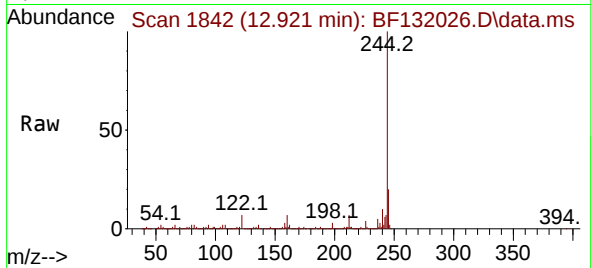




#79
 Terphenyl-d14
 Concen: 97.839 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

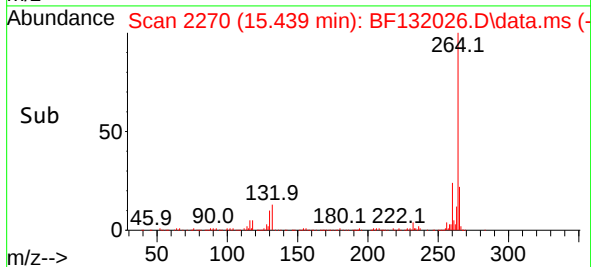
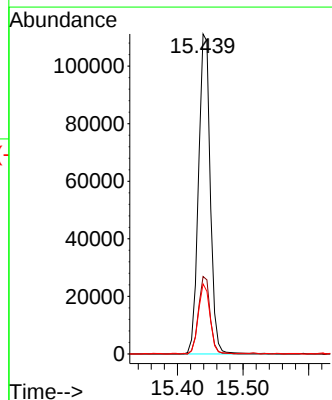
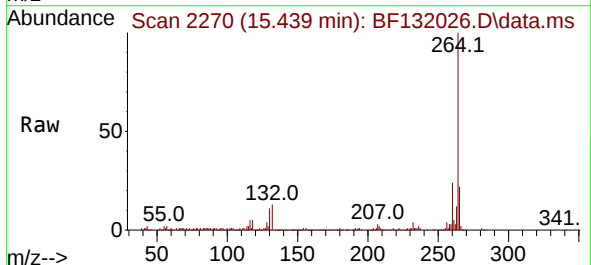
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)

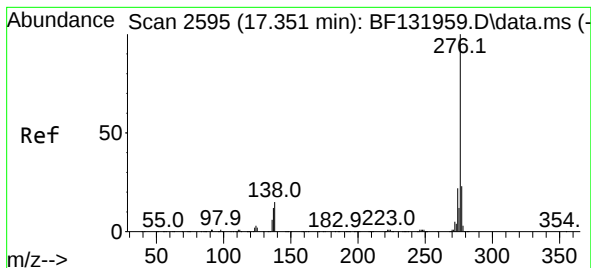
Tgt Ion:244 Resp: 988728
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

Tgt Ion:264 Resp: 138705
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 21.9 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.673 ng

RT: 17.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132026.D

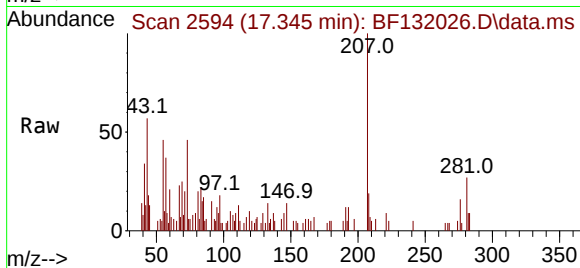
Acq: 11 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)



Tgt Ion:276 Resp: 1221

Ion Ratio Lower Upper

276 100

277 23.4 18.2 27.2

138 33.2 11.7 17.5#

