

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133471.D
 Acq On : 24 May 2023 15:23
 Operator : CG\JU
 Sample : 02892-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Quant Time: May 24 16:29:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

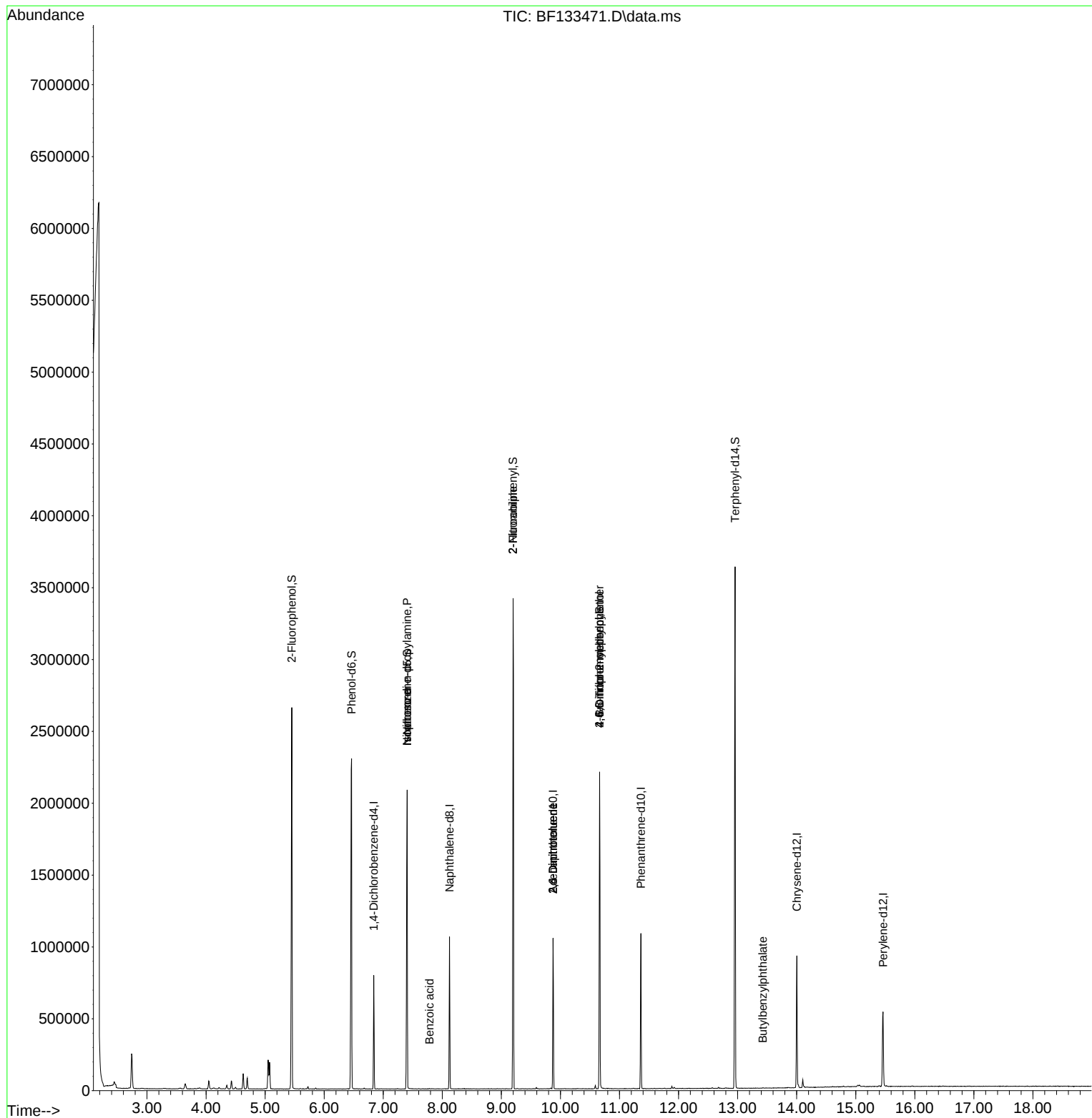
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	97999	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	377852	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	184329	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	357488	20.000	ng	0.00
76) Chrysene-d12	14.004	240	285567	20.000	ng	0.00
86) Perylene-d12	15.463	264	242446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	696816	116.230	ng	0.00
7) Phenol-d6	6.463	99	786244	109.094	ng	0.00
23) Nitrobenzene-d5	7.404	82	551874	100.976	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	245292	144.056	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1013146	77.330	ng	0.00
79) Terphenyl-d14	12.957	244	1240738	83.069	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	77608	17.207	ng	# 77
25) Isophorone	7.404	82	551866	42.912	ng	# 66
32) Benzoic acid	7.787	122	315	6.393	ng	93
48) 2-Nitroaniline	9.198	65	1849	5.987	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	22605	13.029	ng	# 16
57) 2,4-Dinitrotoluene	9.875	165	22605	12.403	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.663	198	668	8.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	14971	3.993	ng	# 1
80) Butylbenzylphthalate	13.427	149	779	3.454	ng	96

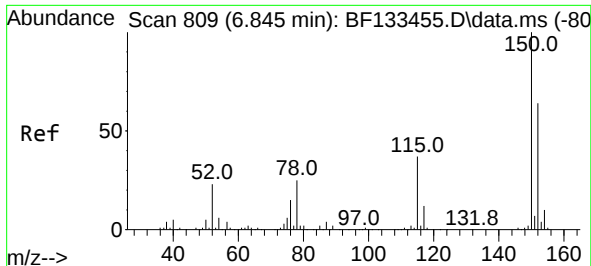
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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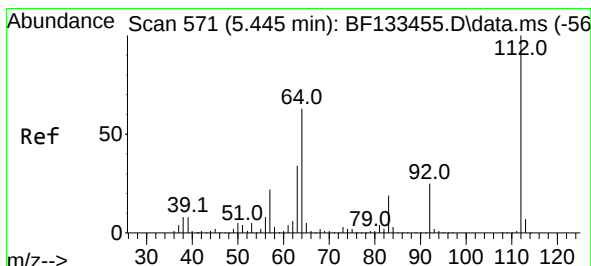
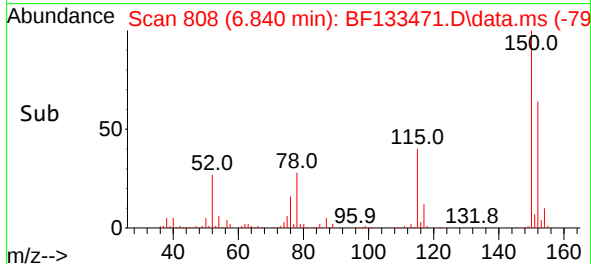
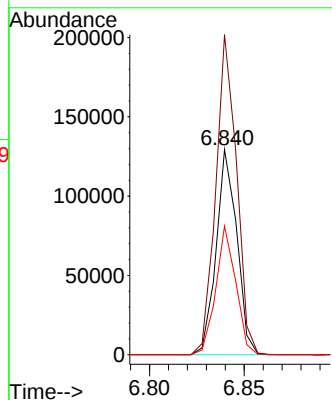
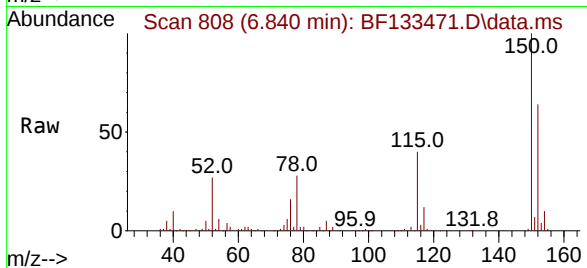




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 809
 Delta R.T. -0.005 min
 Lab File: BF133471.D
 Acq: 24 May 2023 15:23

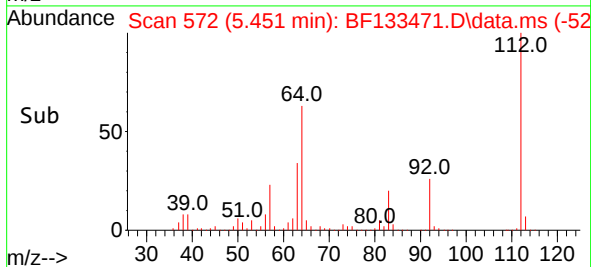
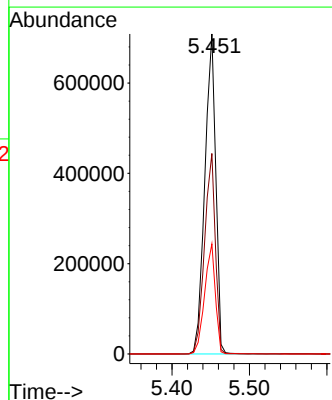
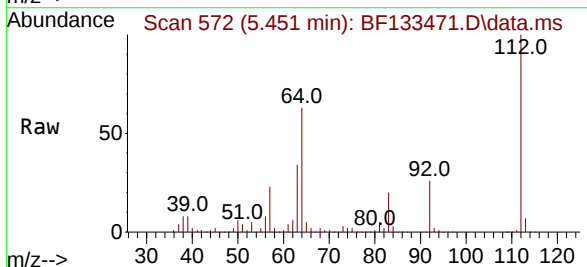
Instrument :
 BNA_F
 ClientSampleId :
 TP-33

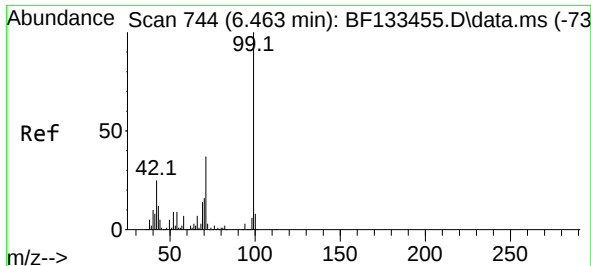
Tgt Ion:152 Resp: 97999
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 62.8 47.0 70.4



#5
 2-Fluorophenol
 Concen: 116.230 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: BF133471.D
 Acq: 24 May 2023 15:23

Tgt Ion:112 Resp: 696816
 Ion Ratio Lower Upper
 112 100
 64 62.7 50.2 75.4
 63 34.4 27.2 40.8

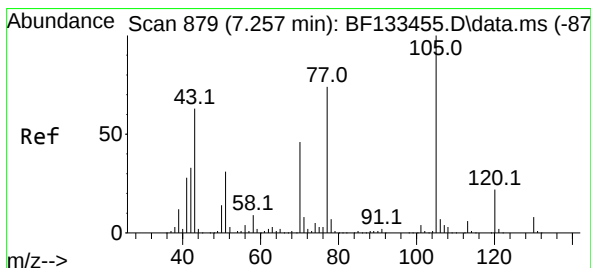
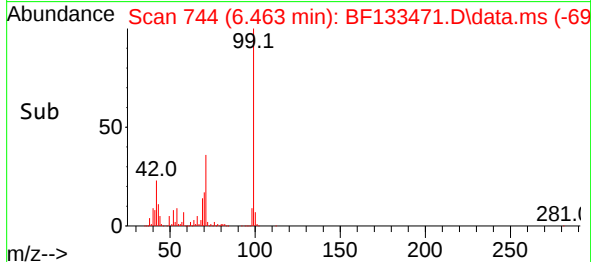
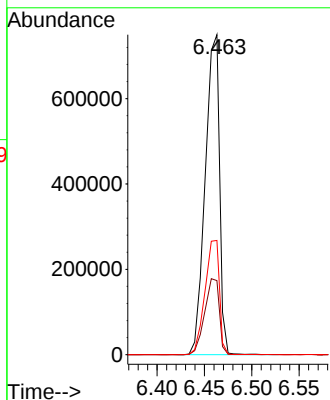
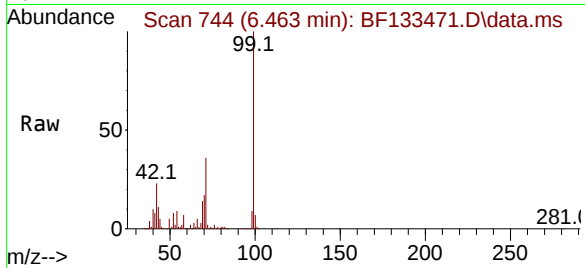




#7
Phenol-d6
Concen: 109.094 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

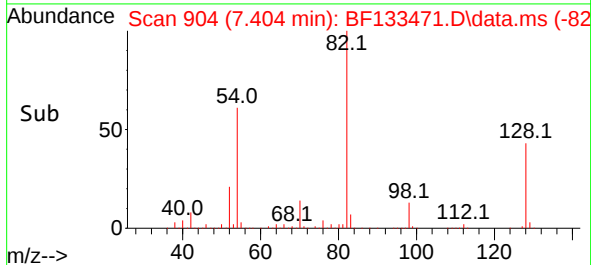
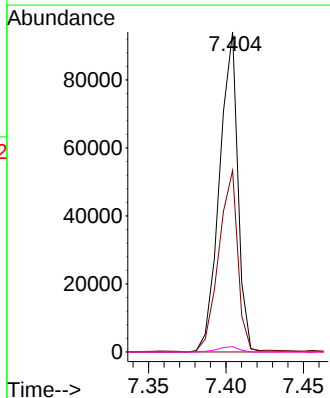
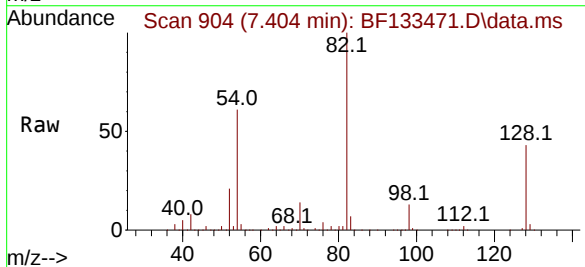
Instrument :
BNA_F
ClientSampleId :
TP-33

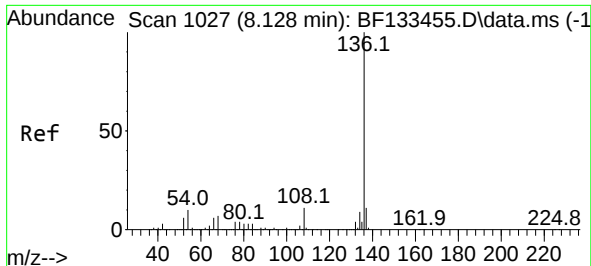
Tgt Ion: 99 Resp: 786244
Ion Ratio Lower Upper
99 100
42 23.1 19.6 29.4
71 35.7 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.207 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion: 70 Resp: 77608
Ion Ratio Lower Upper
70 100
42 56.7 57.7 86.5#
101 0.0 7.6 11.4#
130 1.6 14.5 21.7#



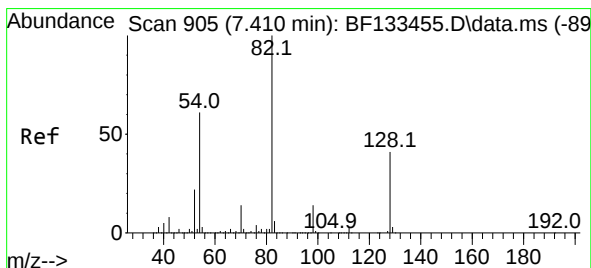
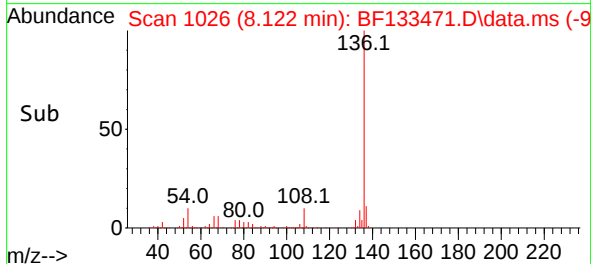
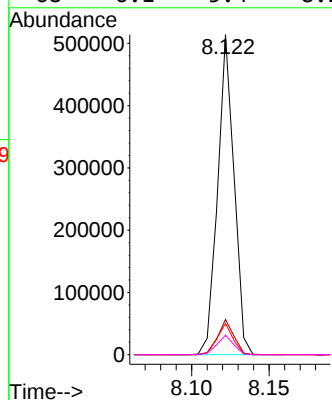
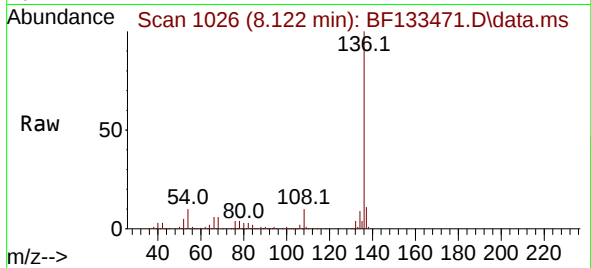


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Instrument :
BNA_F
ClientSampleId :
TP-33

Tgt Ion:136 Resp: 377852

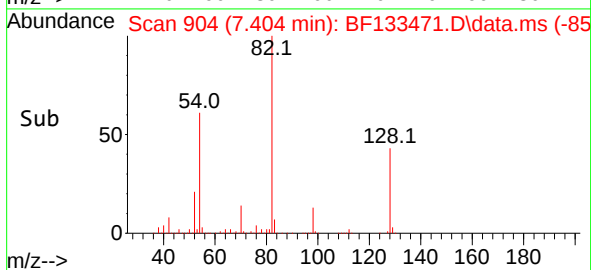
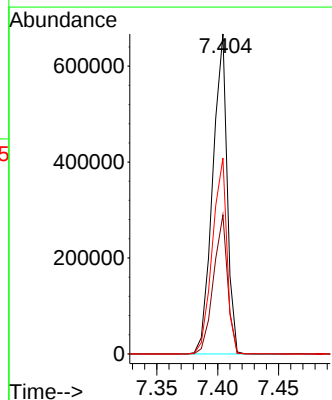
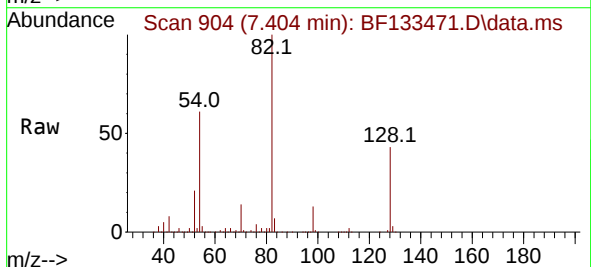
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	8.0	12.0
68	6.1	5.4	8.2

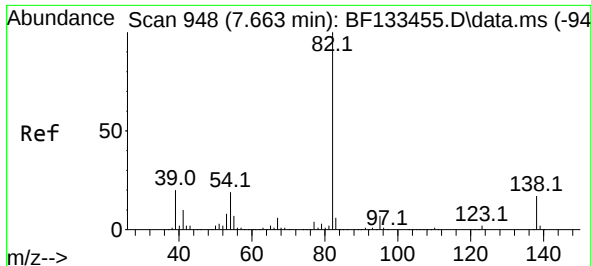


#23
Nitrobenzene-d5
Concen: 100.976 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion: 82 Resp: 551874

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.0	49.6
54	61.2	48.5	72.7

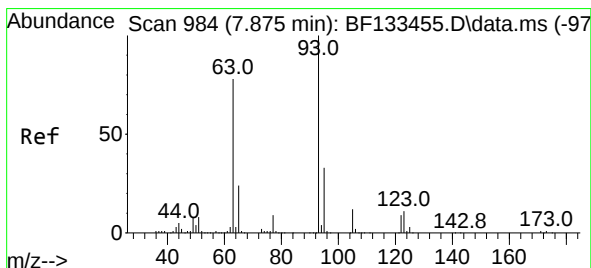
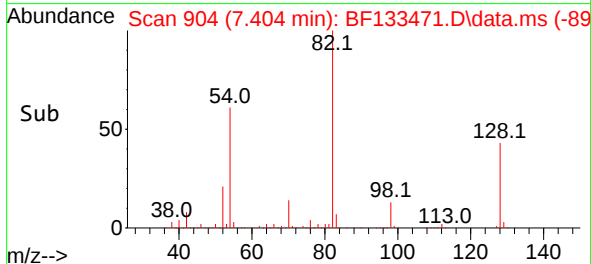
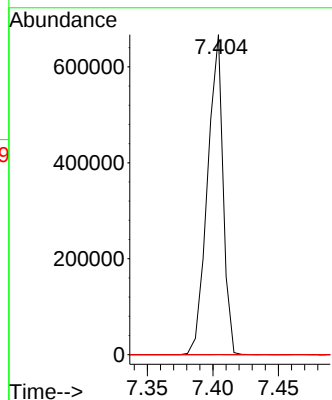
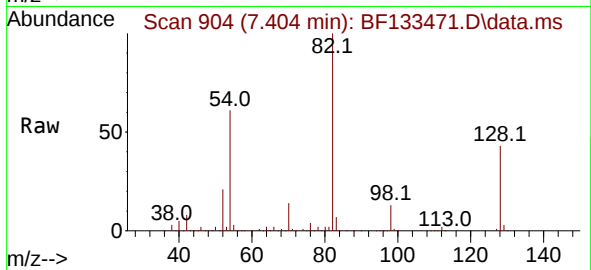




#25
Isophorone
Concen: 42.912 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

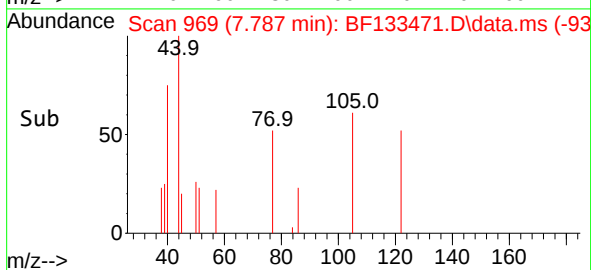
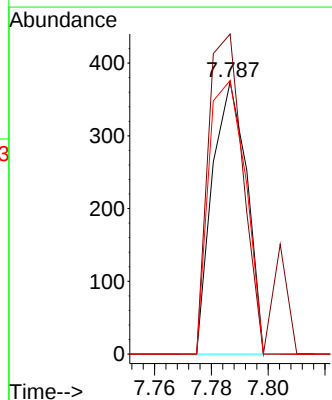
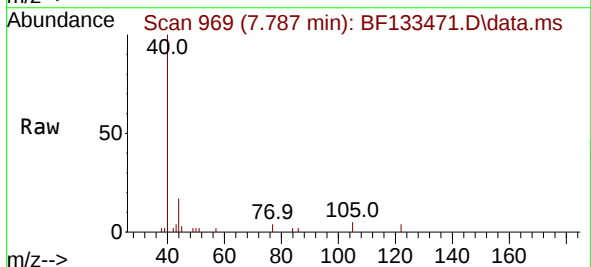
Instrument :
BNA_F
ClientSampleId :
TP-33

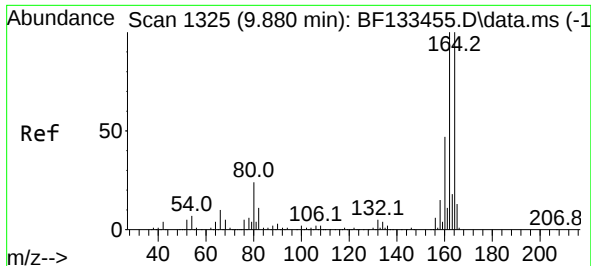
Tgt Ion: 82 Resp: 551866
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#32
Benzoic acid
Concen: 6.393 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.088 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion:122 Resp: 315
Ion Ratio Lower Upper
122 100
105 117.6 111.2 151.2
77 100.5 82.0 122.0

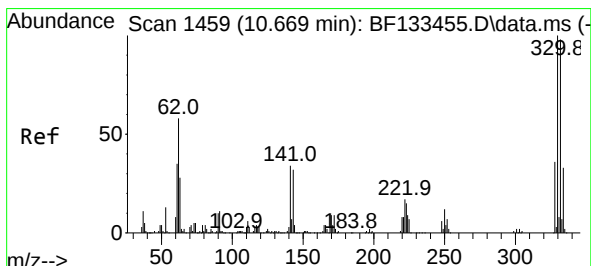
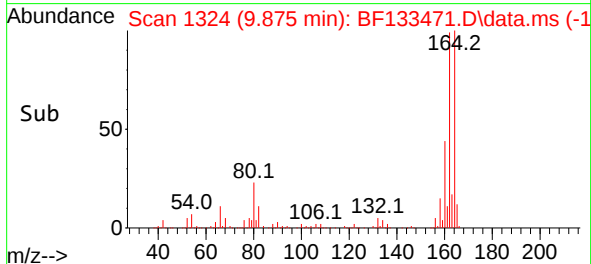
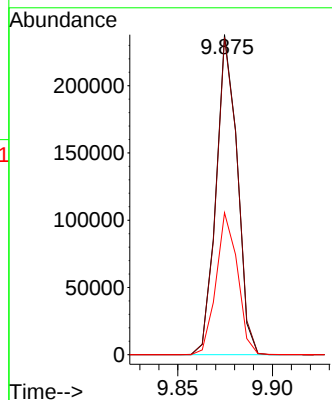
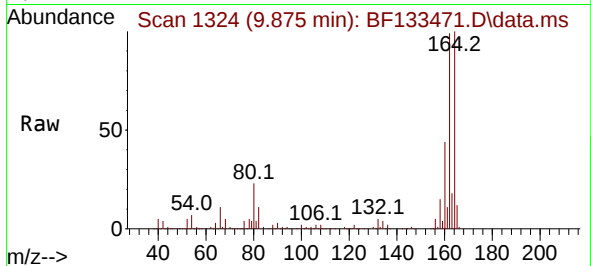




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

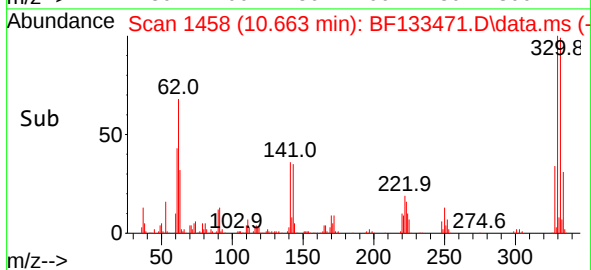
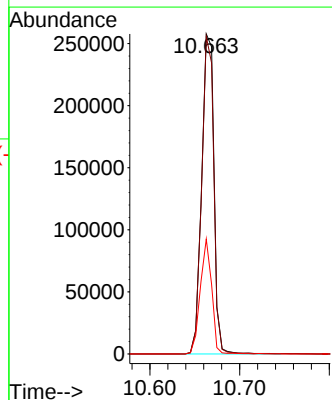
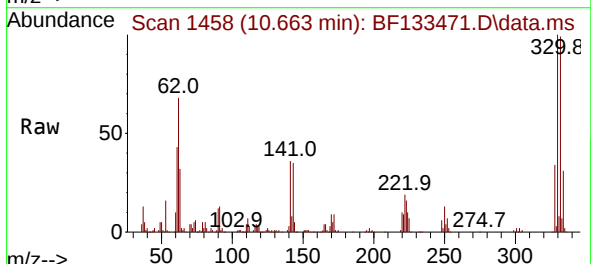
Instrument :
BNA_F
ClientSampleId :
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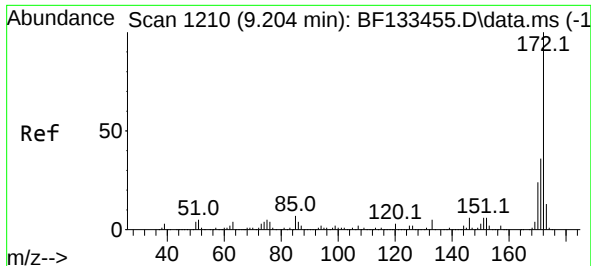
Tgt Ion:164 Resp: 184329
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.6
160 44.3 37.4 56.0



#42
2,4,6-Tribromophenol
Concen: 144.056 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion:330 Resp: 245292
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 33.3 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 77.330 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-33

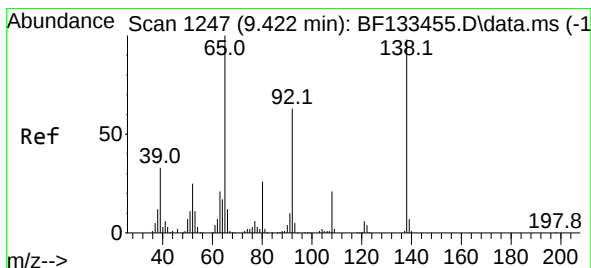
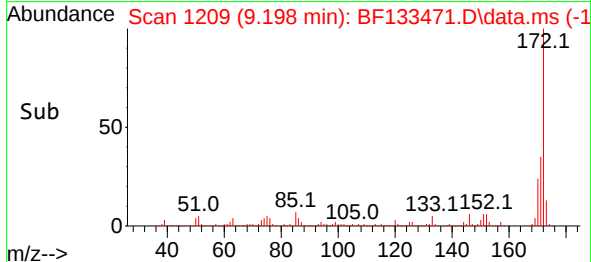
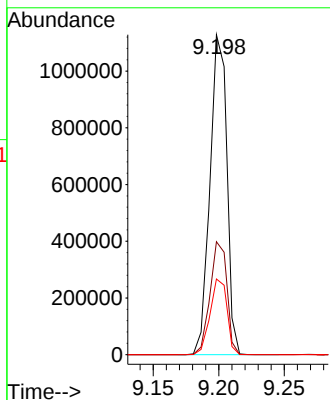
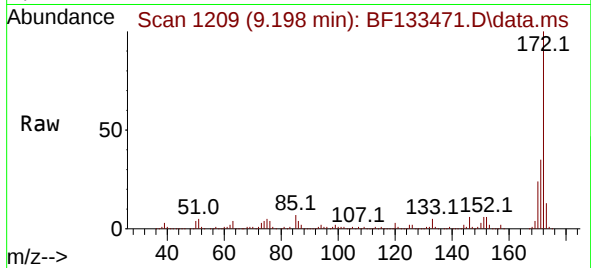
Tgt Ion:172 Resp: 1013146

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 5.987 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.224 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

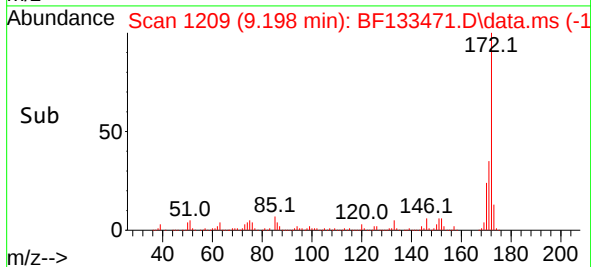
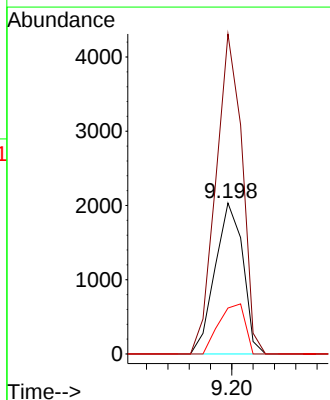
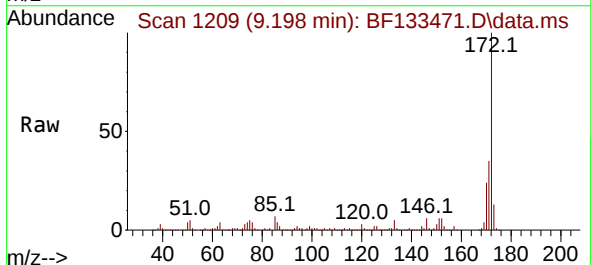
Tgt Ion: 65 Resp: 1849

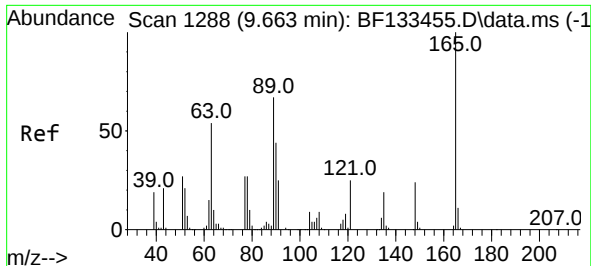
Ion Ratio Lower Upper

65 100

92 212.0 50.1 75.1#

138 30.4 78.6 118.0#

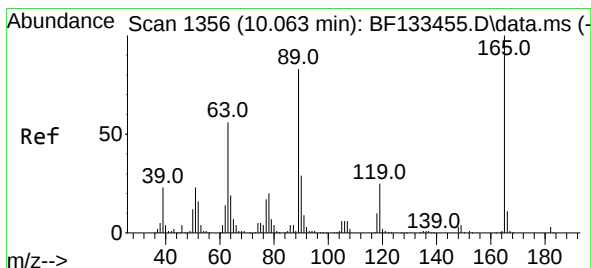
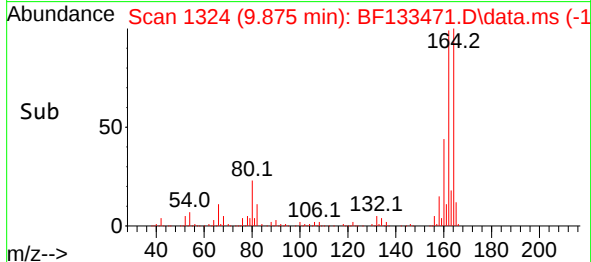
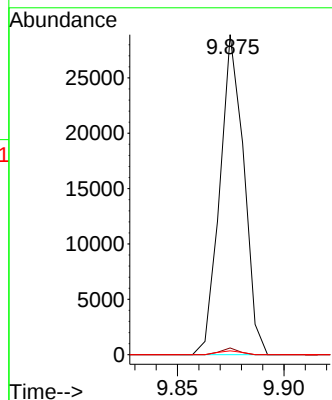
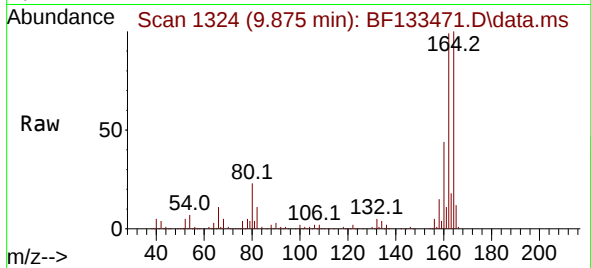




#51
2,6-Dinitrotoluene
Concen: 13.029 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

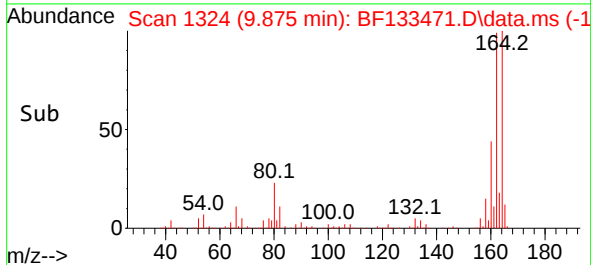
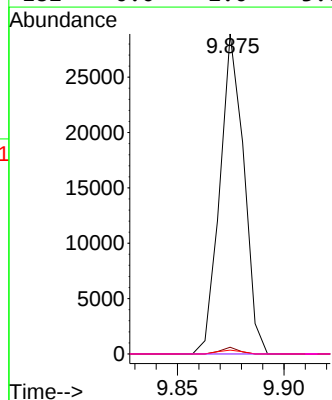
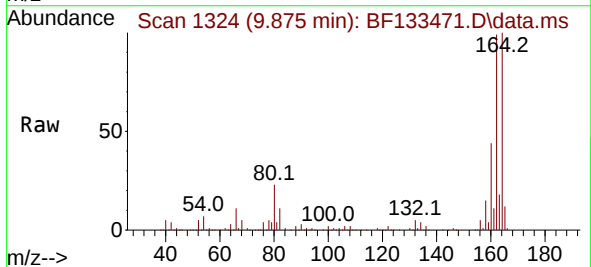
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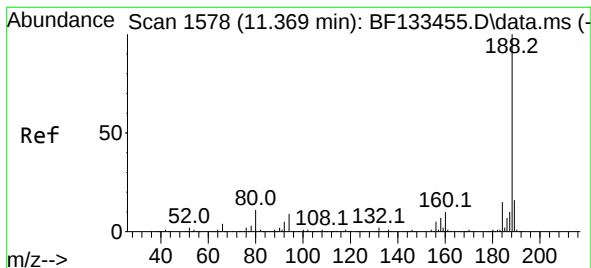
Tgt Ion:165 Resp: 22605
Ion Ratio Lower Upper
165 100
63 2.1 61.0 91.4#
89 1.2 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 12.403 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion:165 Resp: 22605
Ion Ratio Lower Upper
165 100
63 2.1 45.1 67.7#
89 1.2 66.7 100.1#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-33

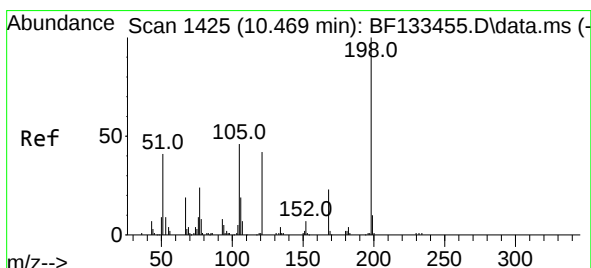
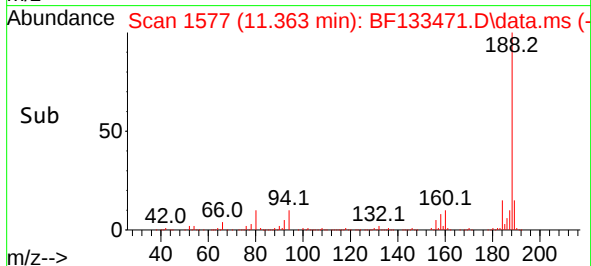
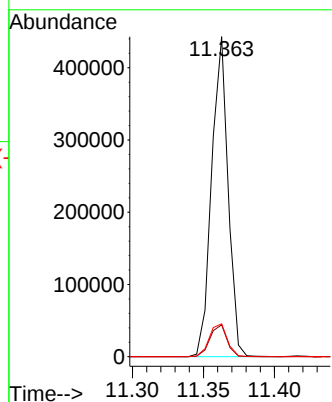
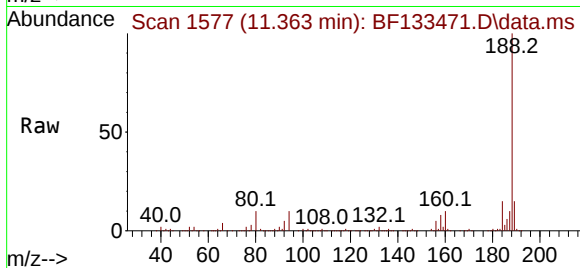
Tgt Ion:188 Resp: 357488

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.2 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.729 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.194 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

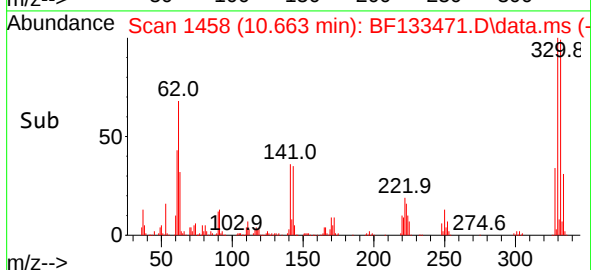
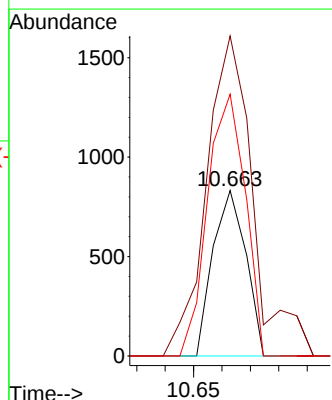
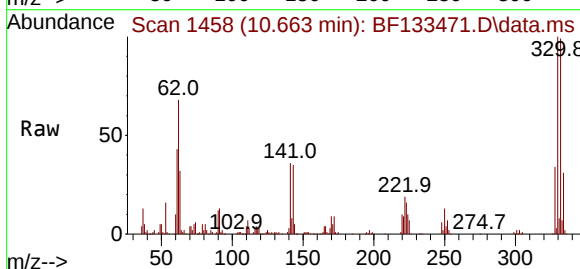
Tgt Ion:198 Resp: 668

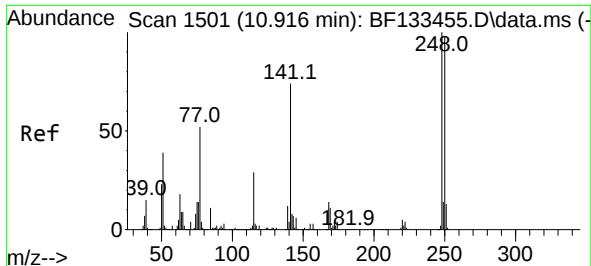
Ion Ratio Lower Upper

198 100

51 193.4 38.5 78.5#

105 158.2 29.6 69.6#

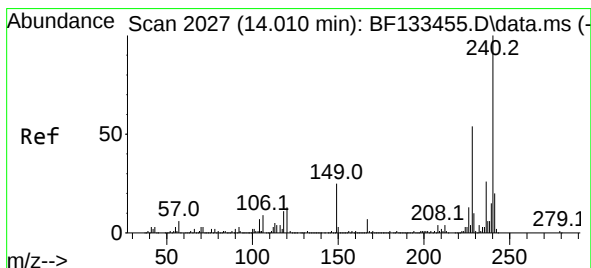
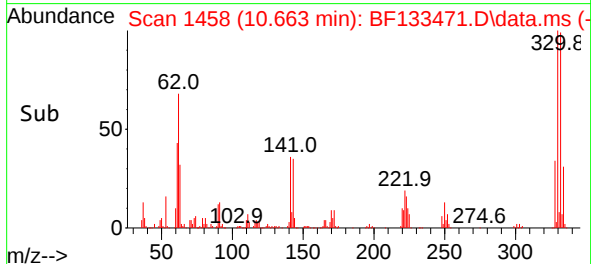
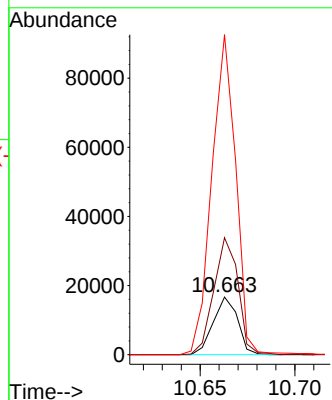
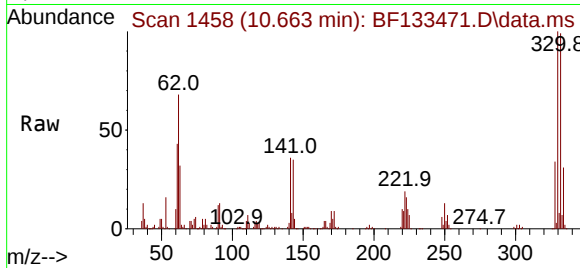




#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

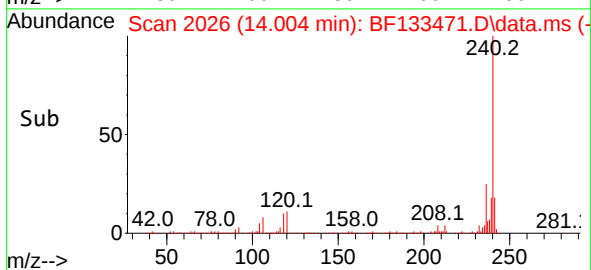
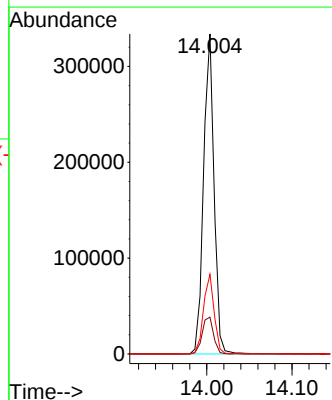
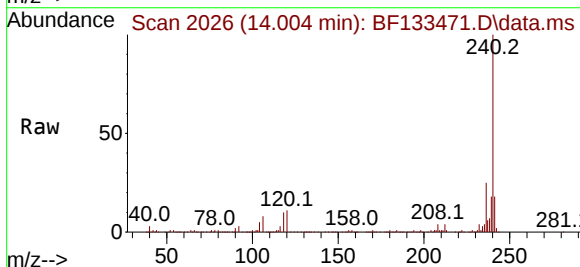
Instrument :
BNA_F
ClientSampleId :
TP-33

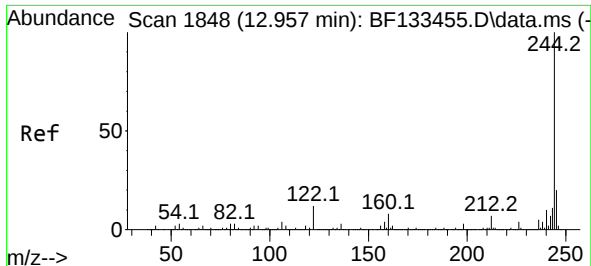
Tgt Ion:248 Resp: 14971
Ion Ratio Lower Upper
248 100
250 203.4 78.3 117.5#
141 556.2 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133471.D
Acq: 24 May 2023 15:23

Tgt Ion:240 Resp: 285567
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 24.9 20.9 31.3





#79

Terphenyl-d14

Concen: 83.069 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-33

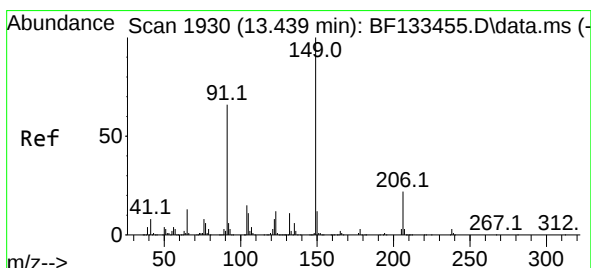
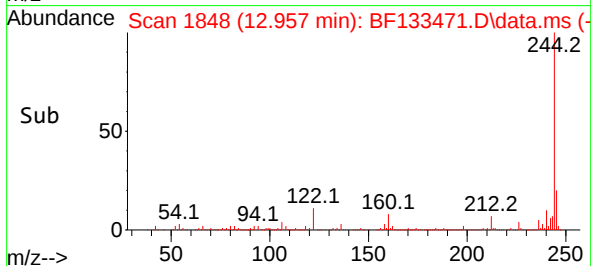
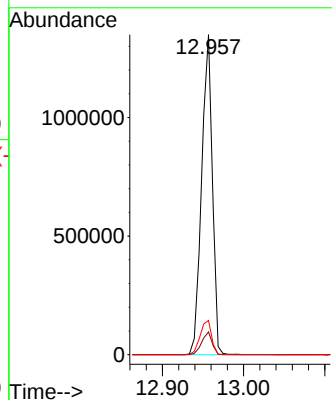
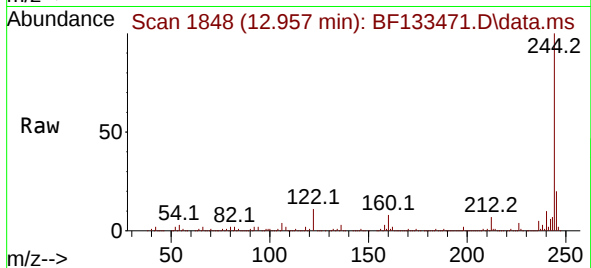
Tgt Ion:244 Resp: 1240738

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 9.4 14.0



#80

Butylbenzylphthalate

Concen: 3.454 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

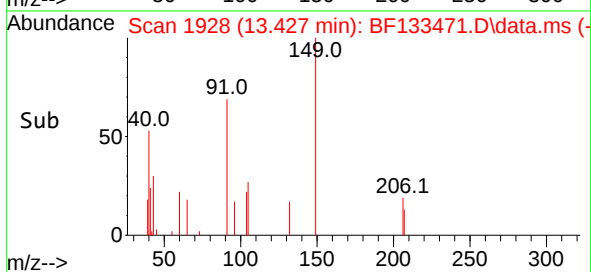
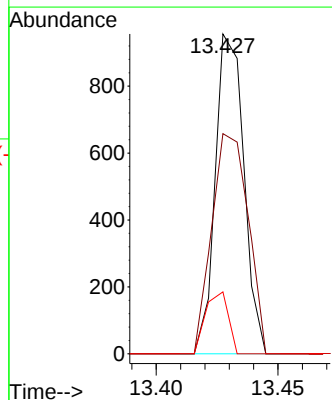
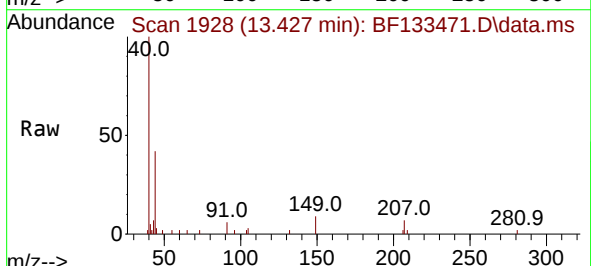
Tgt Ion:149 Resp: 779

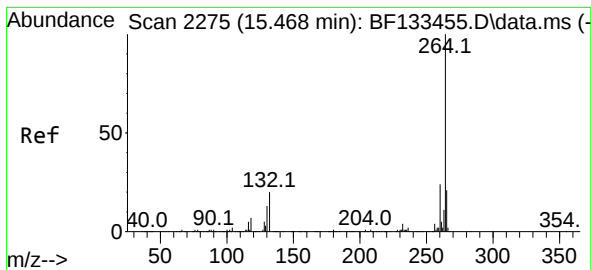
Ion Ratio Lower Upper

149 100

91 68.8 53.1 79.7

206 19.4 17.4 26.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA_F

ClientSampleId :

TP-33

Tgt Ion:264 Resp: 242446

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 20.7 17.0 25.4

