

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133904.D
 Acq On : 22 Jun 2023 16:37
 Operator : CG\JU
 Sample : 03320-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19

Quant Time: Jun 23 02:30:20 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)

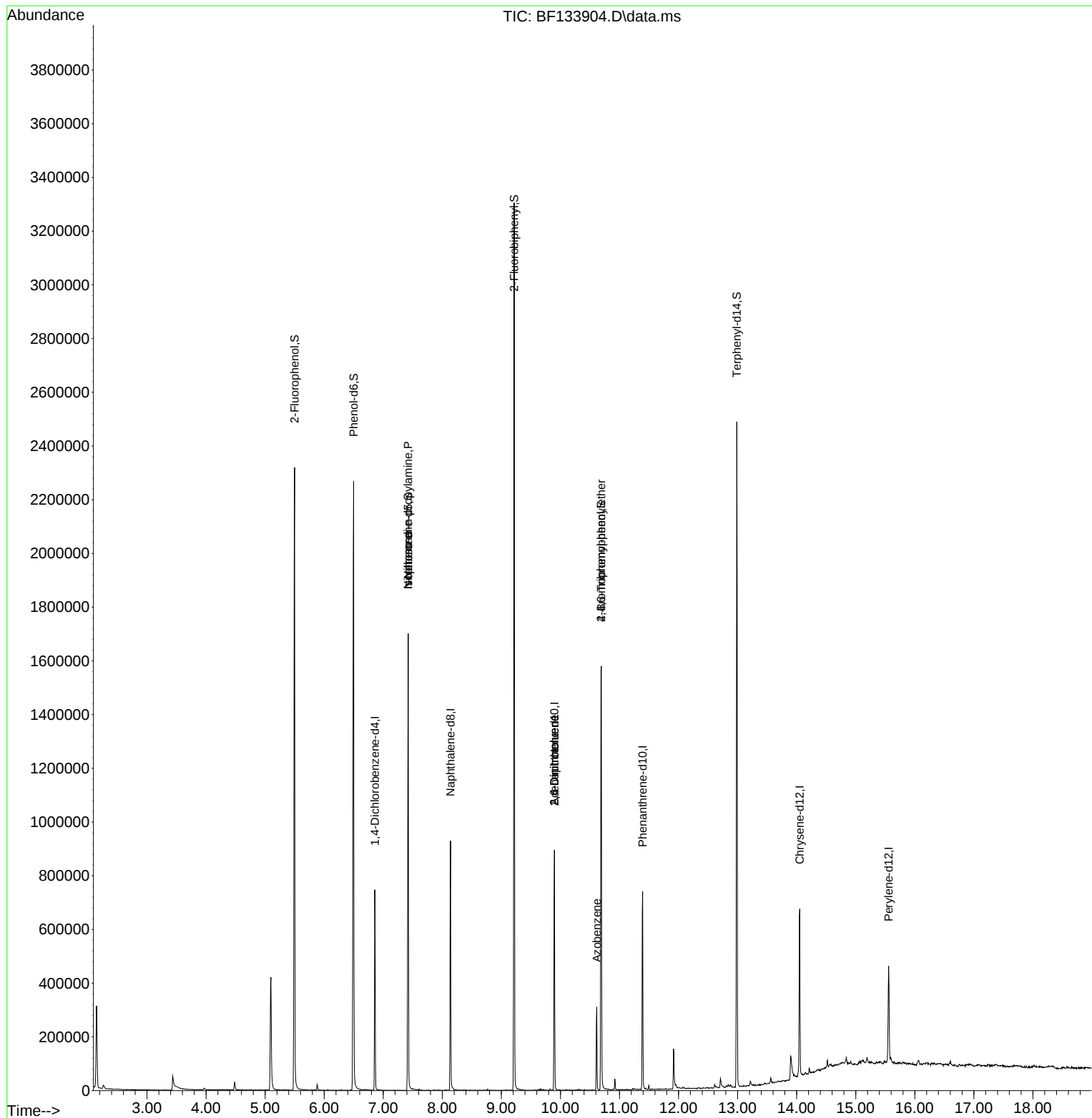
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102538	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	381368	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	173980	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	283779	20.000	ng	0.00
76) Chrysene-d12	14.051	240	220320	20.000	ng	0.00
86) Perylene-d12	15.557	264	175093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	600496	101.953	ng	0.00
7) Phenol-d6	6.498	99	724775	94.535	ng	0.00
23) Nitrobenzene-d5	7.422	82	469840	67.102	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	202695	92.039	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	890139	72.729	ng	0.00
79) Terphenyl-d14	12.986	244	849854	59.687	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	66411	13.615	ng	# 76
25) Isophorone	7.422	82	469836	36.550	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	21692	8.093	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	21692	6.363	ng	# 20
63) Azobenzene	10.616	77	52667	4.209	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	12519	3.953	ng	# 1

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

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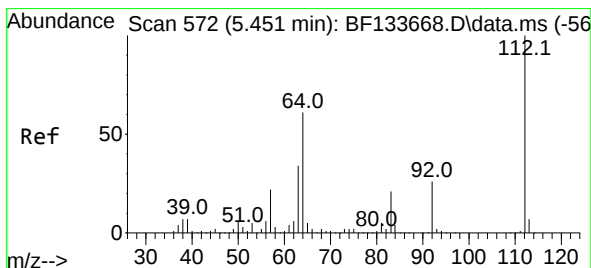
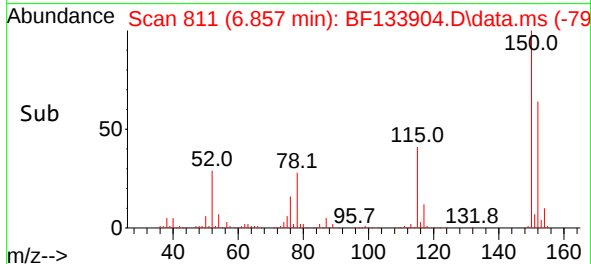
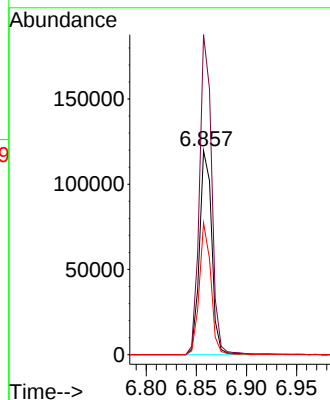
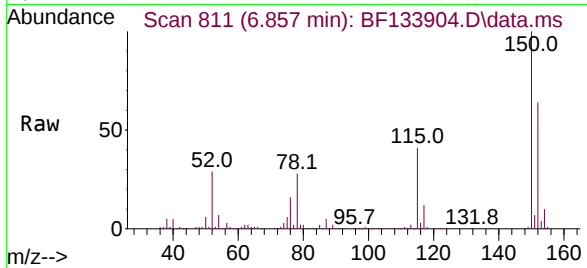




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

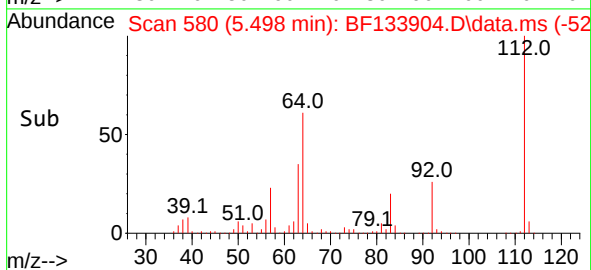
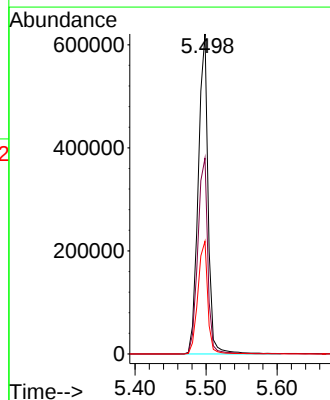
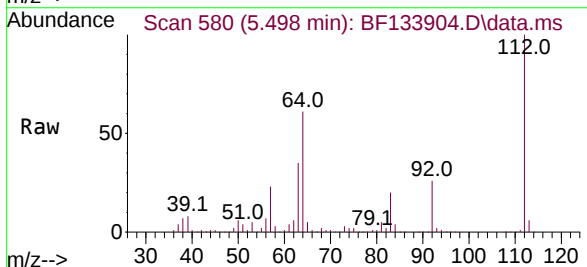
Instrument :
BNA_F
ClientSampleId :
WC-19

Tgt Ion:152 Resp: 102538
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 64.6 48.5 72.7



#5
2-Fluorophenol
Concen: 101.953 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion:112 Resp: 600496
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 35.2 26.8 40.2

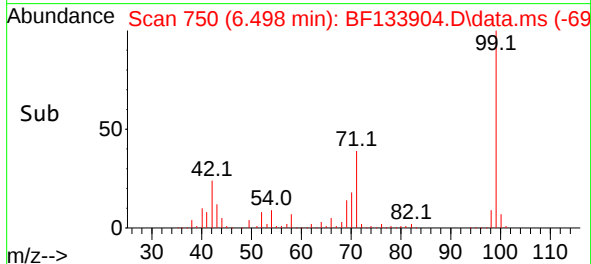
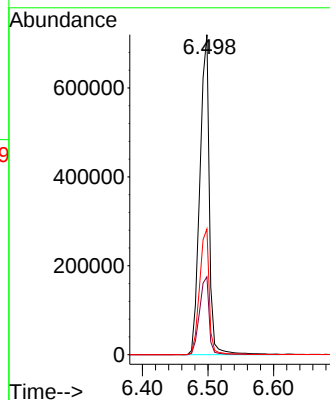
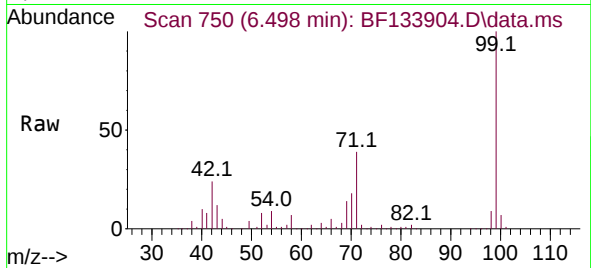




#7
Phenol-d6
Concen: 94.535 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

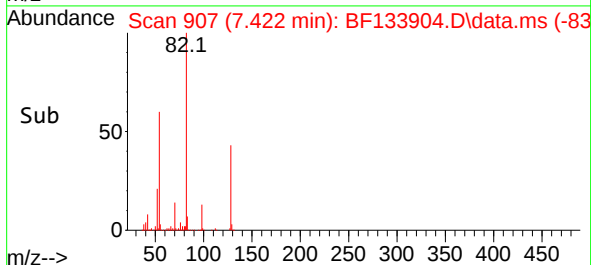
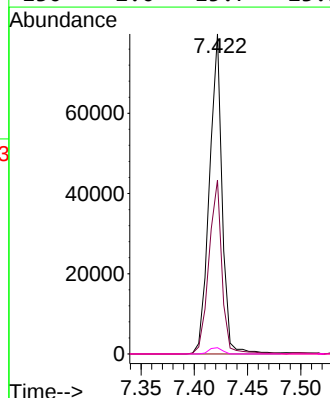
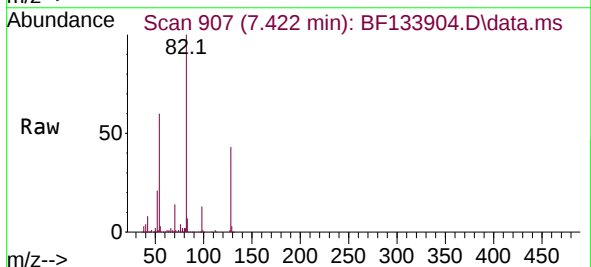
Instrument :
BNA_F
ClientSampleId :
WC-19

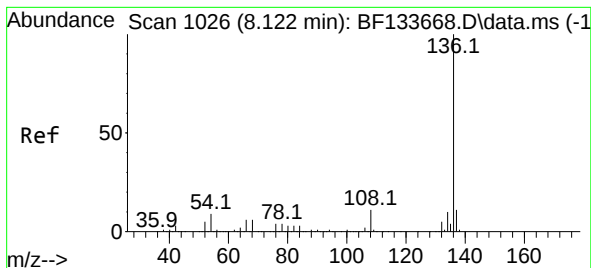
Tgt Ion: 99 Resp: 724775
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 39.3 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.615 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion: 70 Resp: 66411
Ion Ratio Lower Upper
70 100
42 54.4 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# 1

Delta R.T. 0.000 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

Instrument :

BNA_F

ClientSampleId :

WC-19

Tgt Ion:136 Resp: 381368

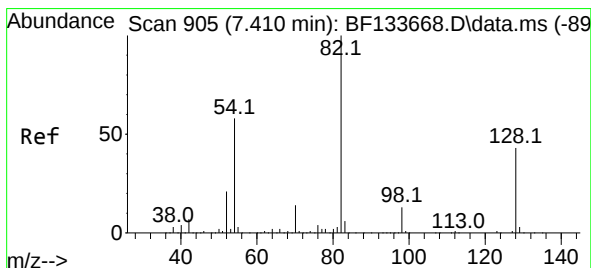
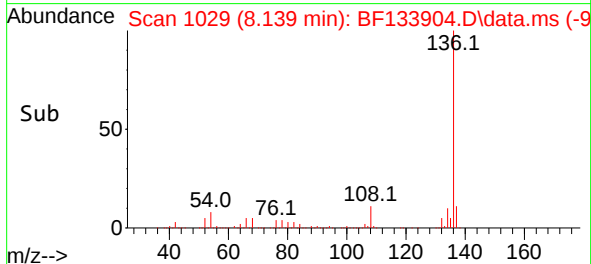
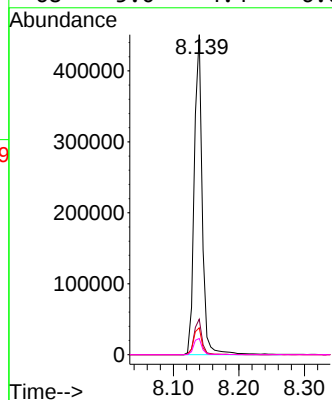
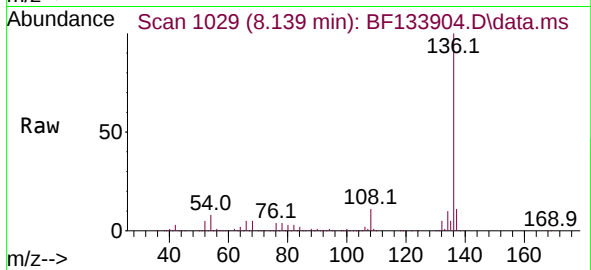
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 7.4 11.0

68 5.0 4.4 6.6



#23

Nitrobenzene-d5

Concen: 67.102 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

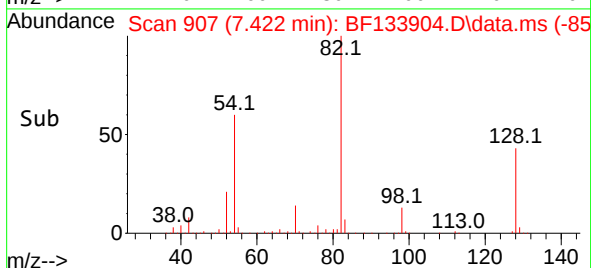
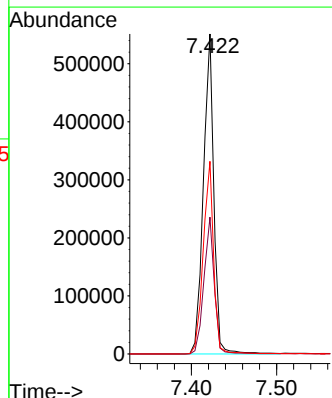
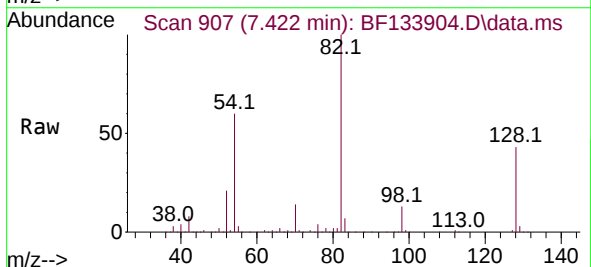
Tgt Ion: 82 Resp: 469840

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.2

54 60.2 46.5 69.7

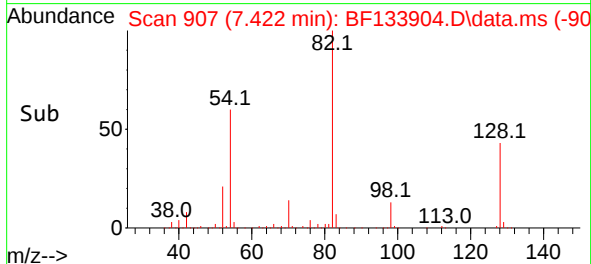
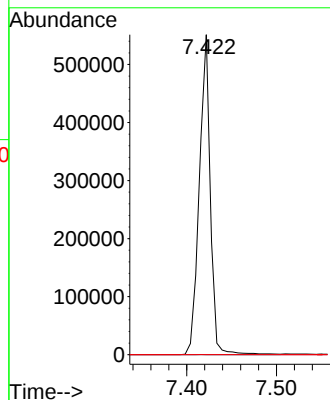
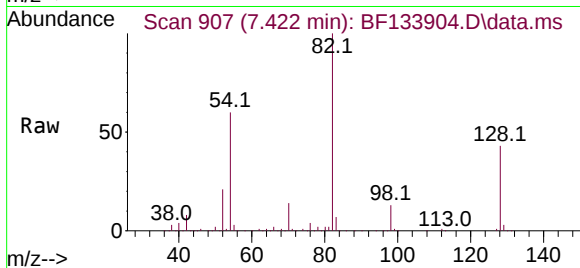




#25
Isophorone
Concen: 36.550 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

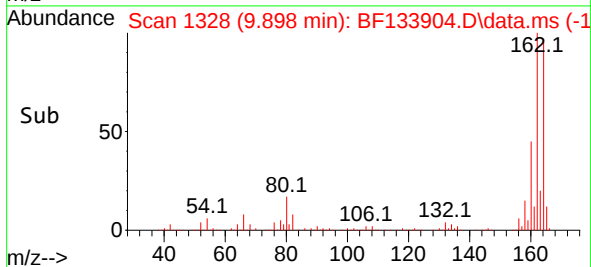
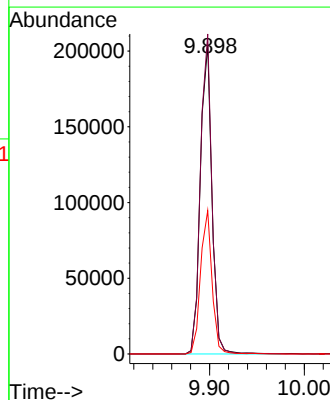
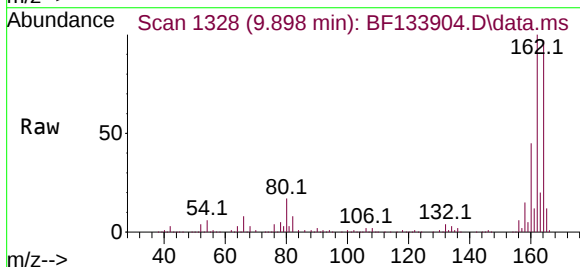
Instrument :
BNA_F
ClientSampleId :
WC-19

Tgt Ion: 82 Resp: 469836
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: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion: 164 Resp: 173980
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 46.4 36.7 55.1

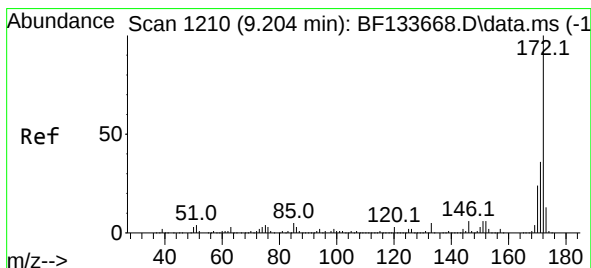
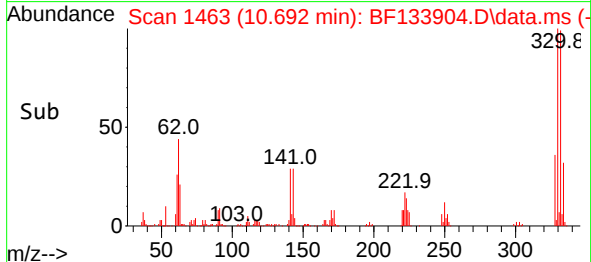
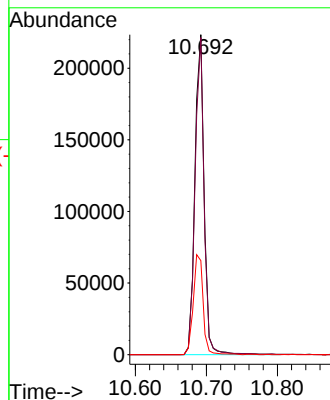
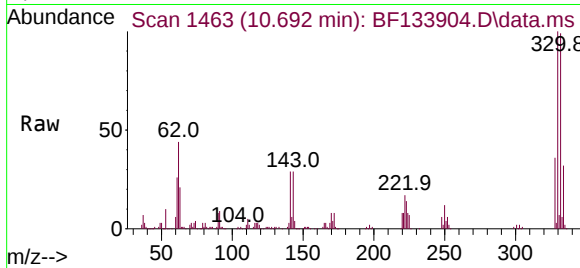




#42
2,4,6-Tribromophenol
Concen: 92.039 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

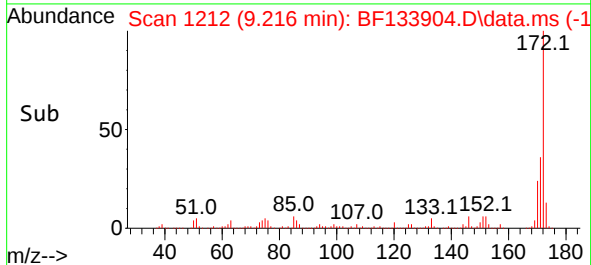
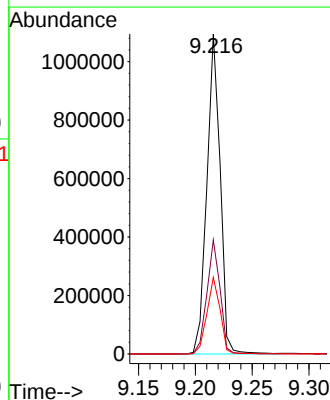
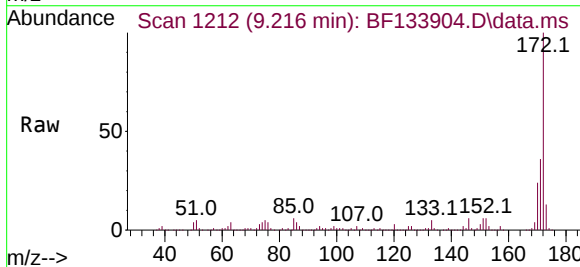
Instrument :
BNA_F
ClientSampleId :
WC-19

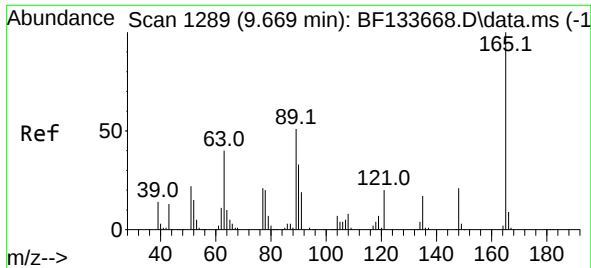
Tgt Ion:330 Resp: 202695
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 33.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.729 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion:172 Resp: 890139
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.1 28.7

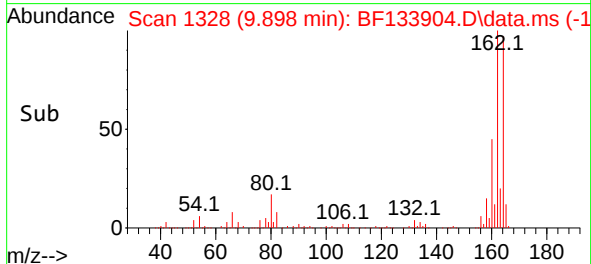
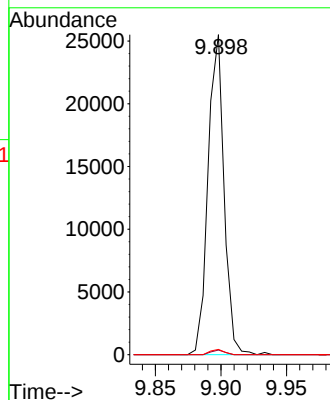
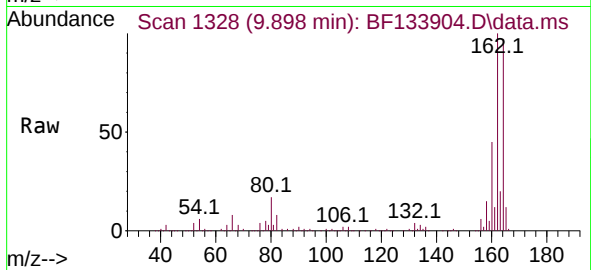




#51
2,6-Dinitrotoluene
Concen: 8.093 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

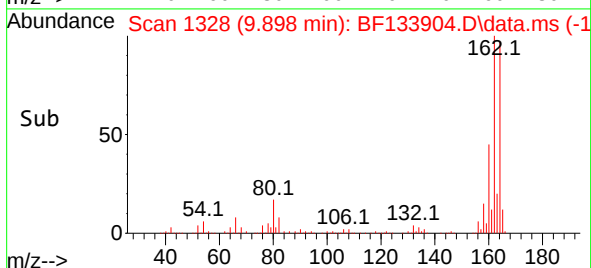
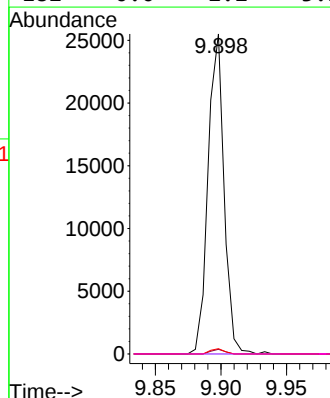
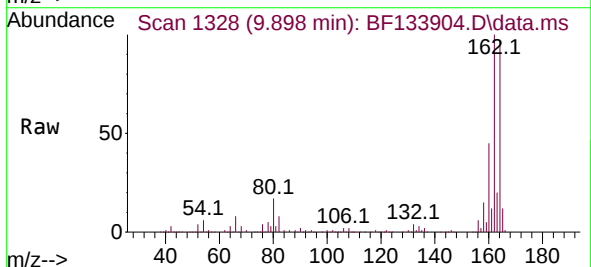
Instrument :
BNA_F
ClientSampleId :
WC-19

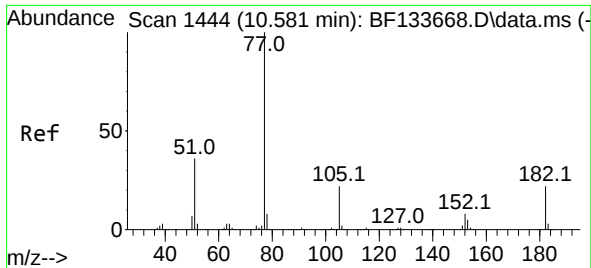
Tgt Ion:165 Resp: 21692
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.7 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.363 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion:165 Resp: 21692
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.7 62.6 93.8#
182 0.0 2.2 3.2#

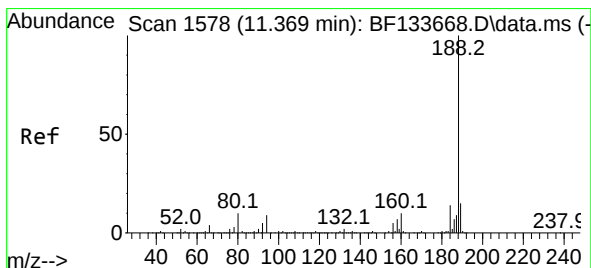
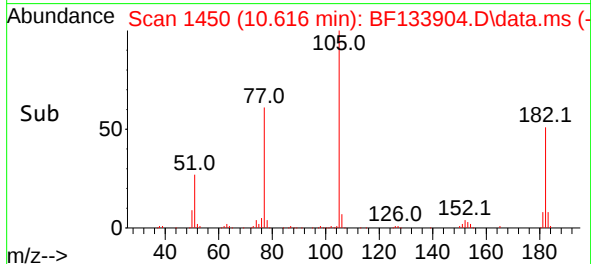
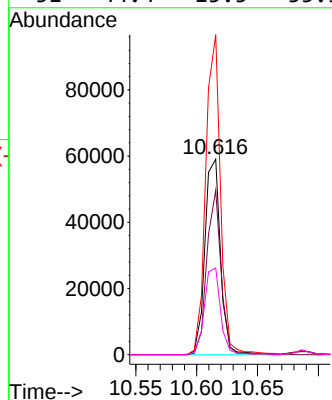
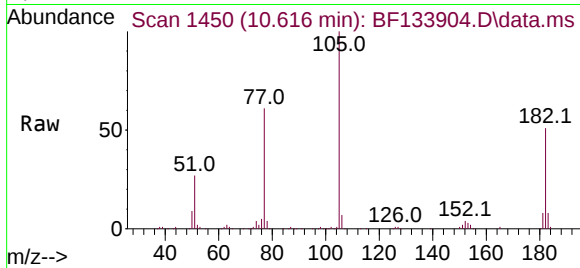




#63
 Azobenzene
 Concen: 4.209 ng
 RT: 10.616 min Scan# 1444
 Delta R.T. 0.012 min
 Lab File: BF133904.D
 Acq: 22 Jun 2023 16:37

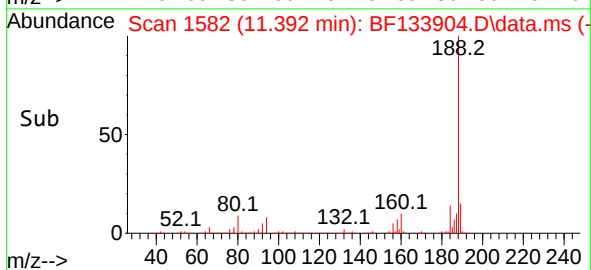
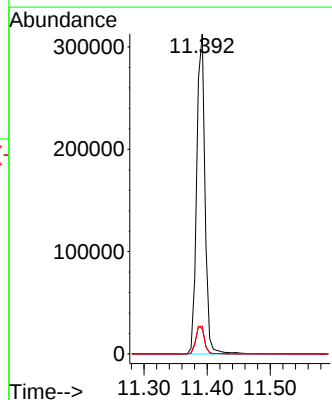
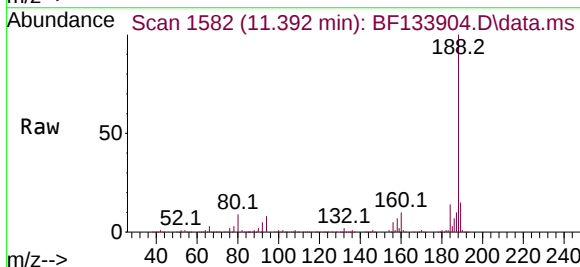
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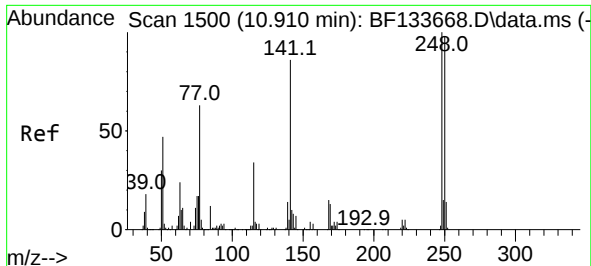
Tgt Ion: 77 Resp: 52667
 Ion Ratio Lower Upper
 77 100
 182 84.0 1.6 41.6#
 105 163.7 1.6 41.6#
 51 44.4 15.5 55.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1582
 Delta R.T. 0.000 min
 Lab File: BF133904.D
 Acq: 22 Jun 2023 16:37

Tgt Ion: 188 Resp: 283779
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.8 10.2
 80 8.7 7.8 11.6

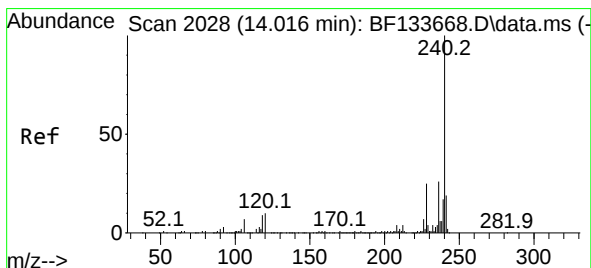
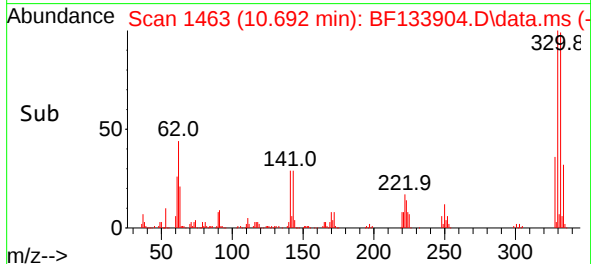
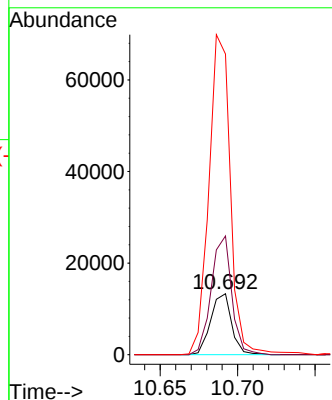
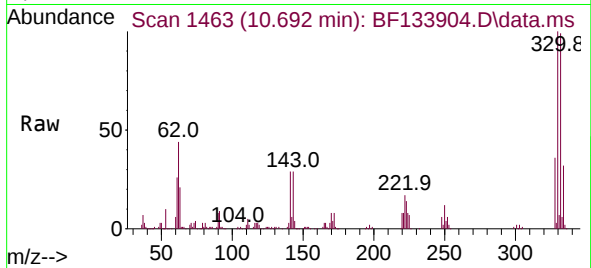




#67
4-Bromophenyl-phenylether
Concen: 3.953 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

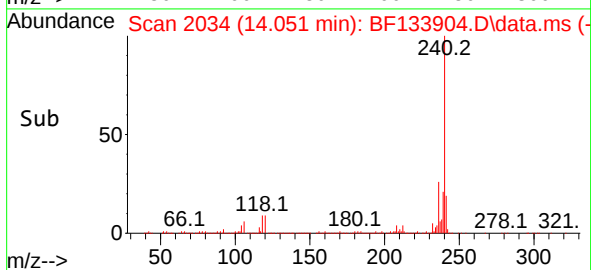
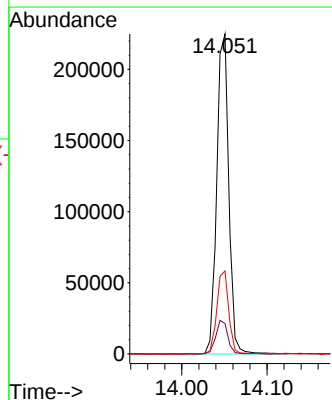
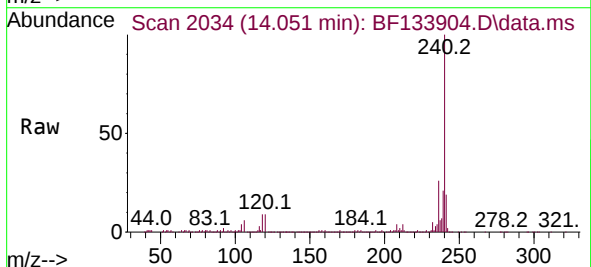
Instrument :
BNA_F
ClientSampleId :
WC-19

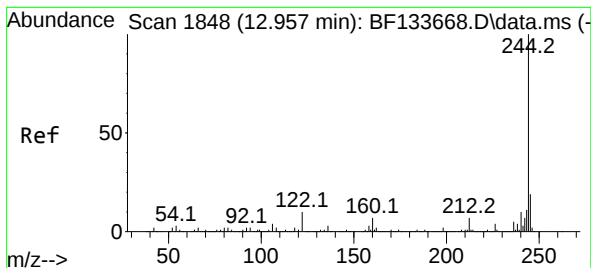
Tgt Ion:248 Resp: 12519
Ion Ratio Lower Upper
248 100
250 194.5 78.3 117.5#
141 492.5 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion:240 Resp: 220320
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 59.687 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

Instrument :

BNA_F

ClientSampleId :

WC-19

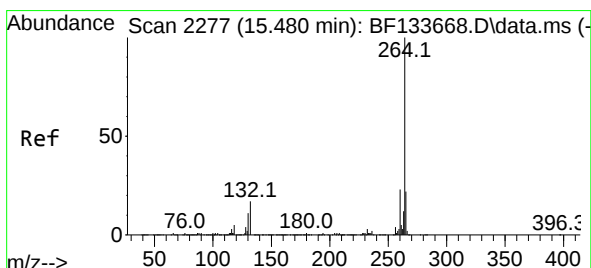
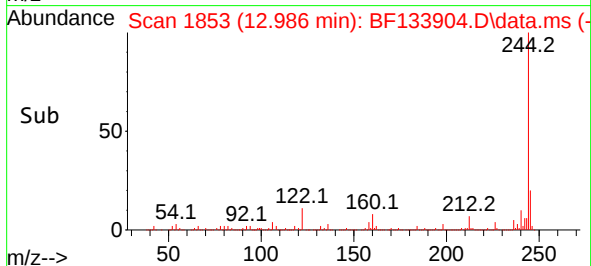
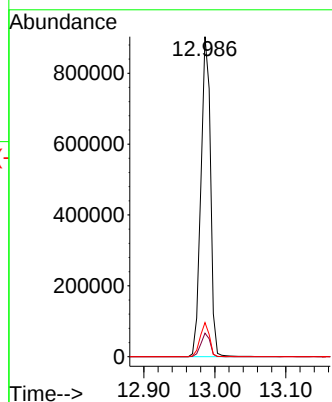
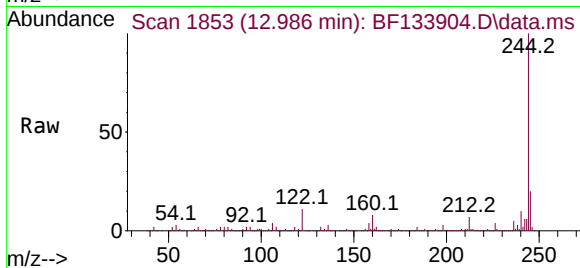
Tgt Ion:244 Resp: 849854

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.7 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: BF133904.D

Acq: 22 Jun 2023 16:37

Tgt Ion:264 Resp: 175093

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 21.0 17.8 26.6

