

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133900.D
 Acq On : 22 Jun 2023 14:28
 Operator : CG\JU
 Sample : 03321-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-21

Quant Time: Jun 23 02:29:03 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)

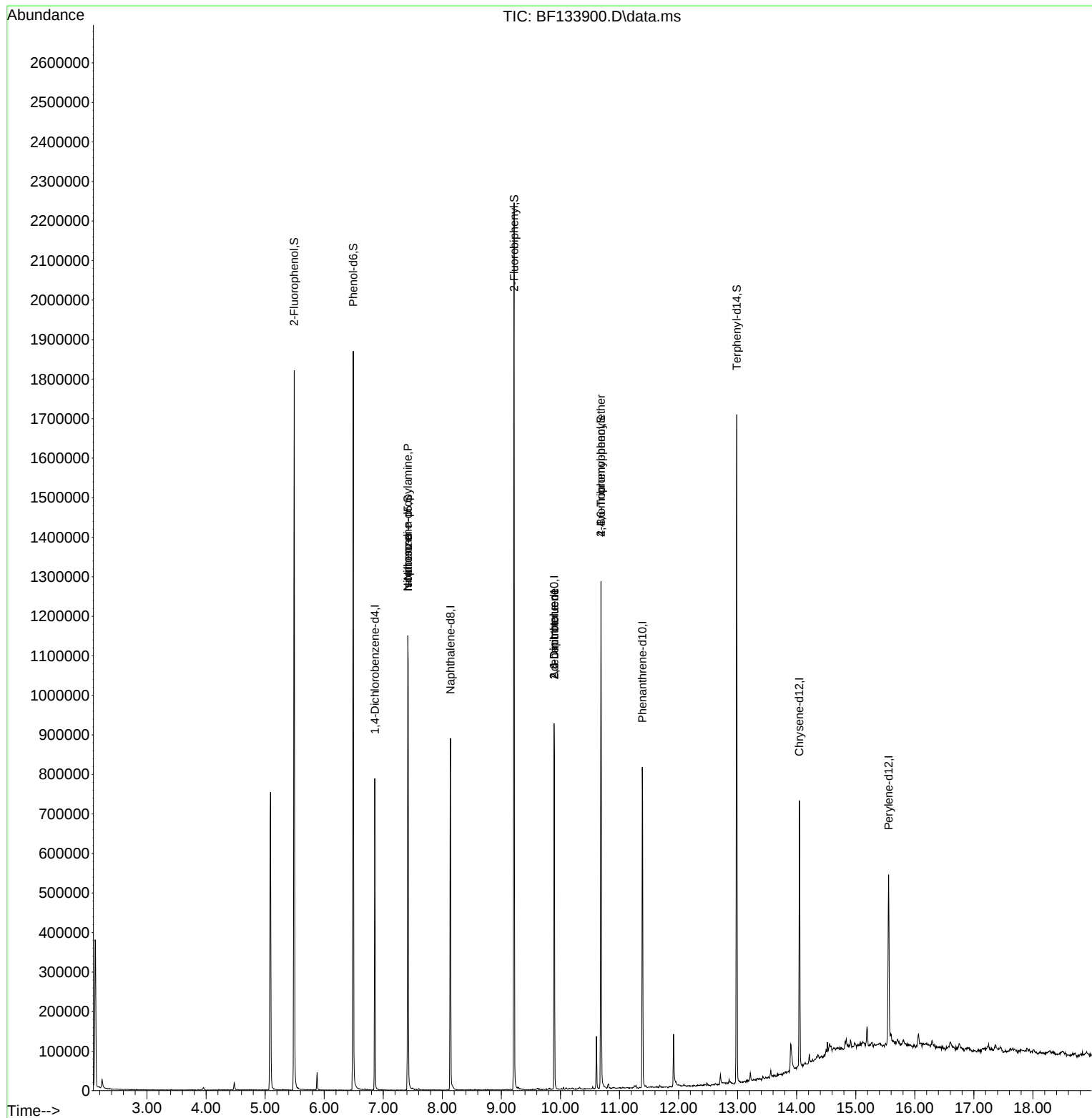
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	104261	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	386948	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	180552	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	313790	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230101	20.000	ng	-0.01
86) Perylene-d12	15.557	264	204356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	440021	73.473	ng	0.00
7) Phenol-d6	6.492	99	517946	66.441	ng	0.00
23) Nitrobenzene-d5	7.416	82	355442	50.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	145737	63.767	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	656166	51.661	ng	0.00
79) Terphenyl-d14	12.986	244	557440	37.486	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	48948	9.869	ng	# 80
25) Isophorone	7.416	82	355439	27.252	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	23909	8.595	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	23909	6.758	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	8644	2.468	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133900.D
Acq On : 22 Jun 2023 14:28
Operator : CG\JU
Sample : 03321-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

Quant Time: Jun 23 02:29:03 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

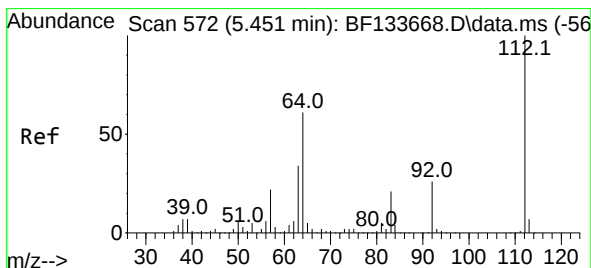
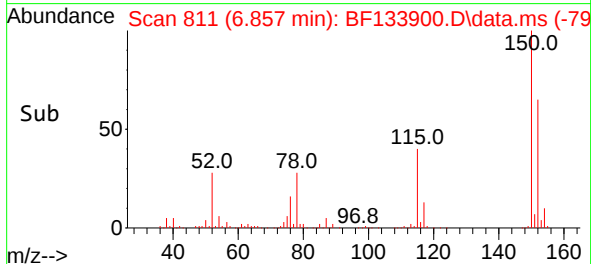
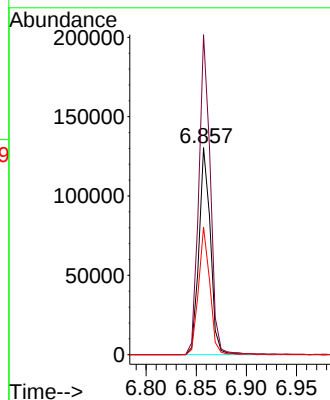
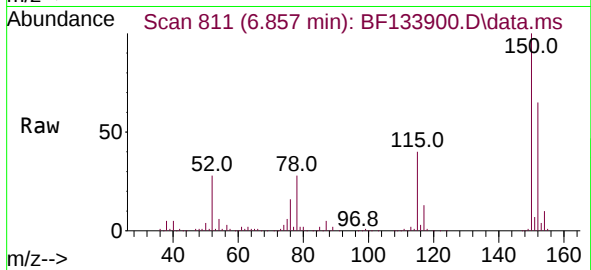




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

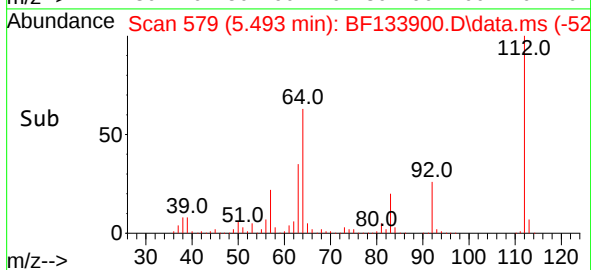
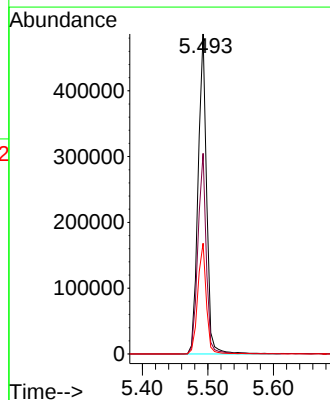
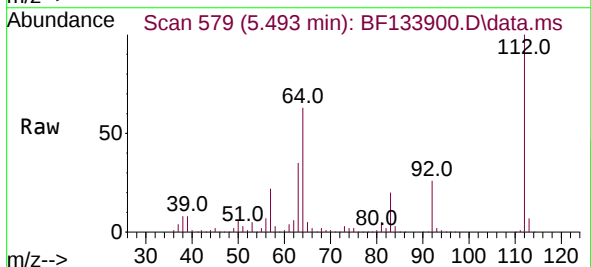
Instrument :
BNA_F
ClientSampleId :
WC-21

Tgt Ion:152 Resp: 104261
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 73.473 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion:112 Resp: 440021
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 34.6 26.8 40.2

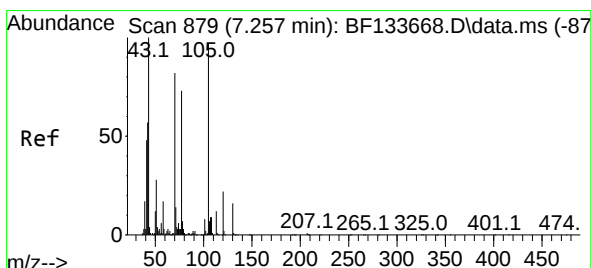
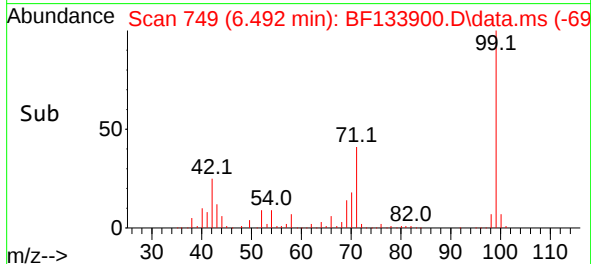
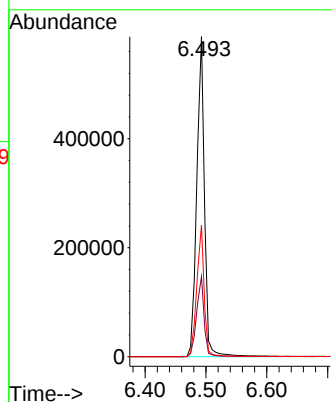
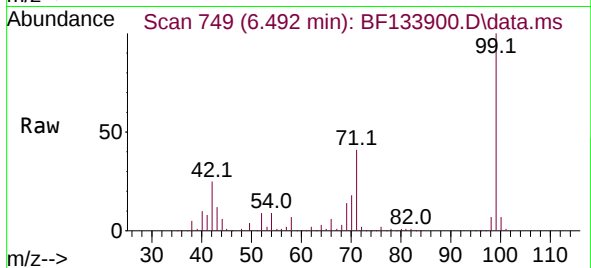




#7
Phenol-d6
Concen: 66.441 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

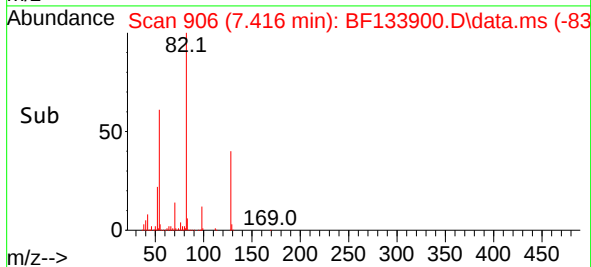
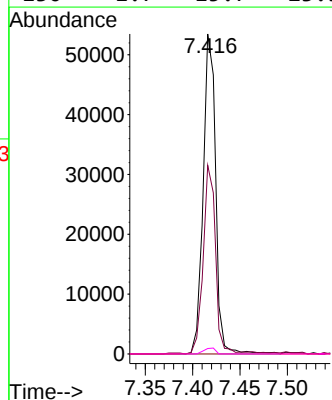
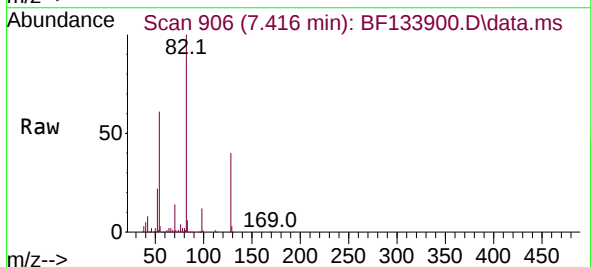
Instrument :
BNA_F
ClientSampleId :
WC-21

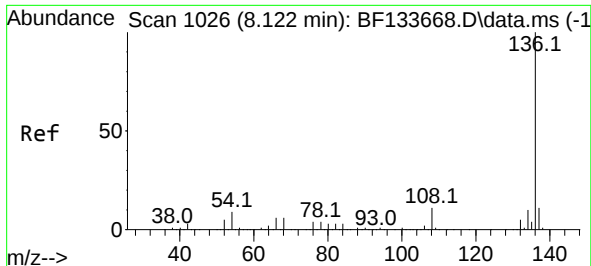
Tgt Ion: 99 Resp: 517946
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.869 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion: 70 Resp: 48948
Ion Ratio Lower Upper
70 100
42 58.9 55.8 83.8
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#

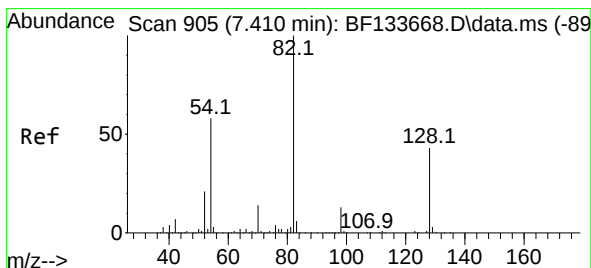
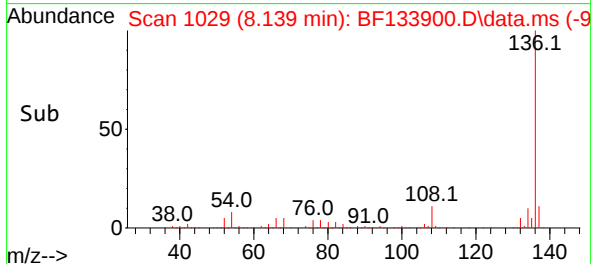
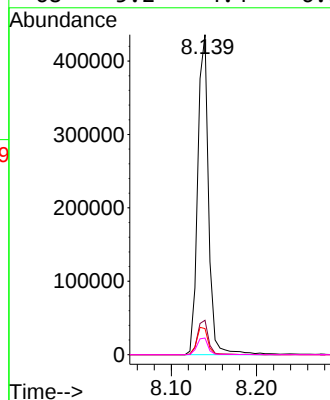
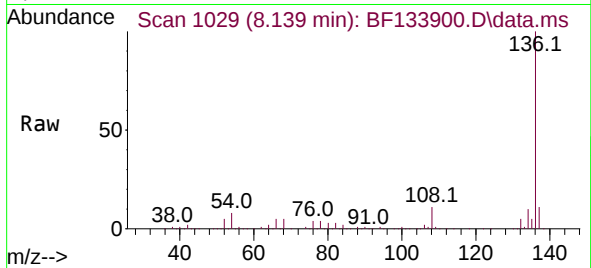




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

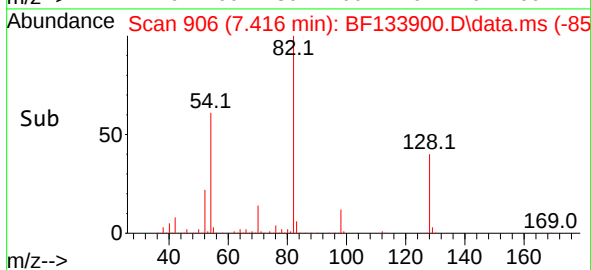
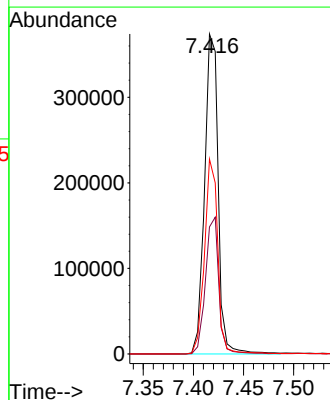
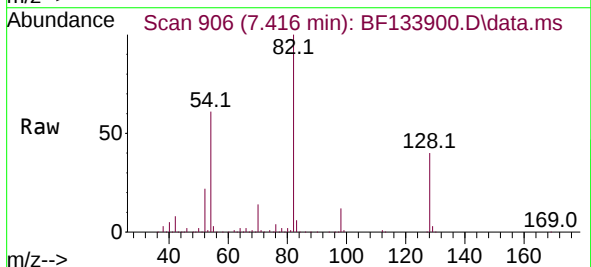
Instrument :
BNA_F
ClientSampleId :
WC-21

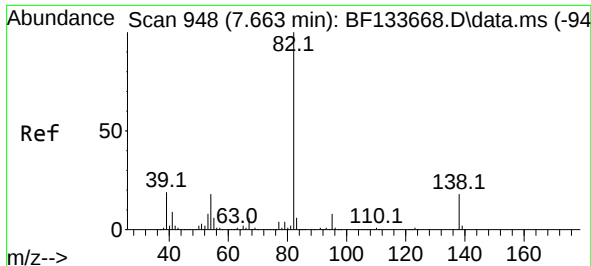
Tgt Ion:136 Resp: 386948
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.2 7.4 11.0
68 5.2 4.4 6.6



#23
Nitrobenzene-d5
Concen: 50.032 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion: 82 Resp: 355442
Ion Ratio Lower Upper
82 100
128 39.7 34.2 51.2
54 60.9 46.5 69.7

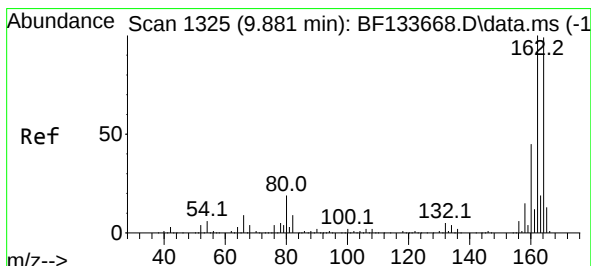
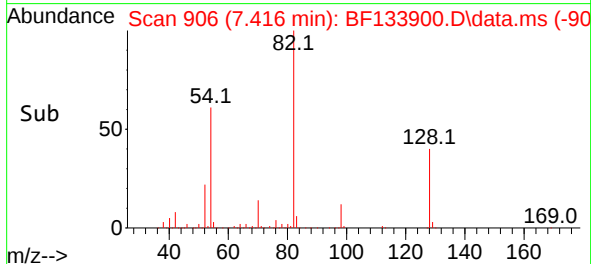
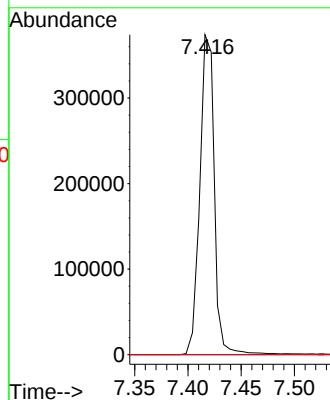
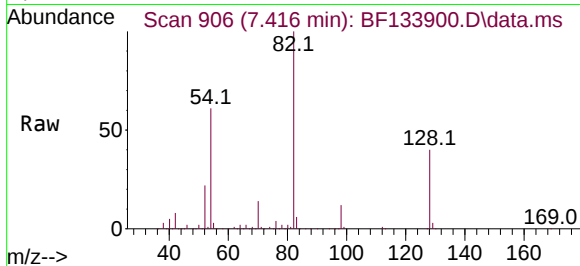




#25
Isophorone
Concen: 27.252 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

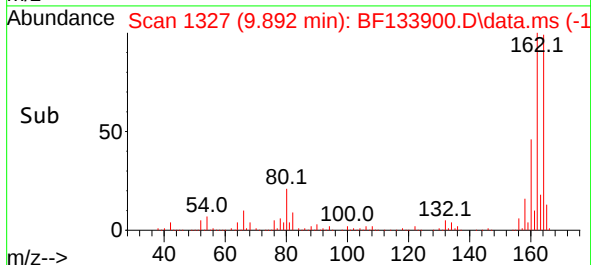
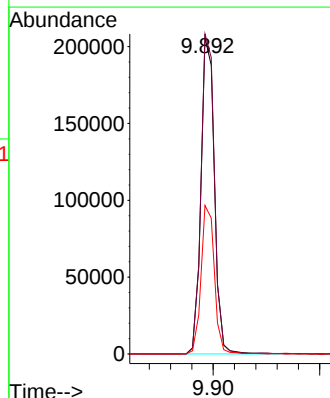
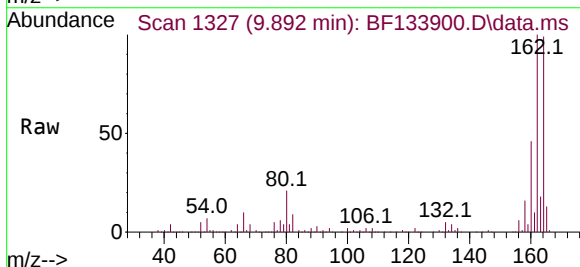
Instrument :
BNA_F
ClientSampleId :
WC-21

Tgt Ion: 82 Resp: 355439
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: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion: 164 Resp: 180552
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 46.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 63.767 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF133900.D

Acq: 22 Jun 2023 14:28

Instrument :

BNA_F

ClientSampleId :

WC-21

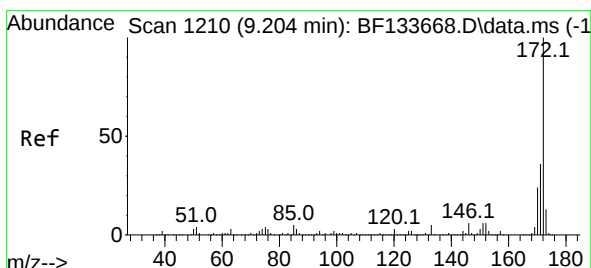
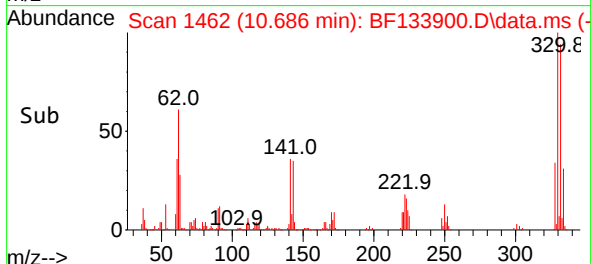
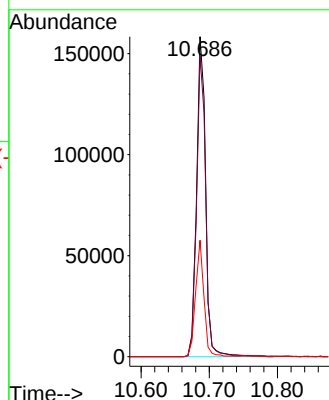
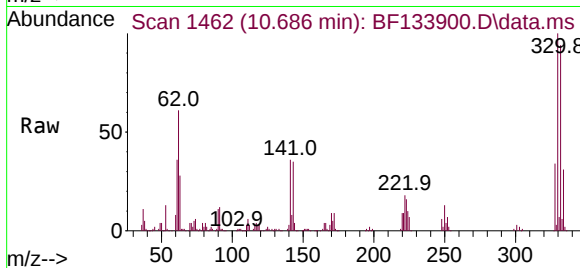
Tgt Ion:330 Resp: 145737

Ion Ratio Lower Upper

330 100

332 94.1 77.2 115.8

141 33.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 51.661 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133900.D

Acq: 22 Jun 2023 14:28

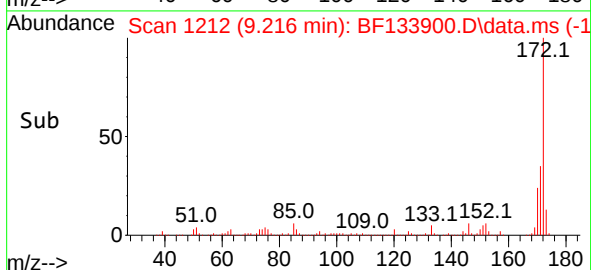
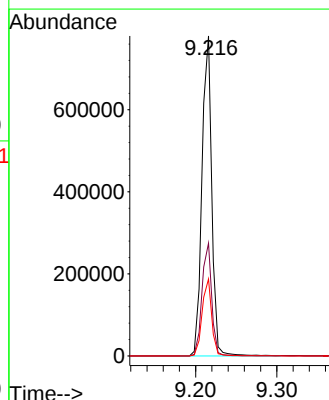
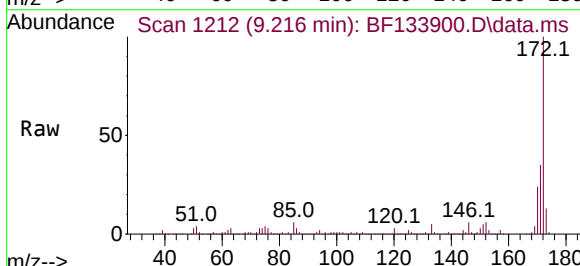
Tgt Ion:172 Resp: 656166

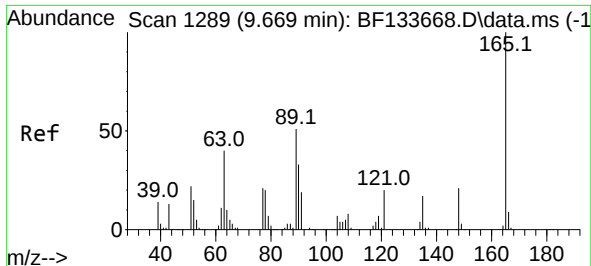
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.0 19.1 28.7

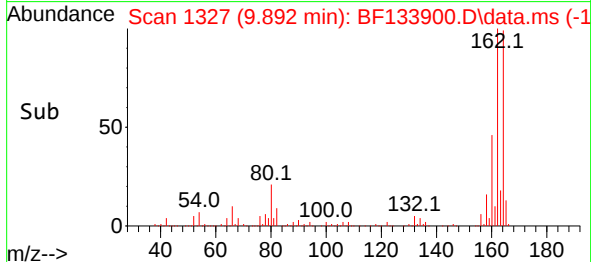
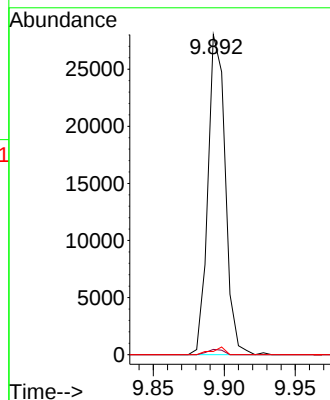
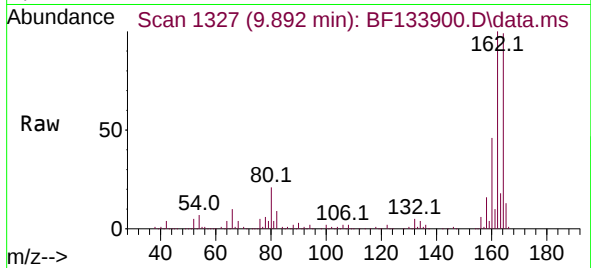




#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

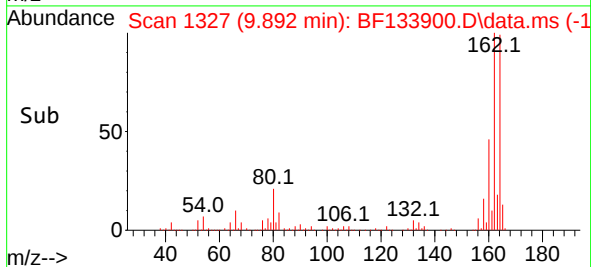
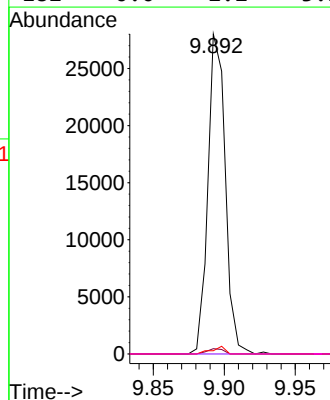
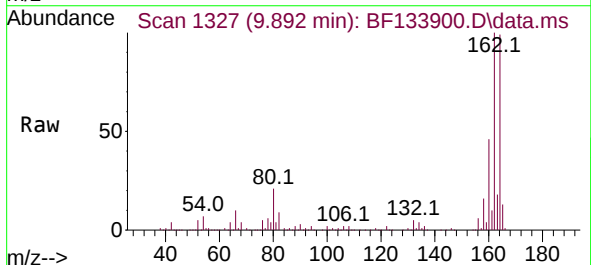
Instrument :
BNA_F
ClientSampleId :
WC-21

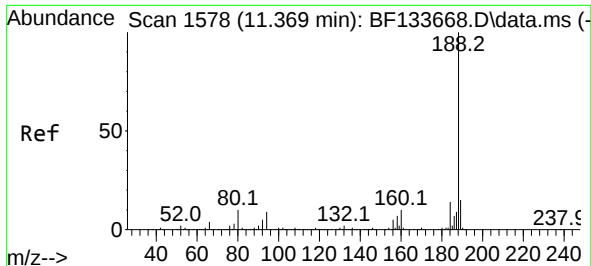
Tgt Ion:165 Resp: 23909
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 1.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.758 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion:165 Resp: 23909
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.0 62.6 93.8#
182 0.0 2.2 3.2#

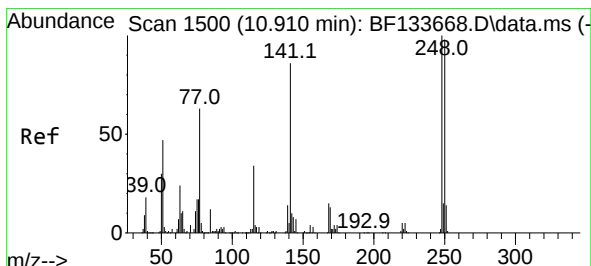
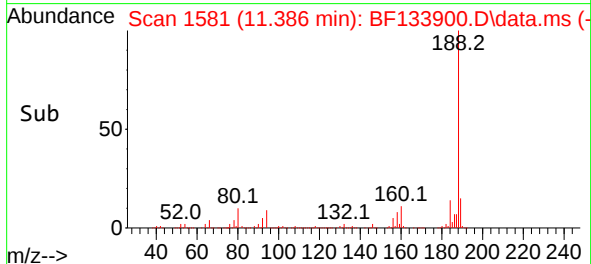
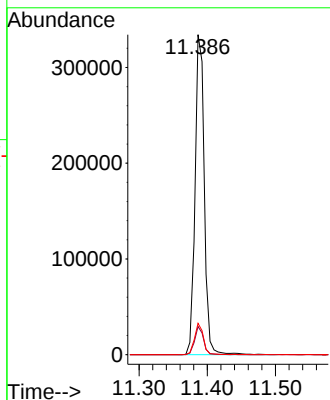
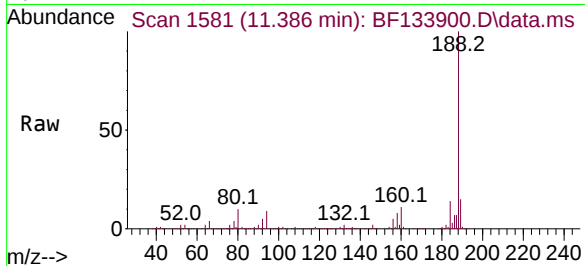




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

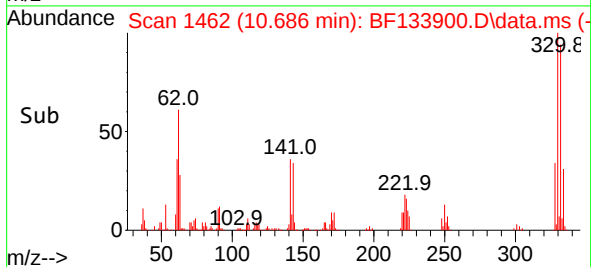
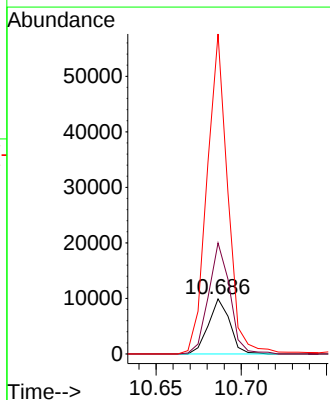
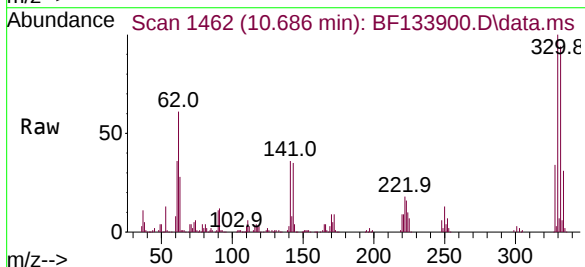
Instrument :
BNA_F
ClientSampleId :
WC-21

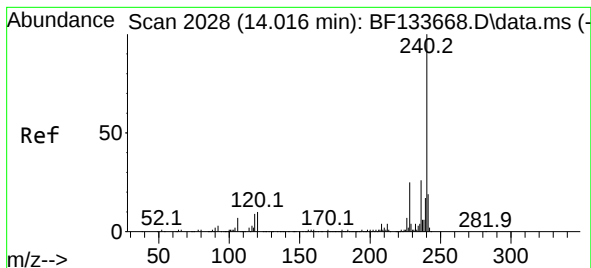
Tgt Ion:188 Resp: 313790
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.8 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.468 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Tgt Ion:248 Resp: 8644
Ion Ratio Lower Upper
248 100
250 202.0 78.3 117.5#
141 581.9 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: BF133900.D

Acq: 22 Jun 2023 14:28

Instrument :

BNA_F

ClientSampleId :

WC-21

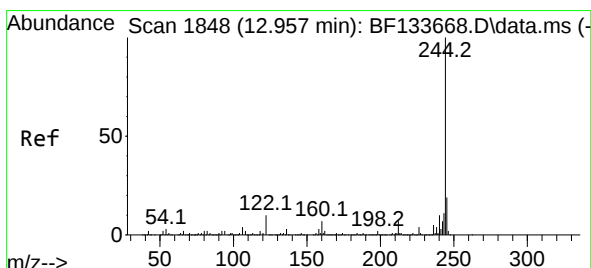
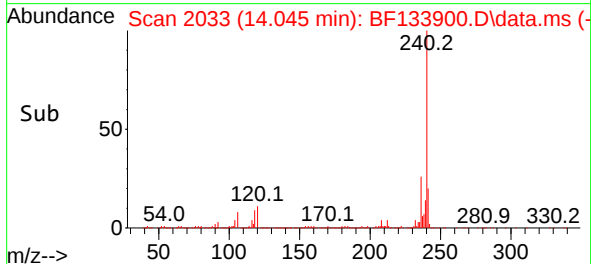
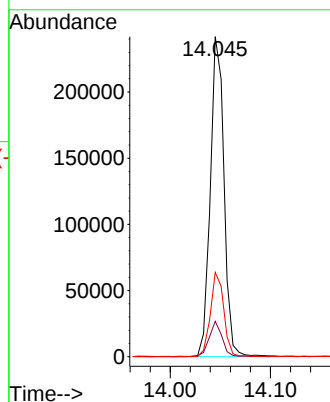
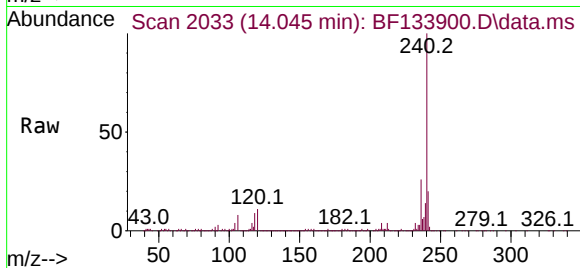
Tgt Ion:240 Resp: 230101

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 26.4 20.5 30.7



#79

Terphenyl-d14

Concen: 37.486 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF133900.D

Acq: 22 Jun 2023 14:28

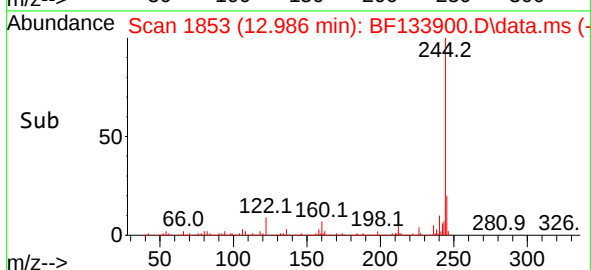
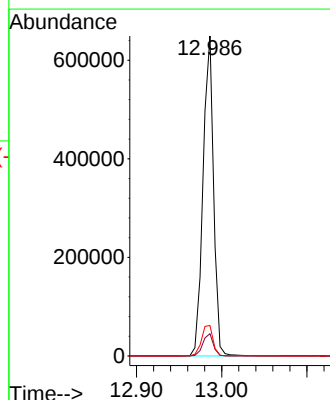
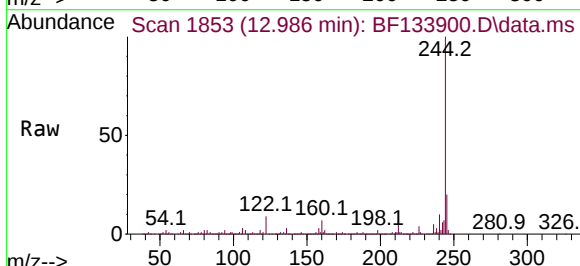
Tgt Ion:244 Resp: 557440

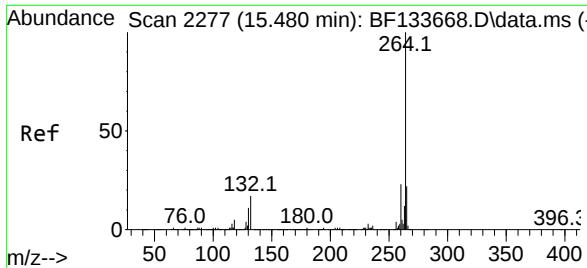
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

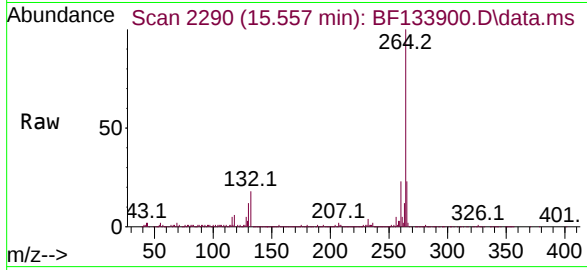
122 9.5 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133900.D
Acq: 22 Jun 2023 14:28

Instrument :
BNA_F
ClientSampleId :
WC-21



Tgt Ion:264 Resp: 204356
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 22.8 17.8 26.6

