

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133914.D
 Acq On : 22 Jun 2023 22:15
 Operator : CG\JU
 Sample : 03320-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16

Quant Time: Jun 23 05:05:12 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)

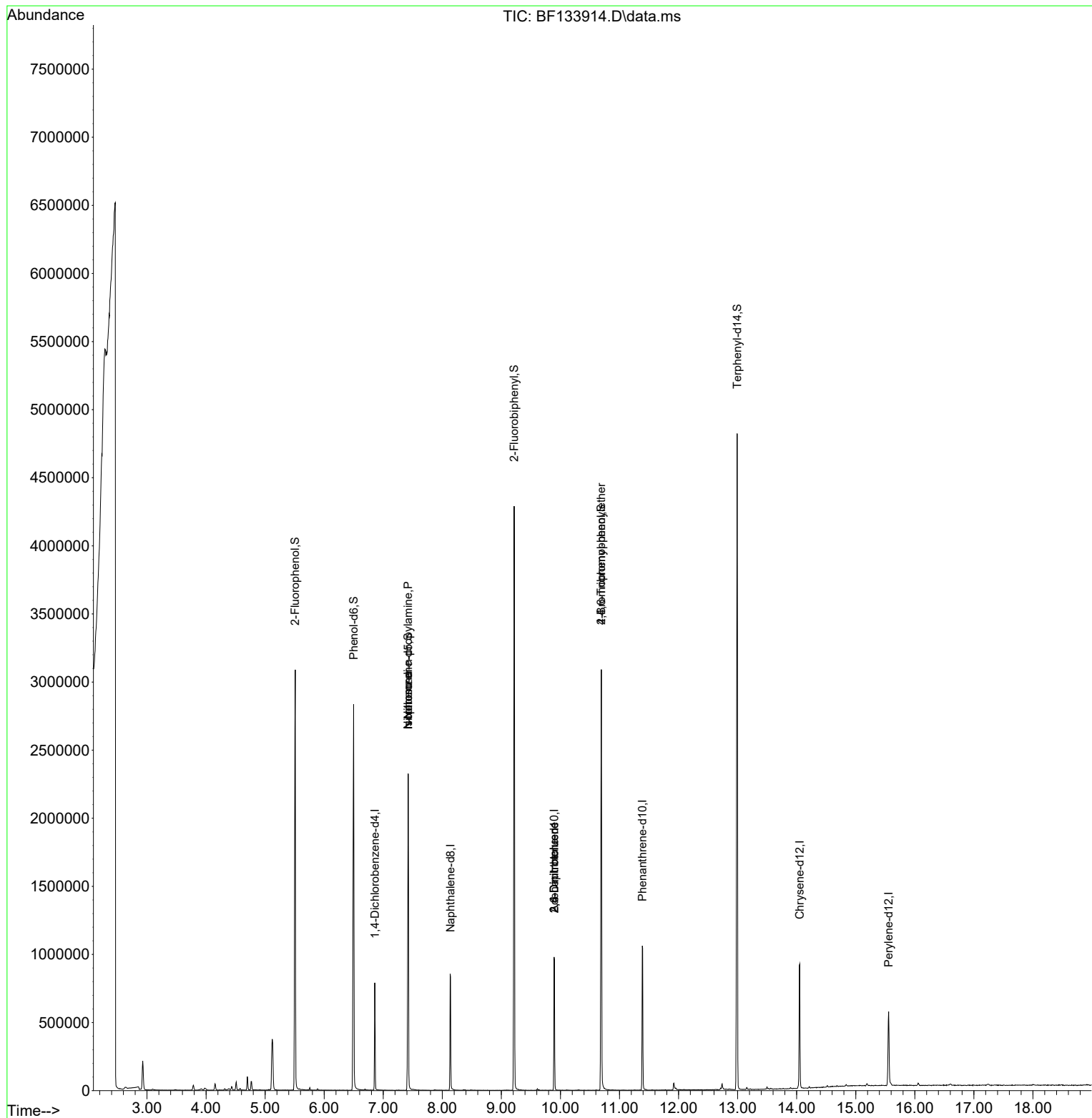
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	101162	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	394586	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	201297	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	424883	20.000	ng	0.00
76) Chrysene-d12	14.051	240	332500	20.000	ng	0.00
86) Perylene-d12	15.557	264	271126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	830152	142.861	ng	0.02
7) Phenol-d6	6.498	99	933621	123.432	ng	0.00
23) Nitrobenzene-d5	7.422	82	748165	103.273	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	409364	160.657	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1363991	96.322	ng	0.00
79) Terphenyl-d14	12.992	244	1905419	88.672	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	105854	21.996	ng	Qvalue # 78
25) Isophorone	7.422	82	748156	56.252	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	25993	8.381	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	25993	6.590	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	24499	5.166	ng	# 1

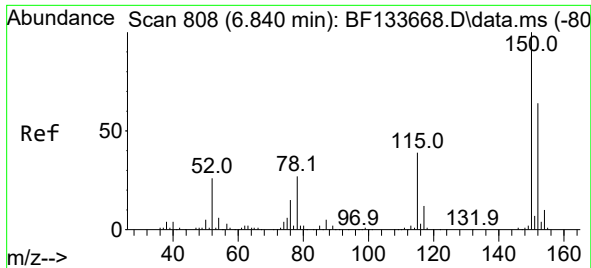
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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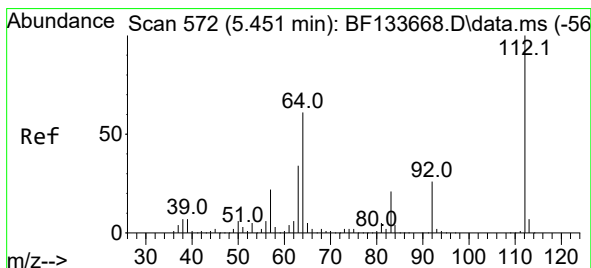
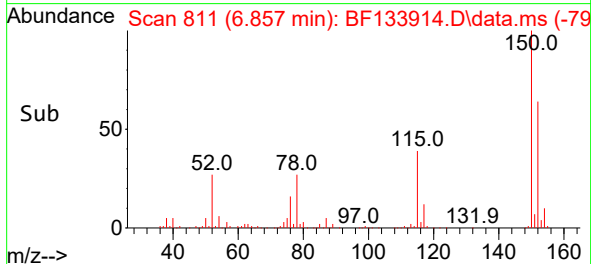
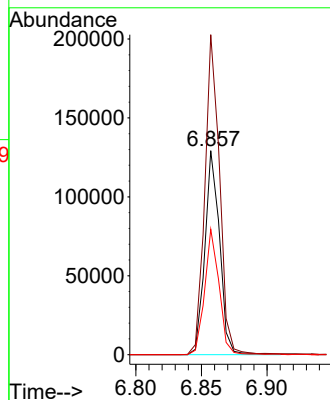
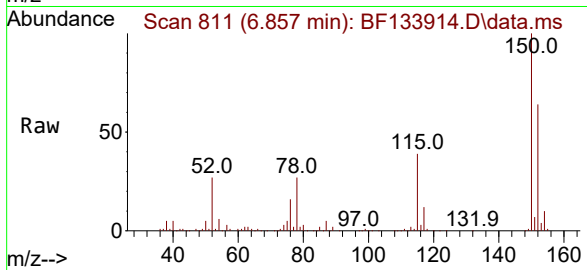




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

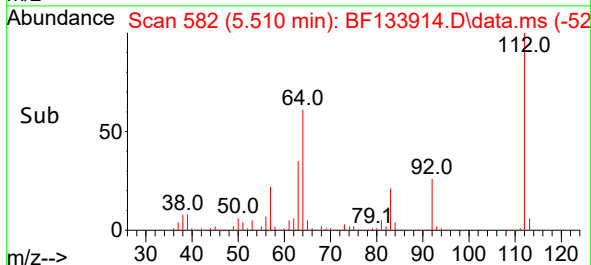
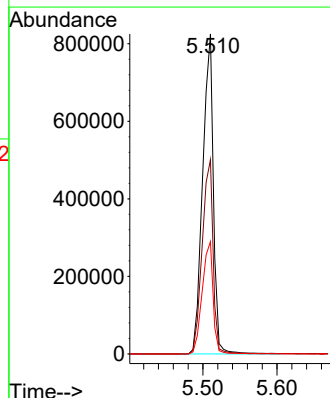
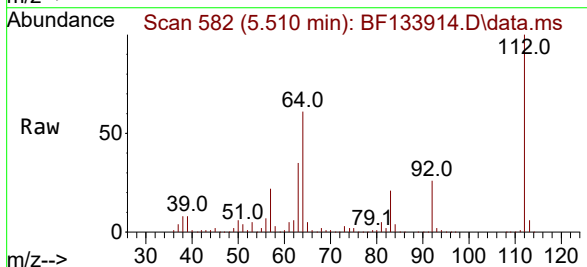
Instrument :
BNA_F
ClientSampleId :
WC-16

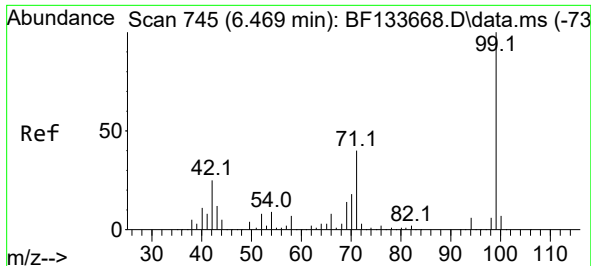
Tgt Ion:152 Resp: 101162
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 142.861 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion:112 Resp: 830152
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 35.1 26.8 40.2

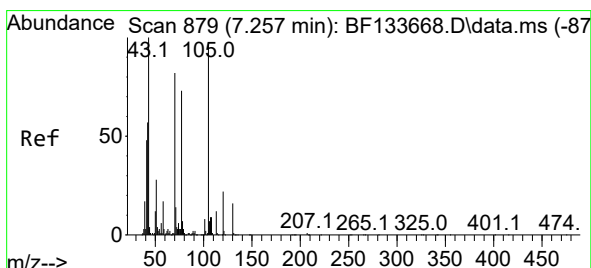
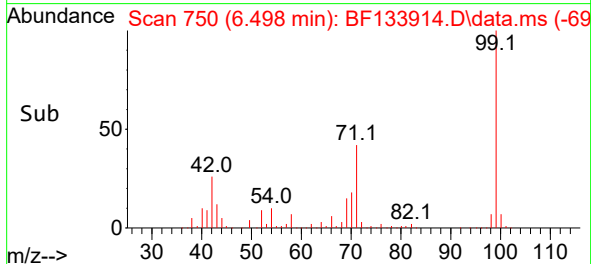
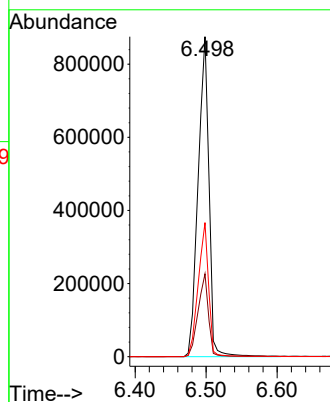
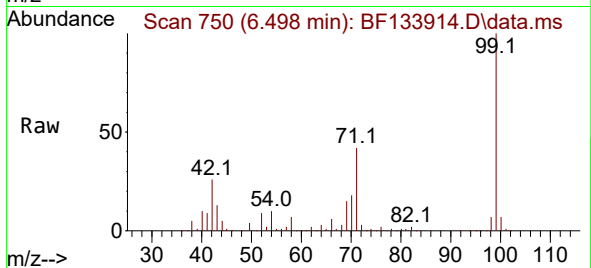




#7
Phenol-d6
Concen: 123.432 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

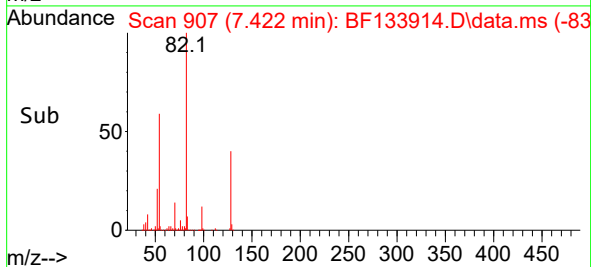
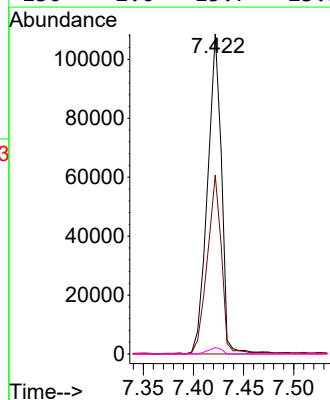
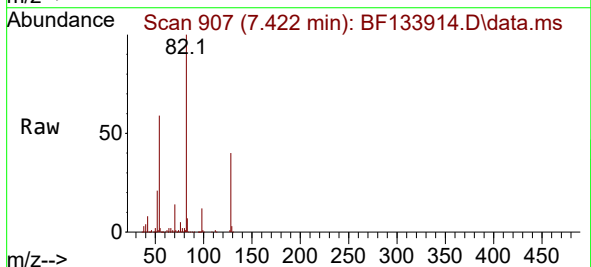
Instrument :
BNA_F
ClientSampleId :
WC-16

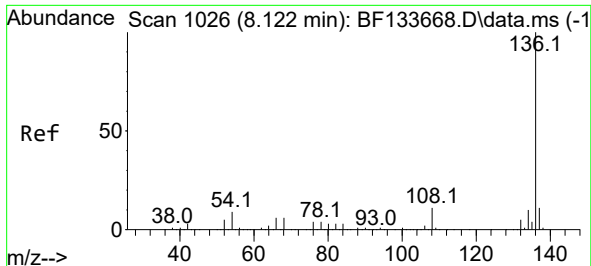
Tgt Ion: 99 Resp: 933621
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 41.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.996 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion: 70 Resp: 105854
Ion Ratio Lower Upper
70 100
42 55.9 55.8 83.8
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#

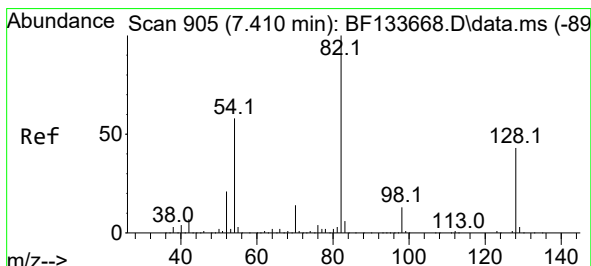
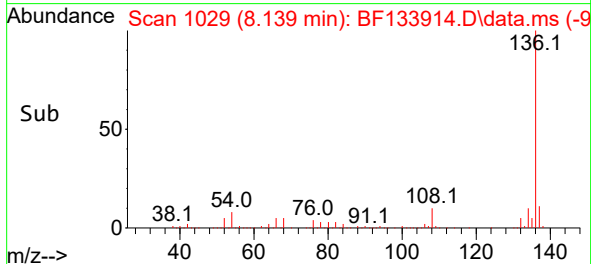
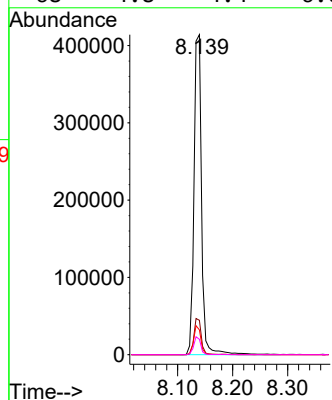
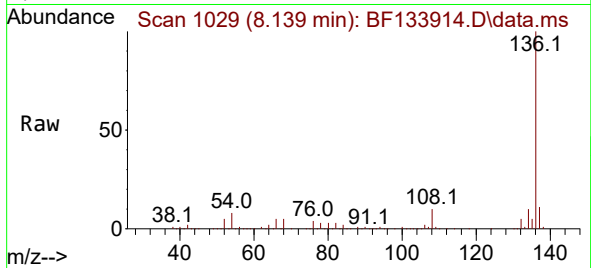




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

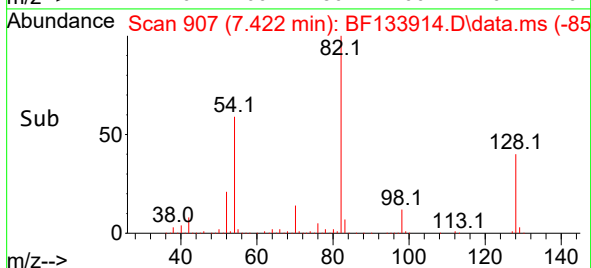
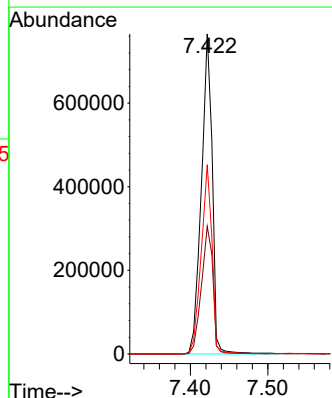
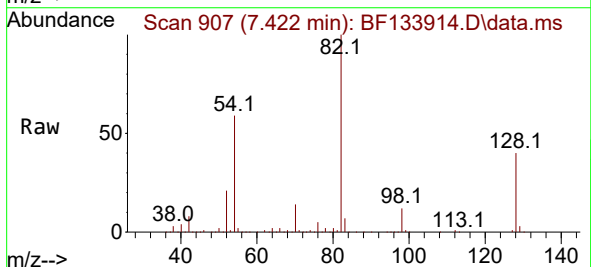
Instrument :
BNA_F
ClientSampleId :
WC-16

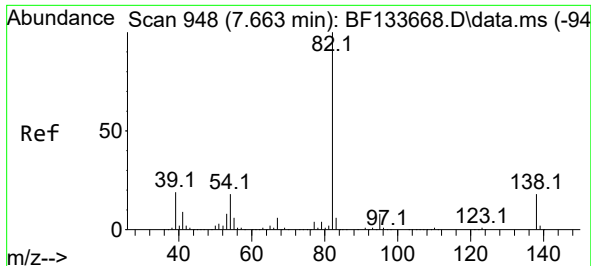
Tgt Ion:136 Resp: 394586
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 7.4 11.0
68 4.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 103.273 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion: 82 Resp: 748165
Ion Ratio Lower Upper
82 100
128 39.9 34.2 51.2
54 59.2 46.5 69.7

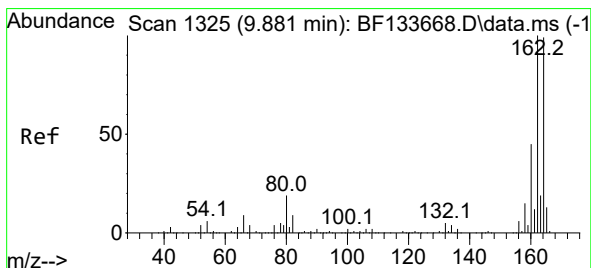
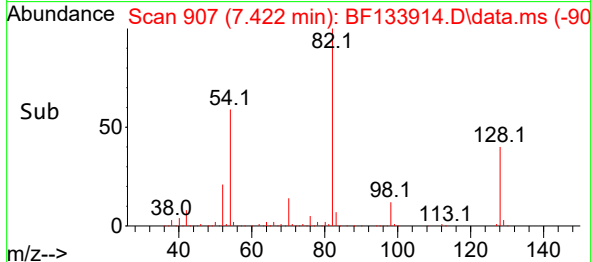
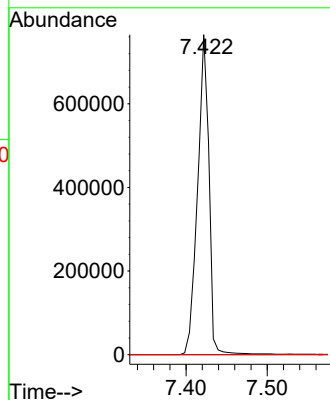
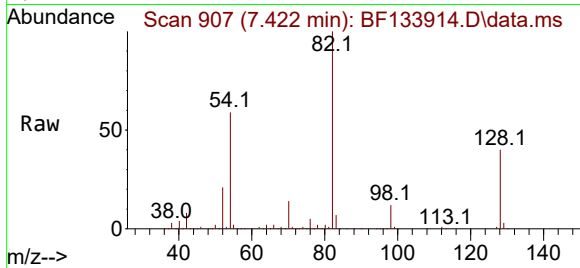




#25
Isophorone
Concen: 56.252 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

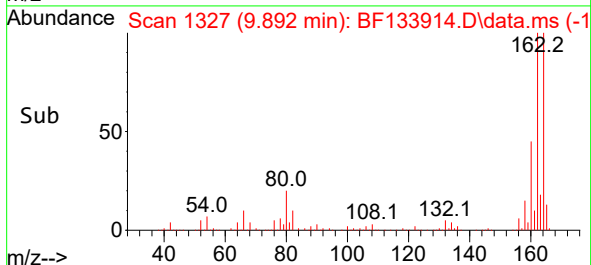
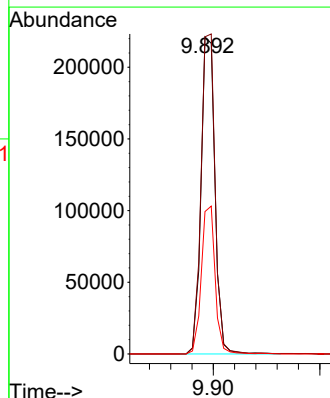
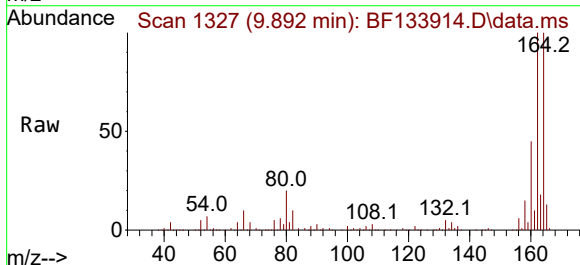
Instrument :
BNA_F
ClientSampleId :
WC-16

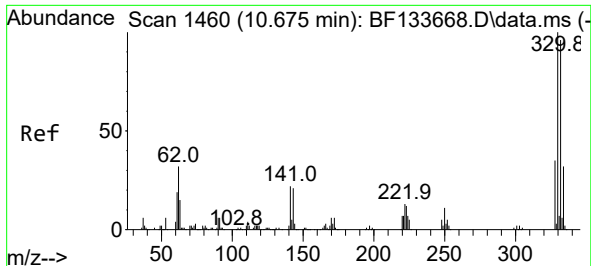
Tgt Ion: 82 Resp: 748156
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion: 164 Resp: 201297
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 44.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 160.657 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133914.D

Acq: 22 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

WC-16

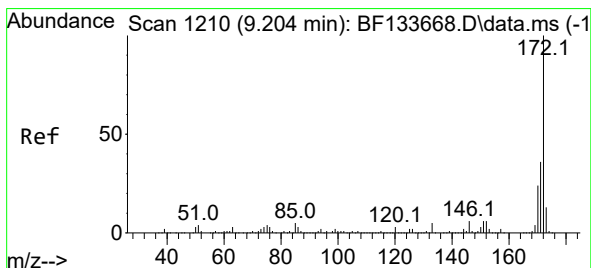
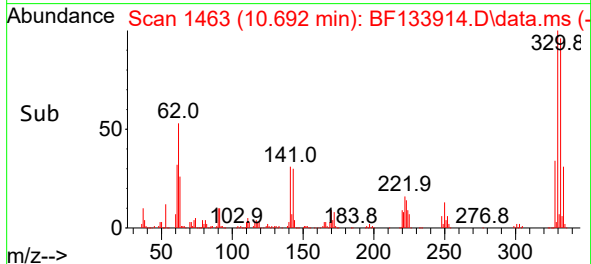
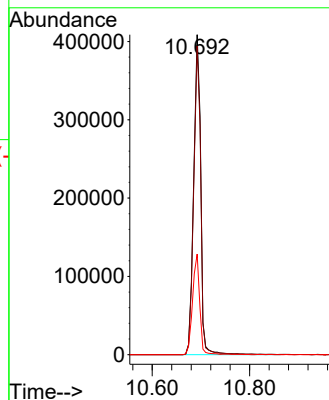
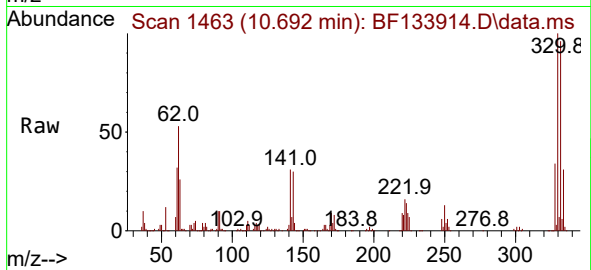
Tgt Ion:330 Resp: 409364

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 31.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 96.322 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133914.D

Acq: 22 Jun 2023 22:15

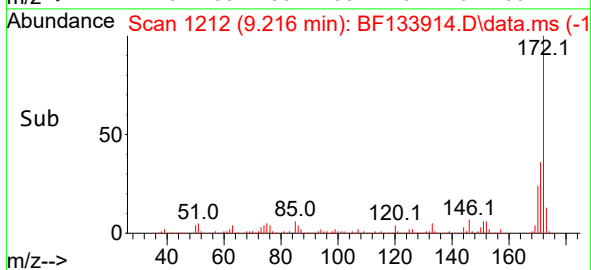
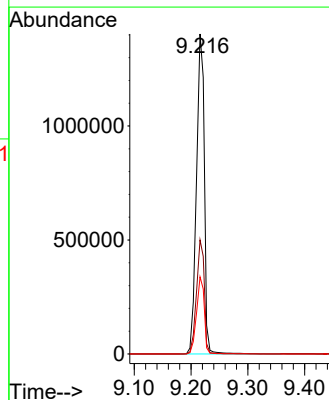
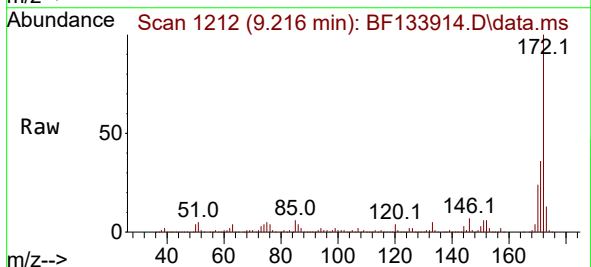
Tgt Ion:172 Resp: 1363991

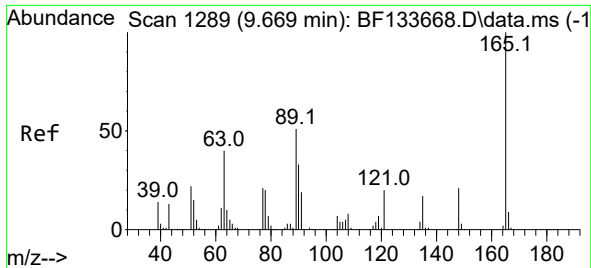
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.1 19.1 28.7

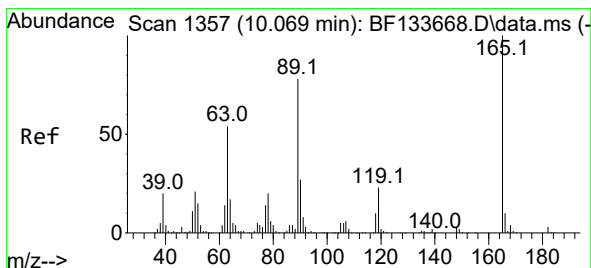
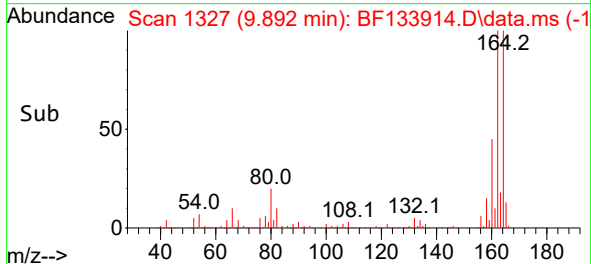
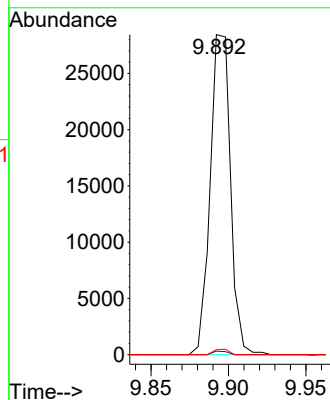
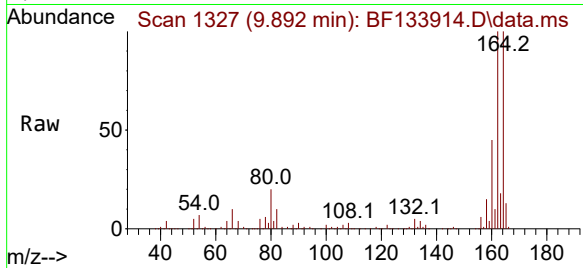




#51
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

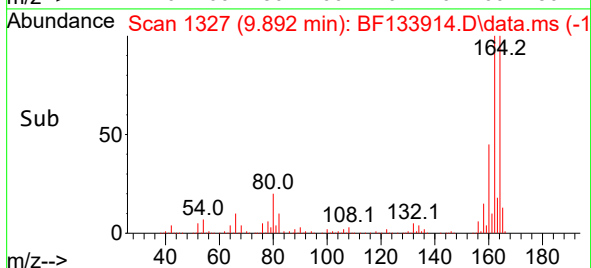
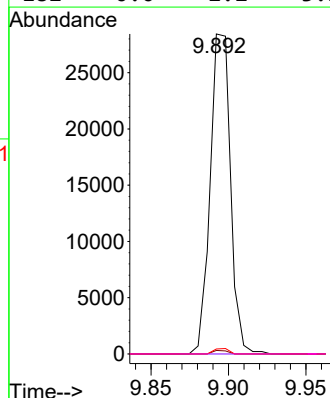
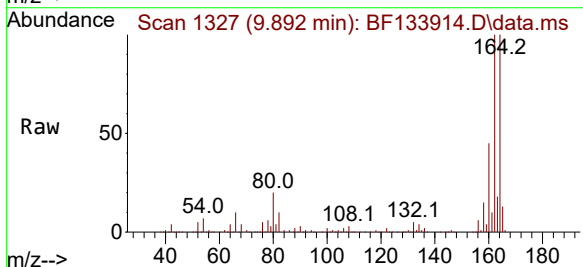
Instrument :
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WC-16

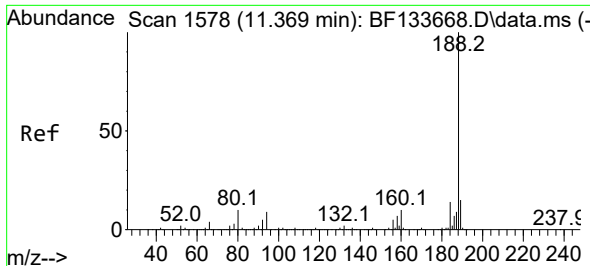
Tgt Ion:165 Resp: 25993
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.5 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.590 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion:165 Resp: 25993
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#

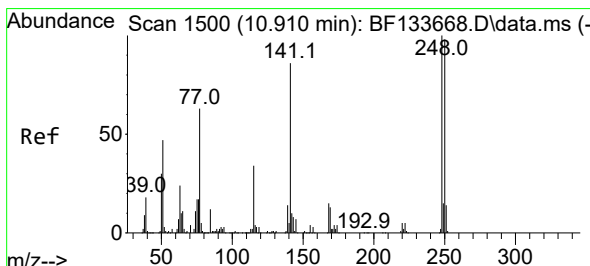
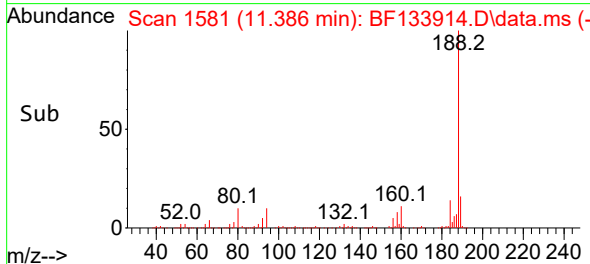
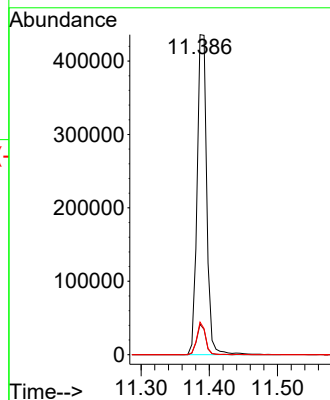
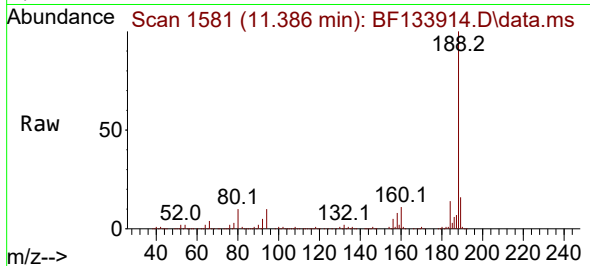




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

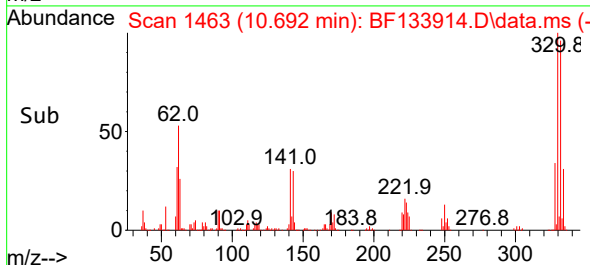
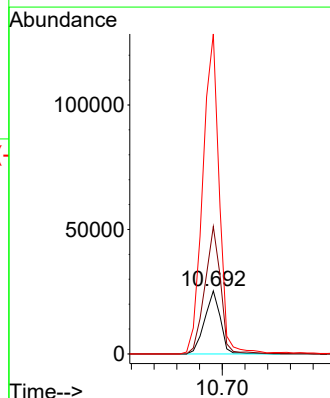
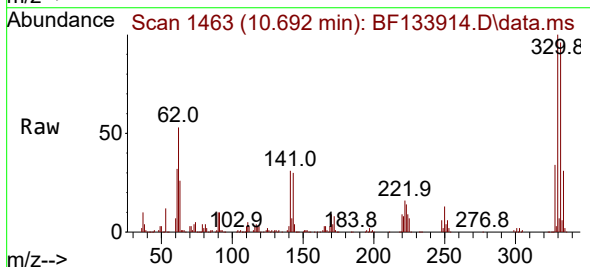
Instrument :
BNA_F
ClientSampleId :
WC-16

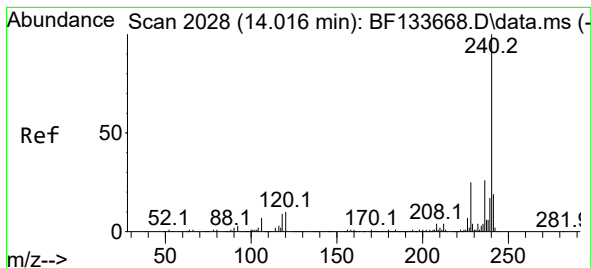
Tgt Ion:188 Resp: 424883
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 10.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 5.166 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Tgt Ion:248 Resp: 24499
Ion Ratio Lower Upper
248 100
250 202.1 78.3 117.5#
141 507.9 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133914.D

Acq: 22 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

WC-16

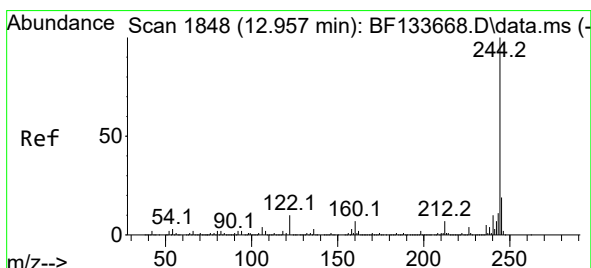
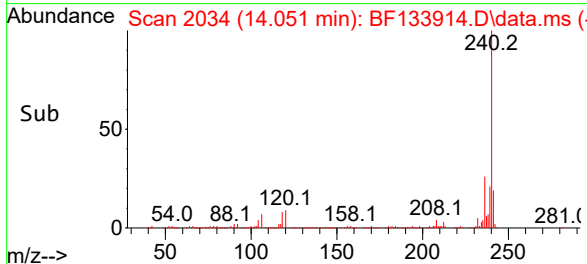
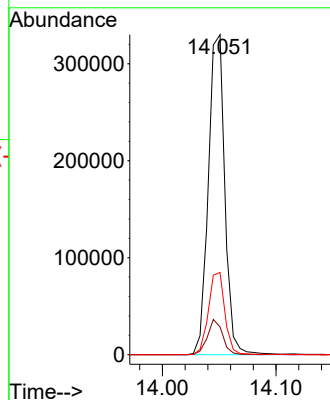
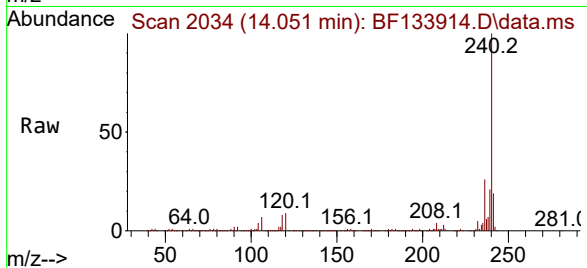
Tgt Ion:240 Resp: 332500

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 88.672 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF133914.D

Acq: 22 Jun 2023 22:15

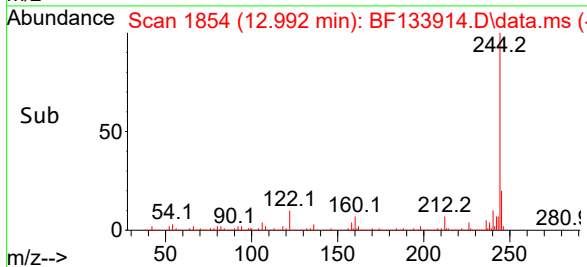
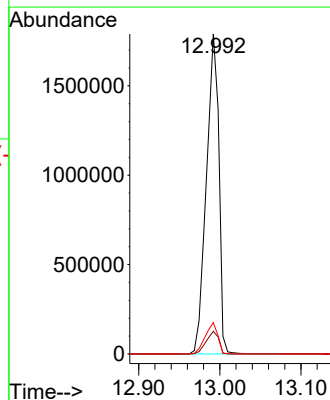
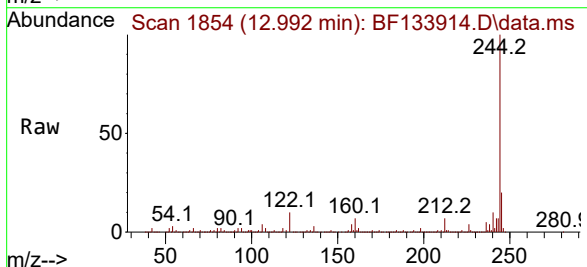
Tgt Ion:244 Resp: 1905419

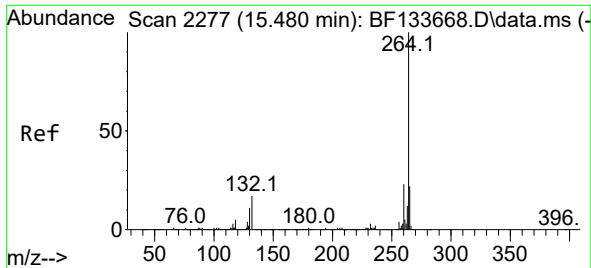
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.8 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133914.D
Acq: 22 Jun 2023 22:15

Instrument :
BNA_F
ClientSampleId :
WC-16

Tgt Ion:264 Resp: 271126

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	21.9	17.8	26.6

