

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133363.D
 Acq On : 11 May 2023 19:45
 Operator : CG\JU
 Sample : 02747-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2-20230510

Quant Time: May 12 04:31:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

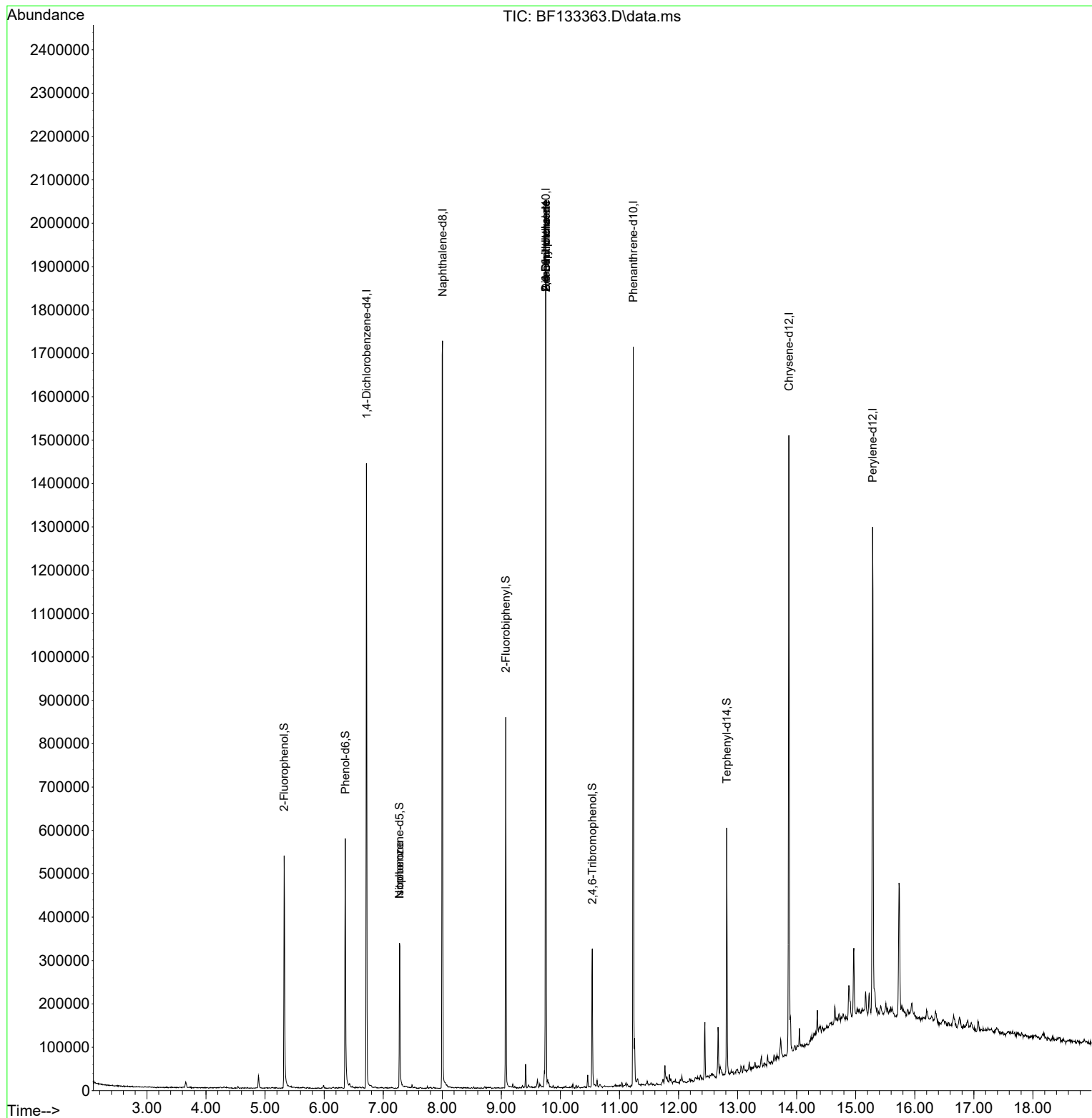
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	198942	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	777750	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	371414	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	567448	20.000	ng	0.00
76) Chrysene-d12	13.869	240	434879	20.000	ng	-0.01
86) Perylene-d12	15.286	264	489994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	160870	12.215	ng	0.00
7) Phenol-d6	6.357	99	191204	11.697	ng	-0.01
23) Nitrobenzene-d5	7.275	82	114414	7.940	ng	-0.02
42) 2,4,6-Tribromophenol	10.539	330	34856	9.332	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	228192	10.279	ng	-0.01
79) Terphenyl-d14	12.816	244	173112	6.865	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	525	Below Cal	#	83
25) Isophorone	7.275	82	114413	4.182	ng	# 62
50) Dimethylphthalate	9.751	163	69447	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	47277	8.111	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	47277	6.360	ng	# 23

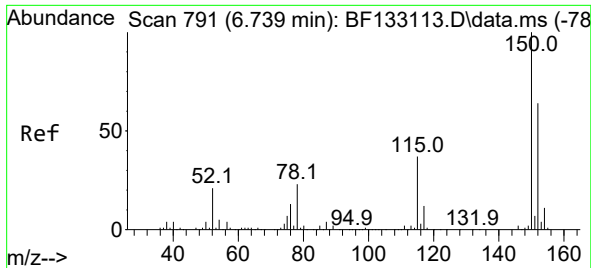
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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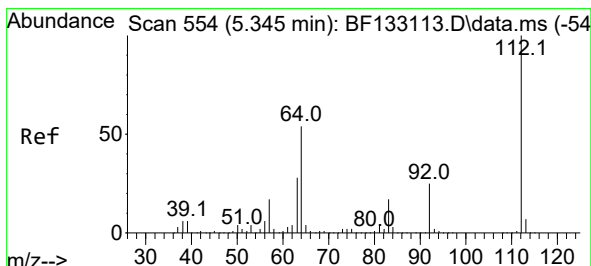
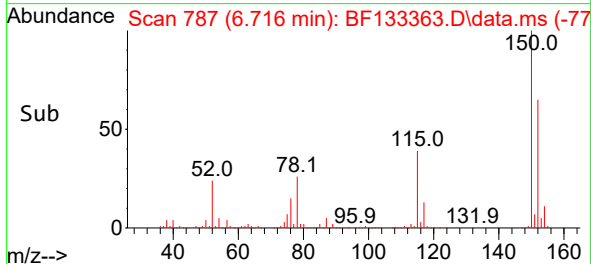
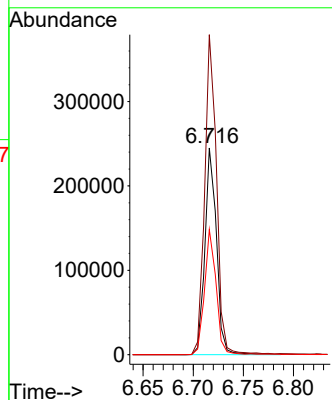
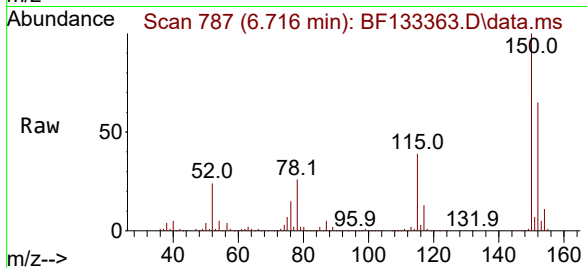




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

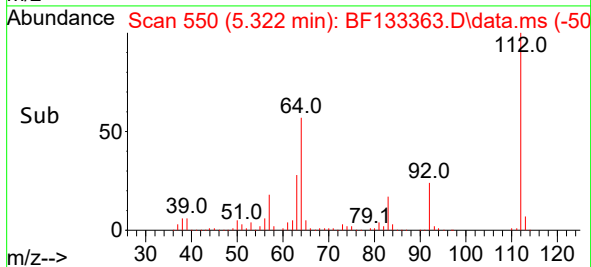
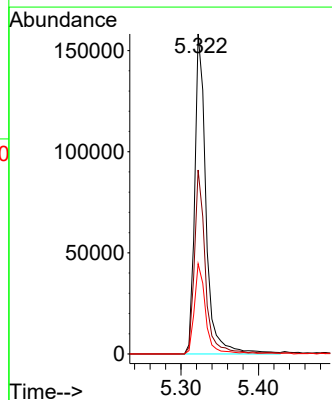
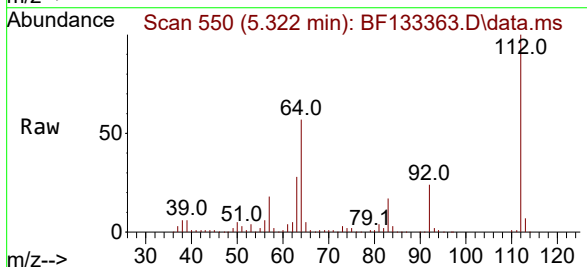
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2-20230510

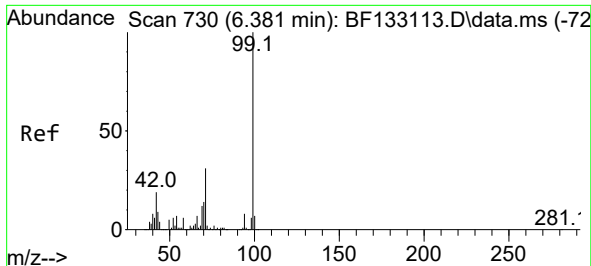
Tgt Ion:152 Resp: 198942
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 12.215 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

Tgt Ion:112 Resp: 160870
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 28.2 23.8 35.8

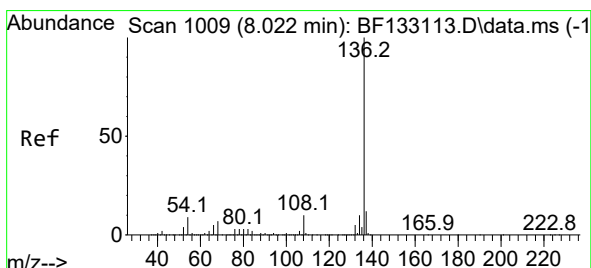
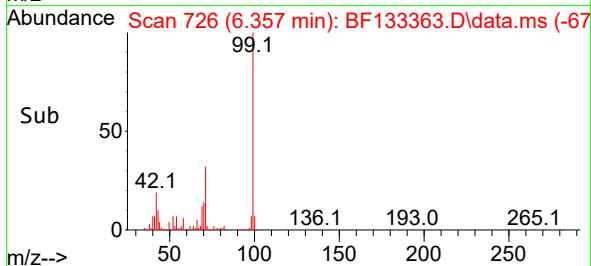
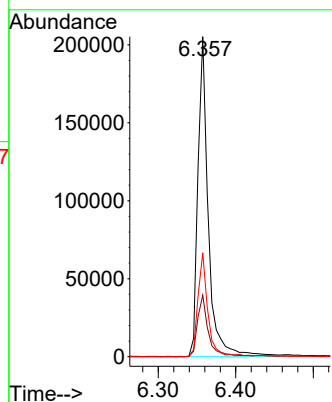
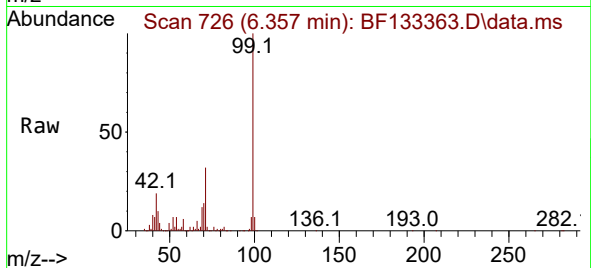




#7
Phenol-d6
Concen: 11.697 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

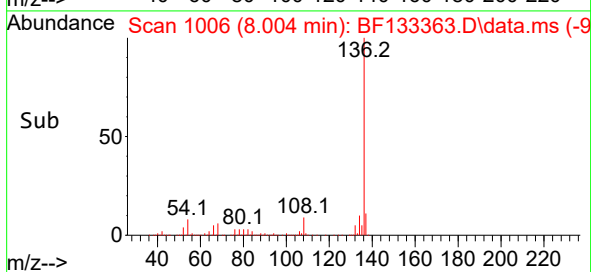
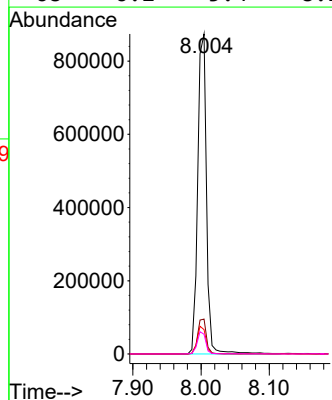
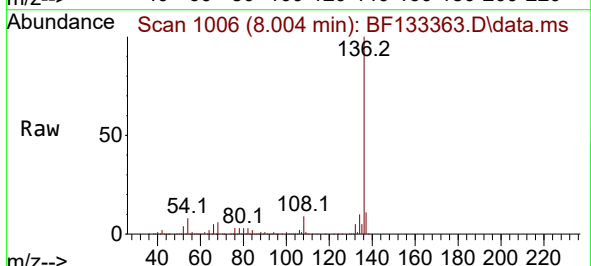
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2-20230510

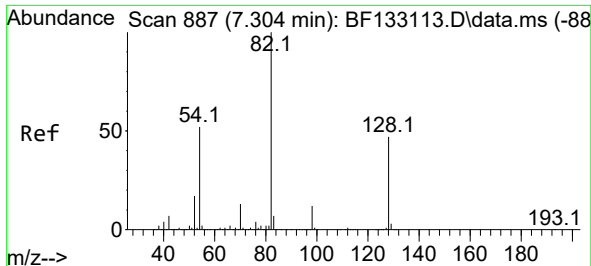
Tgt Ion: 99 Resp: 191204
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

Tgt Ion: 136 Resp: 777750
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 7.0 10.4
68 6.2 5.4 8.2

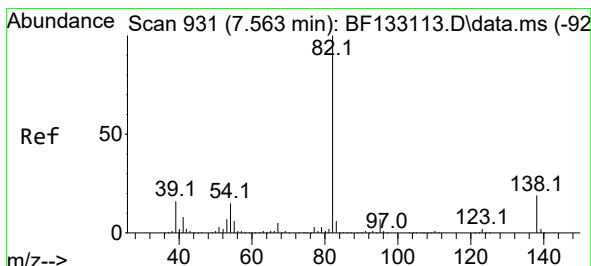
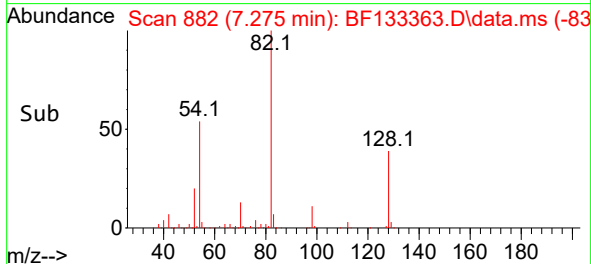
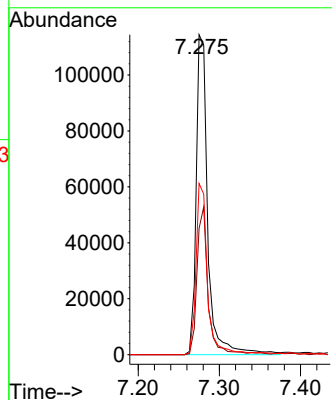
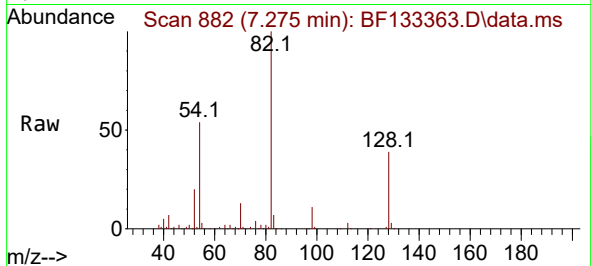




#23
Nitrobenzene-d5
Concen: 7.940 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

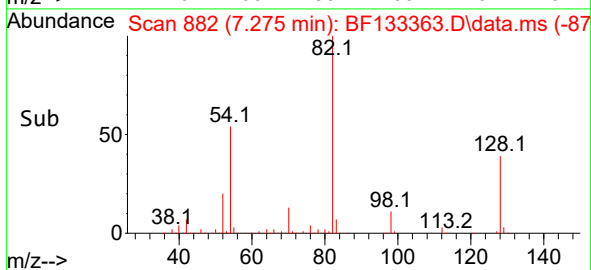
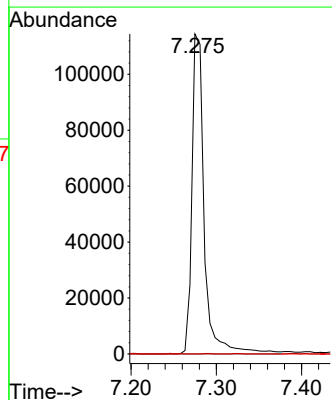
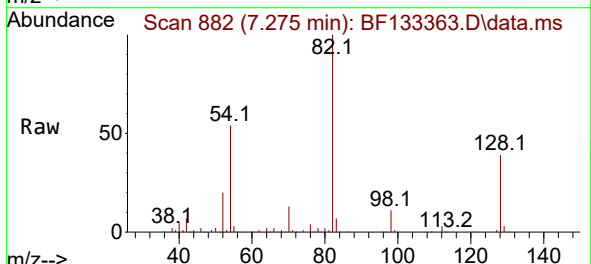
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2-20230510

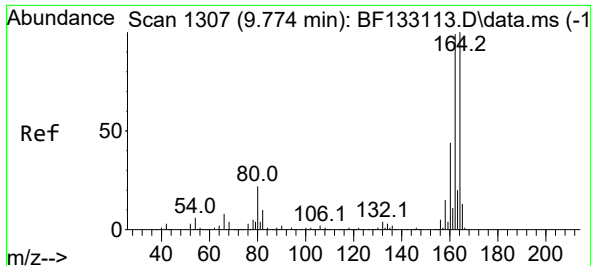
Tgt Ion: 82 Resp: 114414
Ion Ratio Lower Upper
82 100
128 39.5 37.7 56.5
54 53.5 43.0 64.4



#25
Isophorone
Concen: 4.182 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.270 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

Tgt Ion: 82 Resp: 114413
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133363.D

Acq: 11 May 2023 19:45

Instrument :

BNA_F

ClientSampleId :

SB-03-0-2-20230510

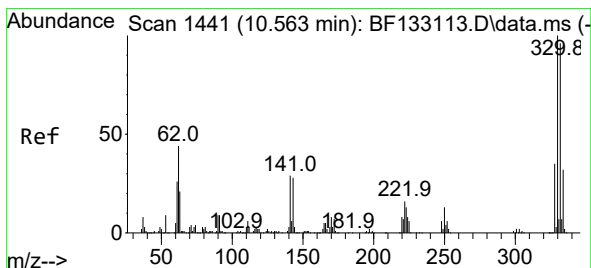
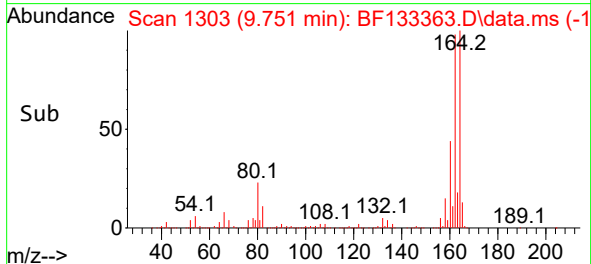
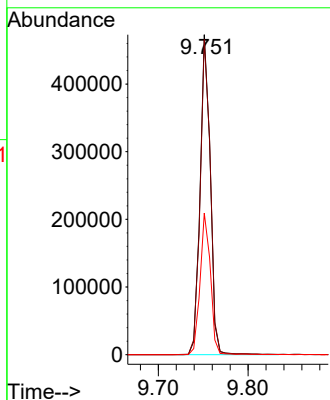
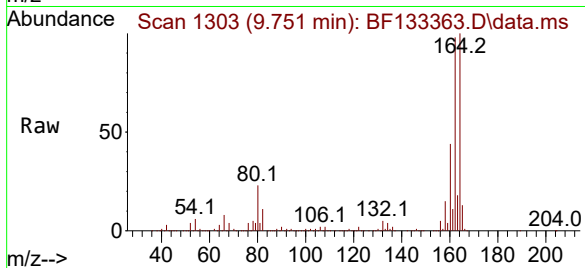
Tgt Ion:164 Resp: 371414

Ion Ratio Lower Upper

164 100

162 98.5 78.7 118.1

160 44.3 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 9.332 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.012 min

Lab File: BF133363.D

Acq: 11 May 2023 19:45

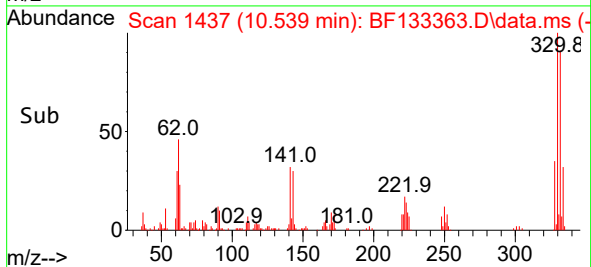
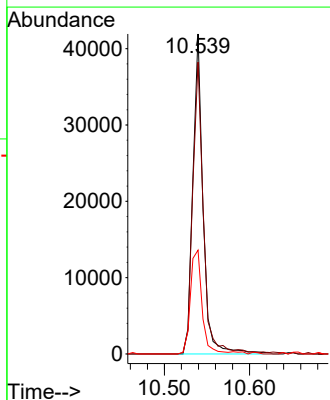
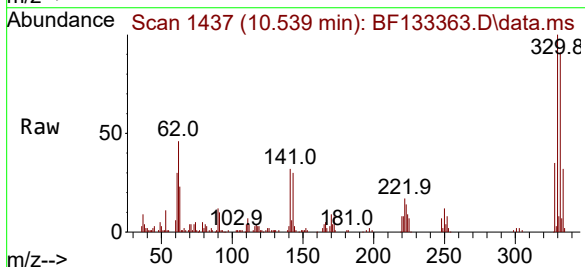
Tgt Ion:330 Resp: 34856

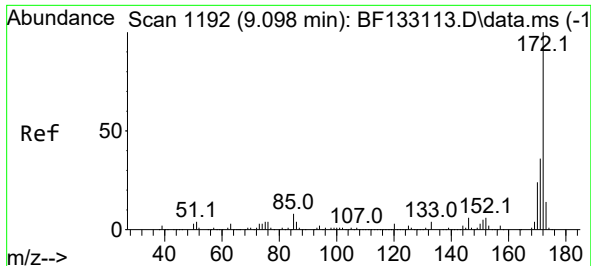
Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 36.9 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 10.279 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF133363.D

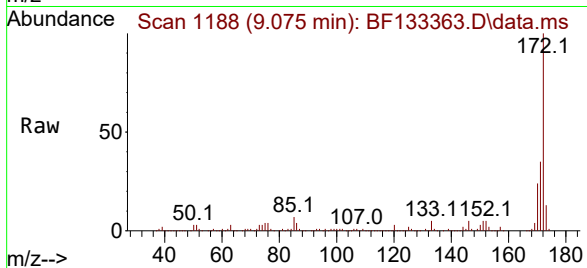
Acq: 11 May 2023 19:45

Instrument :

BNA_F

ClientSampleId :

SB-03-0-2-20230510



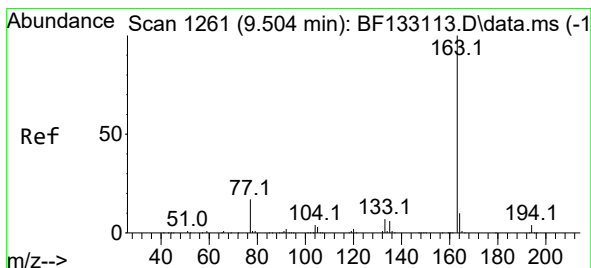
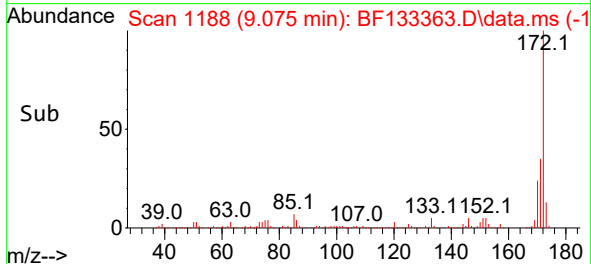
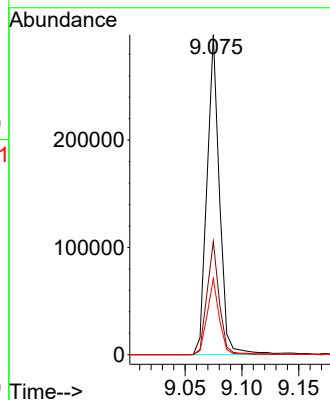
Tgt Ion:172 Resp: 228192

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.4 29.2



#50

Dimethylphthalate

Concen: 2.682 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.265 min

Lab File: BF133363.D

Acq: 11 May 2023 19:45

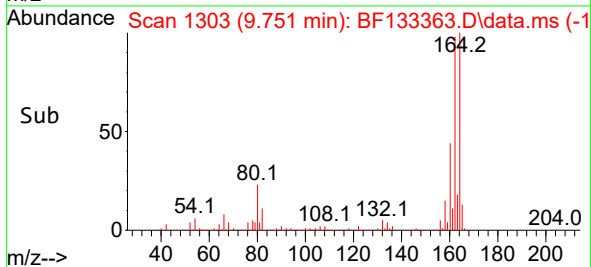
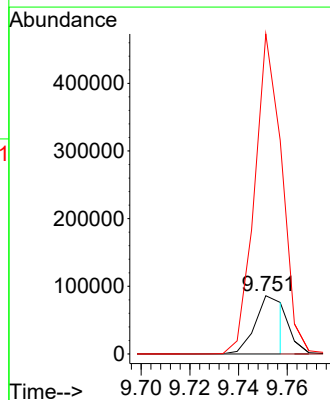
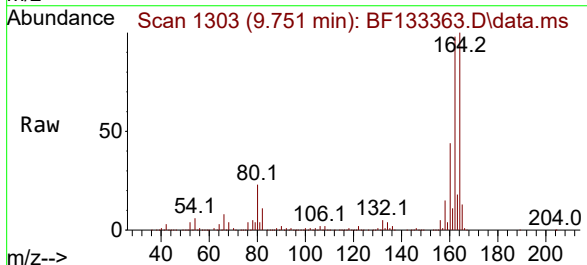
Tgt Ion:163 Resp: 69447

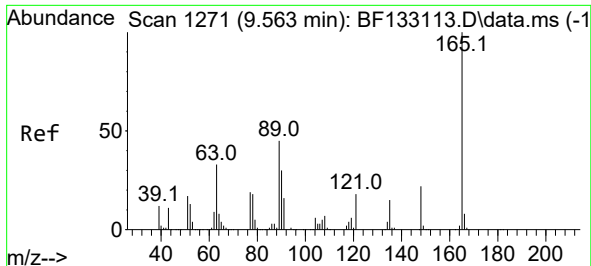
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 549.2 8.5 12.7#

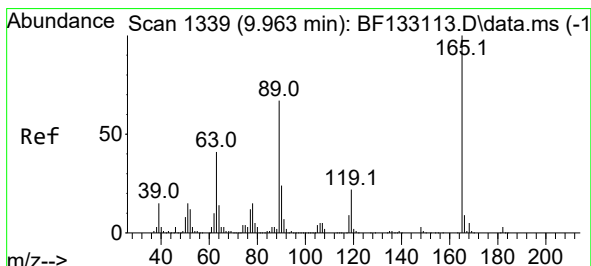
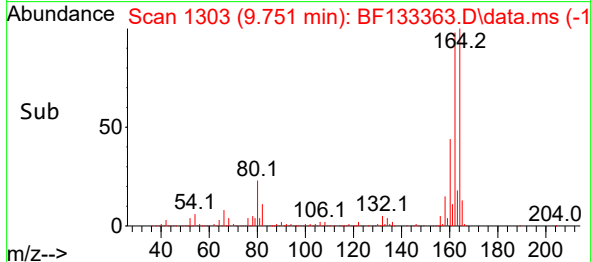
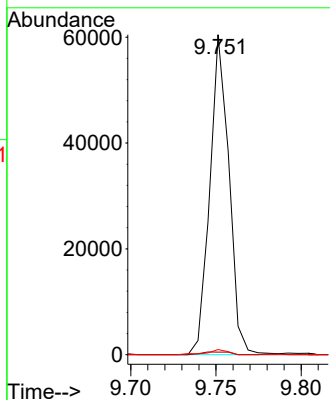
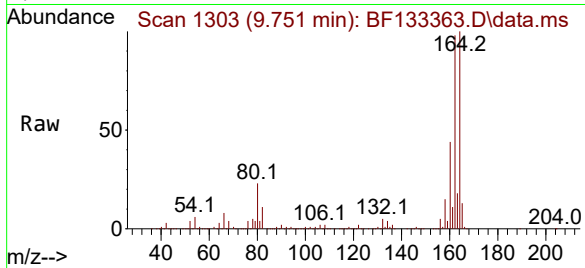




#51
2,6-Dinitrotoluene
Concen: 8.111 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

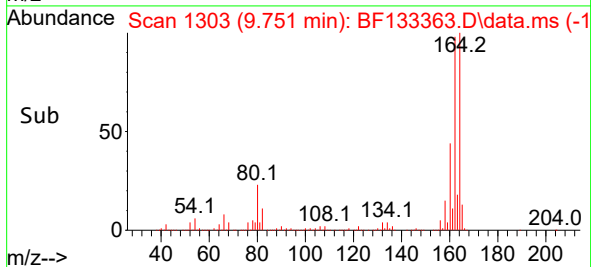
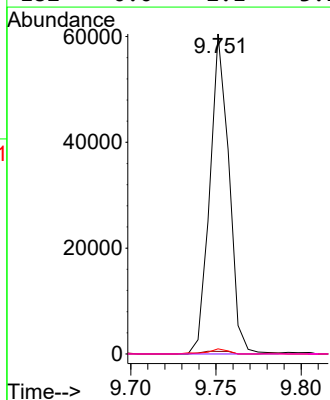
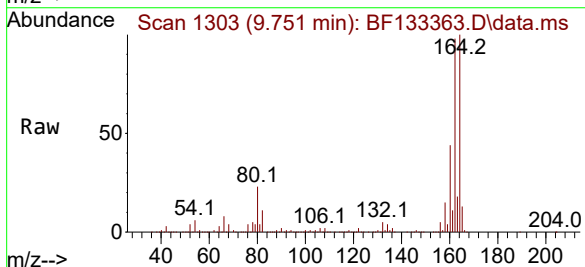
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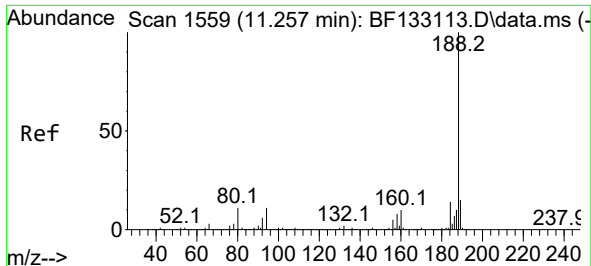
Tgt Ion:165 Resp: 47277
Ion Ratio Lower Upper
165 100
63 0.8 45.9 68.9#
89 1.6 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.360 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.200 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

Tgt Ion:165 Resp: 47277
Ion Ratio Lower Upper
165 100
63 0.8 37.7 56.5#
89 1.6 57.0 85.4#
182 0.0 2.1 3.1#

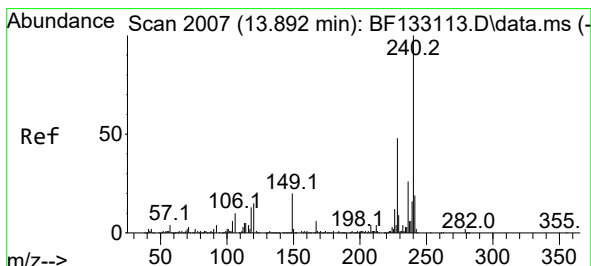
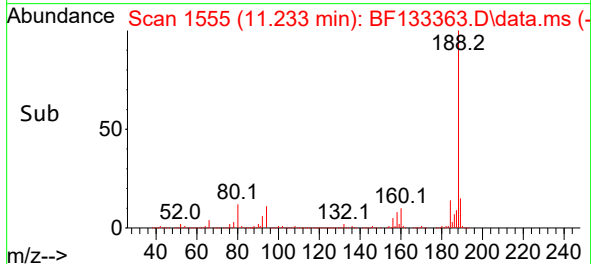
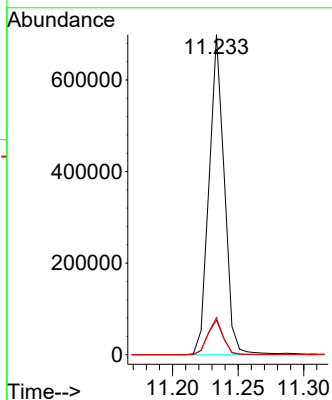
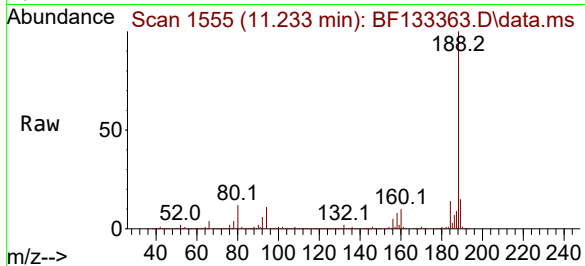




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

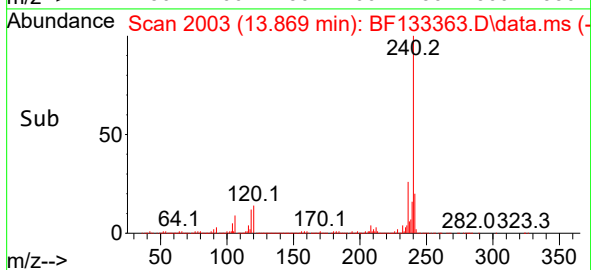
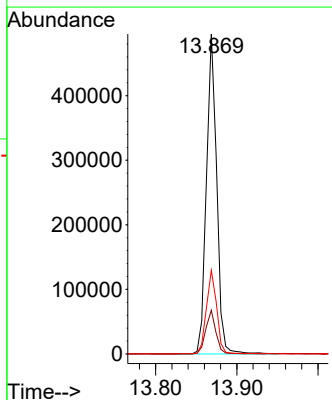
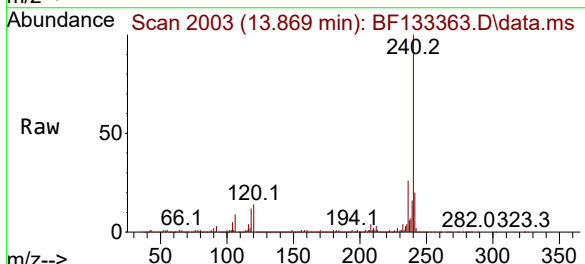
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2-20230510

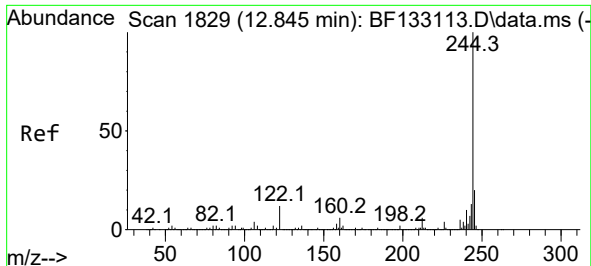
Tgt Ion:188 Resp: 567448
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133363.D
Acq: 11 May 2023 19:45

Tgt Ion:240 Resp: 434879
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.2 21.5 32.3

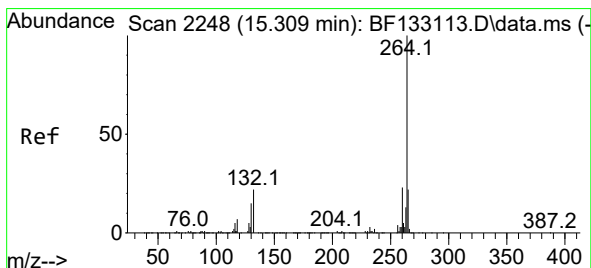
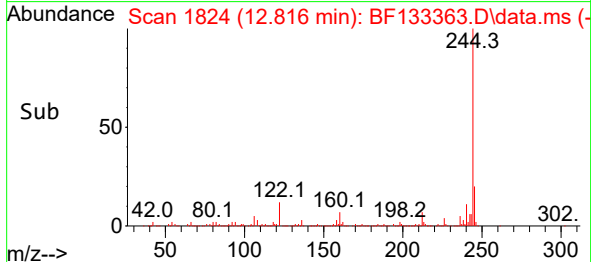
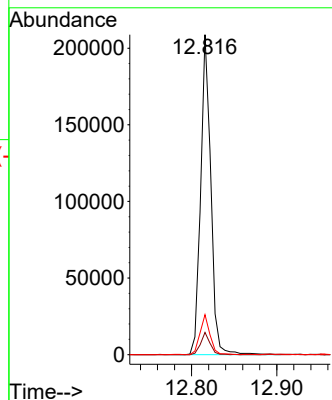
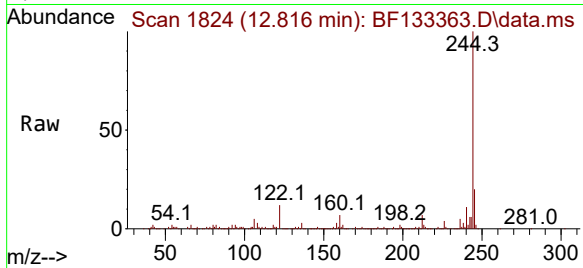




#79
 Terphenyl-d14
 Concen: 6.865 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.012 min
 Lab File: BF133363.D
 Acq: 11 May 2023 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2-20230510

Tgt Ion:244 Resp: 173112
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133363.D
 Acq: 11 May 2023 19:45

Tgt Ion:264 Resp: 489994
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.6 17.0 25.4

