

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133926.D
 Acq On : 23 Jun 2023 04:42
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-062023

Quant Time: Jun 23 05:51:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

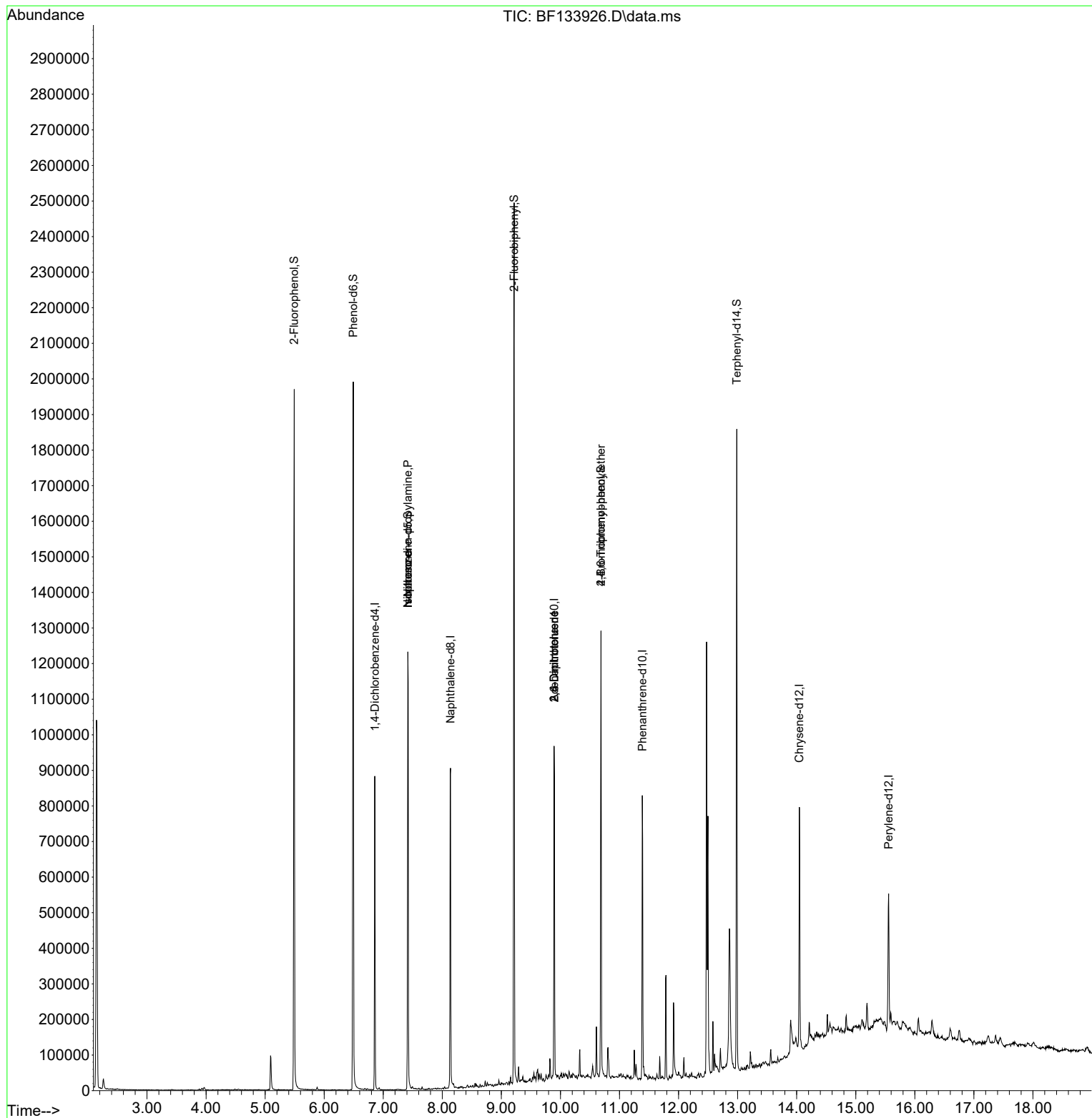
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	113301	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	415163	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	184050	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	291204	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230608	20.000	ng	-0.01
86) Perylene-d12	15.556	264	187323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	493233	75.787	ng	0.00
7) Phenol-d6	6.492	99	586667	69.252	ng	0.00
23) Nitrobenzene-d5	7.416	82	390691	51.256	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	138021	59.243	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	717295	55.400	ng	0.00
79) Terphenyl-d14	12.986	244	577292	38.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	54173	10.051	ng	# 79
25) Isophorone	7.416	82	390689	27.919	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	24840	8.760	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	24840	6.888	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	8309	2.556	ng	# 1

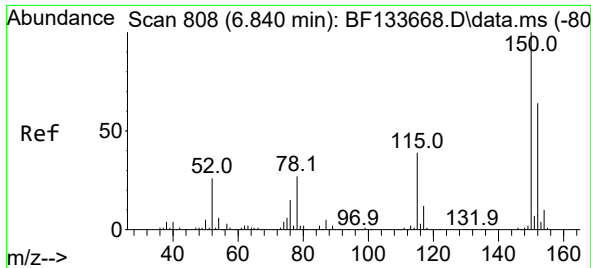
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
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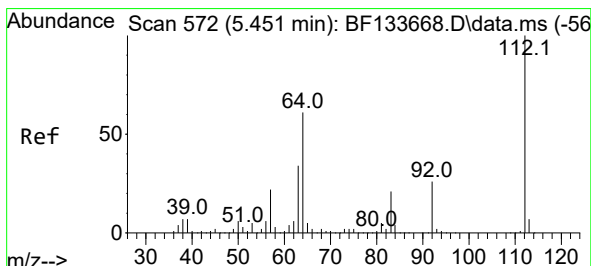
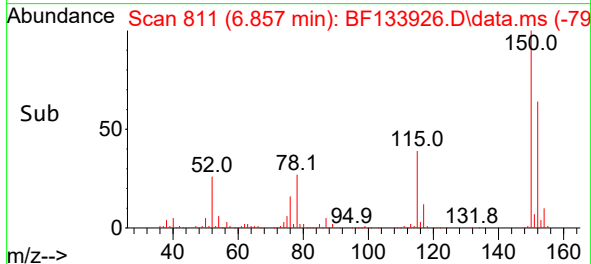
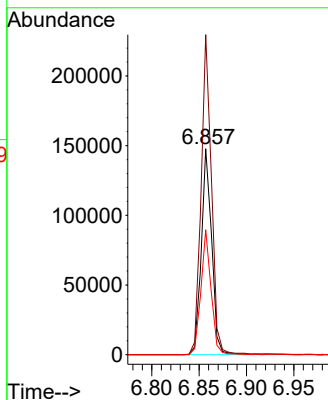
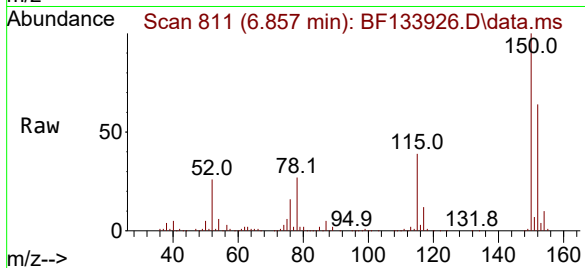




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

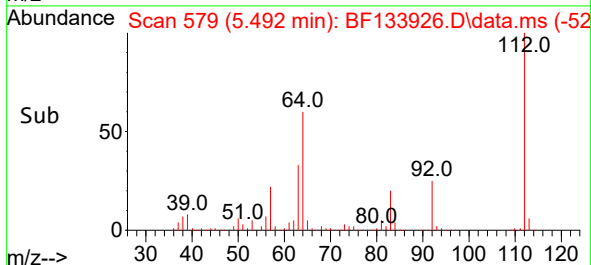
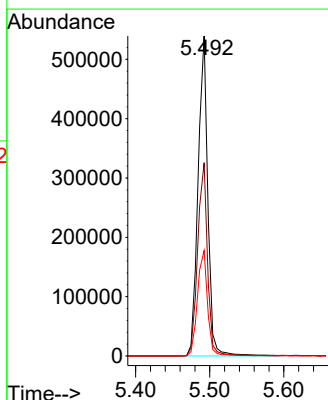
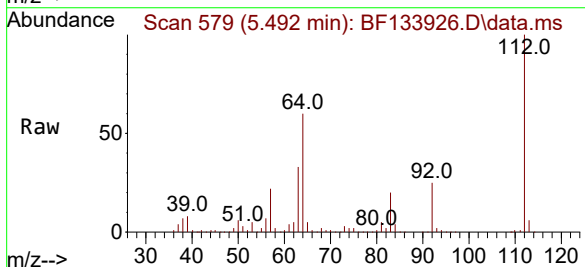
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

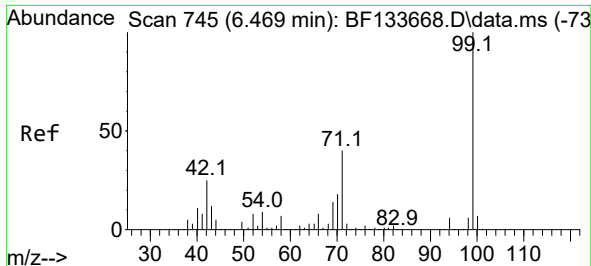
Tgt Ion:152 Resp: 113301
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 75.787 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion:112 Resp: 493233
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 32.9 26.8 40.2

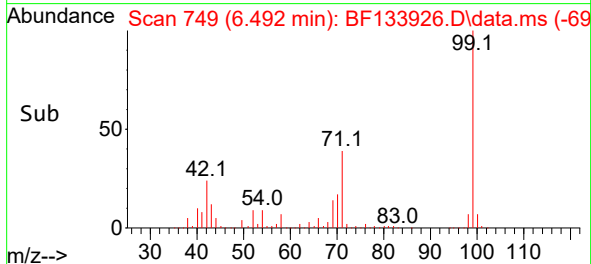
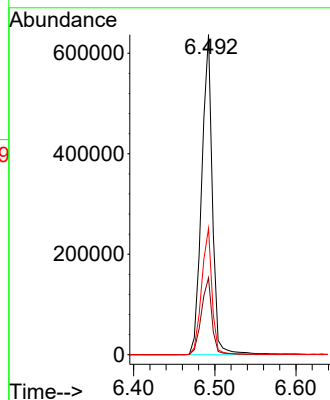
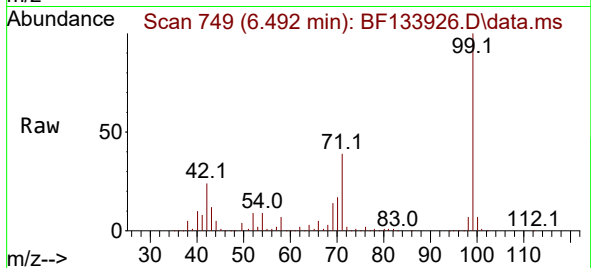




#7
Phenol-d6
Concen: 69.252 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

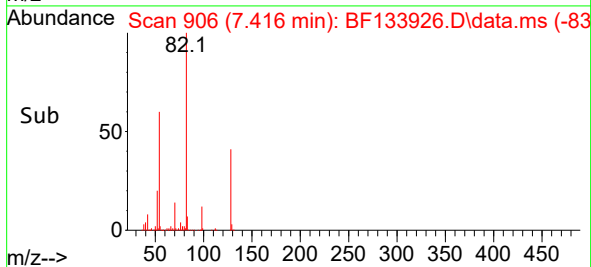
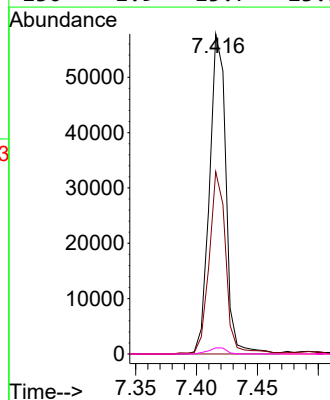
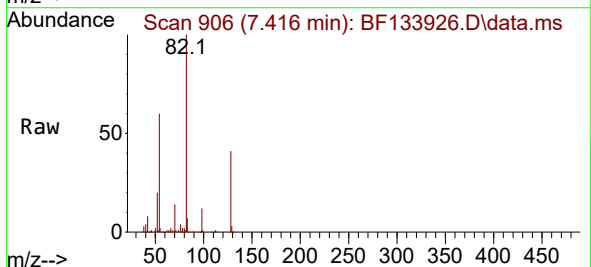
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

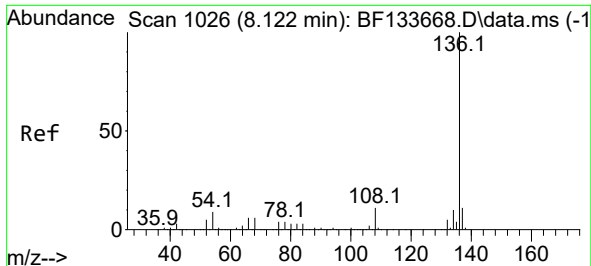
Tgt Ion: 99 Resp: 586667
Ion Ratio Lower Upper
99 100
42 24.0 19.9 29.9
71 39.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.051 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion: 70 Resp: 54173
Ion Ratio Lower Upper
70 100
42 57.0 55.8 83.8
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#

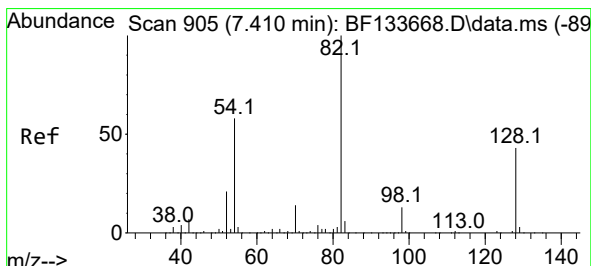
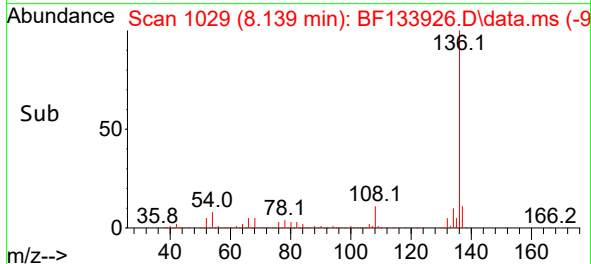
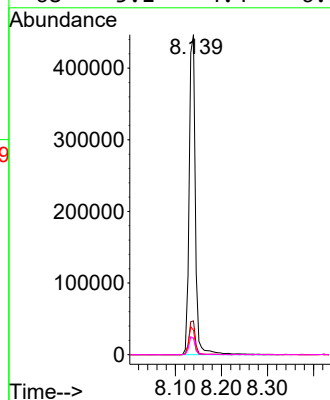
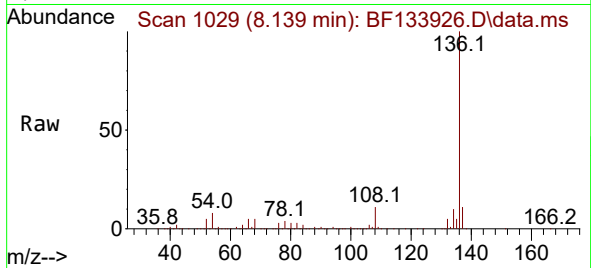




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

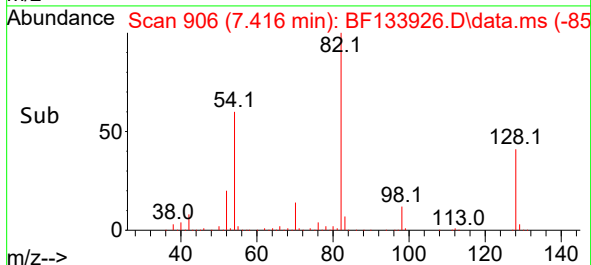
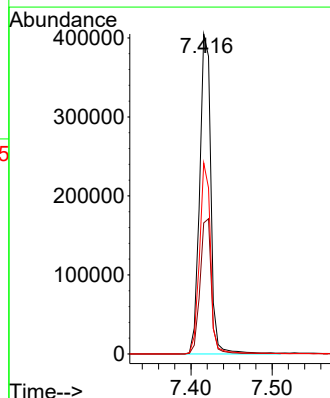
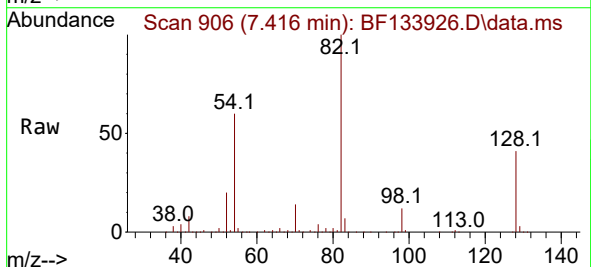
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

Tgt Ion:136 Resp: 415163
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 51.256 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion: 82 Resp: 390691
Ion Ratio Lower Upper
82 100
128 40.9 34.2 51.2
54 59.7 46.5 69.7

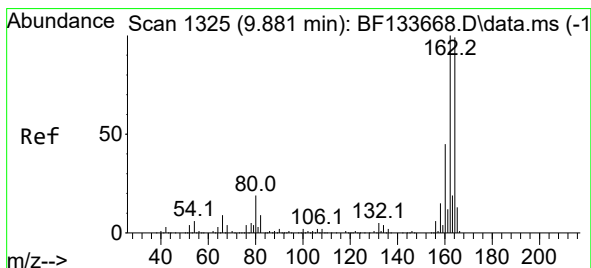
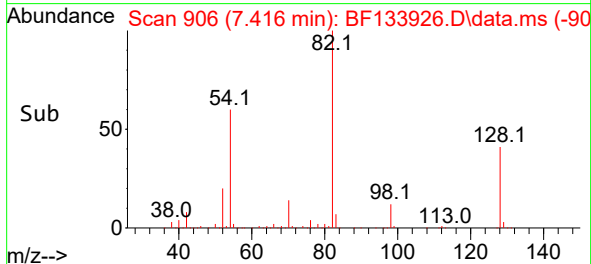
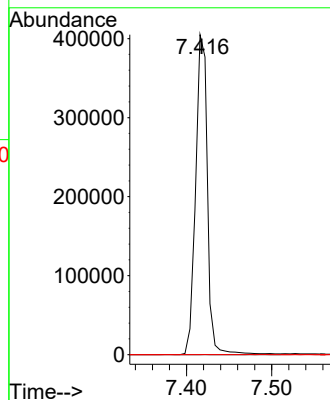
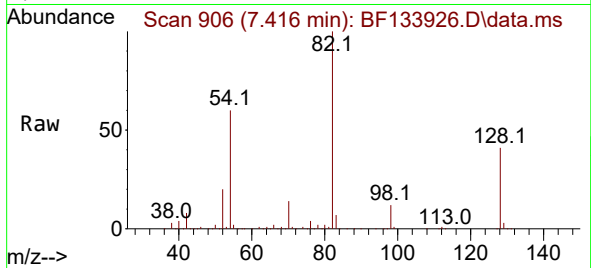




#25
Isophorone
Concen: 27.919 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

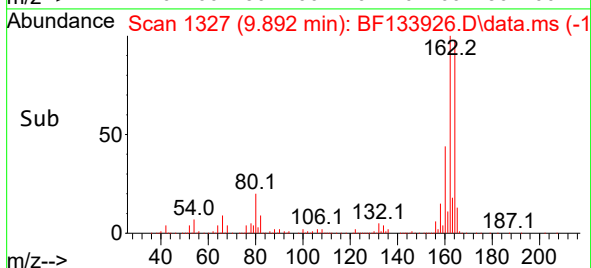
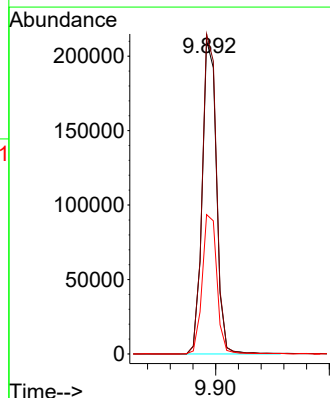
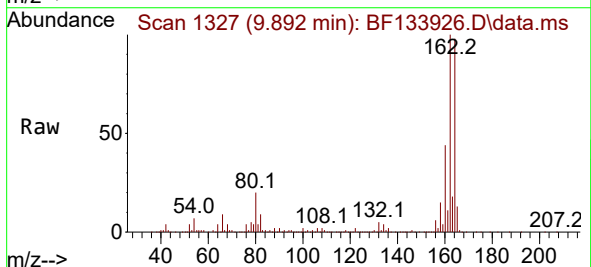
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

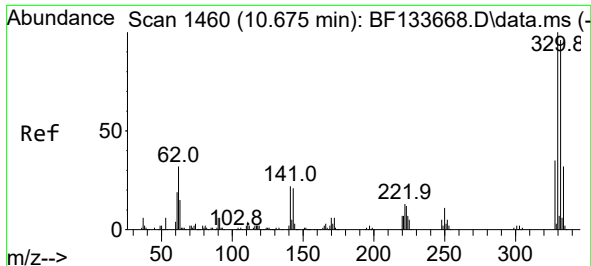
Tgt Ion: 82 Resp: 390689
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

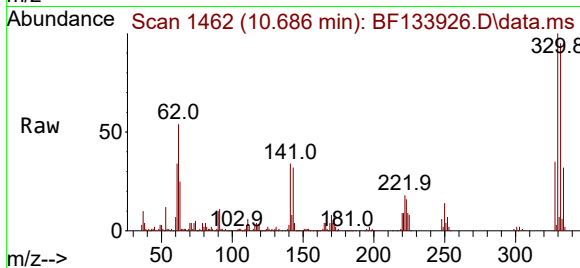
Tgt Ion:164 Resp: 184050
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.4 36.7 55.1



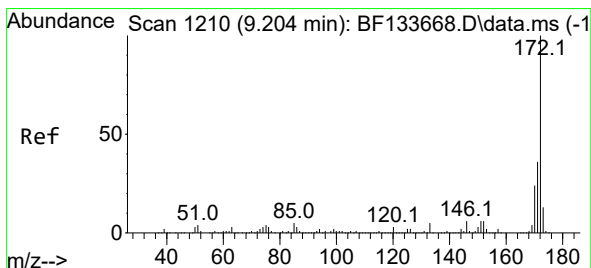
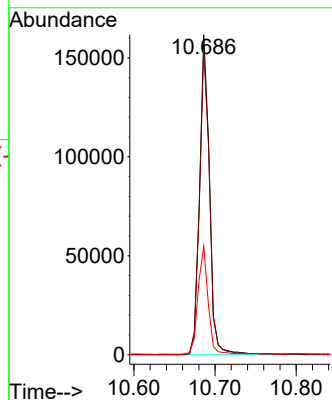
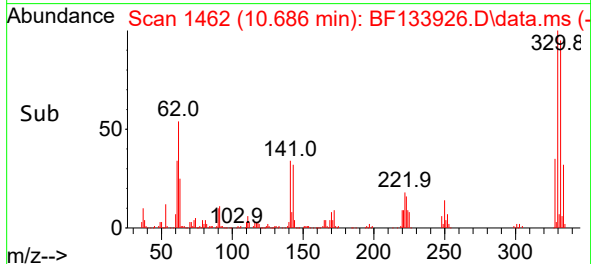


#42
 2,4,6-Tribromophenol
 Concen: 59.243 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF133926.D
 Acq: 23 Jun 2023 04:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-062023

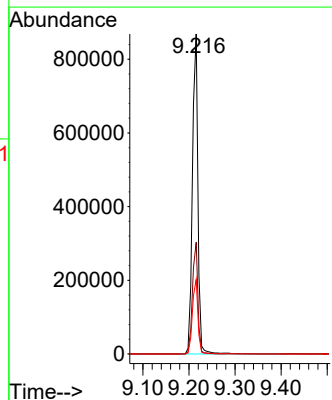
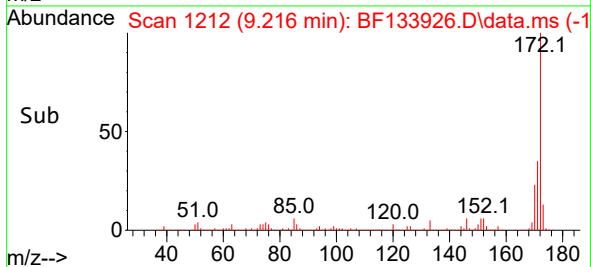
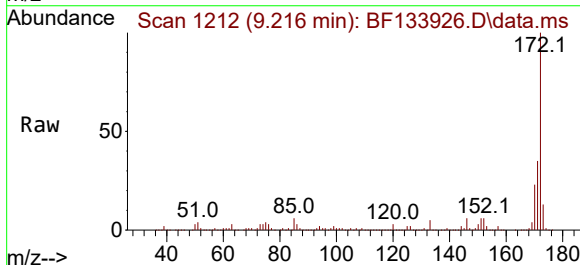


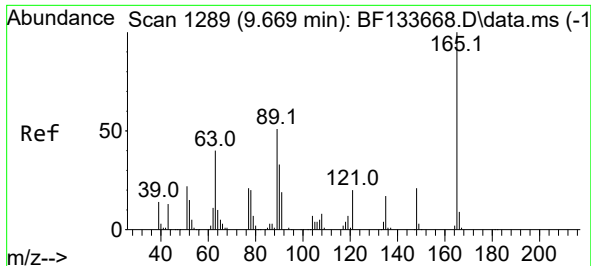
Tgt Ion:330 Resp: 138021
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 34.2 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 55.400 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF133926.D
 Acq: 23 Jun 2023 04:42

Tgt Ion:172 Resp: 717295
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.3 19.1 28.7

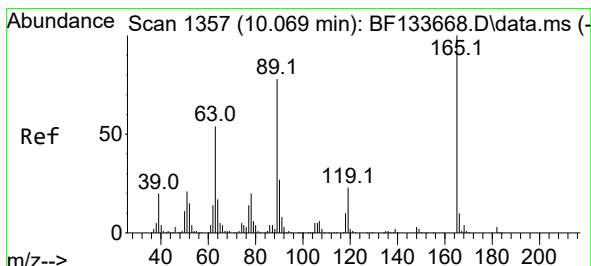
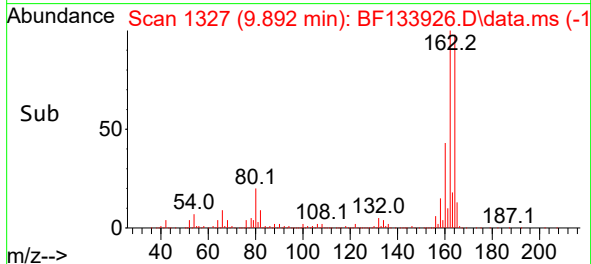
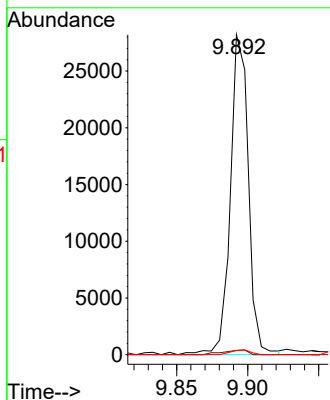
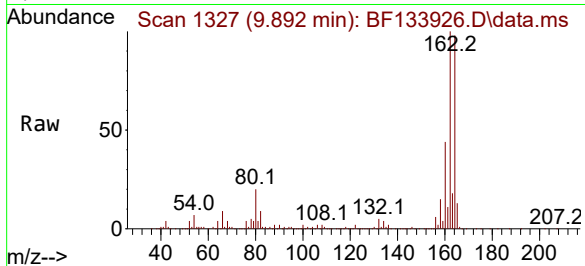




#51
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

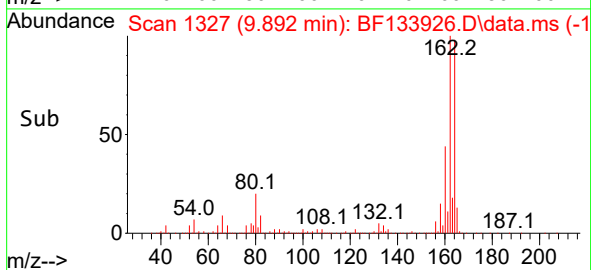
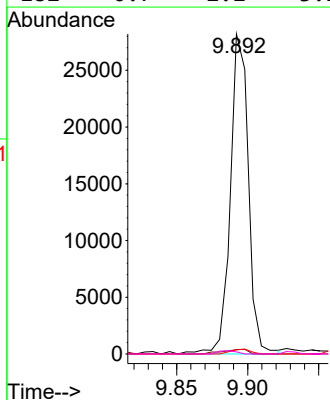
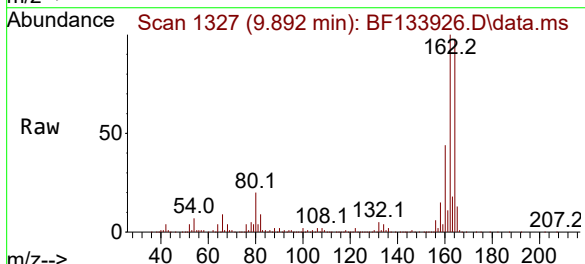
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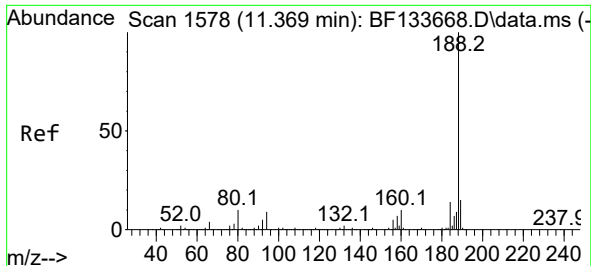
Tgt Ion:165 Resp: 24840
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.3 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.888 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion:165 Resp: 24840
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 62.6 93.8#
182 0.7 2.2 3.2#

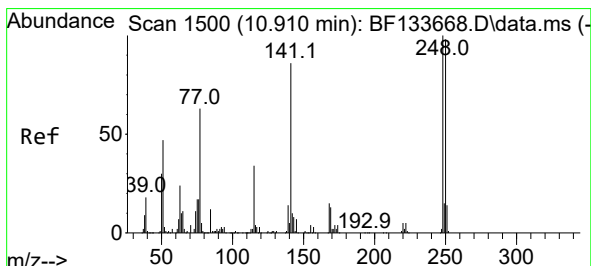
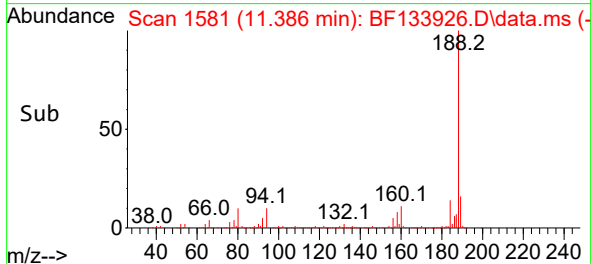
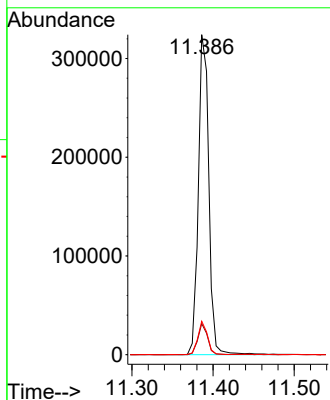
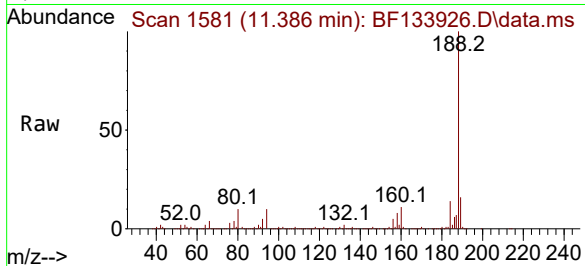




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

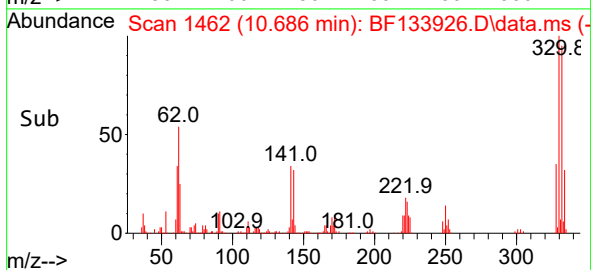
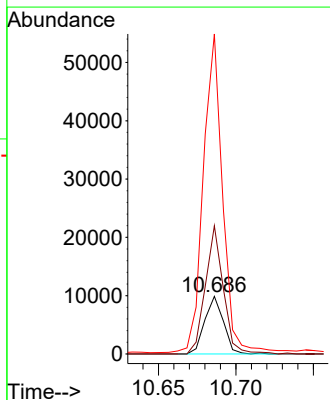
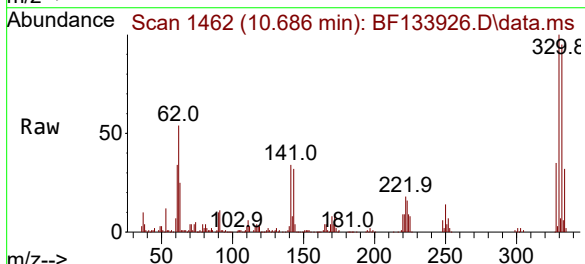
Instrument :
BNA_F
ClientSampleId :
BU-3-062023

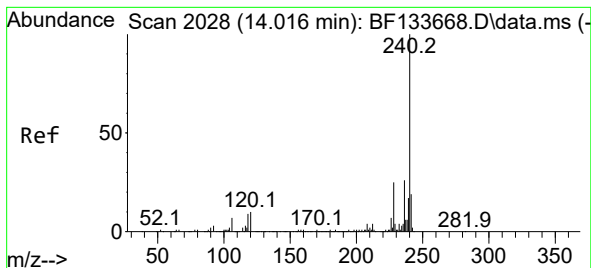
Tgt Ion:188 Resp: 291204
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.5 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.556 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Tgt Ion:248 Resp: 8309
Ion Ratio Lower Upper
248 100
250 222.8 78.3 117.5#
141 556.1 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133926.D

Acq: 23 Jun 2023 04:42

Instrument :

BNA_F

ClientSampleId :

BU-3-062023

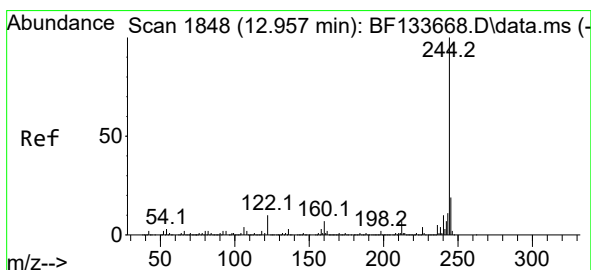
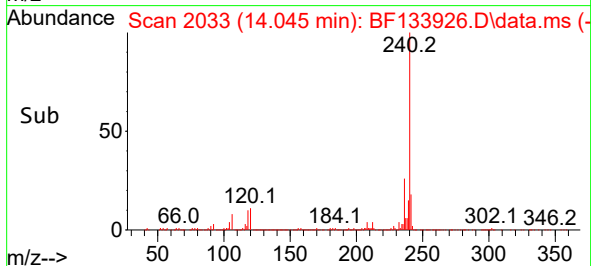
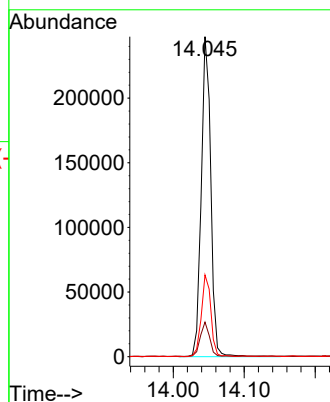
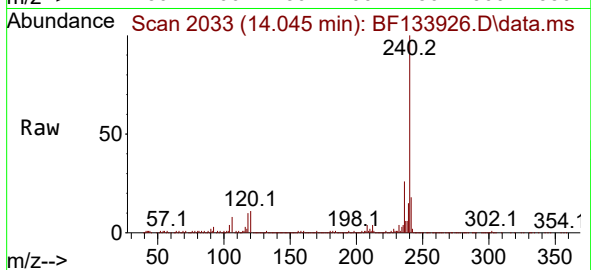
Tgt Ion:240 Resp: 230608

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 38.735 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF133926.D

Acq: 23 Jun 2023 04:42

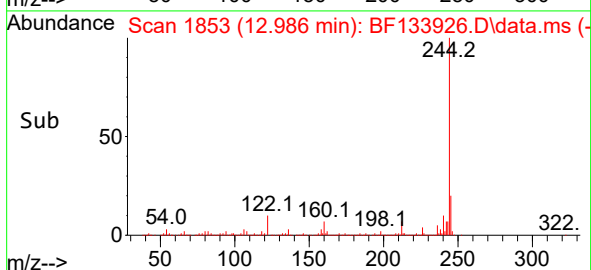
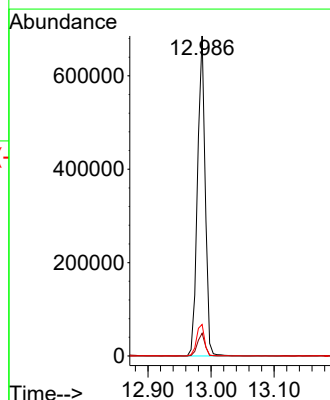
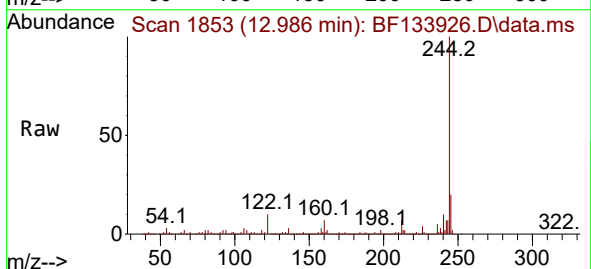
Tgt Ion:244 Resp: 577292

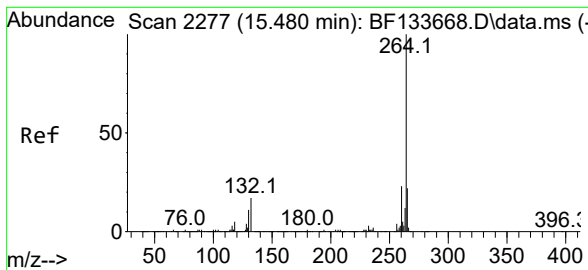
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

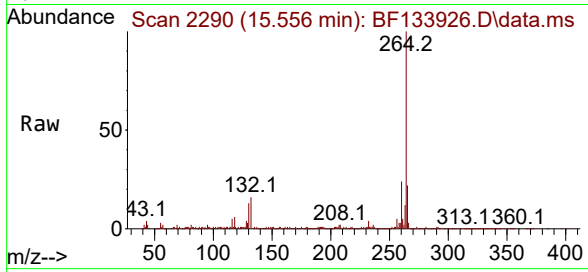
122 9.9 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133926.D
Acq: 23 Jun 2023 04:42

Instrument :
BNA_F
ClientSampleId :
BU-3-062023



Tgt Ion:264 Resp: 187323
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 21.6 17.8 26.6

