

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133909.D
 Acq On : 22 Jun 2023 19:27
 Operator : CG\JU
 Sample : PB153649BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153649BL

Quant Time: Jun 23 05:04:09 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)

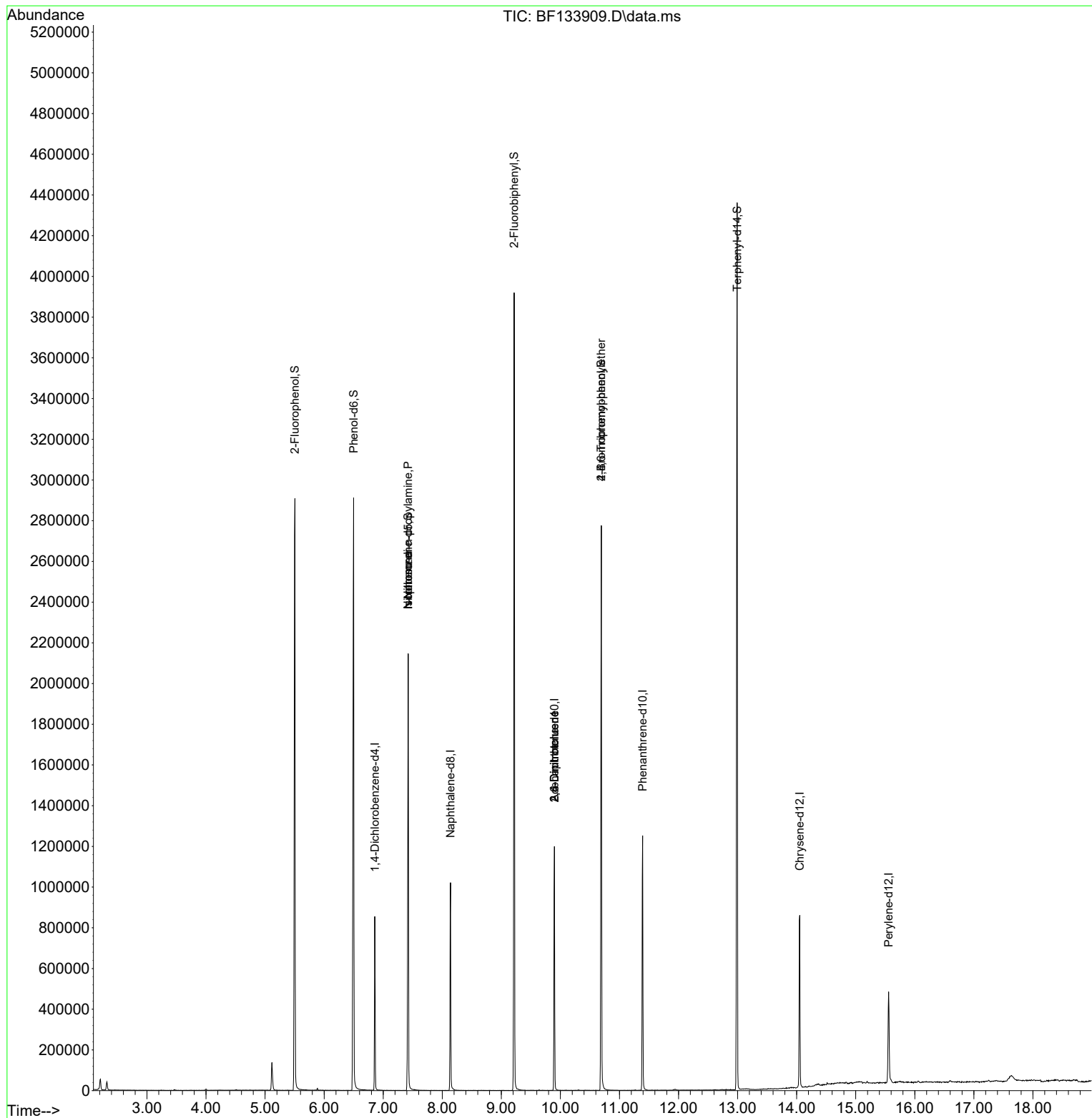
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115159	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	452358	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	229608	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	475216	20.000	ng	0.00
76) Chrysene-d12	14.051	240	312147	20.000	ng	0.00
86) Perylene-d12	15.557	264	226691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	815202	123.237	ng	0.01
7) Phenol-d6	6.498	99	983362	114.207	ng	0.00
23) Nitrobenzene-d5	7.422	82	661969	79.705	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	332384	114.362	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1163403	72.027	ng	0.00
79) Terphenyl-d14	12.992	244	1573987	78.024	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	92697	16.921	ng	# 77
25) Isophorone	7.422	82	659218	43.235	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	29029	8.206	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	29029	6.452	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	20117	3.793	ng	# 1

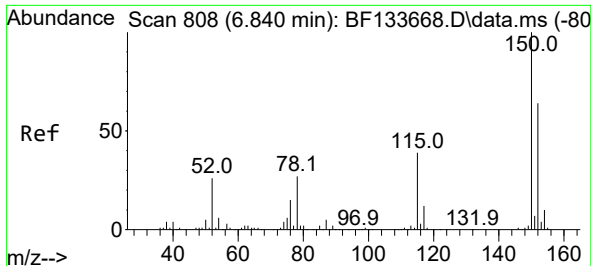
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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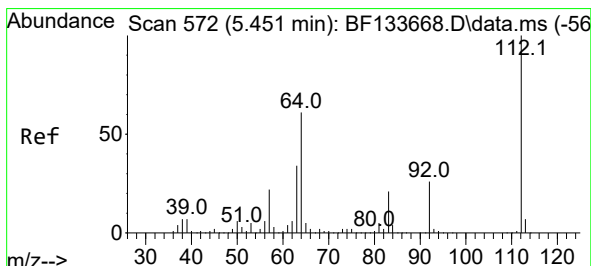
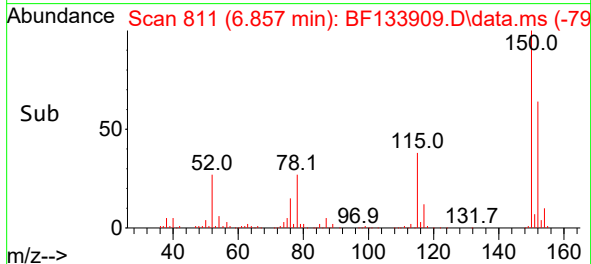
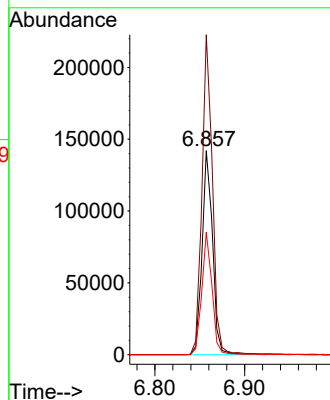
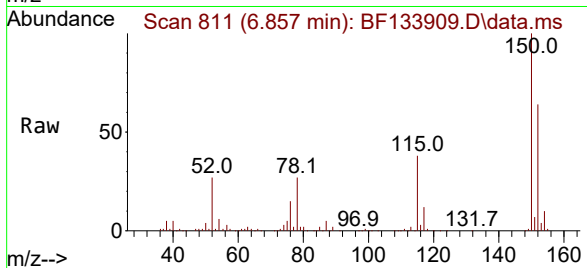




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

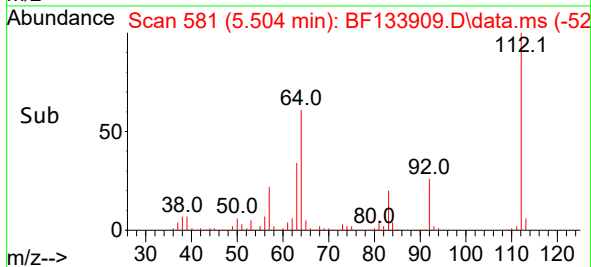
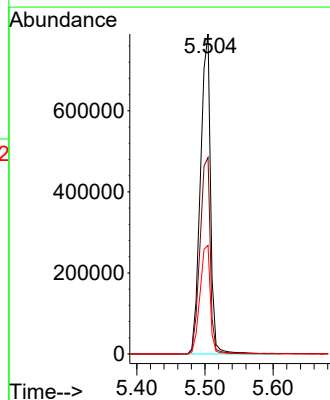
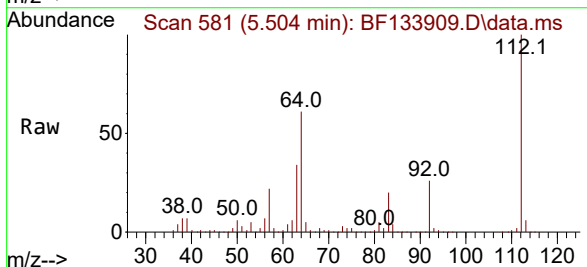
Instrument :
BNA_F
ClientSampleId :
PB153649BL

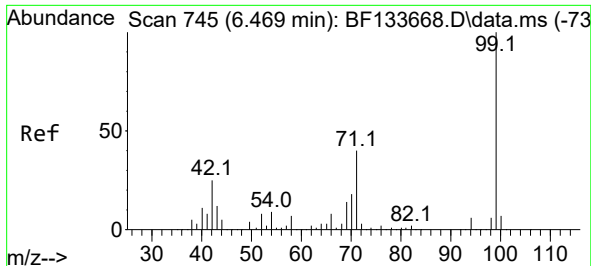
Tgt Ion:152 Resp: 115159
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 123.237 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

Tgt Ion:112 Resp: 815202
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.4
63 34.0 26.8 40.2

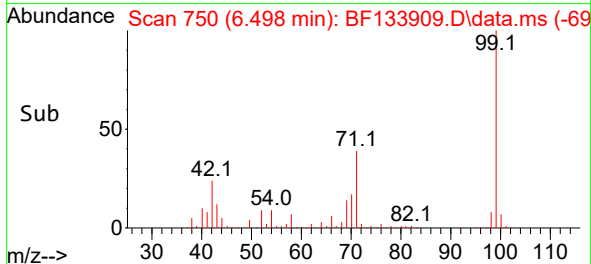
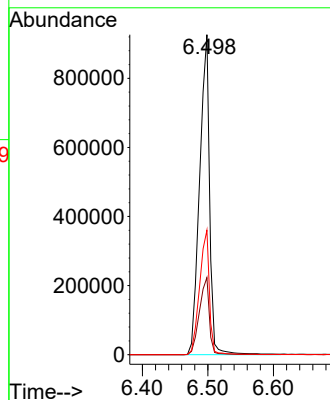
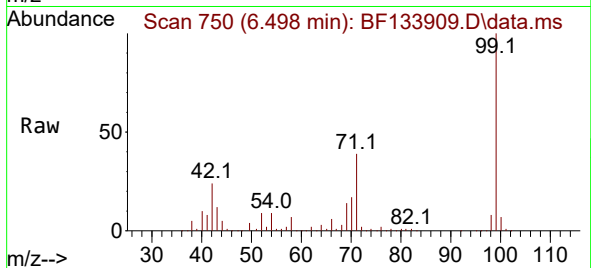




#7
Phenol-d6
Concen: 114.207 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

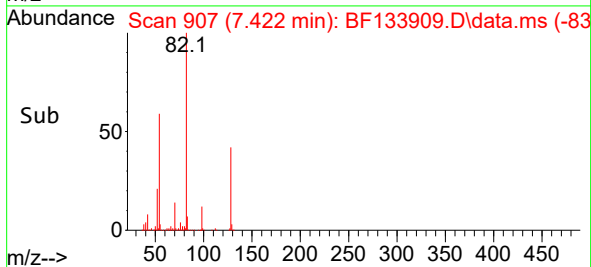
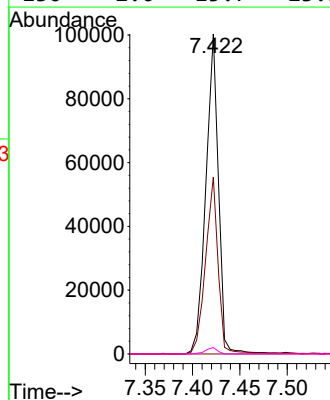
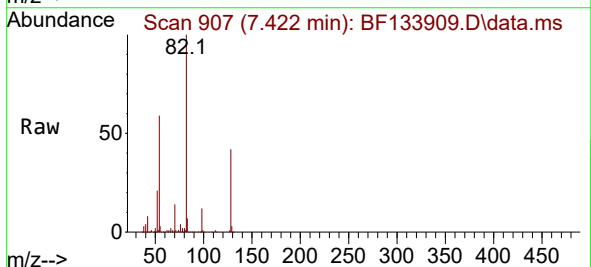
Instrument :
BNA_F
ClientSampleId :
PB153649BL

Tgt Ion: 99 Resp: 983362
Ion Ratio Lower Upper
99 100
42 24.1 19.9 29.9
71 38.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.921 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

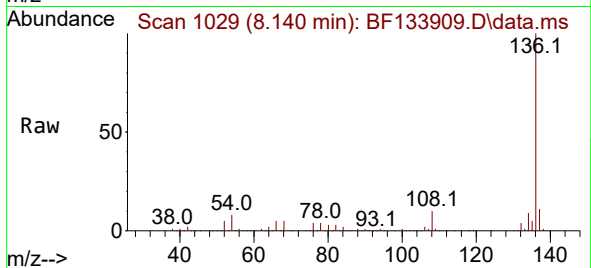
Tgt Ion: 70 Resp: 92697
Ion Ratio Lower Upper
70 100
42 55.3 55.8 83.8#
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#



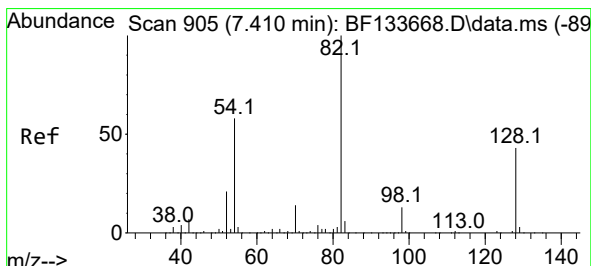
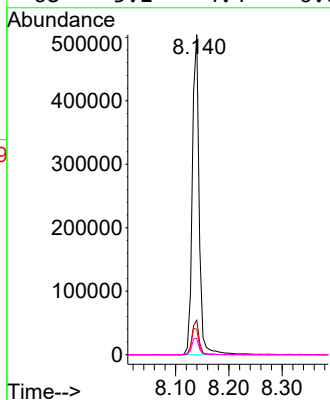
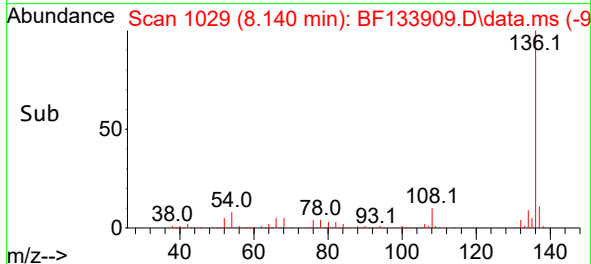


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

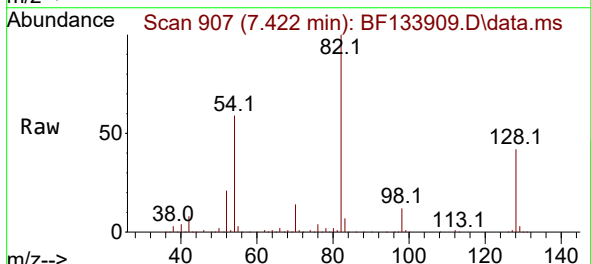
Instrument :
BNA_F
ClientSampleId :
PB153649BL



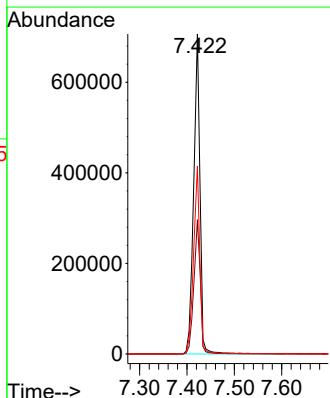
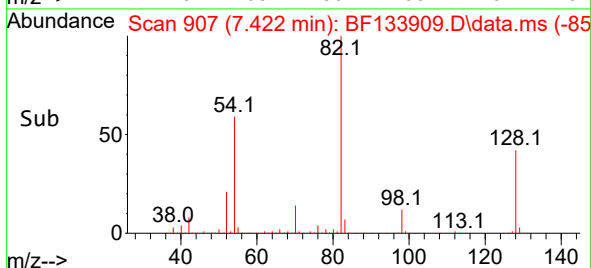
Tgt Ion:136 Resp: 452358
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 79.705 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27



Tgt Ion: 82 Resp: 661969
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.2
54 58.6 46.5 69.7

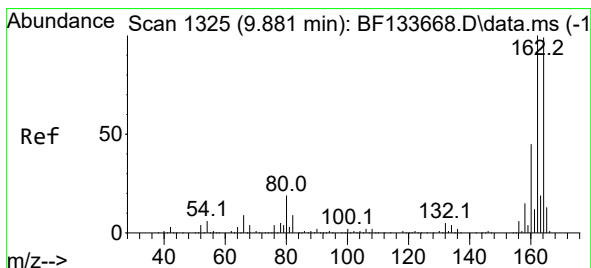
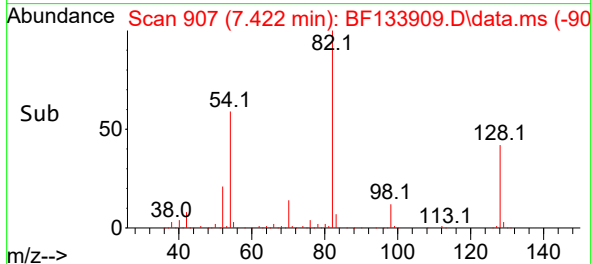
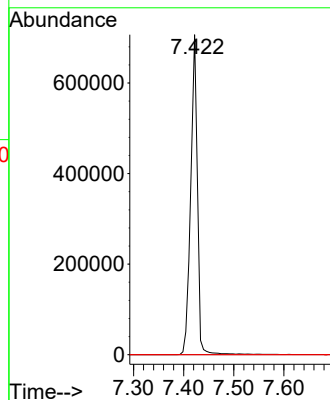
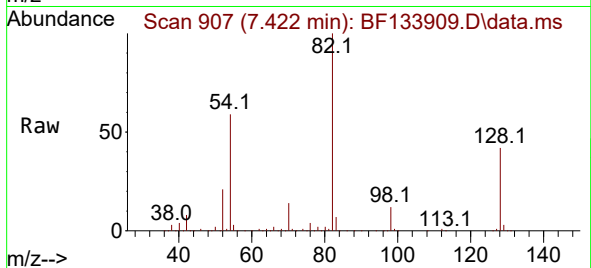




#25
Isophorone
Concen: 43.235 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

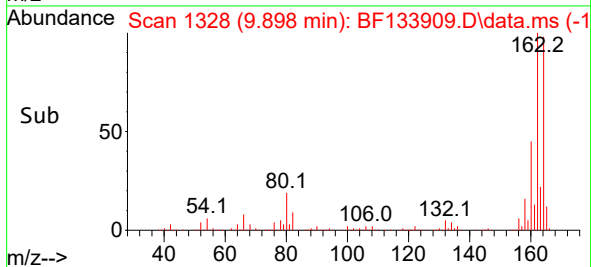
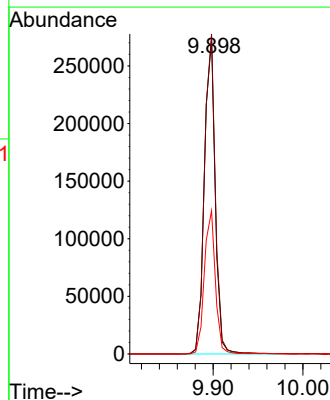
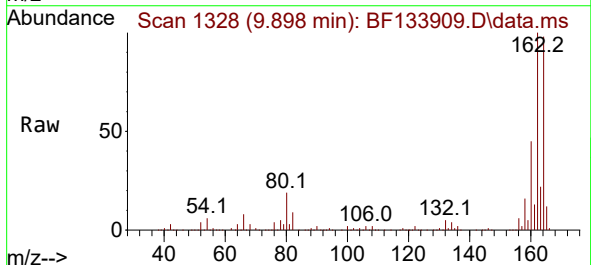
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ClientSampleId :
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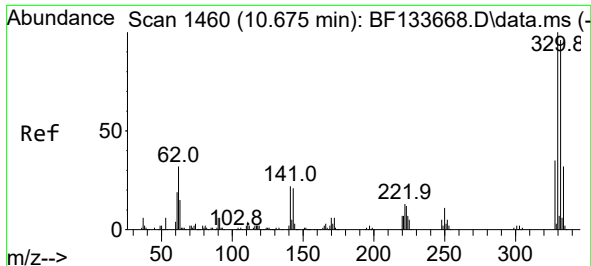
Tgt Ion: 82 Resp: 659218
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

Tgt Ion:164 Resp: 229608
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 114.362 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133909.D

Acq: 22 Jun 2023 19:27

Instrument :

BNA_F

ClientSampleId :

PB153649BL

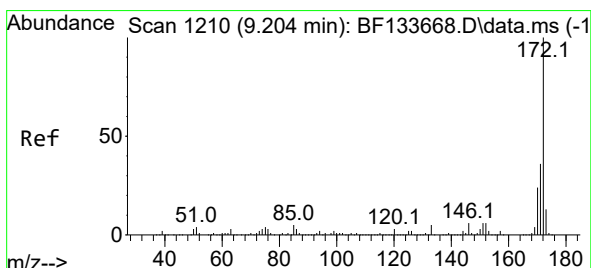
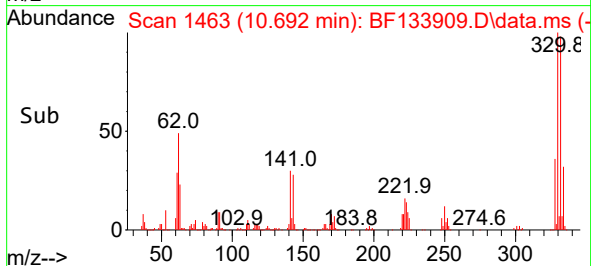
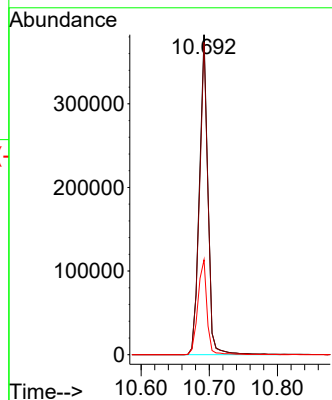
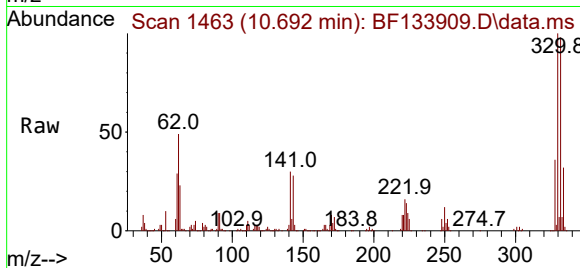
Tgt Ion:330 Resp: 332384

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 31.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 72.027 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133909.D

Acq: 22 Jun 2023 19:27

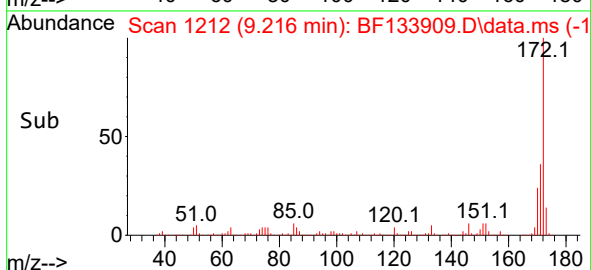
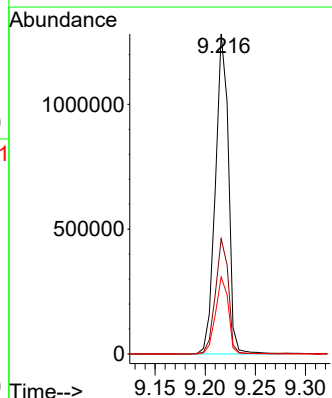
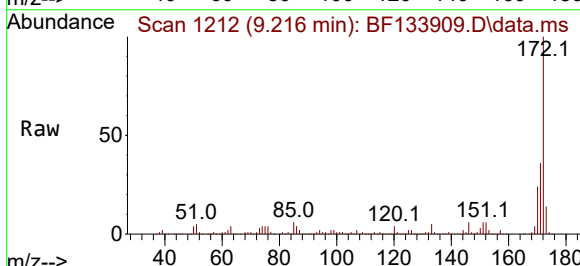
Tgt Ion:172 Resp: 1163403

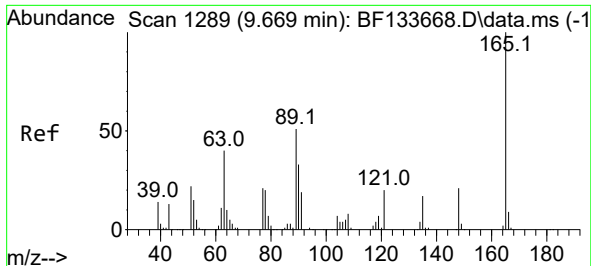
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7

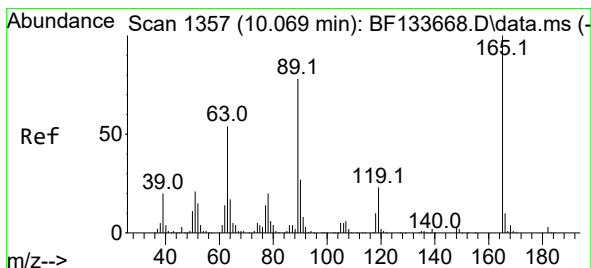
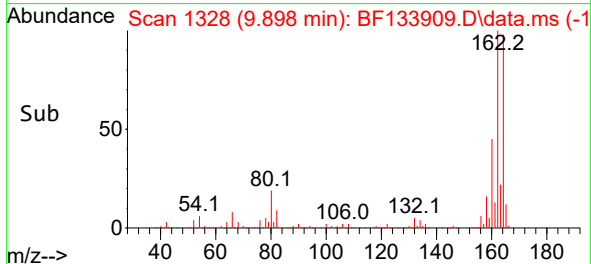
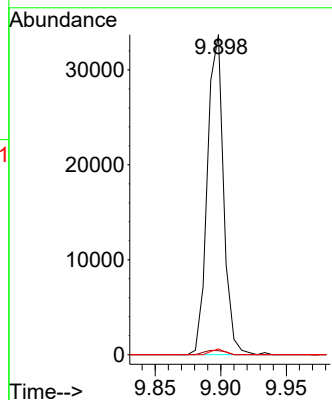
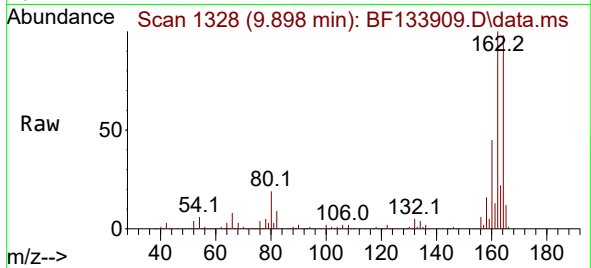




#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

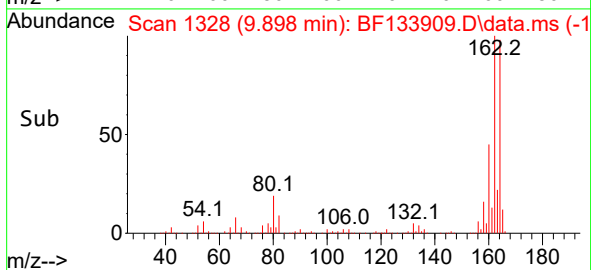
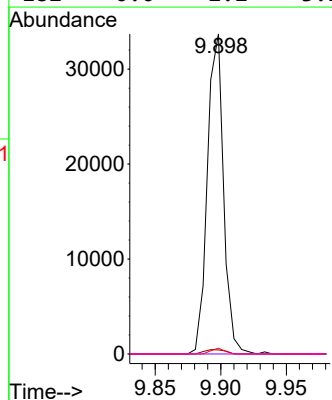
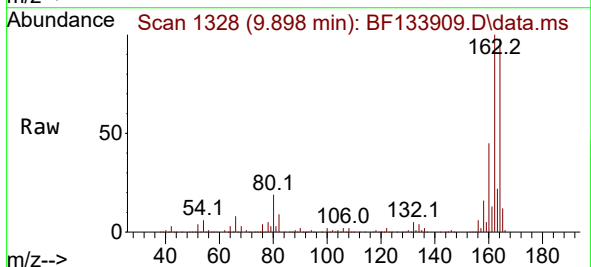
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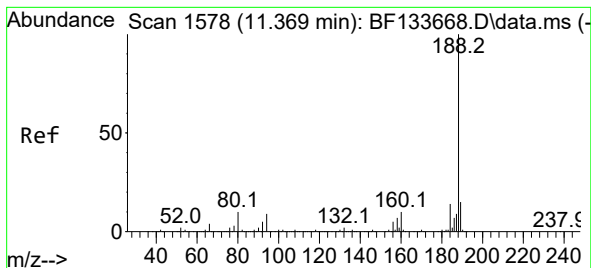
Tgt Ion:165 Resp: 29029
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

Tgt Ion:165 Resp: 29029
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133909.D

Acq: 22 Jun 2023 19:27

Instrument :

BNA_F

ClientSampleId :

PB153649BL

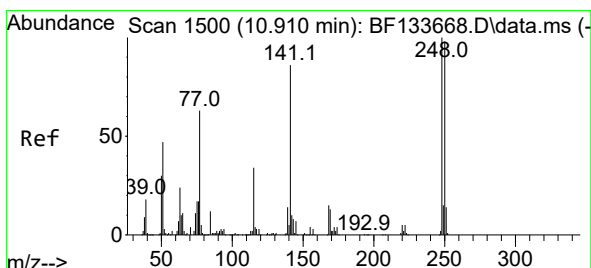
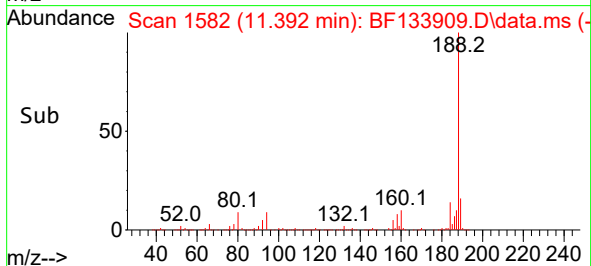
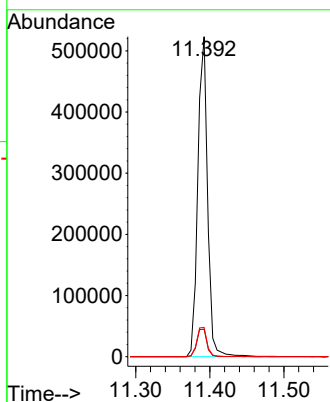
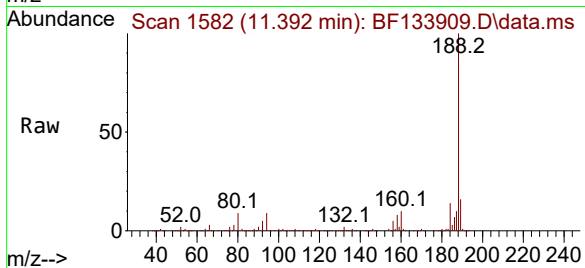
Tgt Ion:188 Resp: 475216

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.1 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.793 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF133909.D

Acq: 22 Jun 2023 19:27

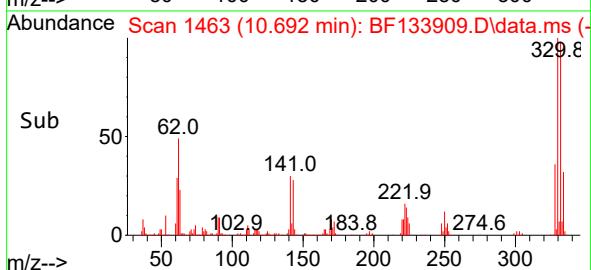
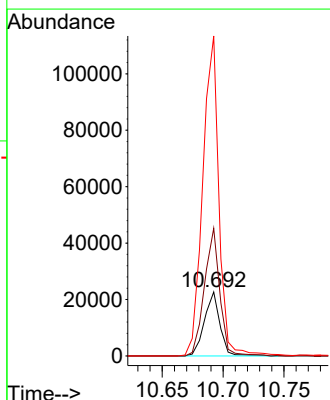
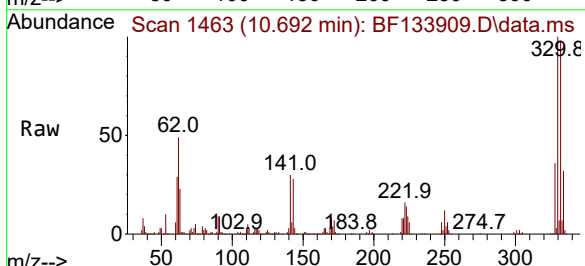
Tgt Ion:248 Resp: 20117

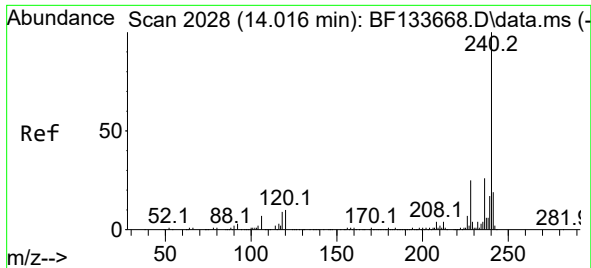
Ion Ratio Lower Upper

248 100

250 199.5 78.3 117.5#

141 500.1 69.0 103.6#

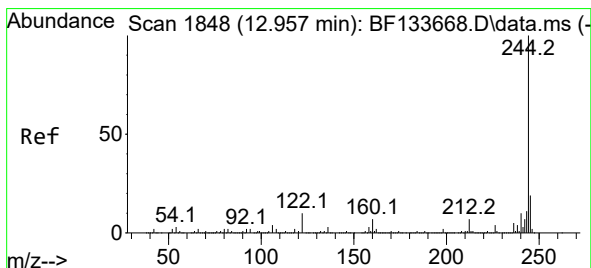
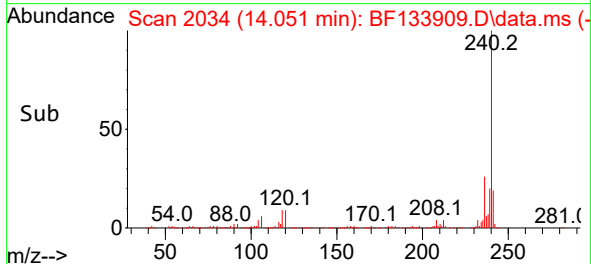
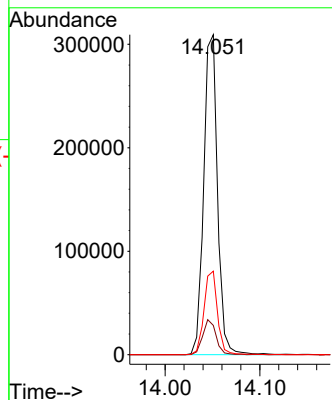
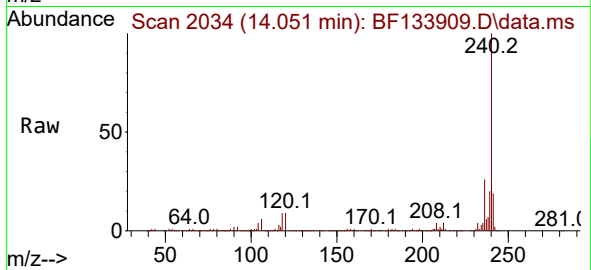




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

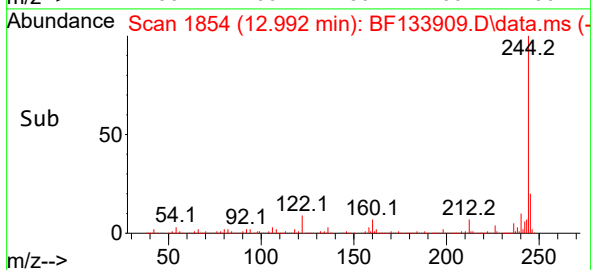
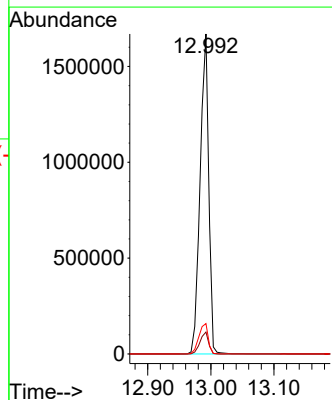
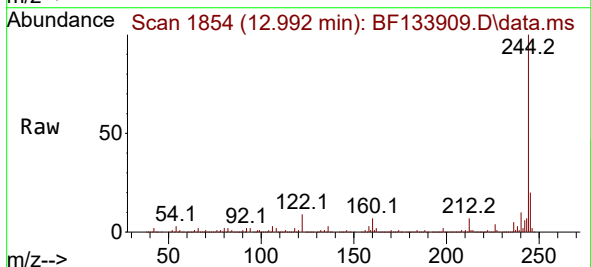
Instrument :
BNA_F
ClientSampleId :
PB153649BL

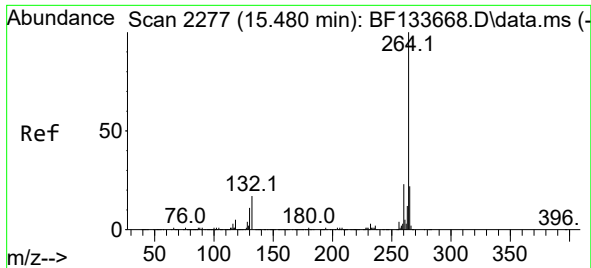
Tgt Ion:240 Resp: 312147
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 78.024 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133909.D
Acq: 22 Jun 2023 19:27

Tgt Ion:244 Resp: 1573987
Ion Ratio Lower Upper
244 100
212 6.9 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: BF133909.D
Acq: 22 Jun 2023 19:27

Instrument :
BNA_F
ClientSampleId :
PB153649BL

Tgt Ion:264 Resp: 226691

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.7	17.8	26.6

