

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133929.D
 Acq On : 23 Jun 2023 06:18
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Quant Time: Jun 23 06:38:08 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)

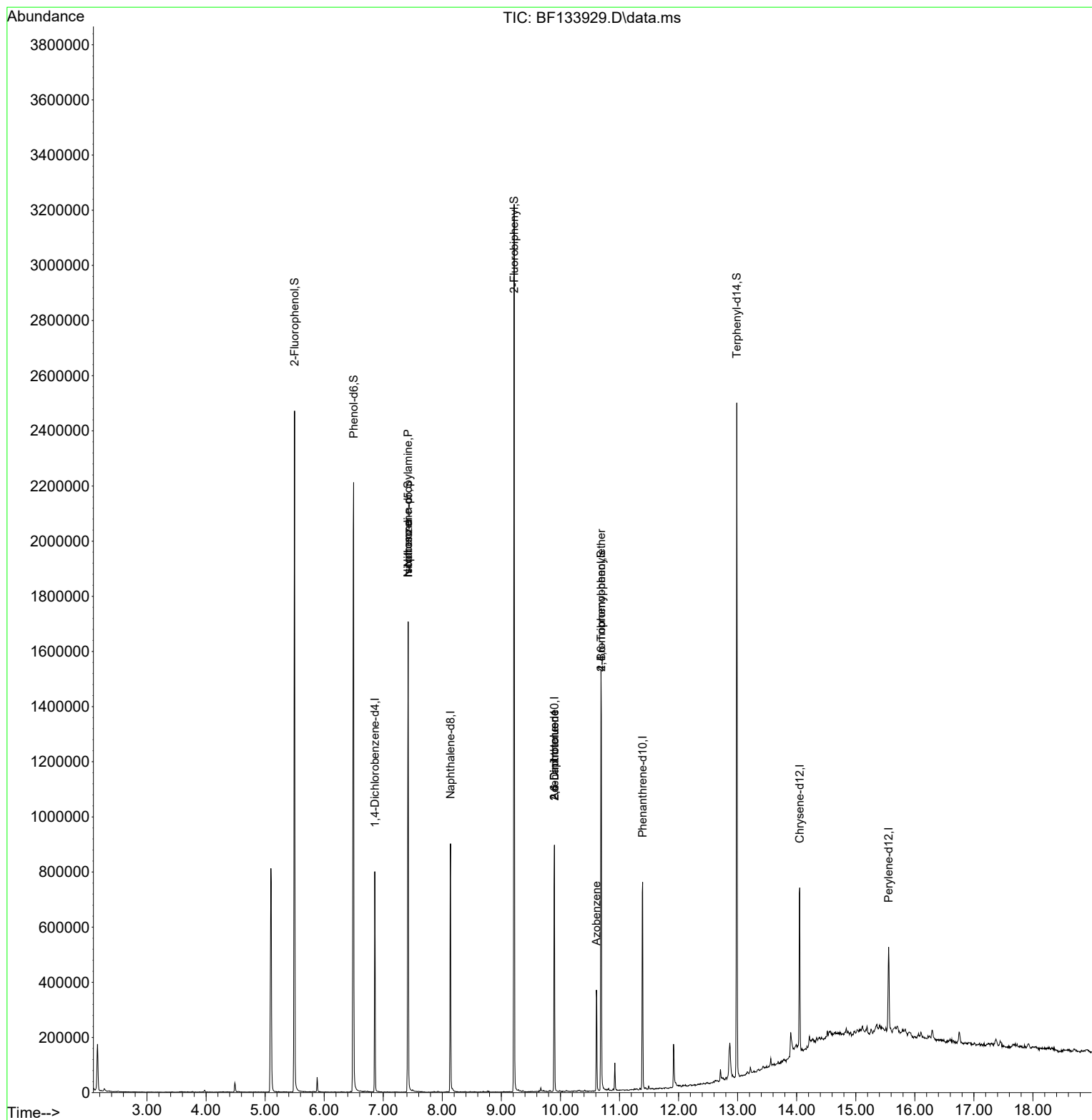
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	106463	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	387417	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	175560	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	290596	20.000	ng	0.00
76) Chrysene-d12	14.051	240	210836	20.000	ng	0.00
86) Perylene-d12	15.557	264	155880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	608502	99.503	ng	0.00
7) Phenol-d6	6.498	99	740977	93.085	ng	0.00
23) Nitrobenzene-d5	7.422	82	504069	70.867	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	185190	83.333	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	894549	72.432	ng	0.00
79) Terphenyl-d14	12.986	244	815952	59.883	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	69966	13.815	ng	# 76
25) Isophorone	7.422	82	504064	38.601	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	21081	7.794	ng	# 29
57) 2,4-Dinitrotoluene	9.898	165	21081	6.128	ng	# 20
63) Azobenzene	10.610	77	67617	5.356	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	11486	3.541	ng	# 1

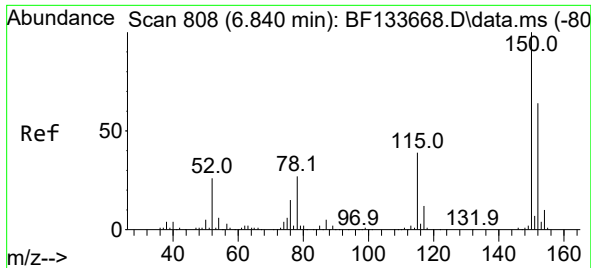
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133929.D
Acq On : 23 Jun 2023 06:18
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10

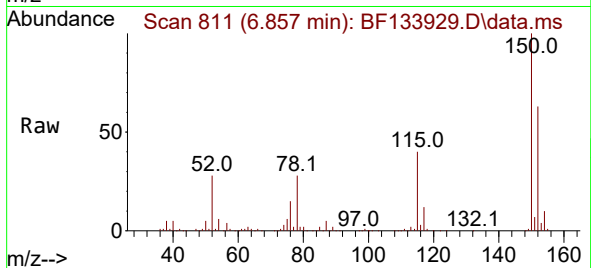
Quant Time: Jun 23 06:38:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration



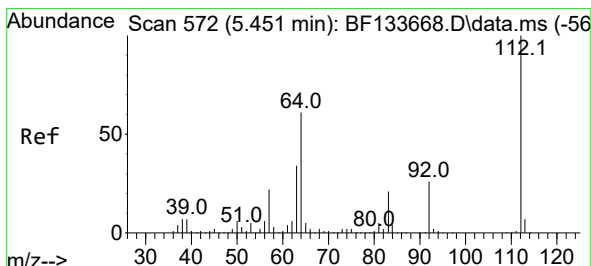
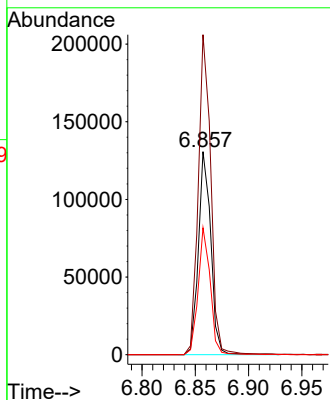
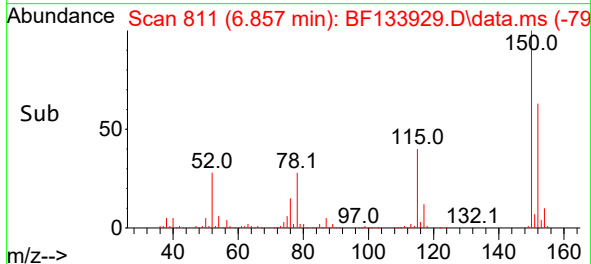


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Instrument :
BNA_F
ClientSampleId :
WC-10

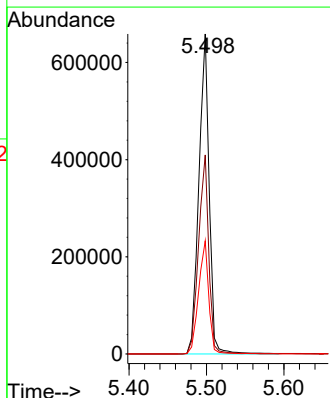
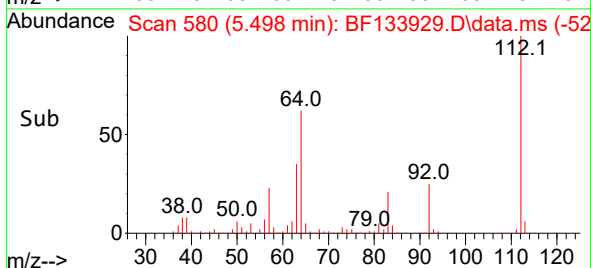
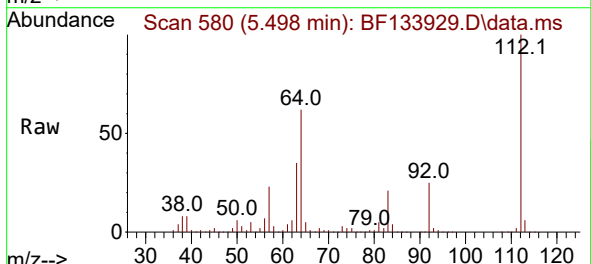


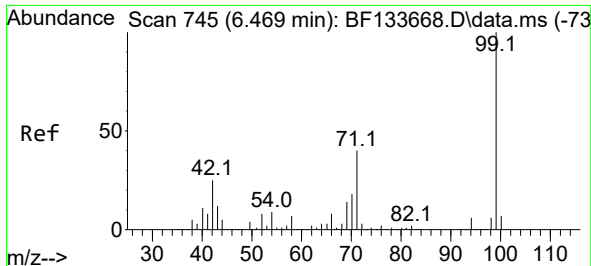
Tgt Ion:152 Resp: 106463
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 99.503 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:112 Resp: 608502
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.4
63 35.3 26.8 40.2

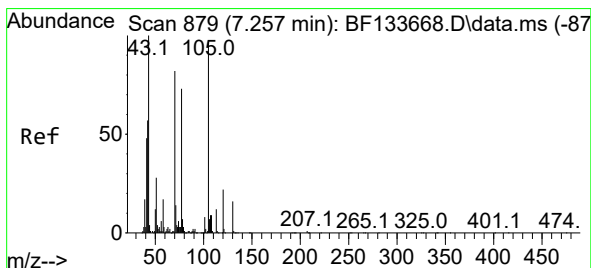
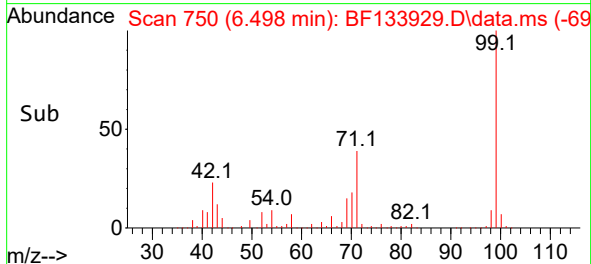
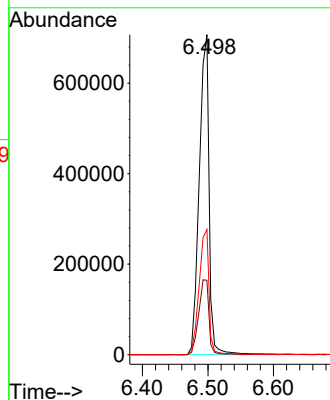
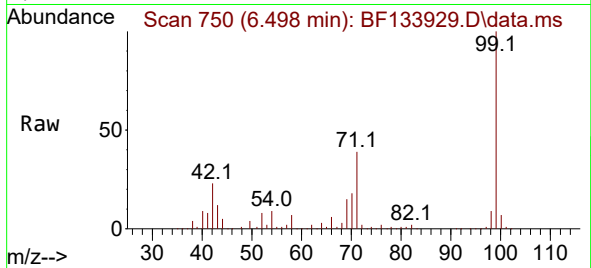




#7
Phenol-d6
Concen: 93.085 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

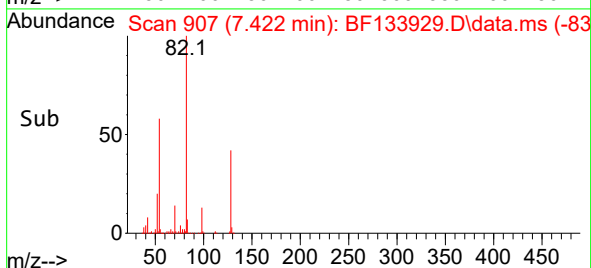
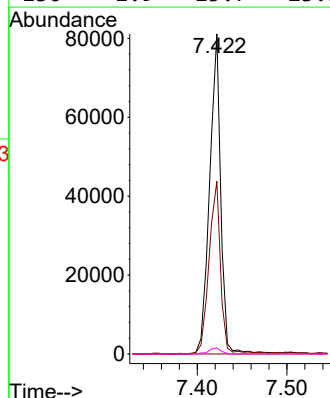
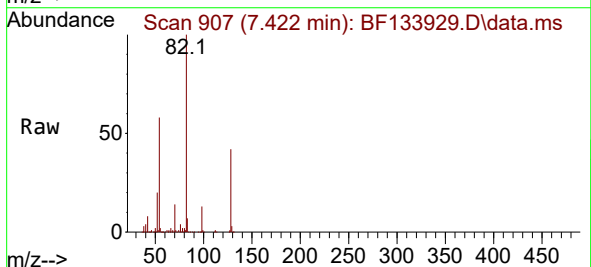
Instrument :
BNA_F
ClientSampleId :
WC-10

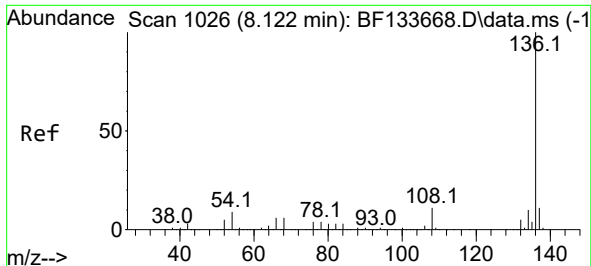
Tgt Ion: 99 Resp: 740977
Ion Ratio Lower Upper
99 100
42 23.3 19.9 29.9
71 39.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.815 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion: 70 Resp: 69966
Ion Ratio Lower Upper
70 100
42 53.9 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#

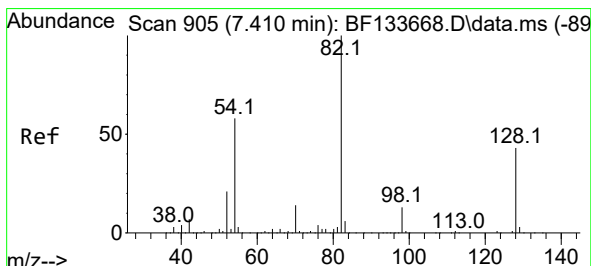
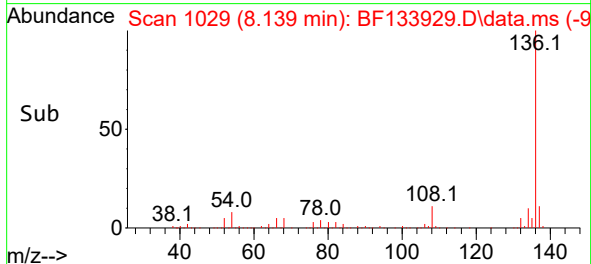
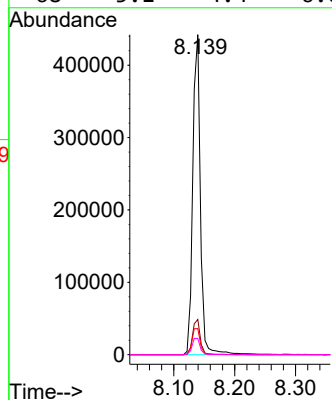
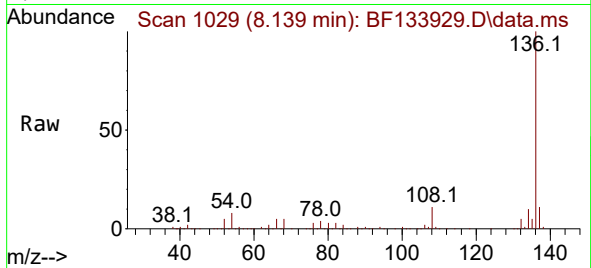




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

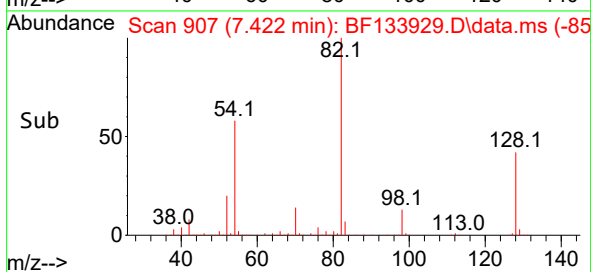
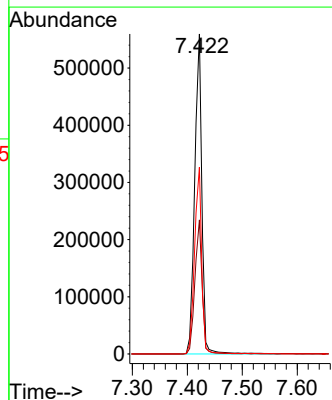
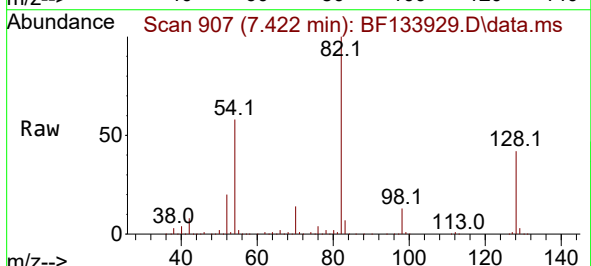
Instrument :
BNA_F
ClientSampleId :
WC-10

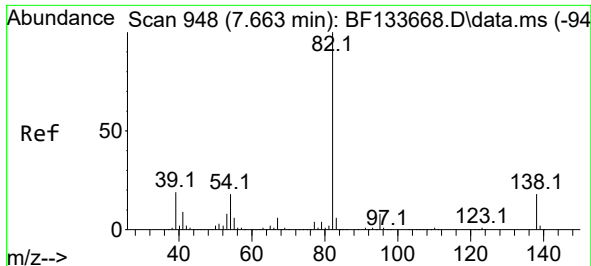
Tgt Ion:136 Resp: 387417
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 70.867 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion: 82 Resp: 504069
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.2
54 58.4 46.5 69.7

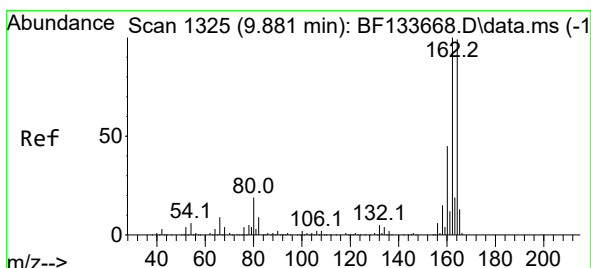
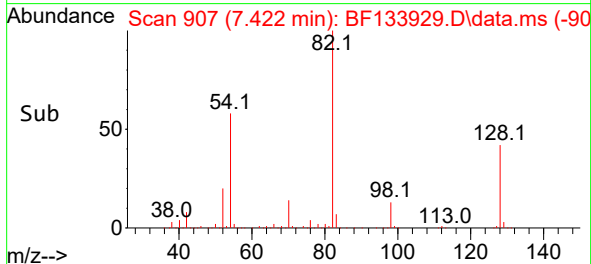
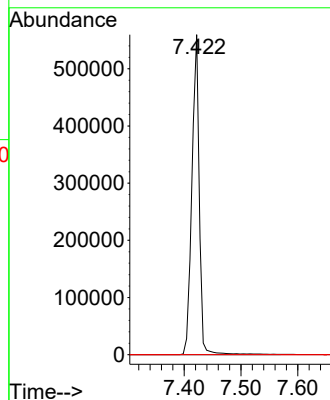
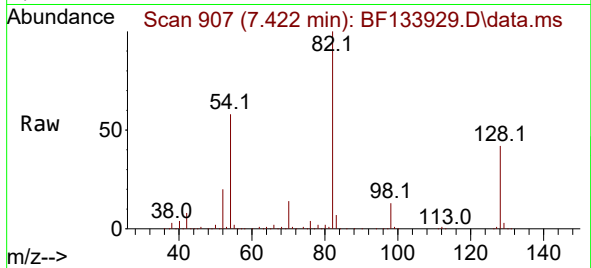




#25
Isophorone
Concen: 38.601 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

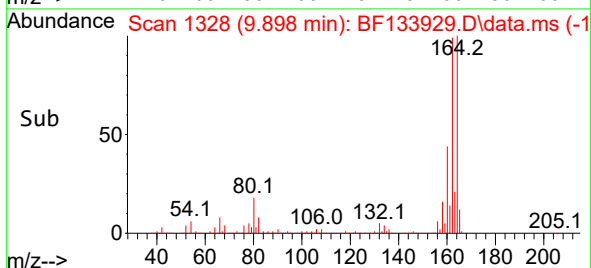
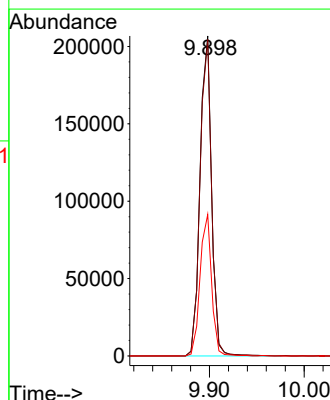
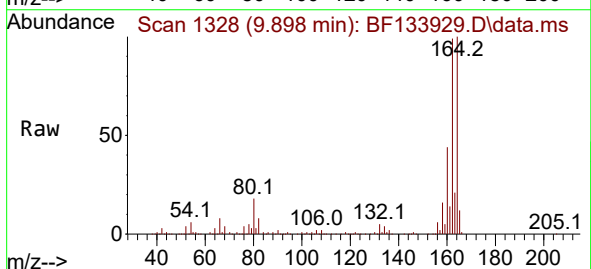
Instrument :
BNA_F
ClientSampleId :
WC-10

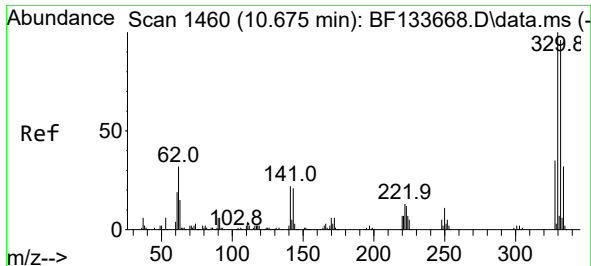
Tgt Ion: 82 Resp: 504064
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:164 Resp: 175560
Ion Ratio Lower Upper
164 100
162 98.9 80.8 121.2
160 44.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 83.333 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133929.D

Acq: 23 Jun 2023 06:18

Instrument :

BNA_F

ClientSampleId :

WC-10

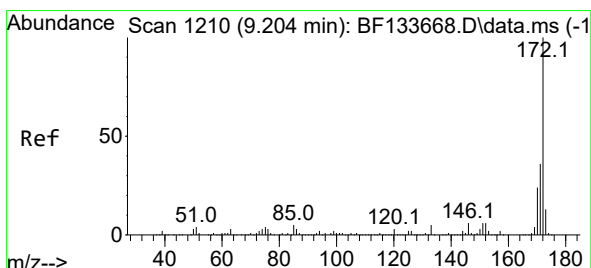
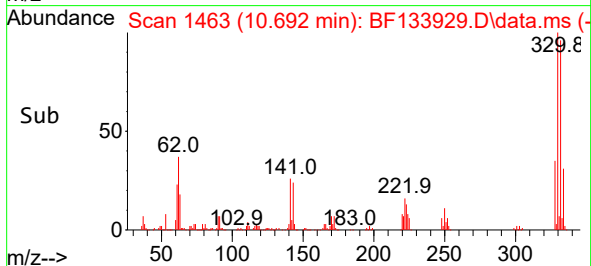
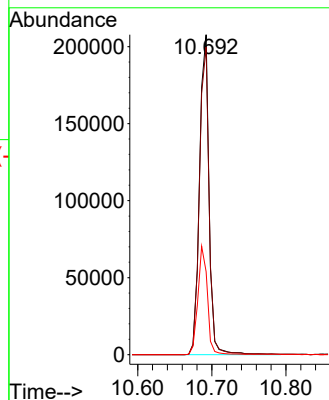
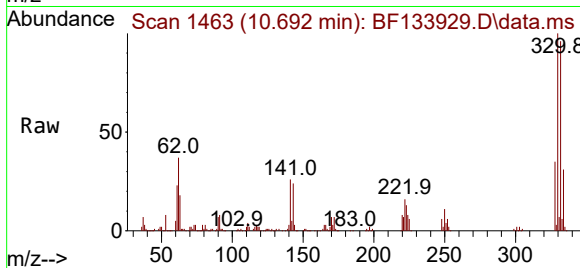
Tgt Ion:330 Resp: 185190

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

141 33.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 72.432 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133929.D

Acq: 23 Jun 2023 06:18

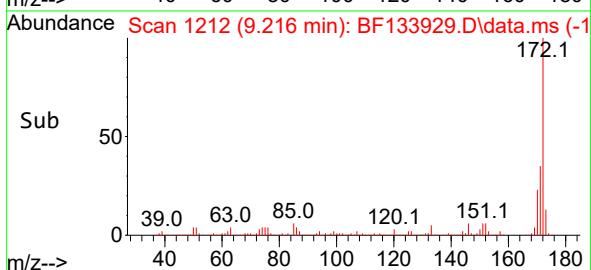
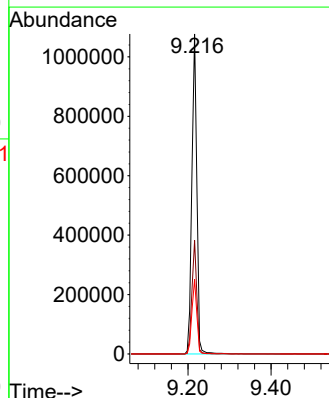
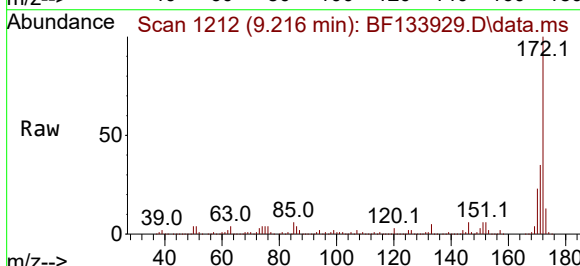
Tgt Ion:172 Resp: 894549

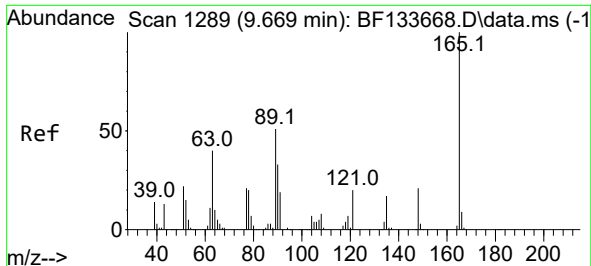
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.4 19.1 28.7

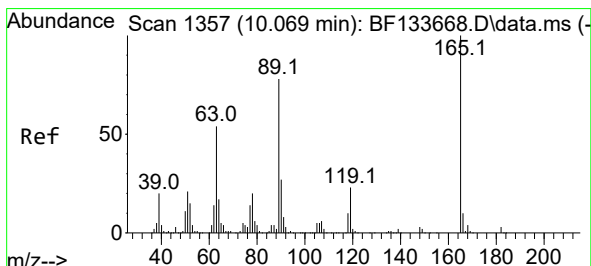
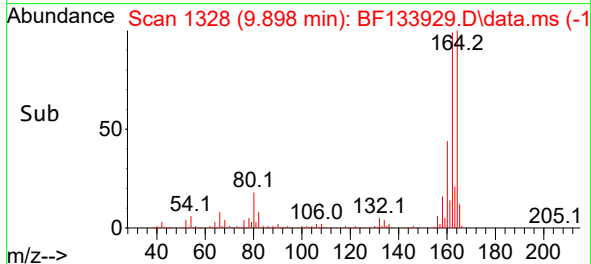
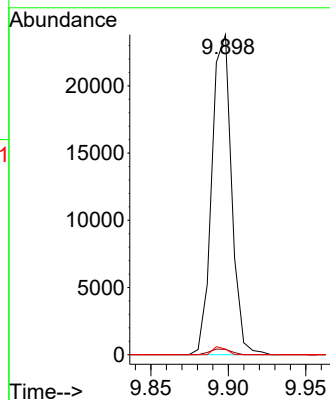
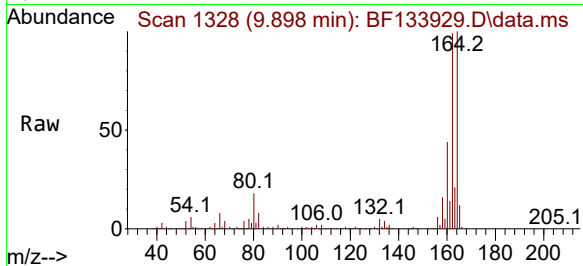




#51
2,6-Dinitrotoluene
Concen: 7.794 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

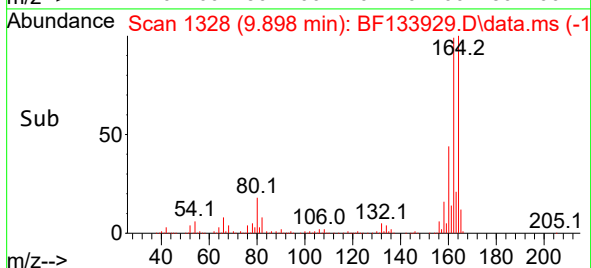
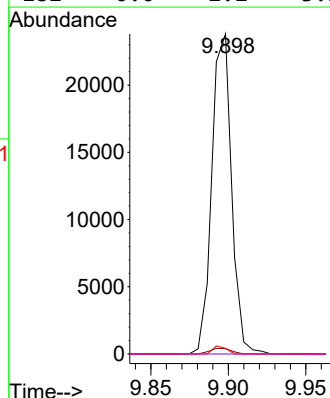
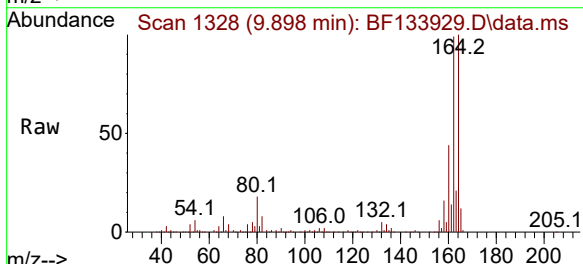
Instrument :
BNA_F
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WC-10

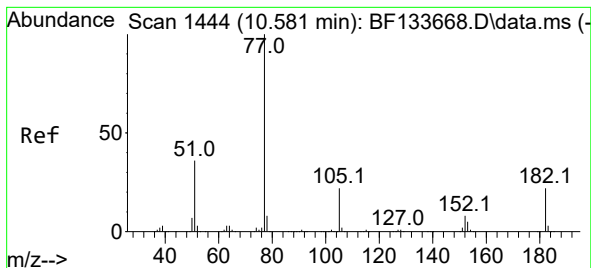
Tgt Ion:165 Resp: 21081
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:165 Resp: 21081
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 5.356 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF133929.D

Acq: 23 Jun 2023 06:18

Instrument :

BNA_F

ClientSampleId :

WC-10

Tgt Ion: 77 Resp: 67617

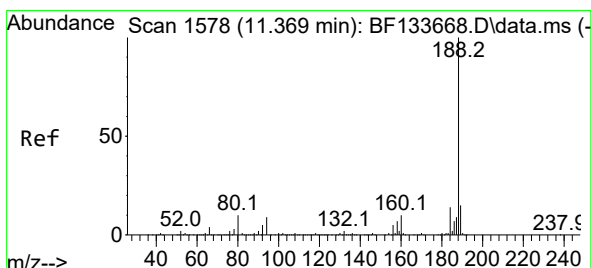
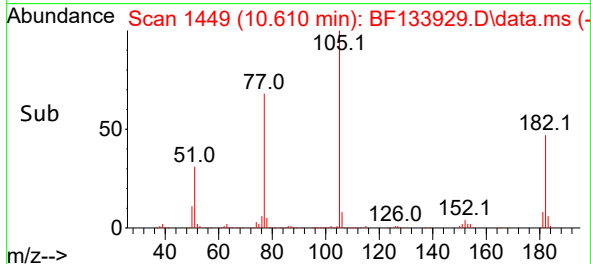
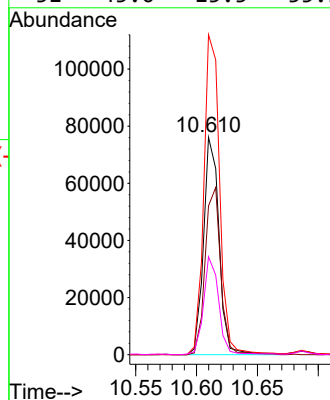
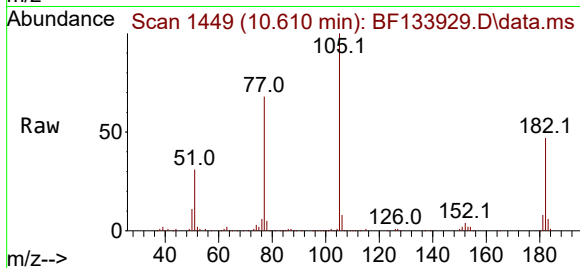
Ion Ratio Lower Upper

77 100

182 68.5 1.6 41.6#

105 147.2 1.6 41.6#

51 45.0 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133929.D

Acq: 23 Jun 2023 06:18

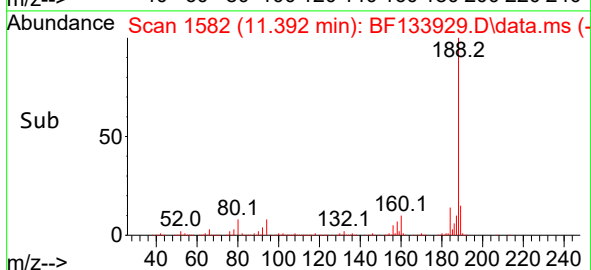
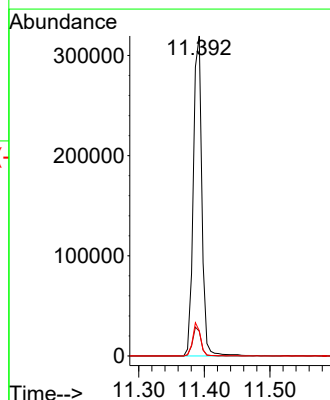
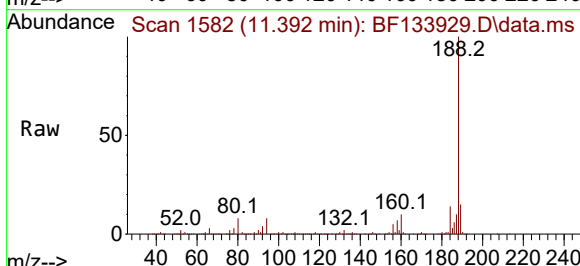
Tgt Ion:188 Resp: 290596

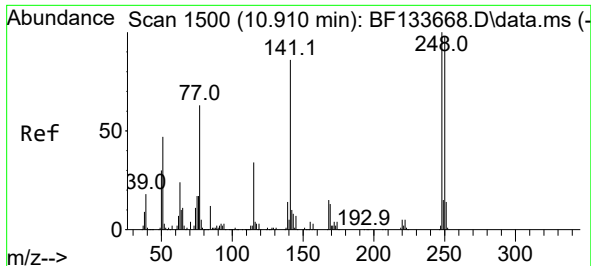
Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 7.9 7.8 11.6

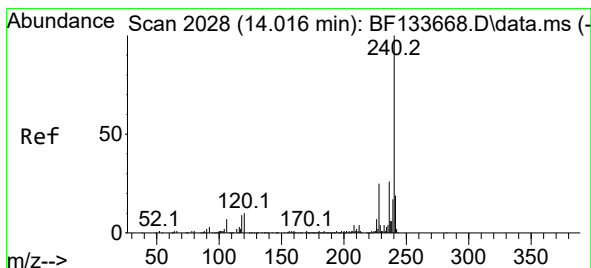
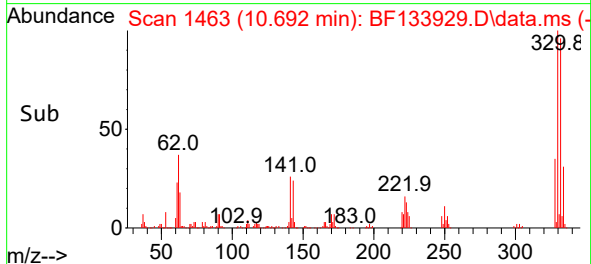
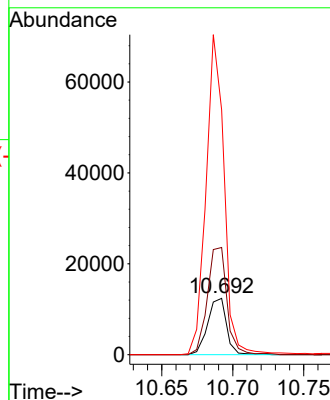
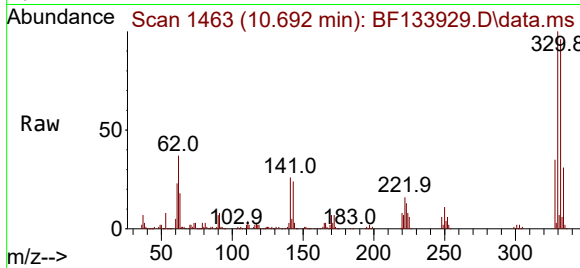




#67
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

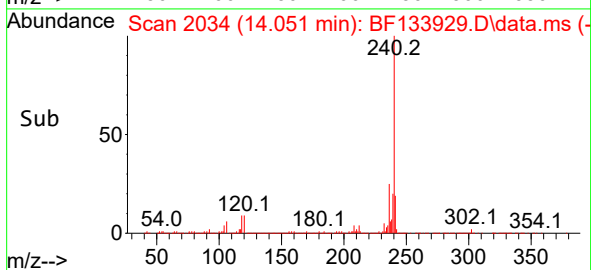
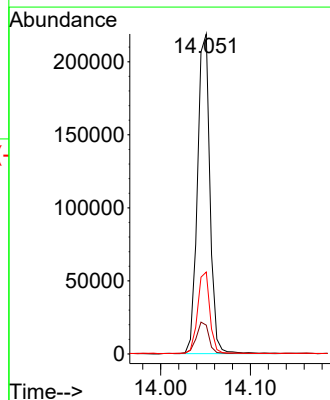
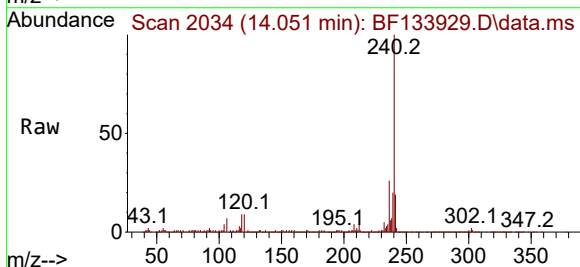
Instrument :
BNA_F
ClientSampleId :
WC-10

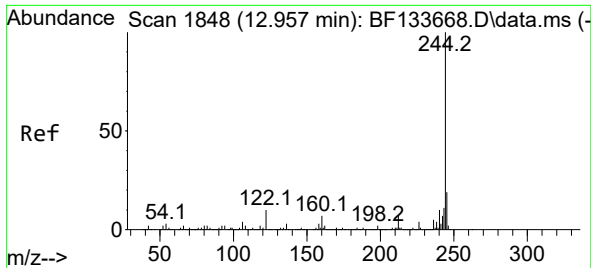
Tgt Ion:248 Resp: 11486
Ion Ratio Lower Upper
248 100
250 190.4 78.3 117.5#
141 434.5 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:240 Resp: 210836
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 25.6 20.5 30.7

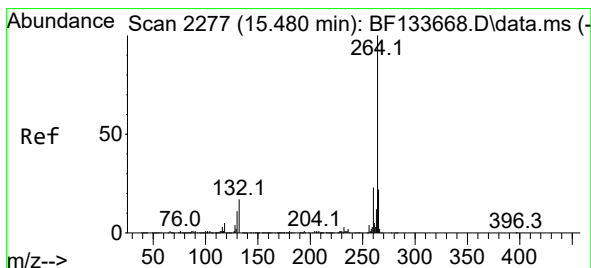
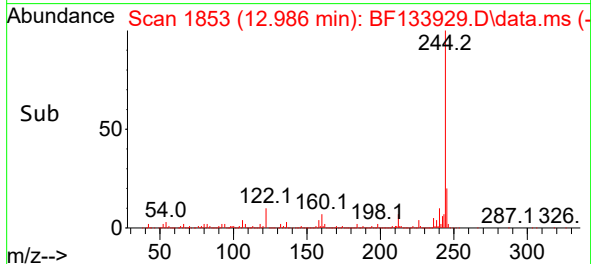
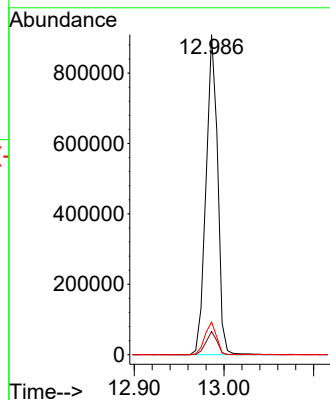
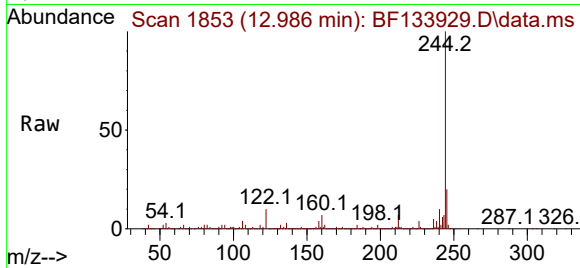




#79
 Terphenyl-d14
 Concen: 59.883 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133929.D
 Acq: 23 Jun 2023 06:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Tgt Ion:244 Resp: 815952
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133929.D
 Acq: 23 Jun 2023 06:18

Tgt Ion:264 Resp: 155880
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 21.5 17.8 26.6

