

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133850.D
 Acq On : 20 Jun 2023 11:48
 Operator : CG\JU
 Sample : 03282-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

Quant Time: Jun 20 12:46:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

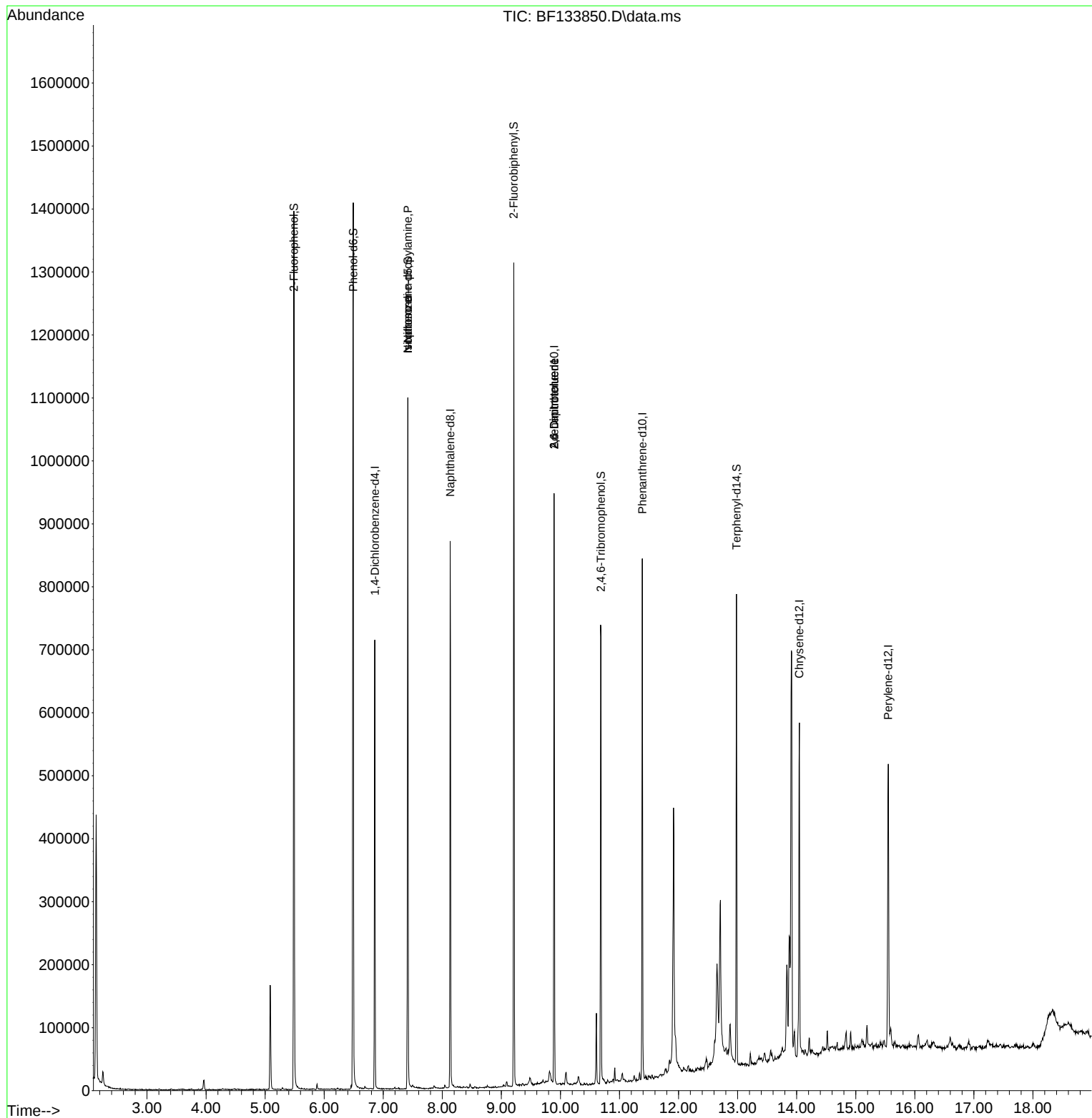
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92220	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	350253	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	166237	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	269426	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174111	20.000	ng	0.00
86) Perylene-d12	15.551	264	212427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	342325	64.623	ng	0.00
7) Phenol-d6	6.492	99	412407	59.810	ng	0.00
23) Nitrobenzene-d5	7.416	82	281050	43.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	85725	40.739	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	352340	30.129	ng	-0.01
79) Terphenyl-d14	12.980	244	227337	20.204	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	38436	8.761	ng	# 78
25) Isophorone	7.416	82	281047	23.806	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	20516	8.010	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	20516	6.298	ng	# 19

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

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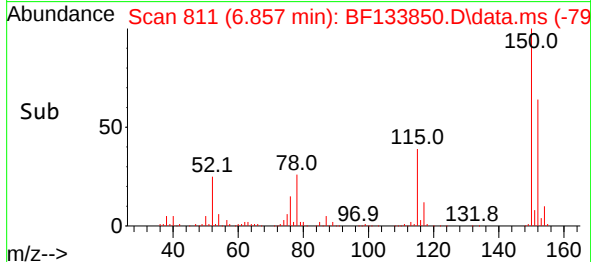
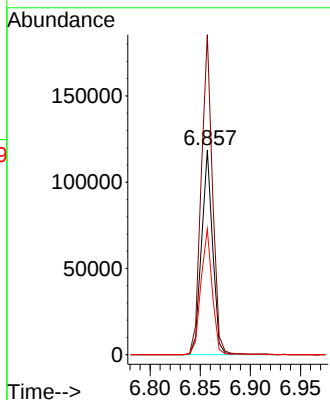
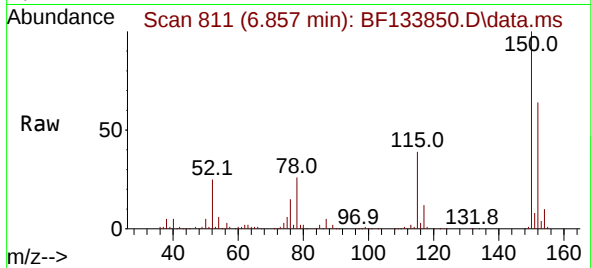




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

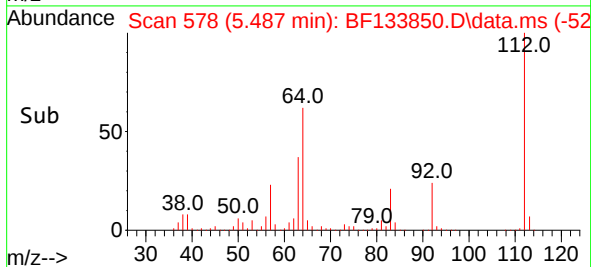
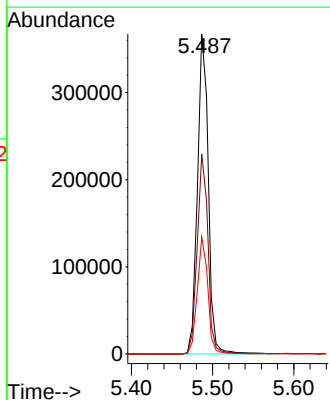
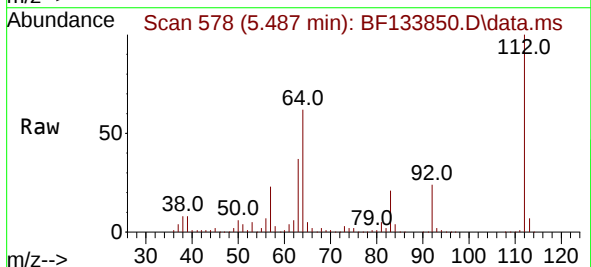
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion:152 Resp: 92220
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 64.623 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion:112 Resp: 342325
Ion Ratio Lower Upper
112 100
64 62.5 49.0 73.4
63 36.6 26.8 40.2

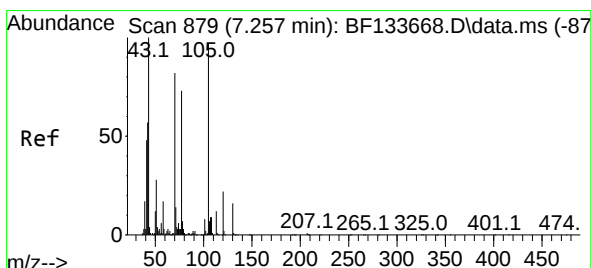
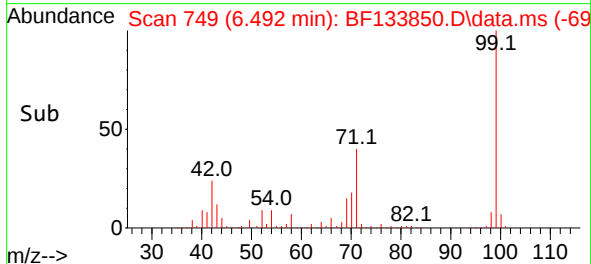
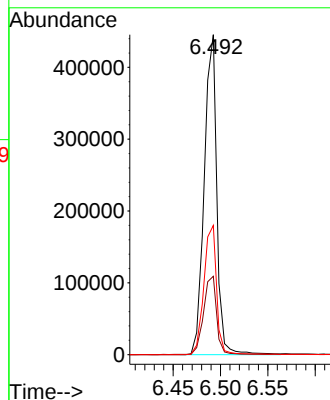
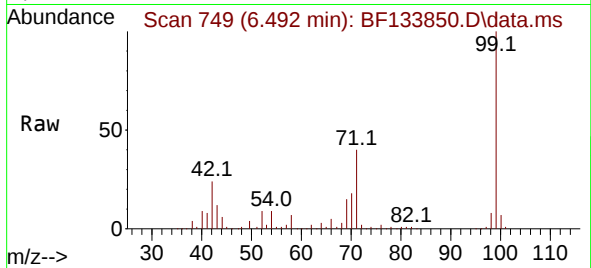




#7
Phenol-d6
Concen: 59.810 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

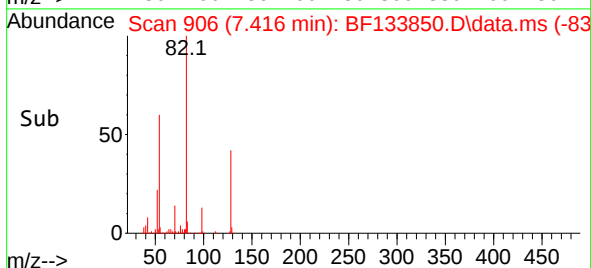
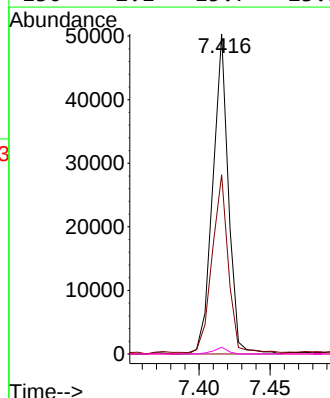
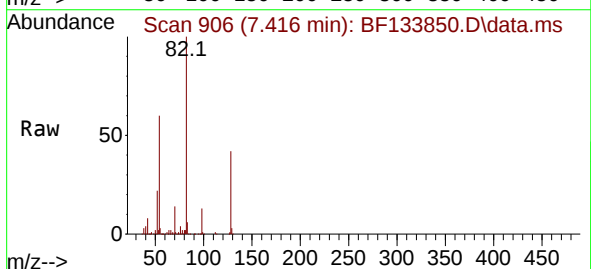
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

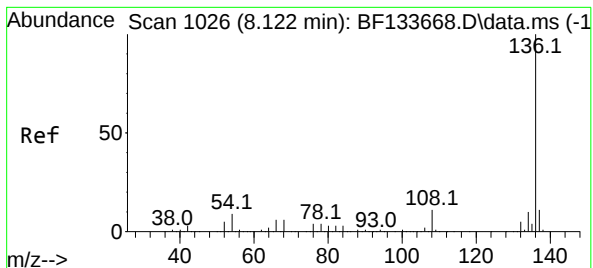
Tgt Ion: 99 Resp: 412407
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.761 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion: 70 Resp: 38436
Ion Ratio Lower Upper
70 100
42 56.0 55.8 83.8
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

Instrument :

BNA_F

ClientSampleId :

WC-NEX-002

Tgt Ion:136 Resp: 350253

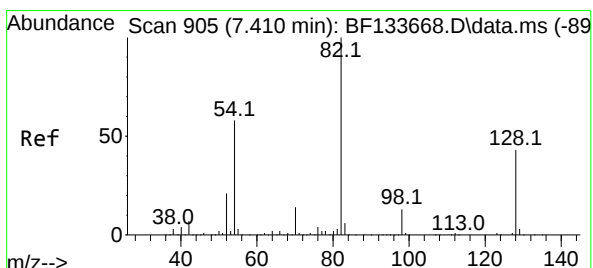
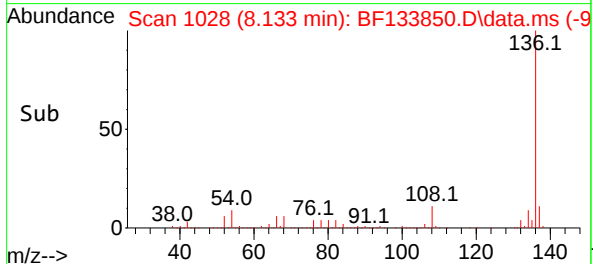
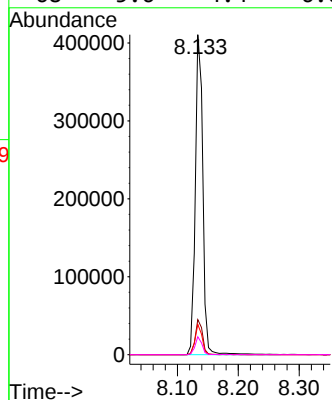
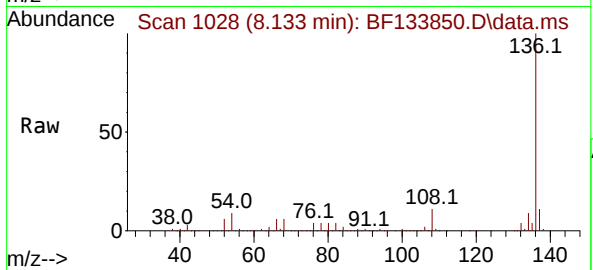
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.4 7.4 11.0

68 5.6 4.4 6.6



#23

Nitrobenzene-d5

Concen: 43.705 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

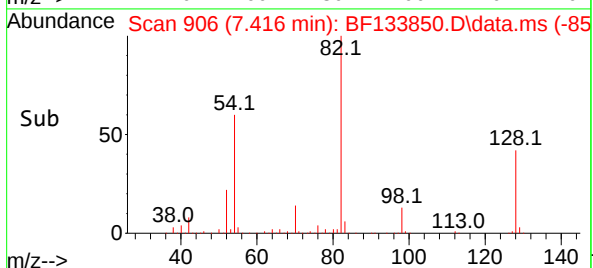
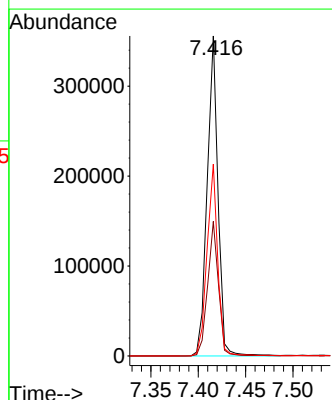
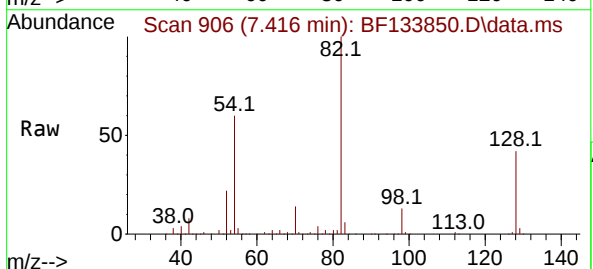
Tgt Ion: 82 Resp: 281050

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.2

54 60.0 46.5 69.7

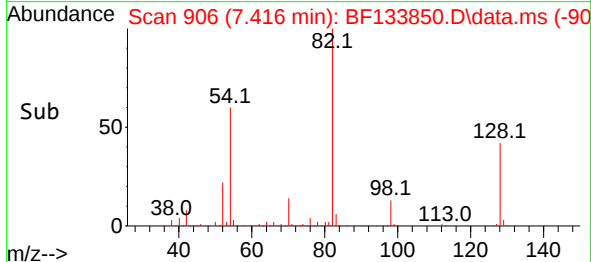
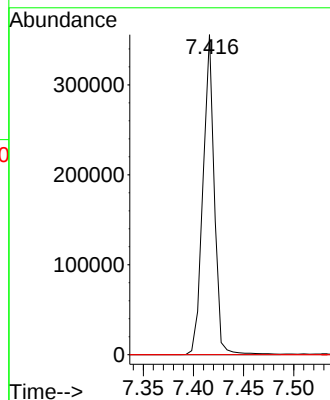
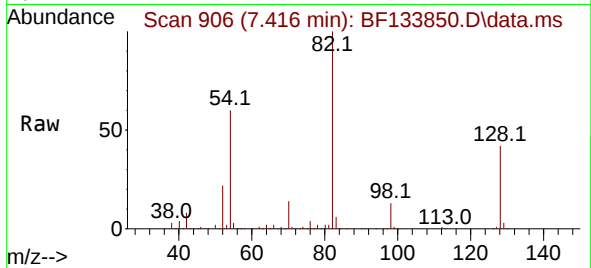




#25
Isophorone
Concen: 23.806 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

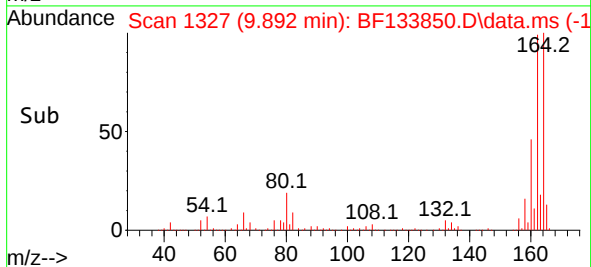
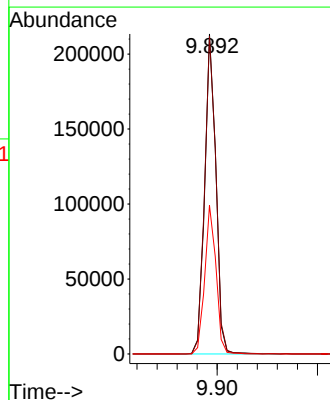
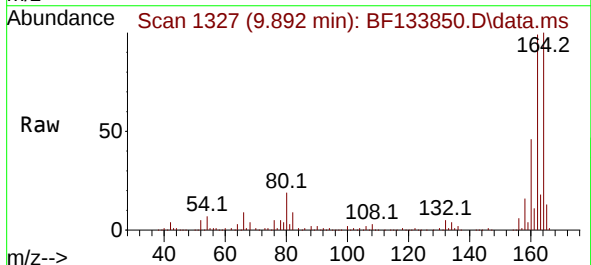
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion: 82 Resp: 281047
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: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion:164 Resp: 166237
Ion Ratio Lower Upper
164 100
162 99.3 80.8 121.2
160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 40.739 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133850.D

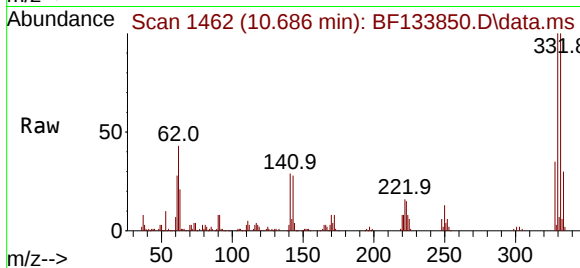
Acq: 20 Jun 2023 11:48

Instrument :

BNA_F

ClientSampleId :

WC-NEX-002



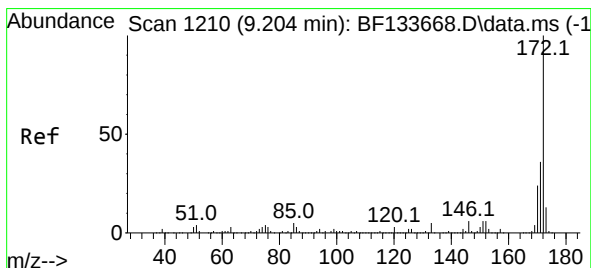
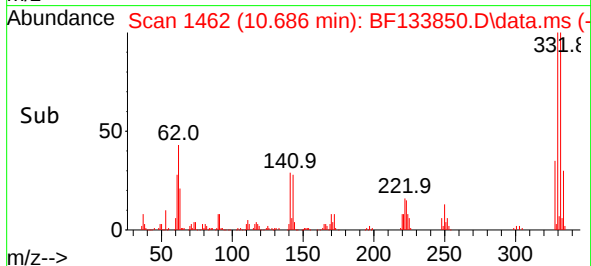
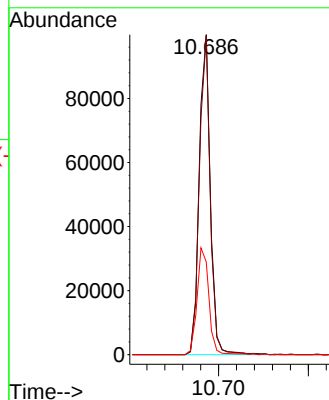
Tgt Ion:330 Resp: 85725

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 35.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 30.129 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

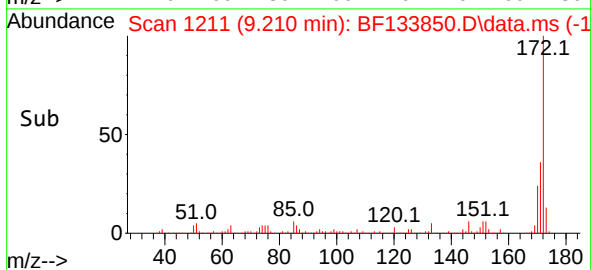
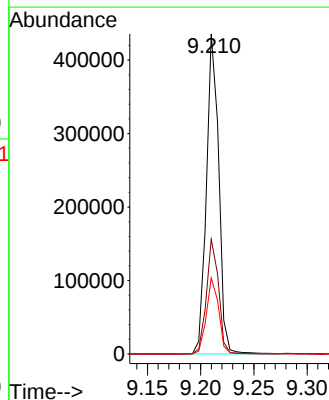
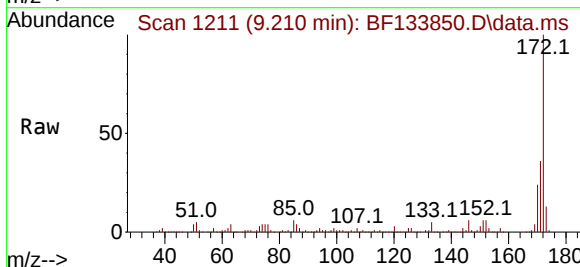
Tgt Ion:172 Resp: 352340

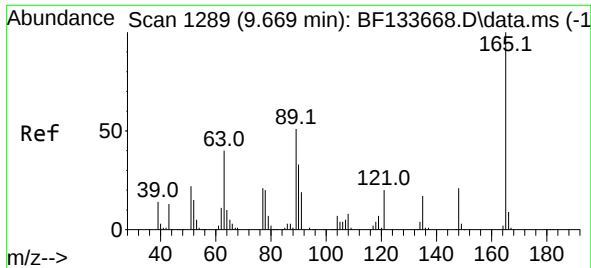
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.8 19.1 28.7

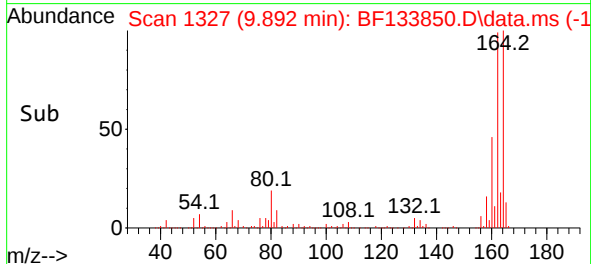
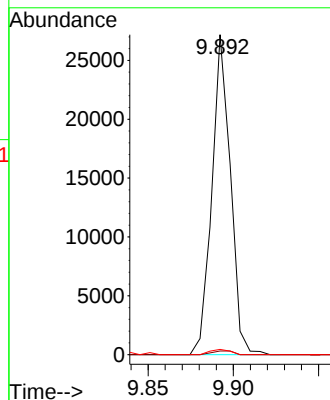
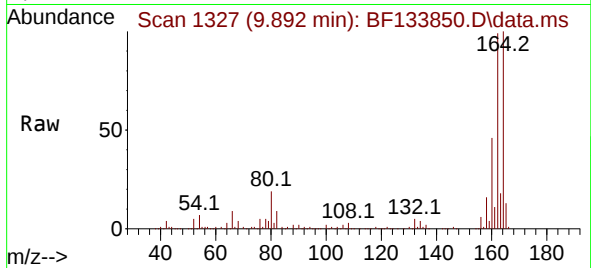




#51
2,6-Dinitrotoluene
Concen: 8.010 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

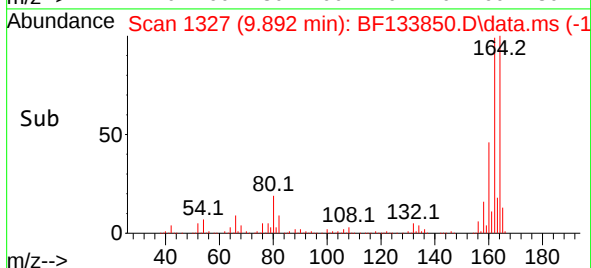
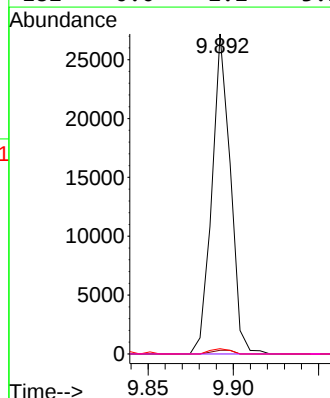
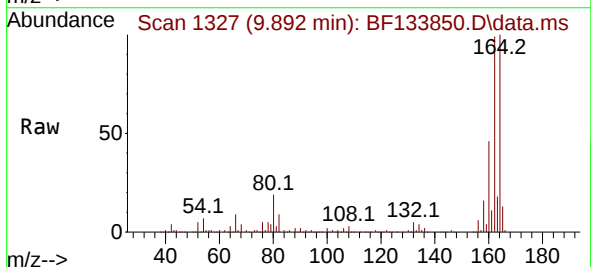
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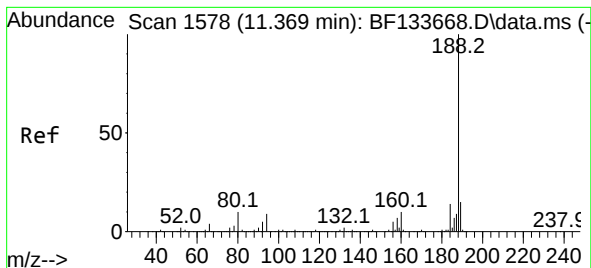
Tgt Ion:165 Resp: 20516
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion:165 Resp: 20516
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.6 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: BF133850.D

Acq: 20 Jun 2023 11:48

Instrument :

BNA_F

ClientSampleId :

WC-NEX-002

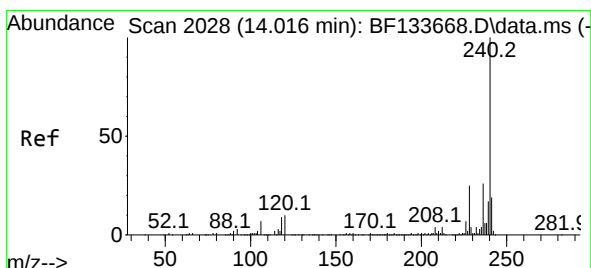
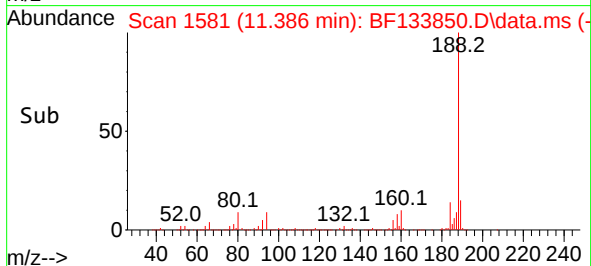
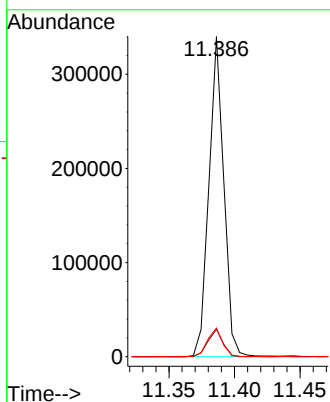
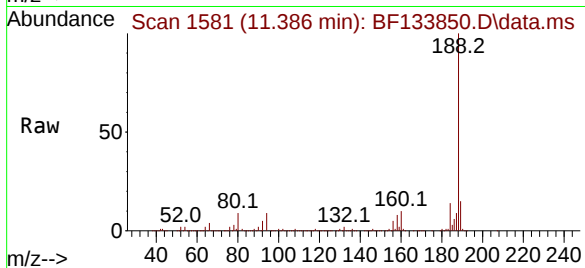
Tgt Ion:188 Resp: 269426

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.0 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

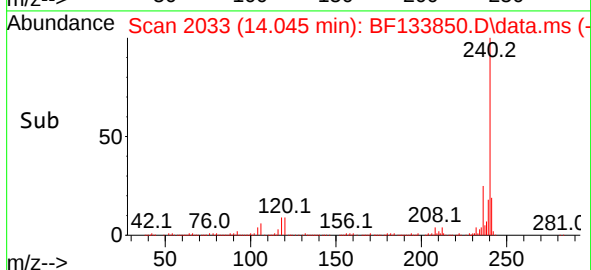
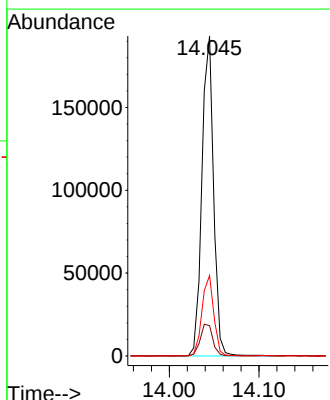
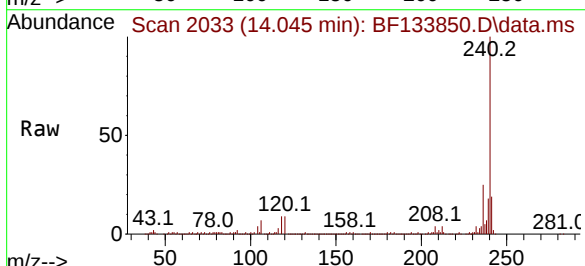
Tgt Ion:240 Resp: 174111

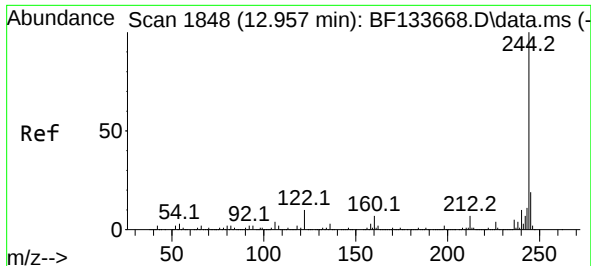
Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

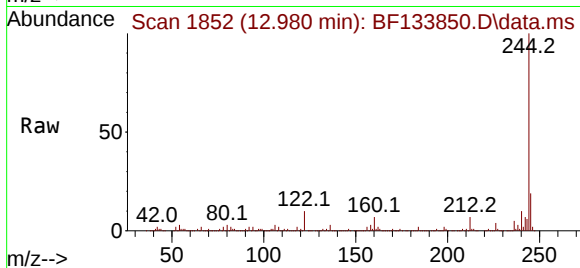
236 25.2 20.5 30.7





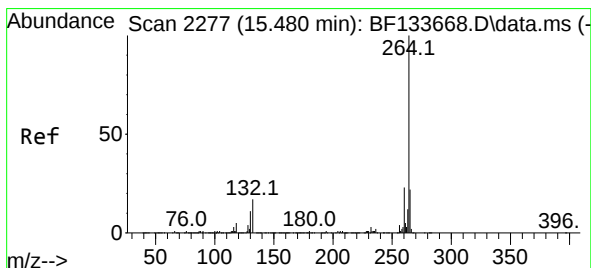
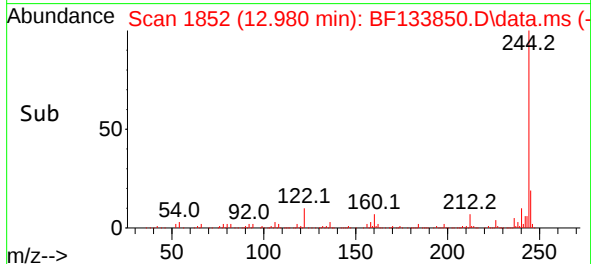
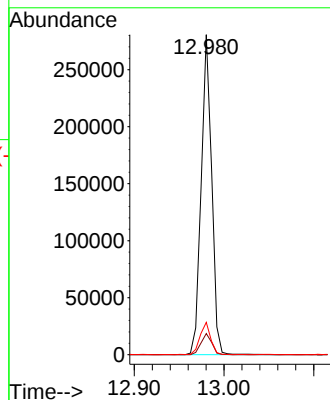
#79
 Terphenyl-d14
 Concen: 20.204 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133850.D
 Acq: 20 Jun 2023 11:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002



Tgt Ion:244 Resp: 227337

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.1	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF133850.D
 Acq: 20 Jun 2023 11:48

Tgt Ion:264 Resp: 212427

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.0	17.8	26.6

