

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133899.D
 Acq On : 22 Jun 2023 13:55
 Operator : CG\JU
 Sample : 03321-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Quant Time: Jun 23 02:28:45 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)

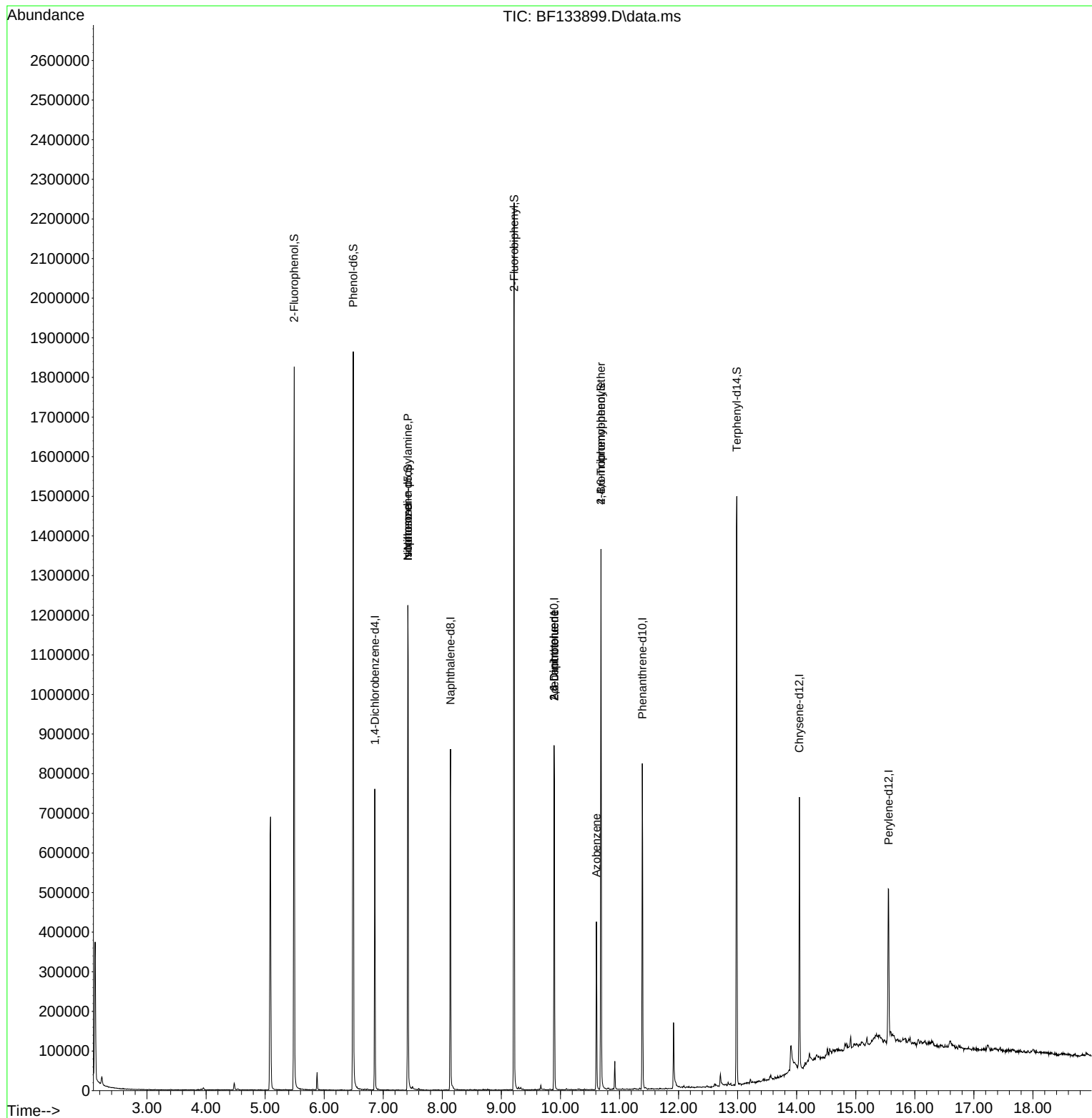
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	97514	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	367878	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	174532	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	296350	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213598	20.000	ng	-0.01
86) Perylene-d12	15.557	264	186264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	446168	79.654	ng	0.00
7) Phenol-d6	6.492	99	539544	74.001	ng	0.00
23) Nitrobenzene-d5	7.416	82	365169	54.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	145548	65.881	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	646507	52.656	ng	0.00
79) Terphenyl-d14	12.986	244	531034	38.469	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.416	70	50376	10.859	ng	# 81
25) Isophorone	7.416	82	365165	29.449	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	22462	8.353	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	22462	6.568	ng	# 19
63) Azobenzene	10.610	77	68307	5.442	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	8888	2.687	ng	# 1

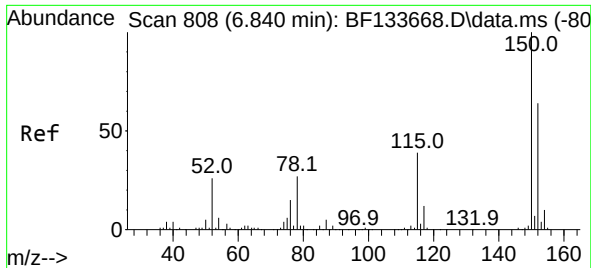
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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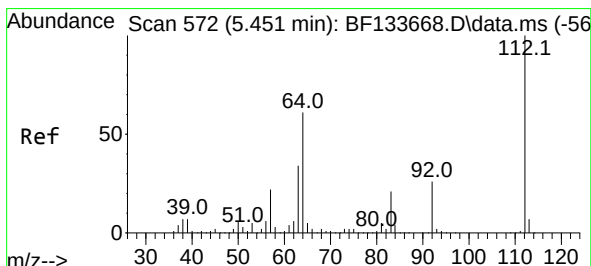
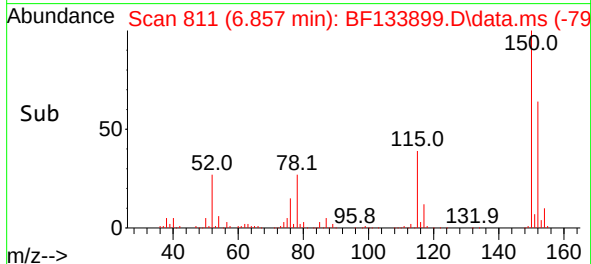
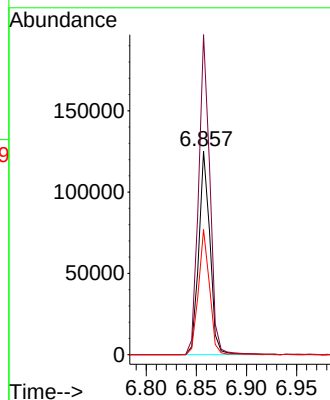
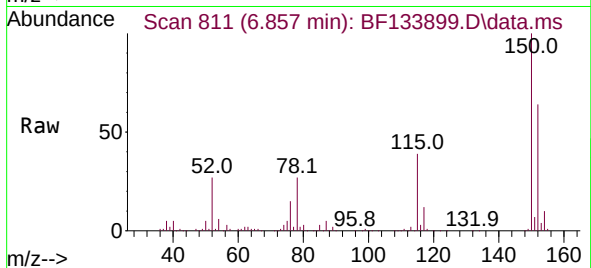




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

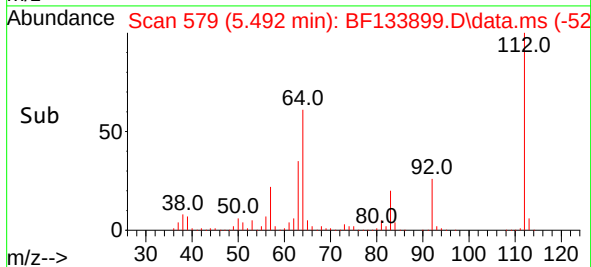
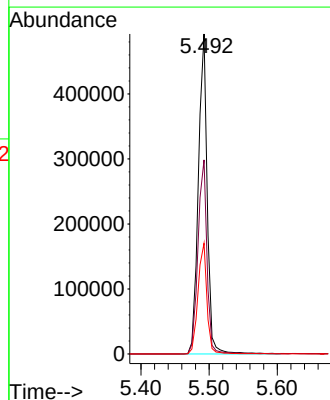
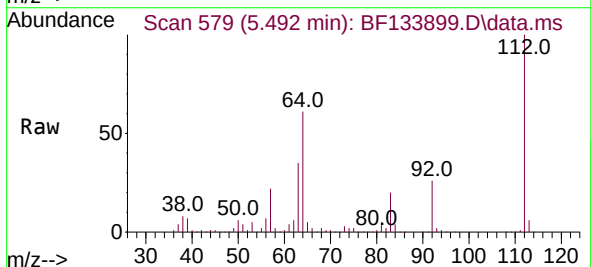
Instrument :
BNA_F
ClientSampleId :
WC-25

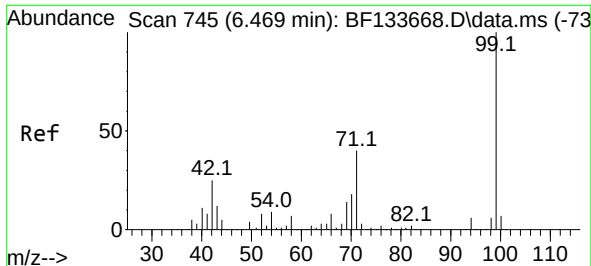
Tgt Ion:152 Resp: 97514
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 79.654 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:112 Resp: 446168
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.6 26.8 40.2

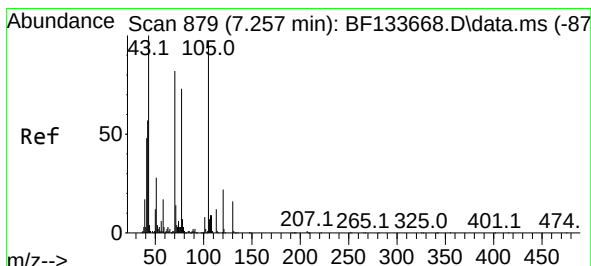
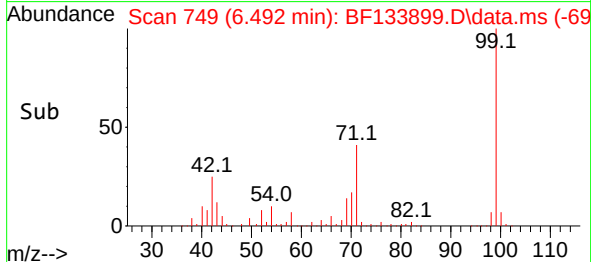
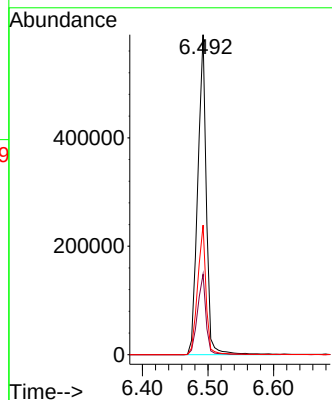
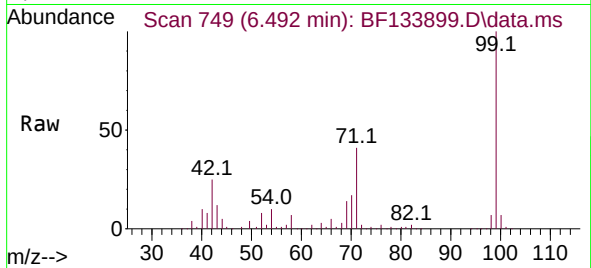




#7
Phenol-d6
Concen: 74.001 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

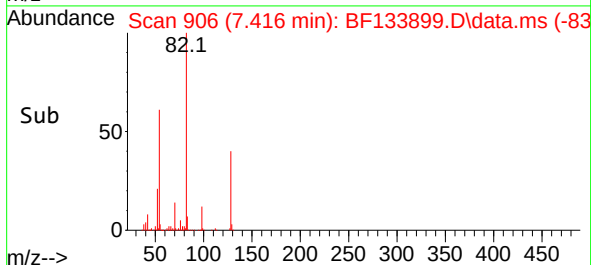
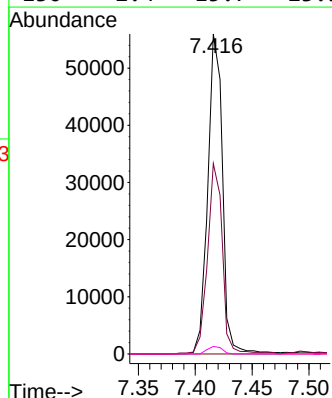
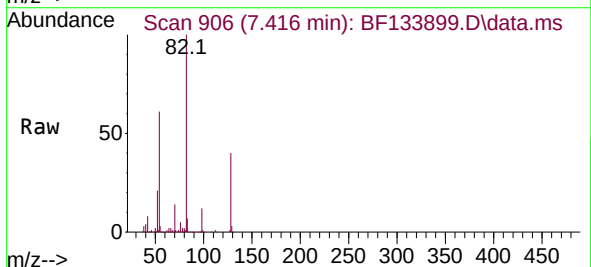
Instrument :
BNA_F
ClientSampleId :
WC-25

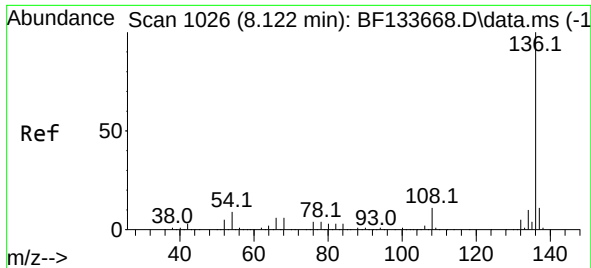
Tgt Ion: 99 Resp: 539544
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 40.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.859 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion: 70 Resp: 50376
Ion Ratio Lower Upper
70 100
42 59.5 55.8 83.8
101 0.0 8.1 12.1#
130 2.4 15.7 23.5#

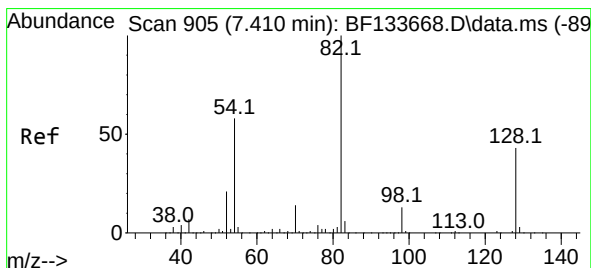
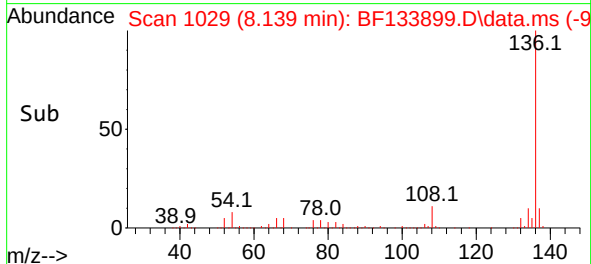
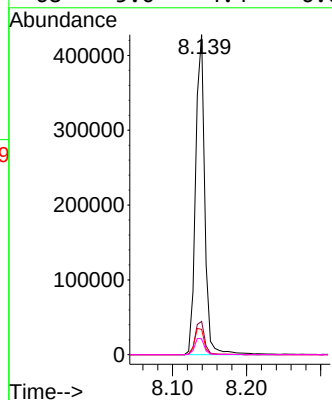
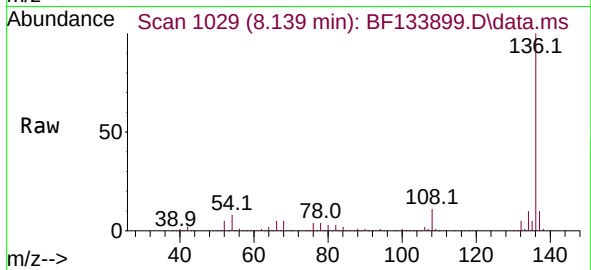




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

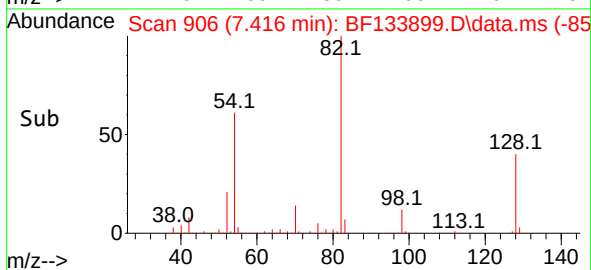
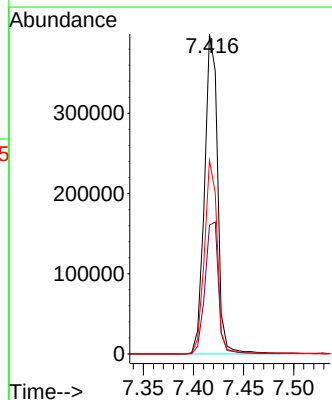
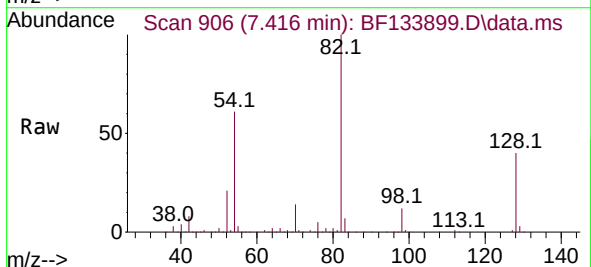
Instrument :
BNA_F
ClientSampleId :
WC-25

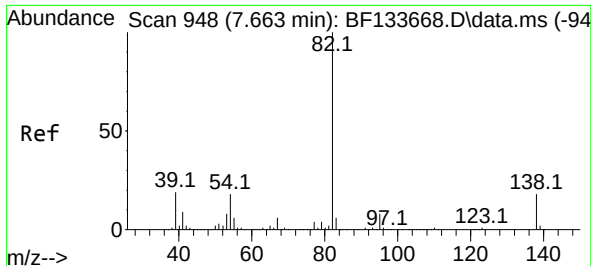
Tgt Ion:136 Resp: 367878
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.9 7.4 11.0
68 5.0 4.4 6.6



#23
Nitrobenzene-d5
Concen: 54.066 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion: 82 Resp: 365169
Ion Ratio Lower Upper
82 100
128 40.3 34.2 51.2
54 60.5 46.5 69.7

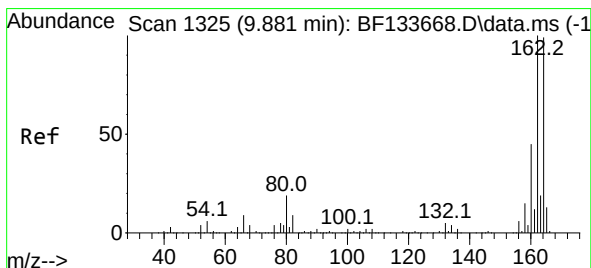
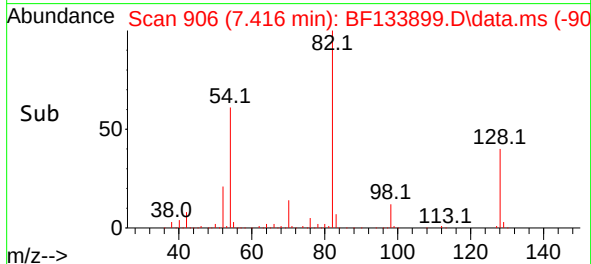
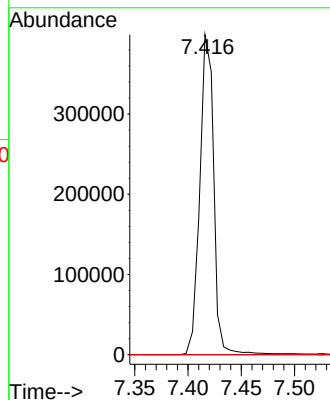
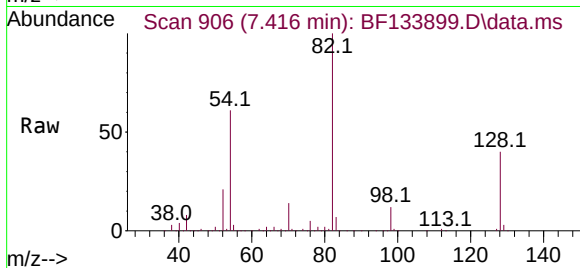




#25
Isophorone
Concen: 29.449 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

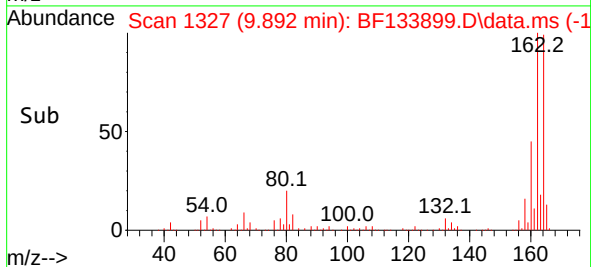
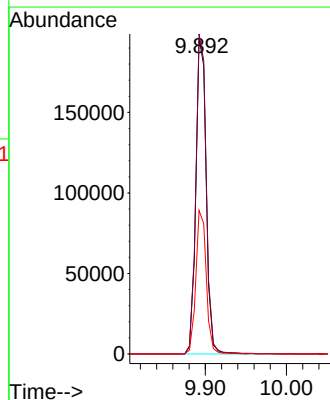
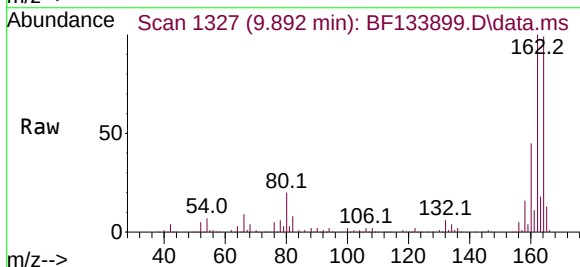
Instrument :
BNA_F
ClientSampleId :
WC-25

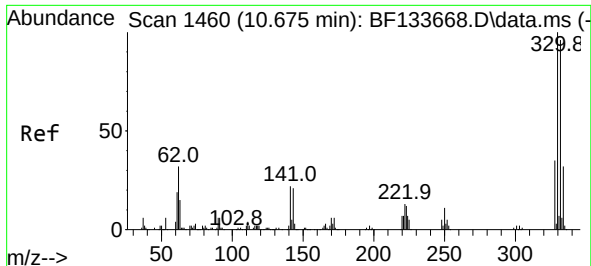
Tgt Ion: 82 Resp: 365165
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion: 164 Resp: 174532
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 65.881 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

Instrument :

BNA_F

ClientSampleId :

WC-25

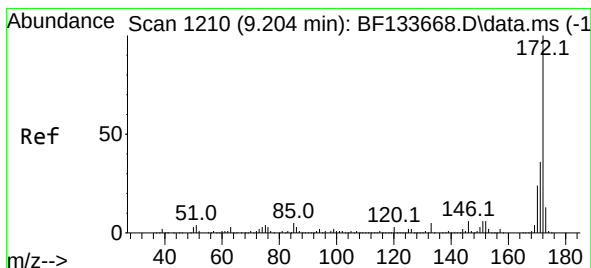
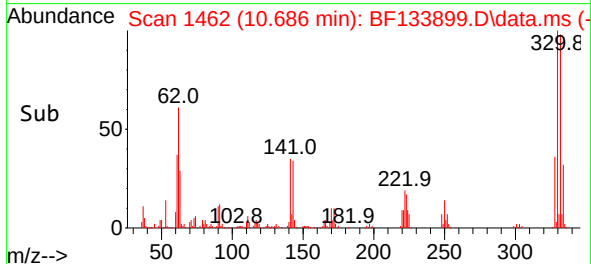
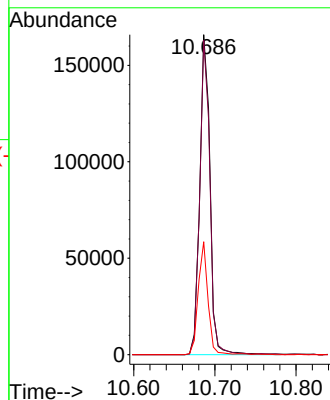
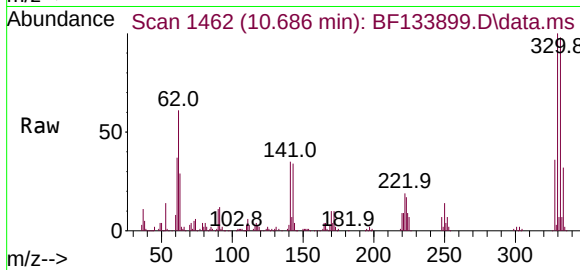
Tgt Ion:330 Resp: 145548

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 33.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 52.656 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

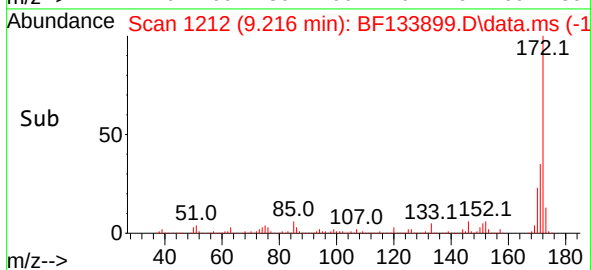
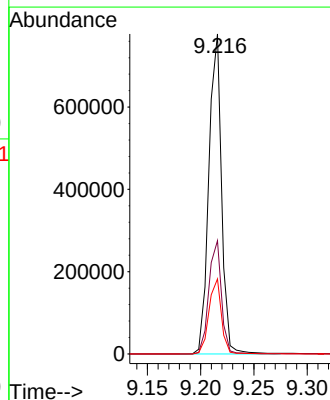
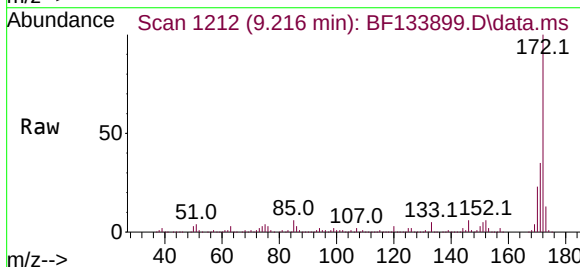
Tgt Ion:172 Resp: 646507

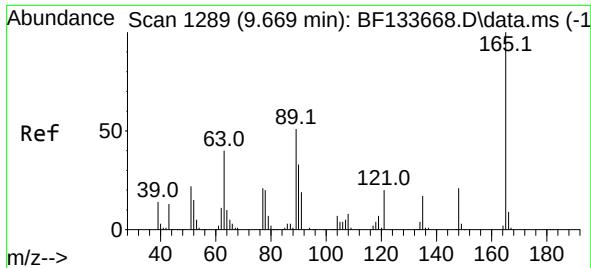
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7

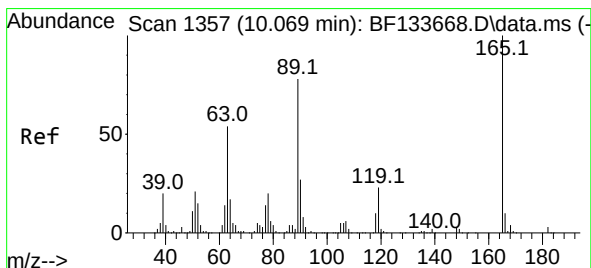
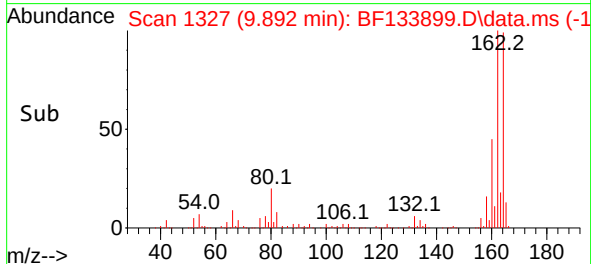
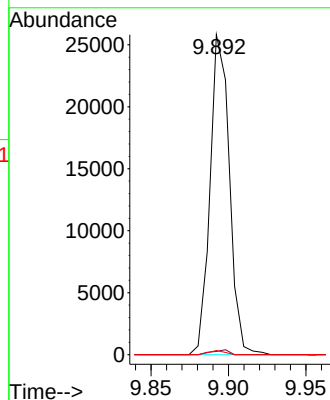
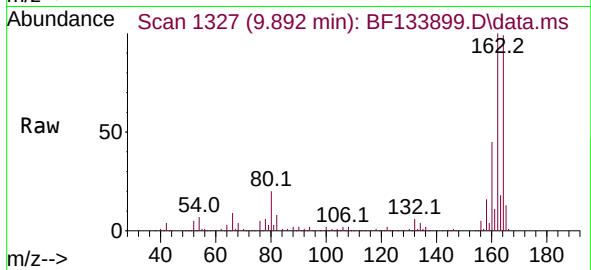




#51
2,6-Dinitrotoluene
Concen: 8.353 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

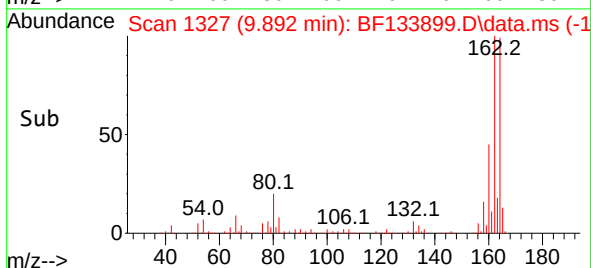
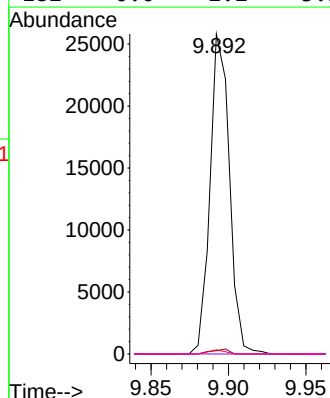
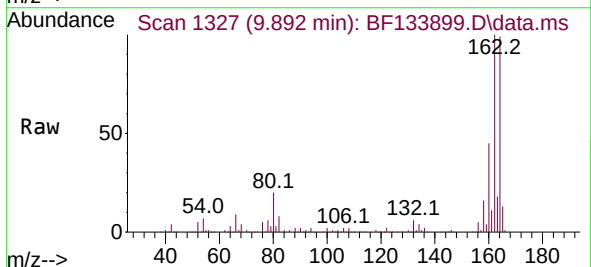
Instrument :
BNA_F
ClientSampleId :
WC-25

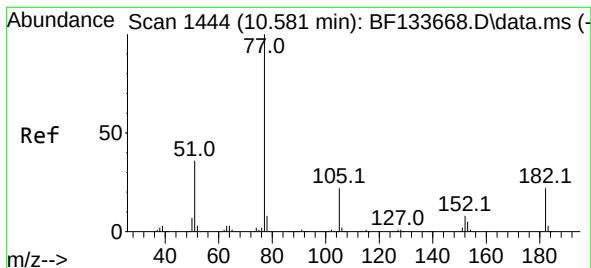
Tgt Ion:165 Resp: 22462
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.3 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.568 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:165 Resp: 22462
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 5.442 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

Instrument :

BNA_F

ClientSampleId :

WC-25

Tgt Ion: 77 Resp: 68307

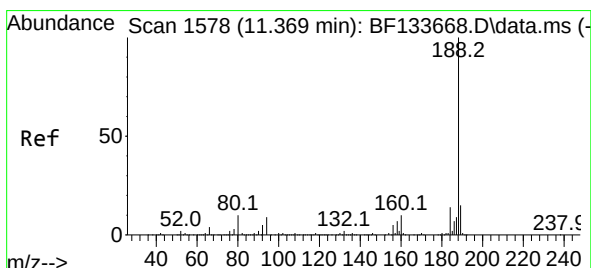
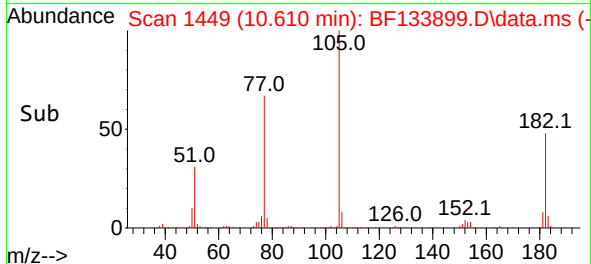
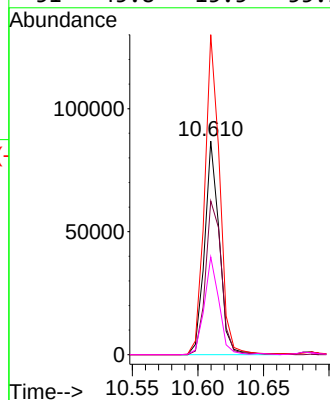
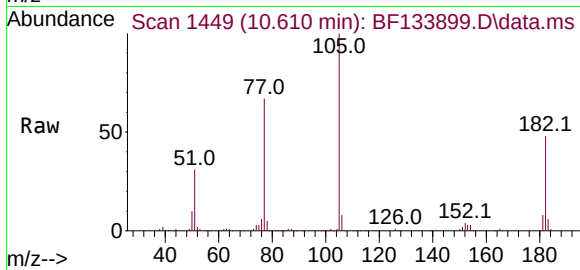
Ion Ratio Lower Upper

77 100

182 72.0 1.6 41.6#

105 149.8 1.6 41.6#

51 45.8 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

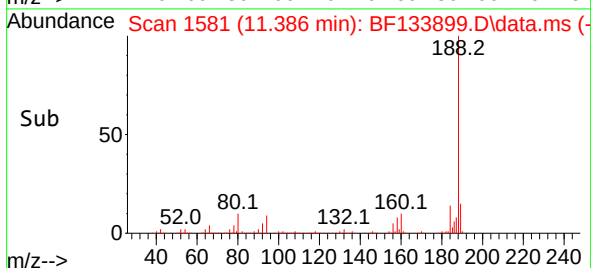
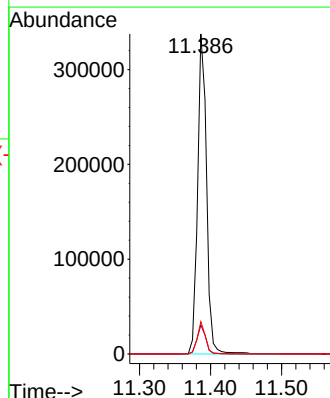
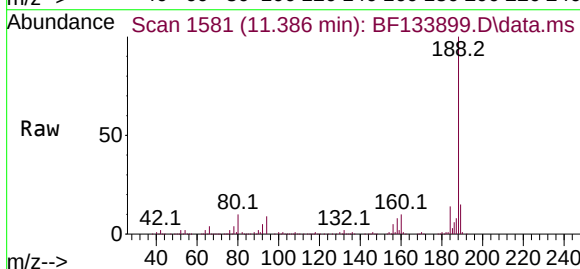
Tgt Ion:188 Resp: 296350

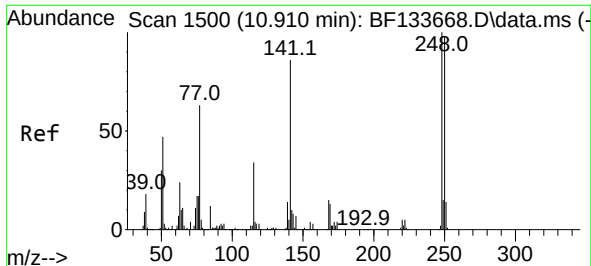
Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 10.1 7.8 11.6

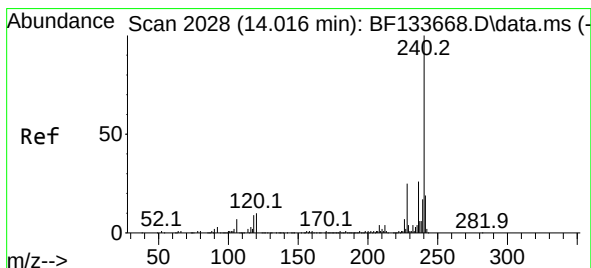
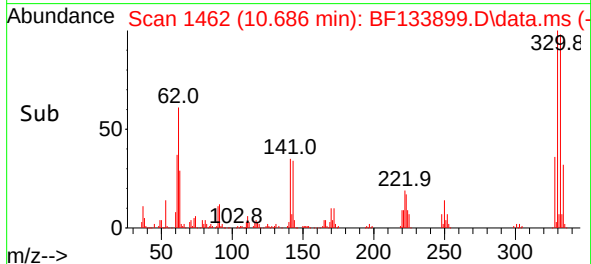
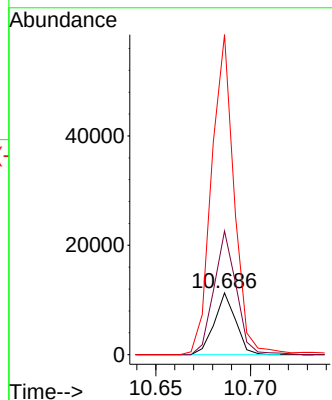
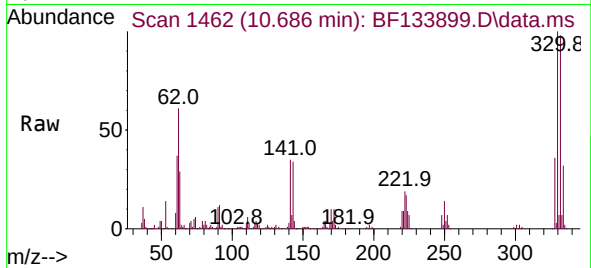




#67
4-Bromophenyl-phenylether
Concen: 2.687 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

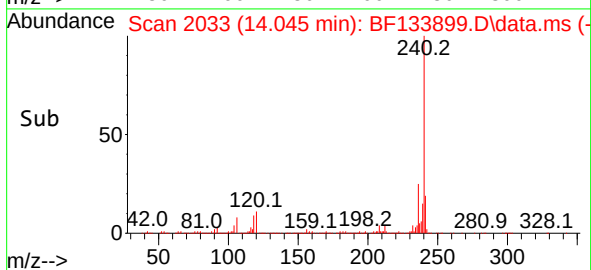
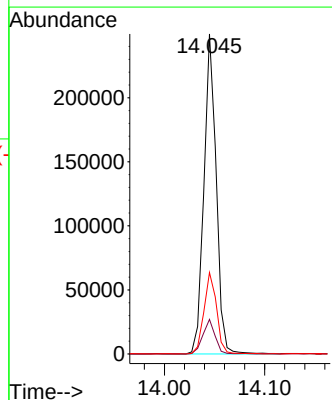
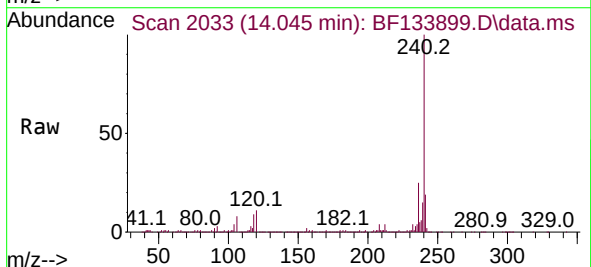
Instrument :
BNA_F
ClientSampleId :
WC-25

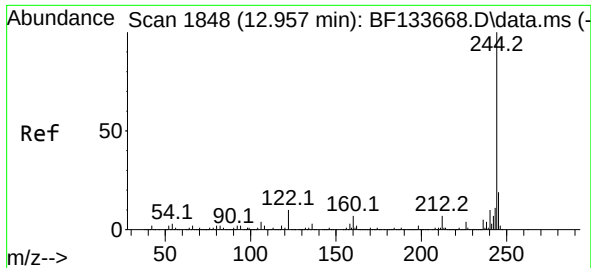
Tgt Ion:248 Resp: 8888
Ion Ratio Lower Upper
248 100
250 200.0 78.3 117.5#
141 517.6 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:240 Resp: 213598
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.4 20.5 30.7

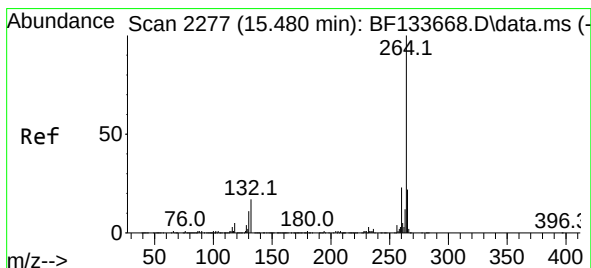
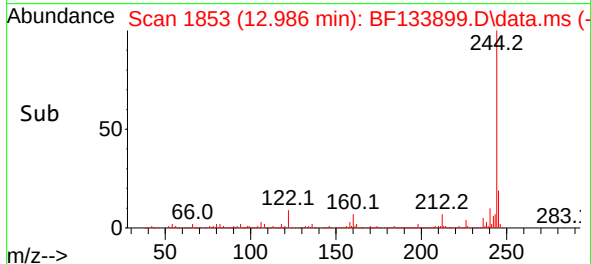
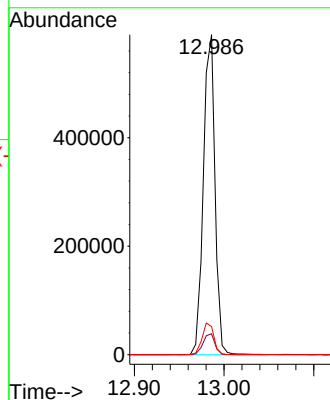
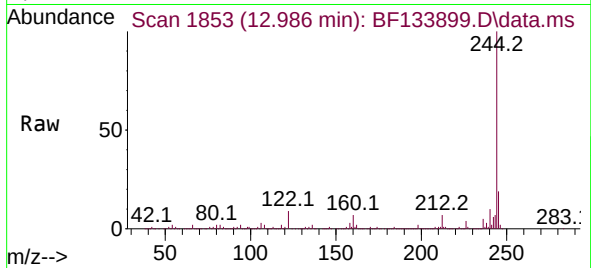




#79
 Terphenyl-d14
 Concen: 38.469 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133899.D
 Acq: 22 Jun 2023 13:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Tgt Ion:244 Resp: 531034
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 8.8 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: BF133899.D
 Acq: 22 Jun 2023 13:55

Tgt Ion:264 Resp: 186264
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.5 17.8 26.6

