

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132896.D
 Acq On : 18 Apr 2023 10:59
 Operator : CG\JU
 Sample : PB152144BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152144BL

Quant Time: Apr 18 11:26:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

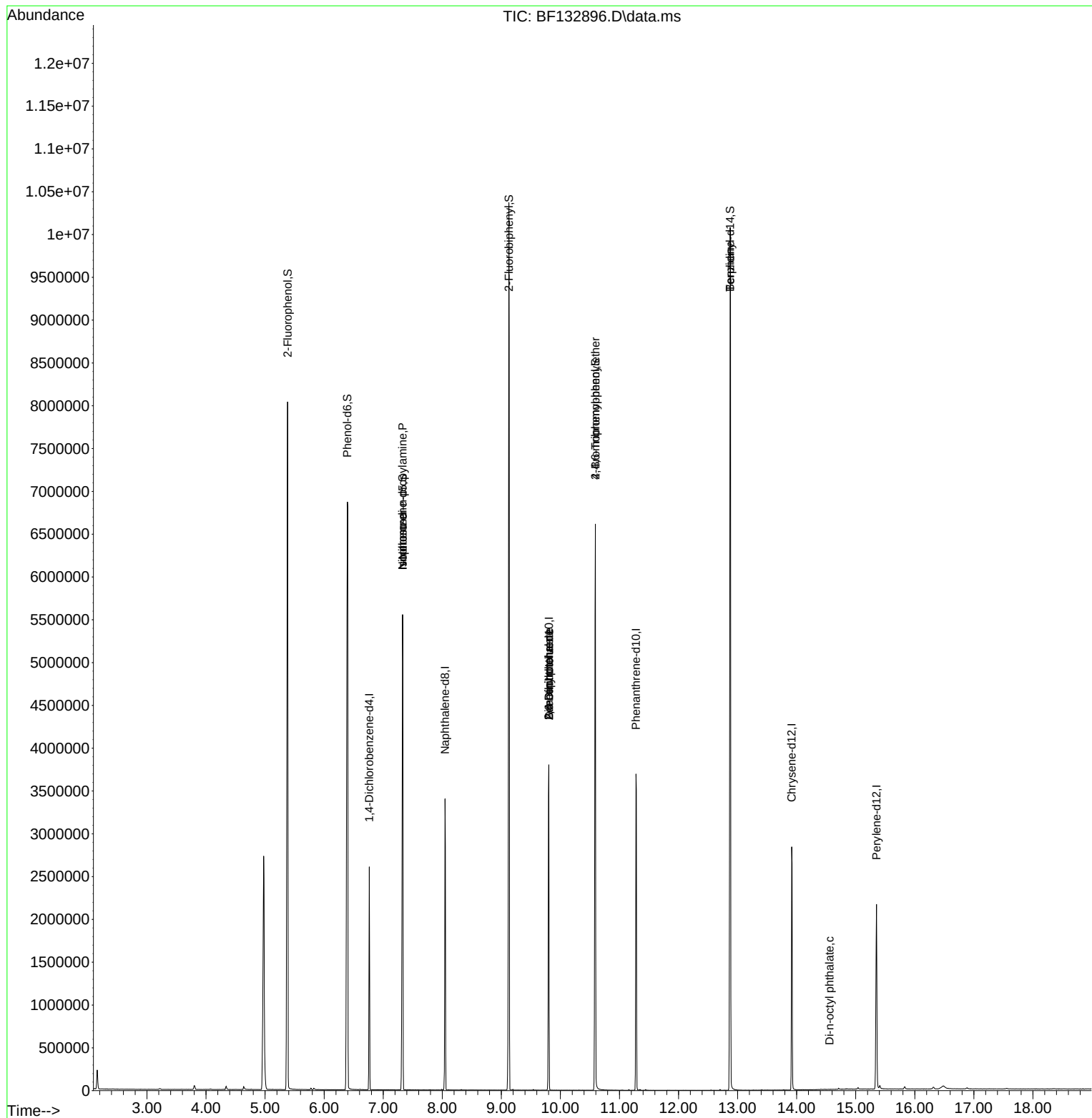
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	328605	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1380382	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	741394	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1360826	20.000	ng	0.00
76) Chrysene-d12	13.916	240	932659	20.000	ng	-0.01
86) Perylene-d12	15.351	264	871131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2540043	120.868	ng	0.02
7) Phenol-d6	6.393	99	3237061	120.714	ng	0.00
23) Nitrobenzene-d5	7.328	82	2051614	77.471	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	886710	119.242	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3364027	69.705	ng	0.00
79) Terphenyl-d14	12.874	244	4100915	75.016	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	271406	16.215	ng	# 79
25) Isophorone	7.328	82	2050288	40.816	ng	# 65
50) Dimethylphthalate	9.804	163	153731	2.999	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	98547	8.769	ng	# 27
57) 2,4-Dinitrotoluene	9.804	165	98547	7.105	ng	# 23
67) 4-Bromophenyl-phenylether	10.592	248	52894	3.404	ng	# 1
77) Benzidine	12.874	184	47608	3.277	ng	# 89
85) Di-n-octyl phthalate	14.557	149	61	6.384	ng	# 1

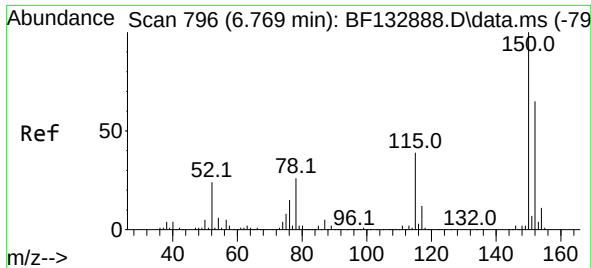
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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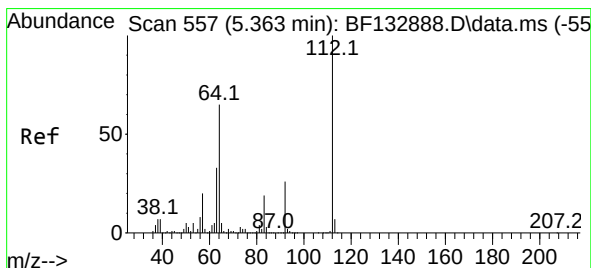
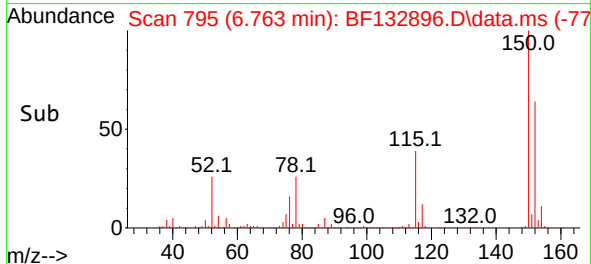
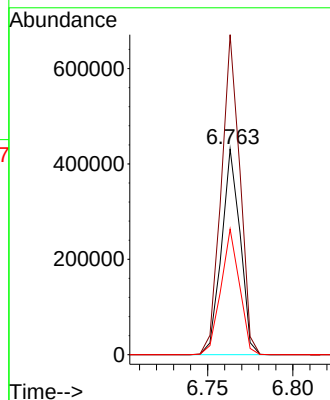
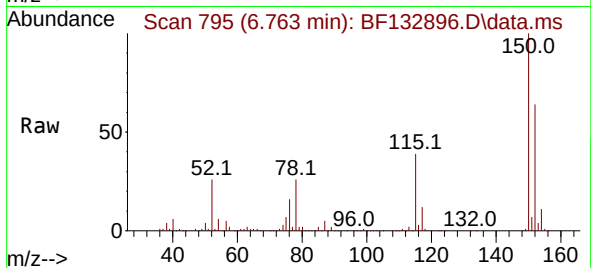




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

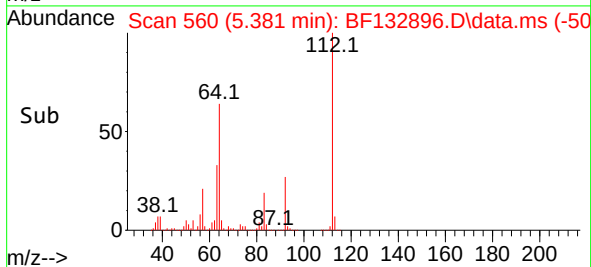
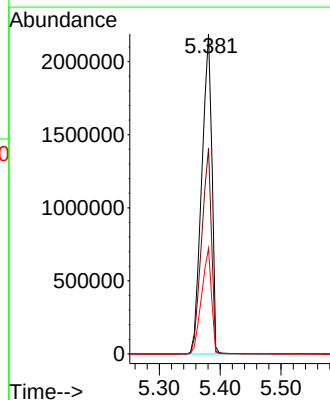
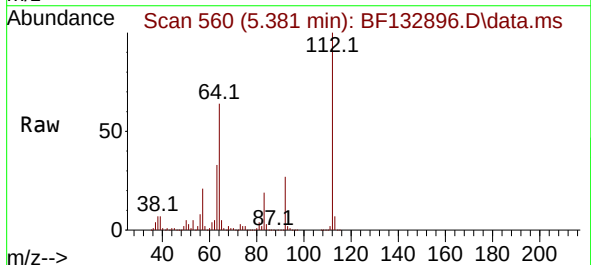
Instrument :
BNA_F
ClientSampleId :
PB152144BL

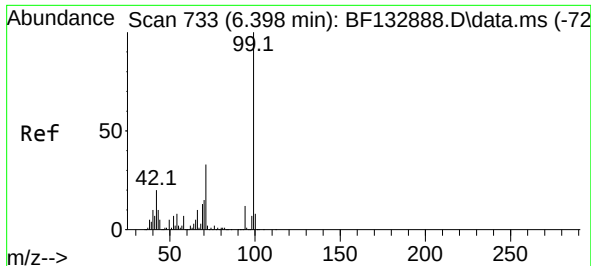
Tgt Ion:152 Resp: 328605
Ion Ratio Lower Upper
152 100
150 155.5 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 120.868 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:112 Resp: 2540043
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.8
63 33.0 26.3 39.5

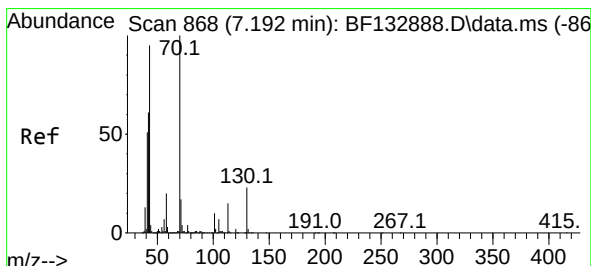
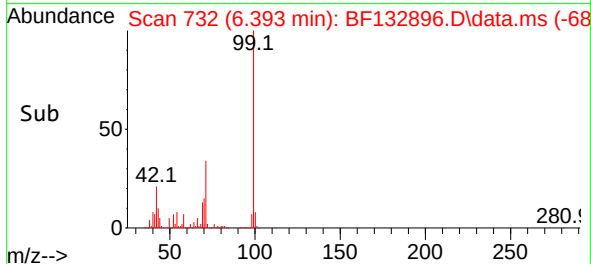
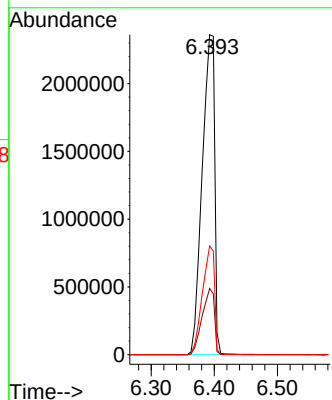
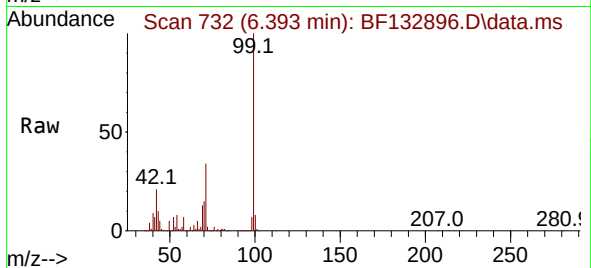




#7
Phenol-d6
Concen: 120.714 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

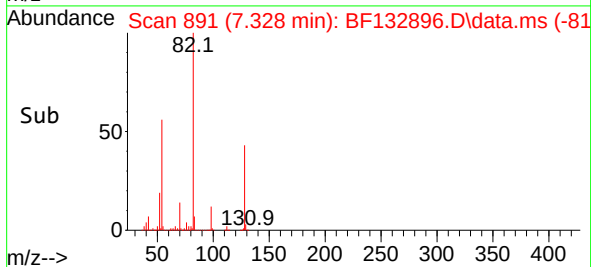
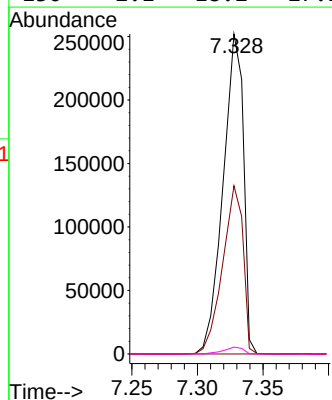
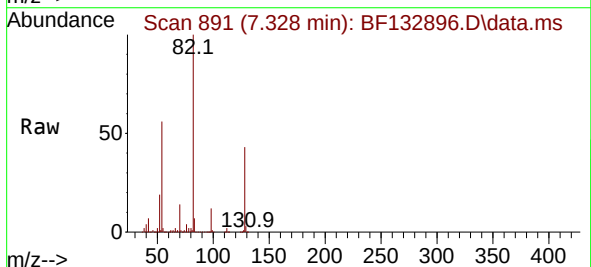
Instrument :
BNA_F
ClientSampleId :
PB152144BL

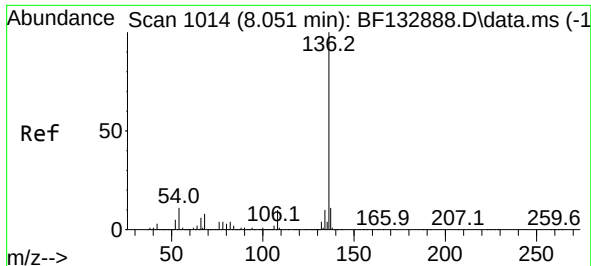
Tgt Ion: 99 Resp: 3237061
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.9 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.215 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion: 70 Resp: 271406
Ion Ratio Lower Upper
70 100
42 52.5 49.0 73.6
101 0.0 8.1 12.1#
130 2.1 18.2 27.2#



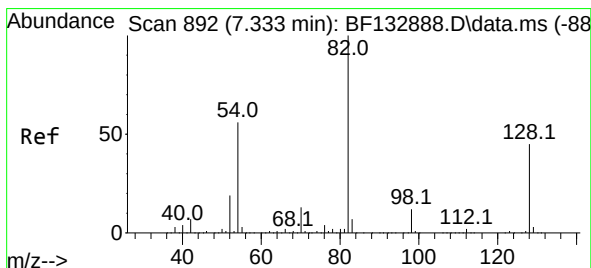
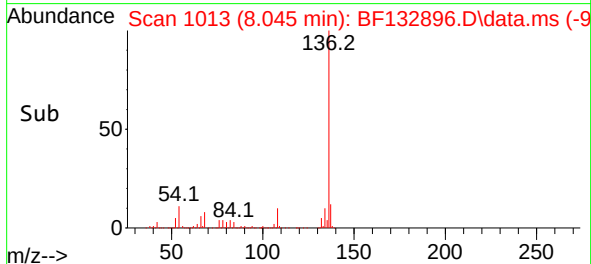
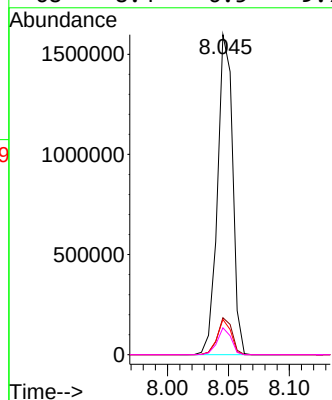
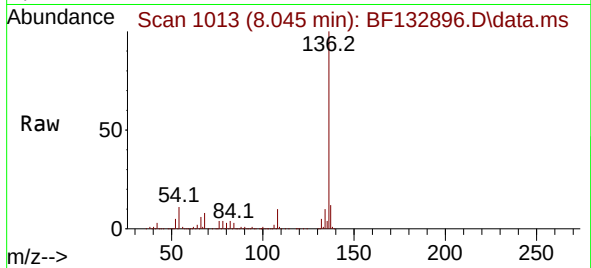


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Instrument :
BNA_F
ClientSampleId :
PB152144BL

Tgt Ion:136 Resp: 1380382

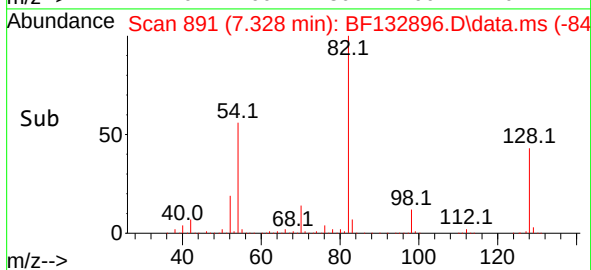
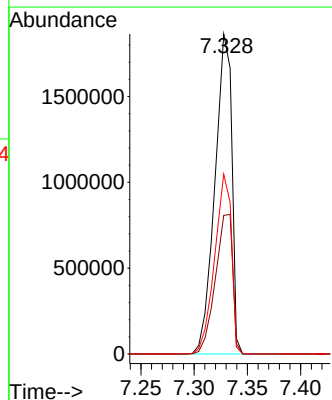
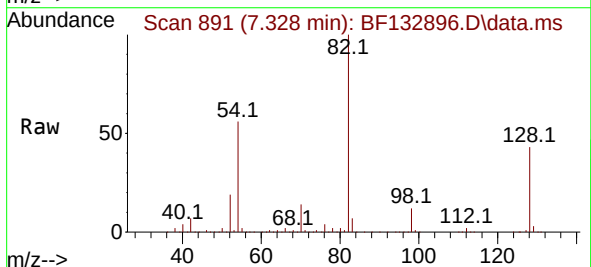
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	11.0	8.9	13.3
68	8.4	6.5	9.7

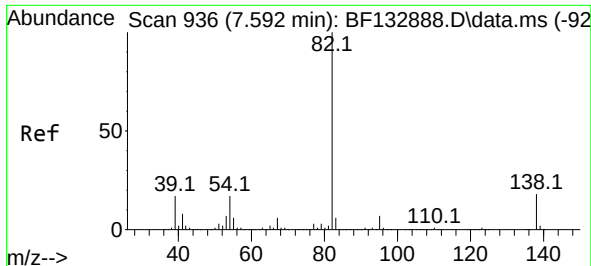


#23
Nitrobenzene-d5
Concen: 77.471 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion: 82 Resp: 2051614

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	56.2	44.7	67.1

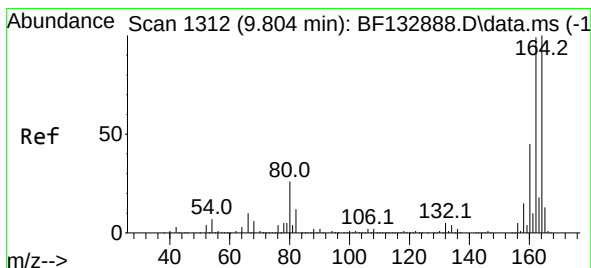
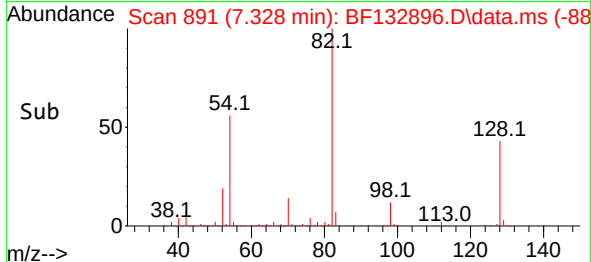
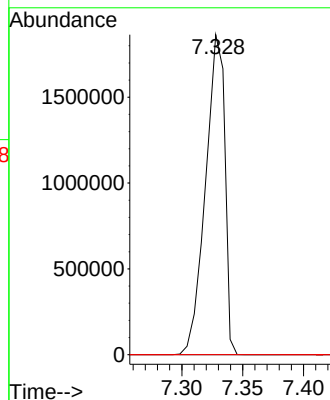
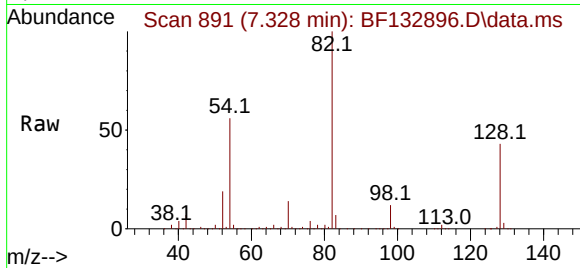




#25
Isophorone
Concen: 40.816 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

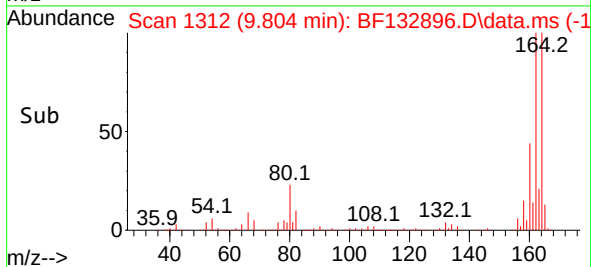
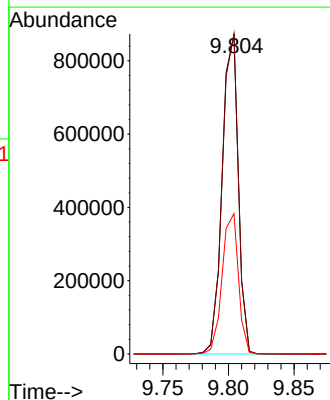
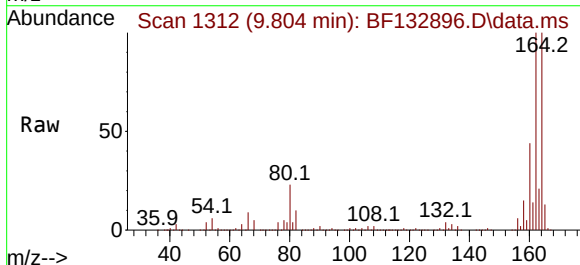
Instrument :
BNA_F
ClientSampleId :
PB152144BL

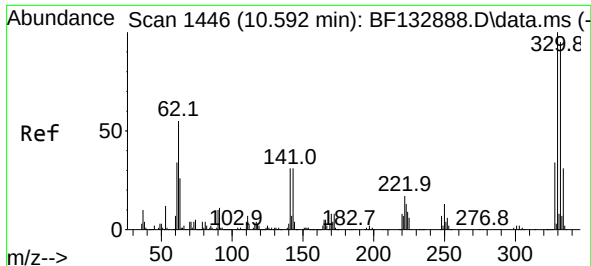
Tgt Ion: 82 Resp: 2050288
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:164 Resp: 741394
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.1 35.6 53.4

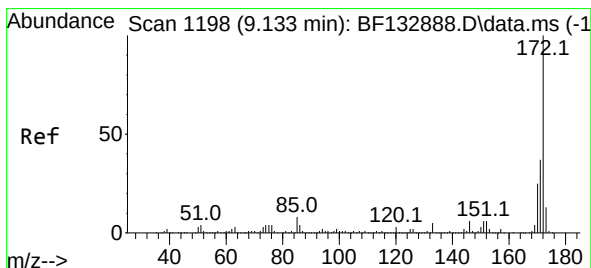
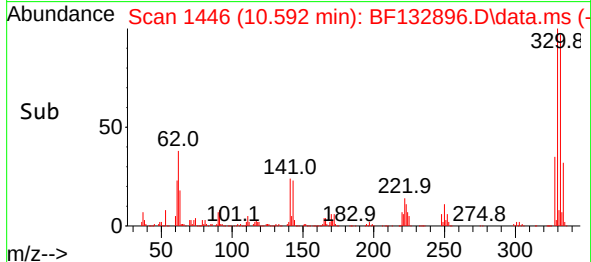
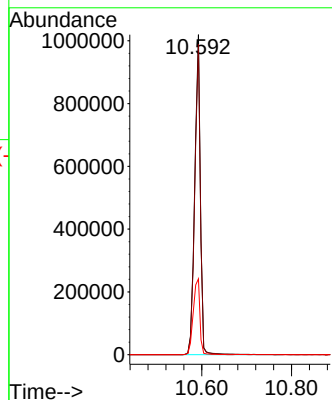
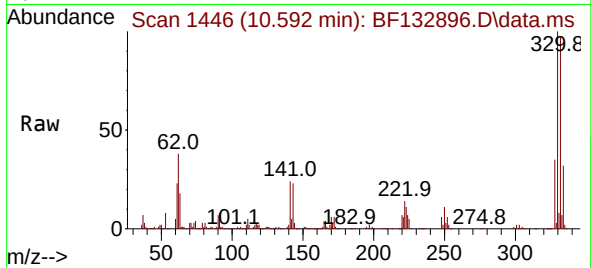




#42
2,4,6-Tribromophenol
Concen: 119.242 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

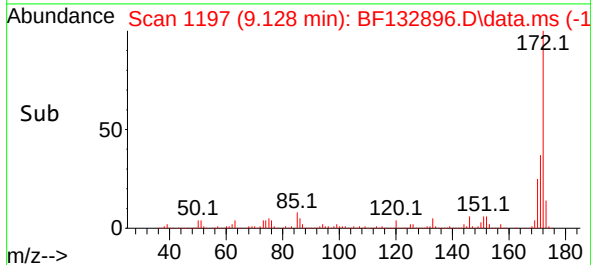
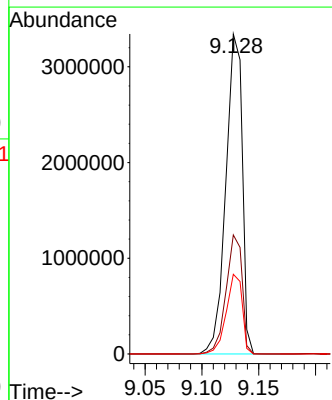
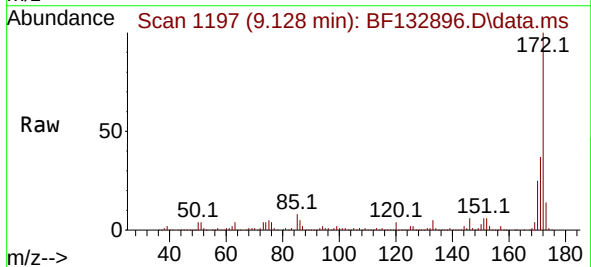
Instrument :
BNA_F
ClientSampleId :
PB152144BL

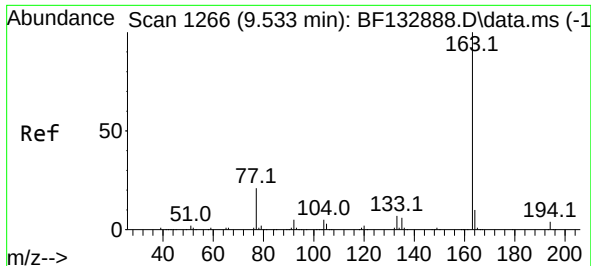
Tgt Ion:330 Resp: 886710
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 27.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.705 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:172 Resp: 3364027
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.9 20.1 30.1

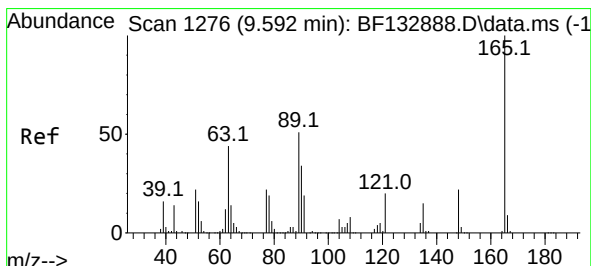
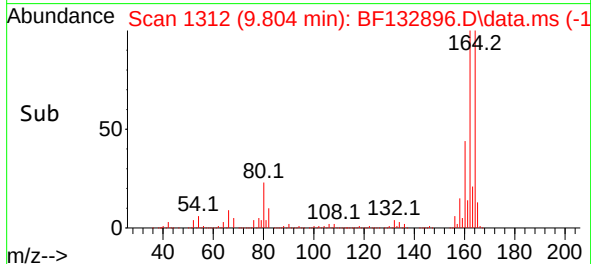
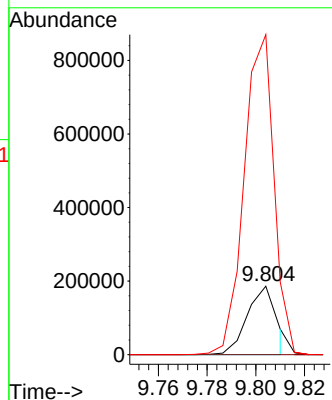
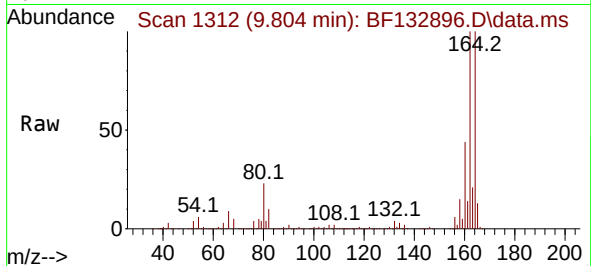




#50
Dimethylphthalate
Concen: 2.999 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

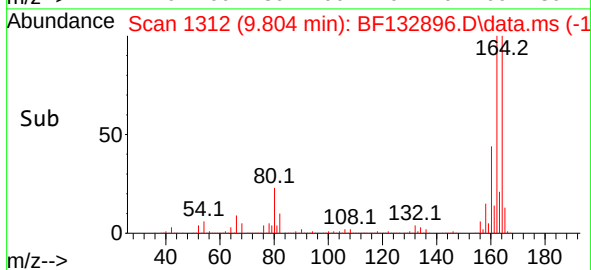
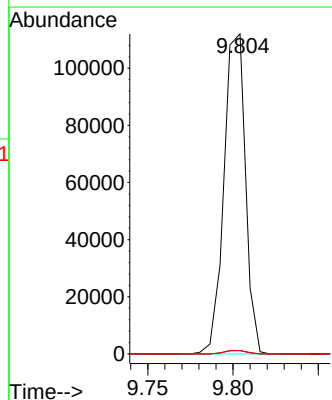
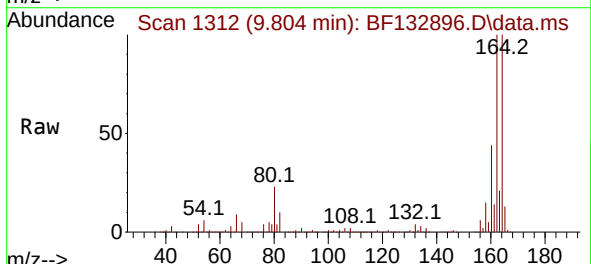
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BNA_F
ClientSampleId :
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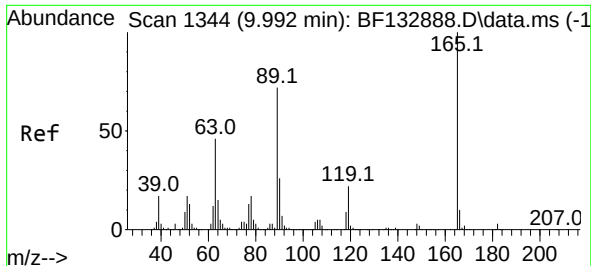
Tgt Ion:163 Resp: 153731
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 467.4 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.769 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:165 Resp: 98547
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 41.0 61.4#

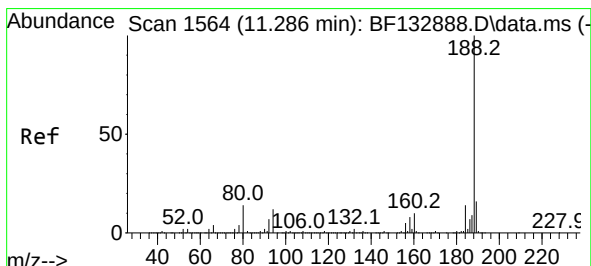
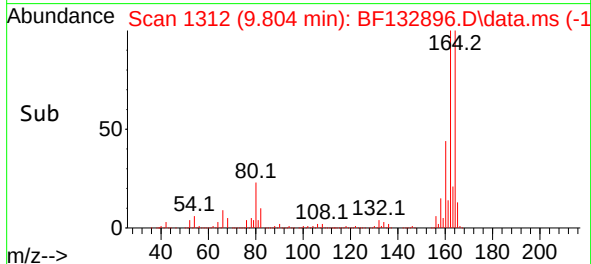
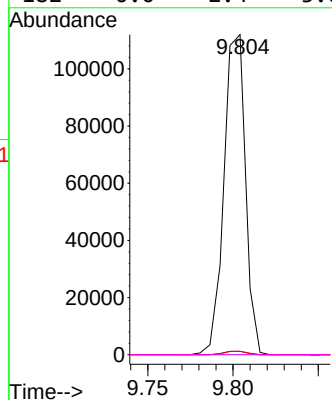
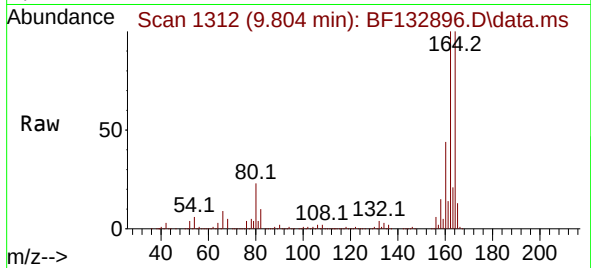




#57
2,4-Dinitrotoluene
Concen: 7.105 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

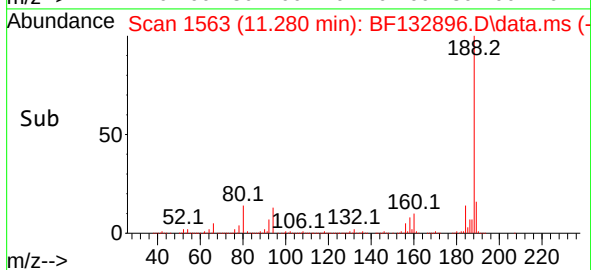
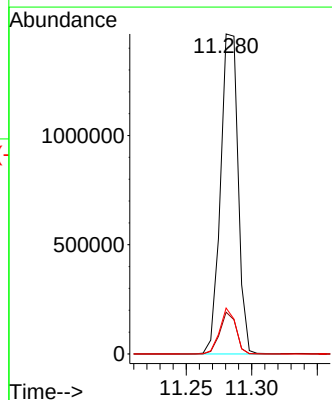
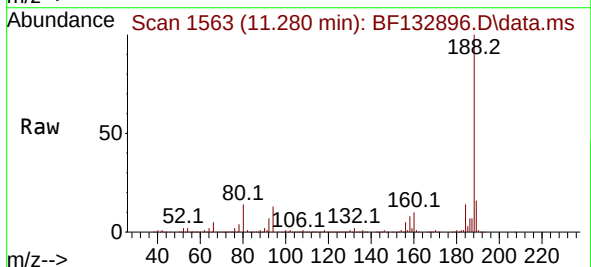
Instrument :
BNA_F
ClientSampleId :
PB152144BL

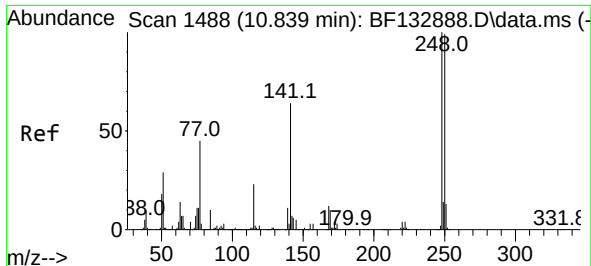
Tgt Ion:165 Resp: 98547
Ion Ratio Lower Upper
165 100
63 1.0 37.0 55.6#
89 1.0 57.8 86.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:188 Resp: 1360826
Ion Ratio Lower Upper
188 100
94 13.1 9.9 14.9
80 14.3 10.8 16.2

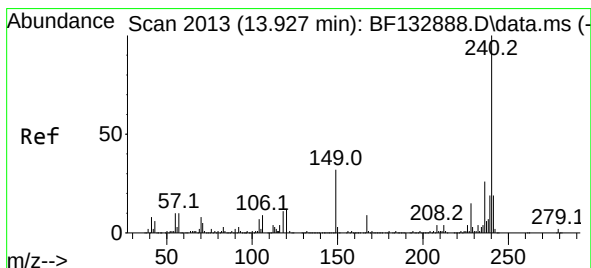
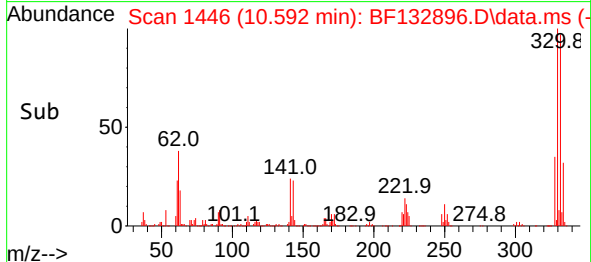
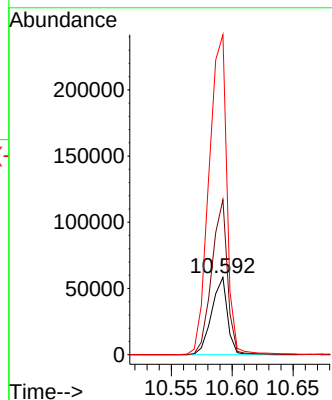
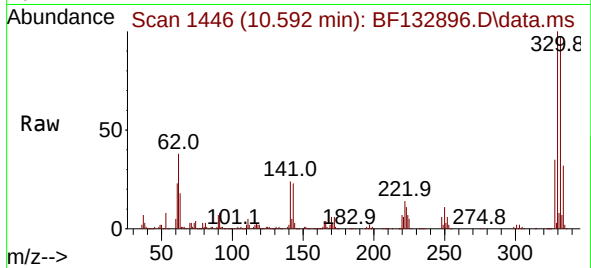




#67
4-Bromophenyl-phenylether
Concen: 3.404 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

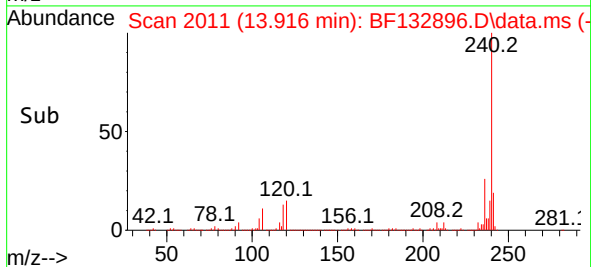
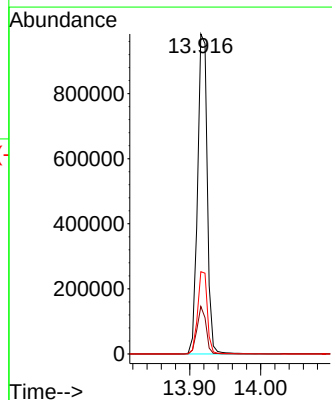
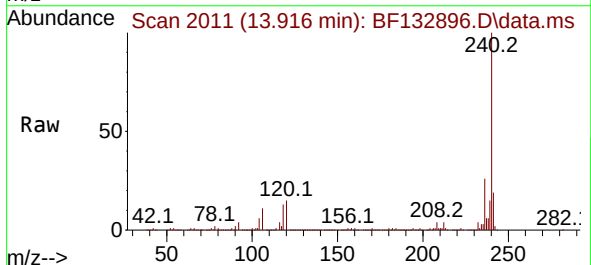
Instrument :
BNA_F
ClientSampleId :
PB152144BL

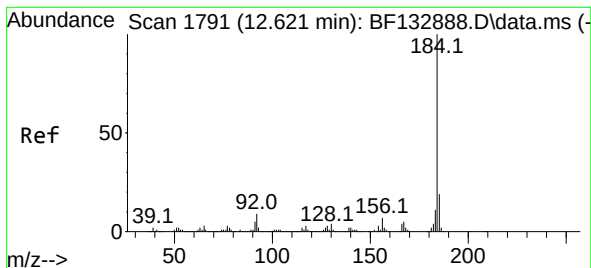
Tgt Ion:248 Resp: 52894
Ion Ratio Lower Upper
248 100
250 200.6 79.1 118.7#
141 414.1 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132896.D
Acq: 18 Apr 2023 10:59

Tgt Ion:240 Resp: 932659
Ion Ratio Lower Upper
240 100
120 14.9 10.0 15.0
236 25.7 20.8 31.2





#77

Benzidine

Concen: 3.277 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.253 min

Lab File: BF132896.D

Acq: 18 Apr 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB152144BL

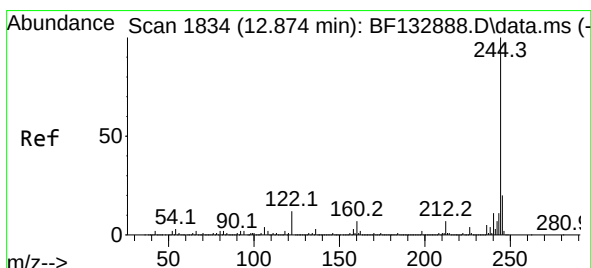
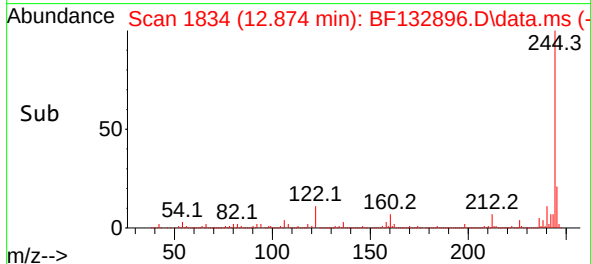
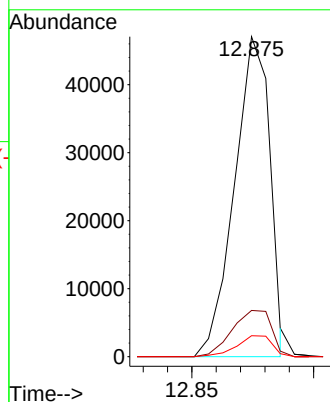
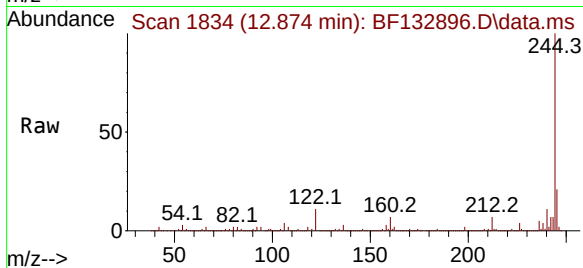
Tgt Ion:184 Resp: 47608

Ion Ratio Lower Upper

184 100

185 14.4 14.9 22.3#

183 6.5 9.0 13.6#



#79

Terphenyl-d14

Concen: 75.016 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132896.D

Acq: 18 Apr 2023 10:59

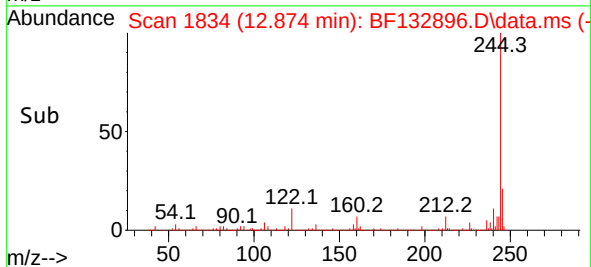
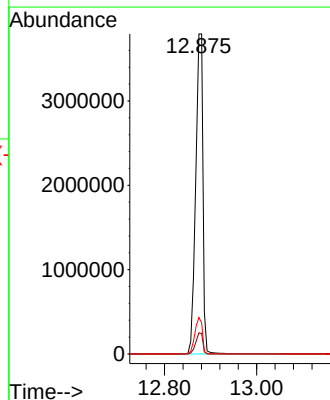
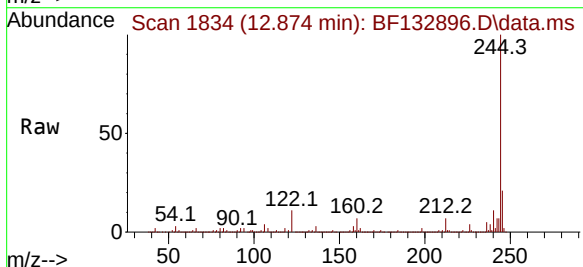
Tgt Ion:244 Resp: 4100915

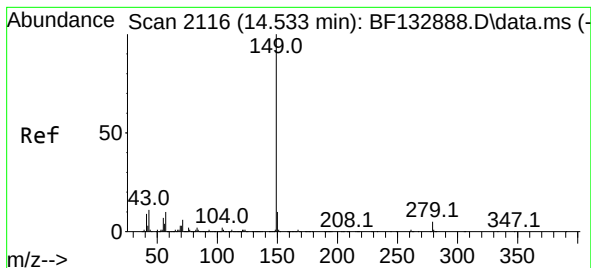
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.4 9.6 14.4





#85

Di-n-octyl phthalate

Concen: 6.384 ng

RT: 14.557 min Scan# 2116

Delta R.T. 0.024 min

Lab File: BF132896.D

Acq: 18 Apr 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB152144BL

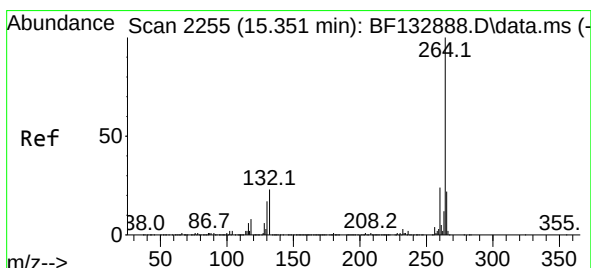
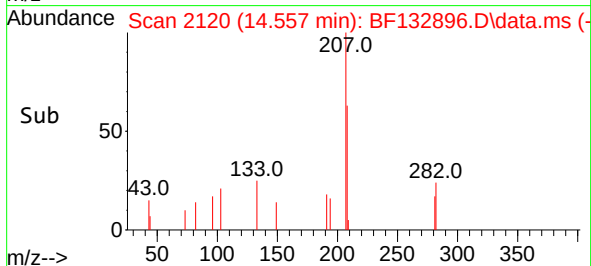
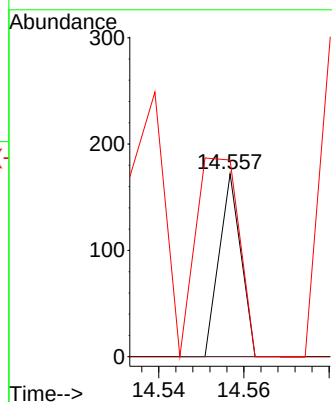
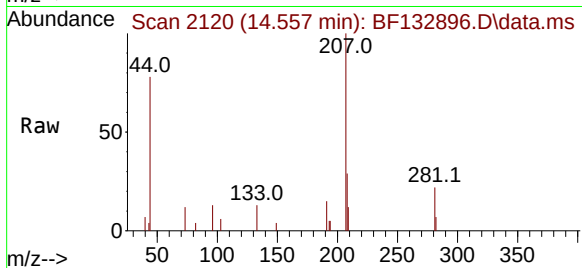
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 214.8 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132896.D

Acq: 18 Apr 2023 10:59

Tgt Ion:264 Resp: 871131

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.3 17.7 26.5

