

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132900.D
 Acq On : 18 Apr 2023 13:44
 Operator : CG\JU
 Sample : PB152177BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152177BL

Quant Time: Apr 18 14:19:25 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)

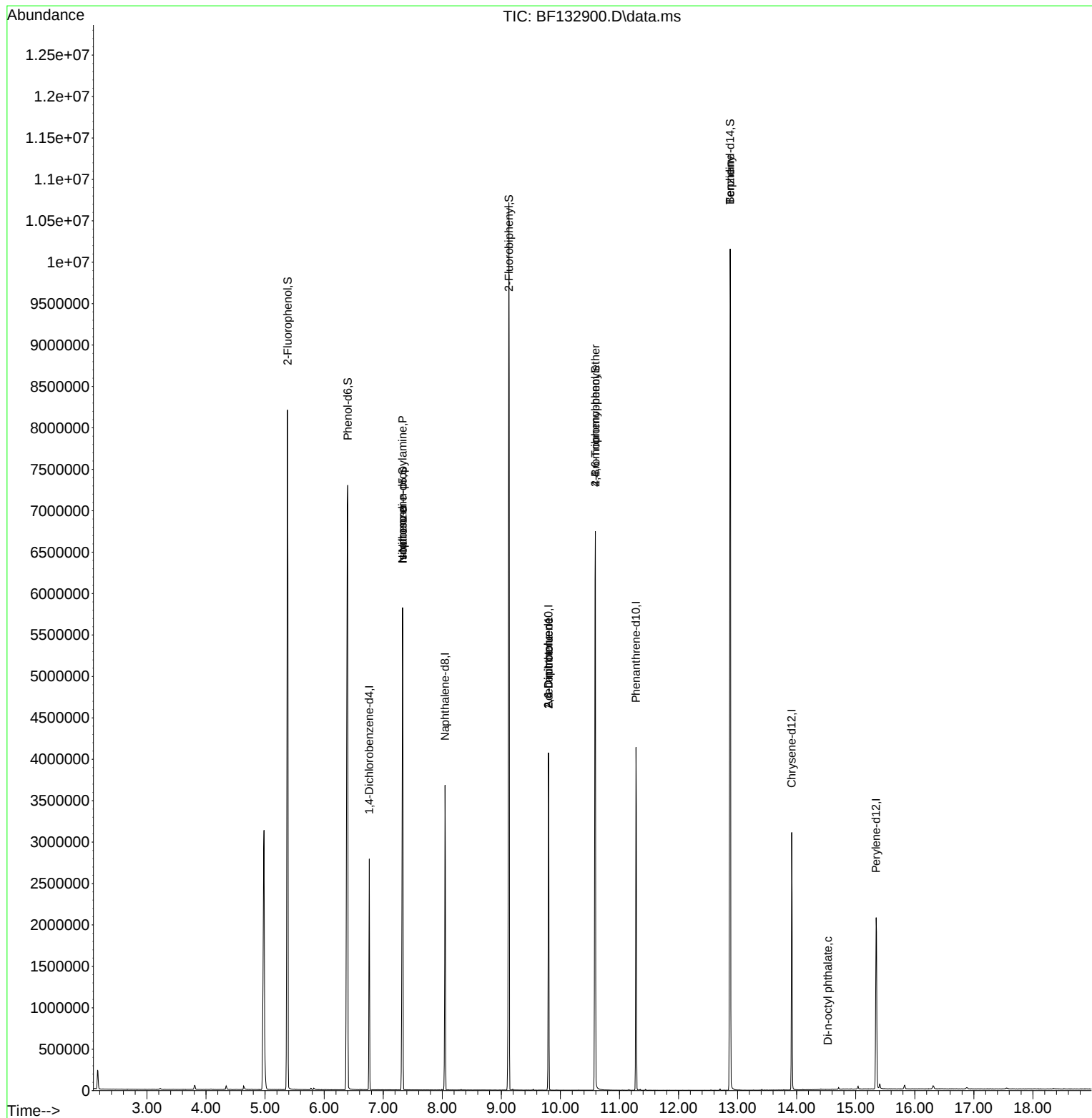
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	350231	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1466428	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	791302	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	1439968	20.000	ng	0.00
76) Chrysene-d12	13.916	240	967104	20.000	ng	#-0.01
86) Perylene-d12	15.345	264	871345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2709569	120.974	ng	0.02
7) Phenol-d6	6.398	99	3432728	120.106	ng	0.00
23) Nitrobenzene-d5	7.328	82	2161205	76.821	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	965907	121.700	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3589600	69.688	ng	0.00
79) Terphenyl-d14	12.875	244	4348679	76.715	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	288172	16.153	ng	# 79
25) Isophorone	7.328	82	2157159	40.424	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	102448	8.541	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	102448	6.920	ng	# 23
67) 4-Bromophenyl-phenylether	10.592	248	56648	3.445	ng	# 1
77) Benzidine	12.875	184	49477	3.284	ng	# 93
85) Di-n-octyl phthalate	14.527	149	57	6.384	ng	# 68

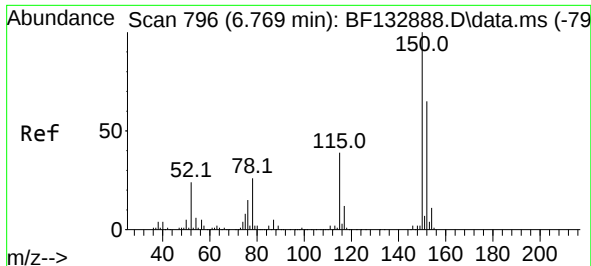
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
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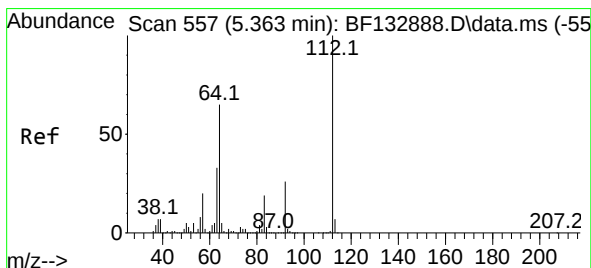
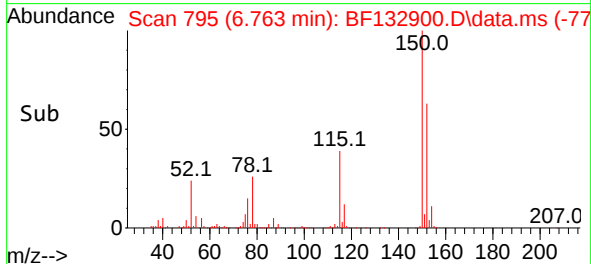
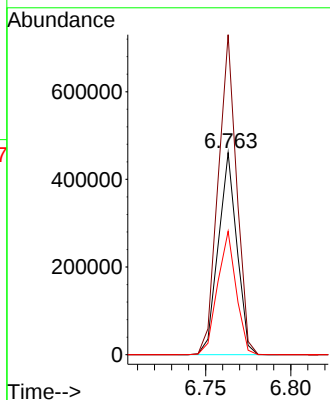
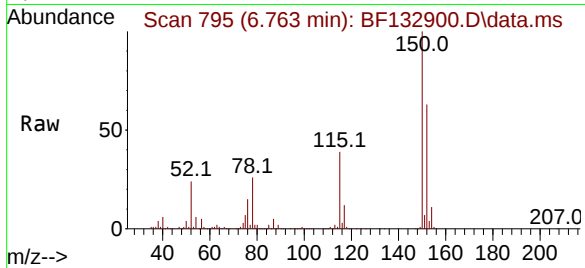




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

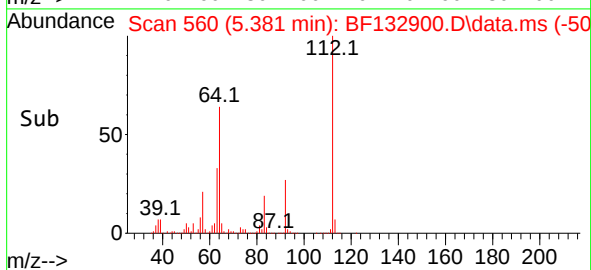
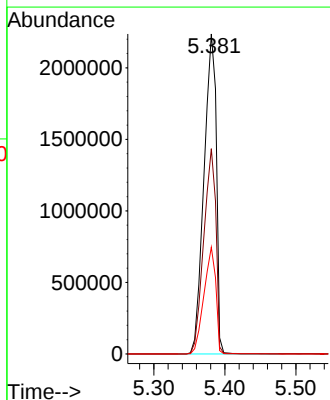
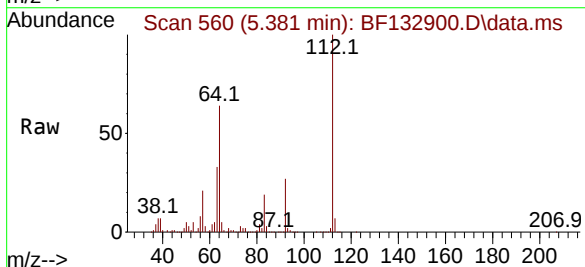
Instrument :
BNA_F
ClientSampleId :
PB152177BL

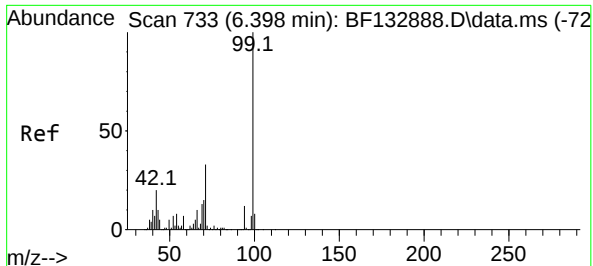
Tgt Ion:152 Resp: 350231
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 61.1 47.3 70.9



#5
2-Fluorophenol
Concen: 120.974 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Tgt Ion:112 Resp: 2709569
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.8
63 33.4 26.3 39.5

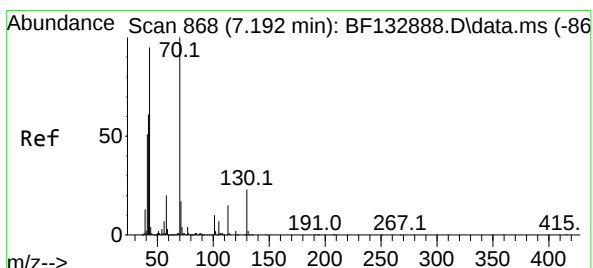
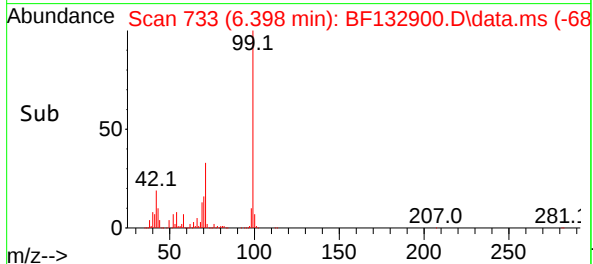
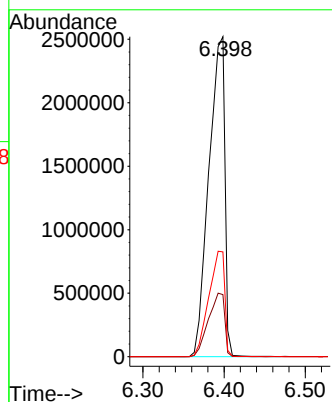
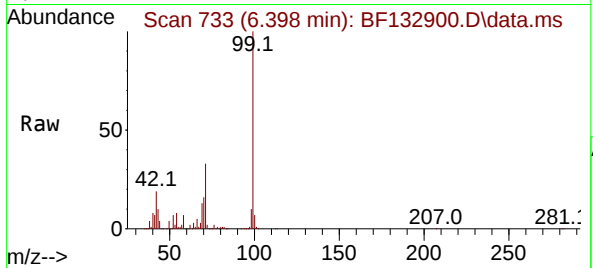




#7
Phenol-d6
Concen: 120.106 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

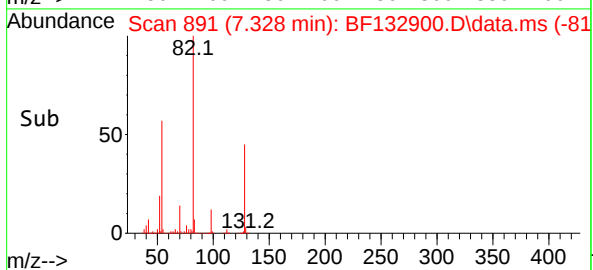
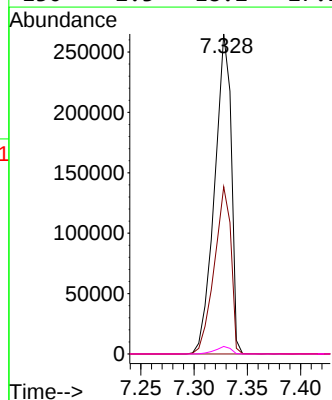
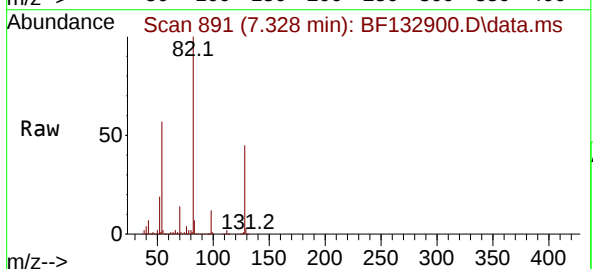
Instrument :
BNA_F
ClientSampleId :
PB152177BL

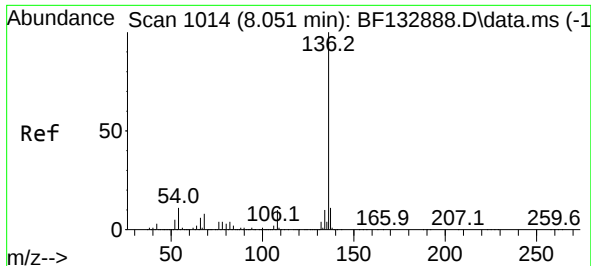
Tgt Ion: 99 Resp: 3432728
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.7 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.153 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.136 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Tgt Ion: 70 Resp: 288172
Ion Ratio Lower Upper
70 100
42 52.3 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#



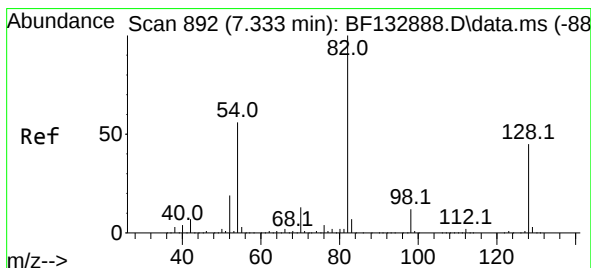
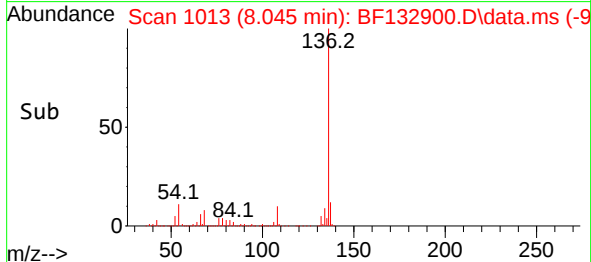
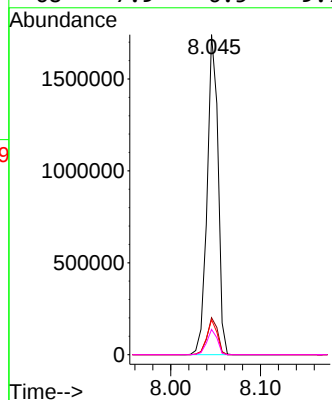
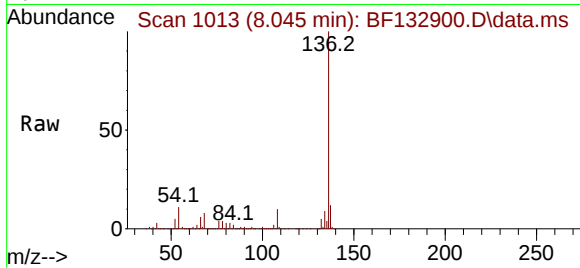


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Instrument :
BNA_F
ClientSampleId :
PB152177BL

Tgt Ion:136 Resp: 1466428

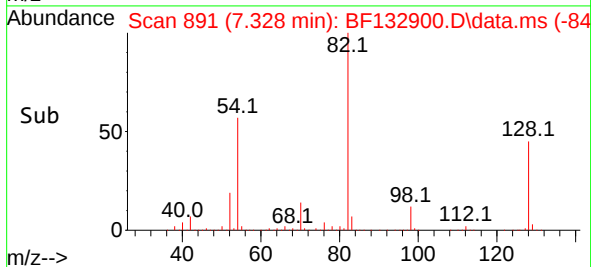
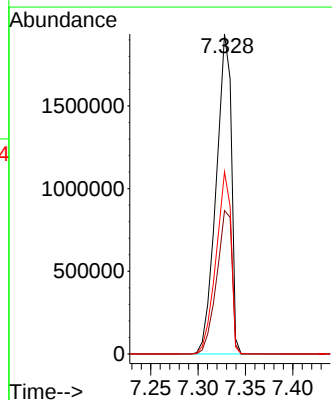
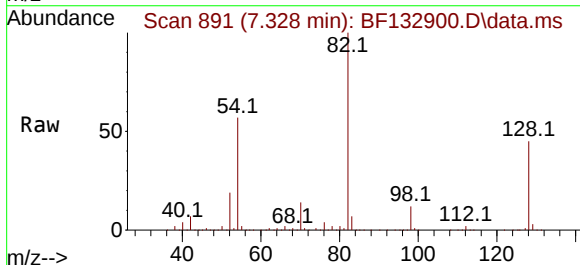
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.9	8.9	13.3
68	7.9	6.5	9.7

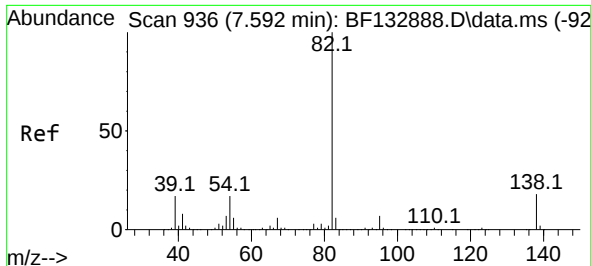


#23
Nitrobenzene-d5
Concen: 76.821 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Tgt Ion: 82 Resp: 2161205

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	57.0	44.7	67.1

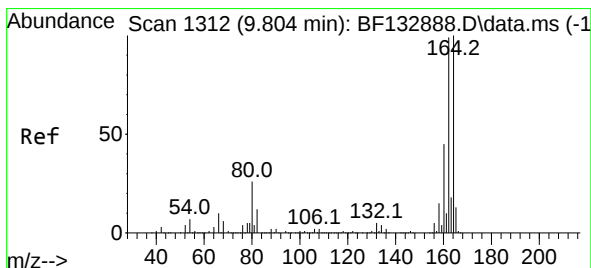
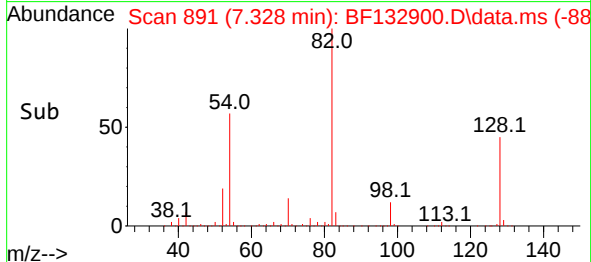
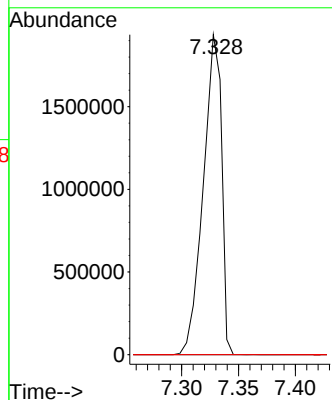
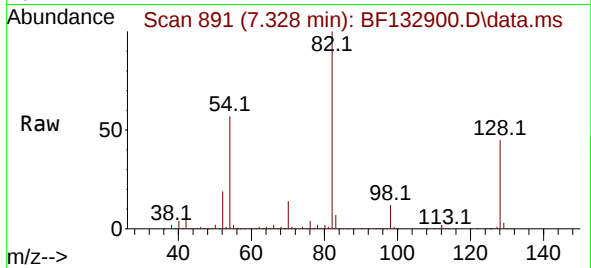




#25
Isophorone
Concen: 40.424 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

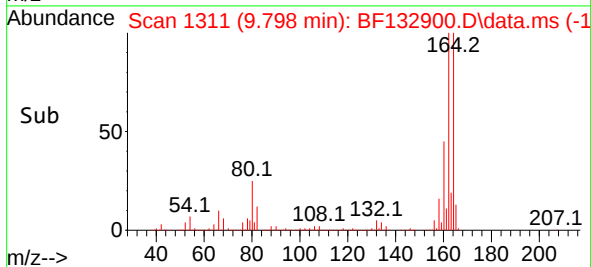
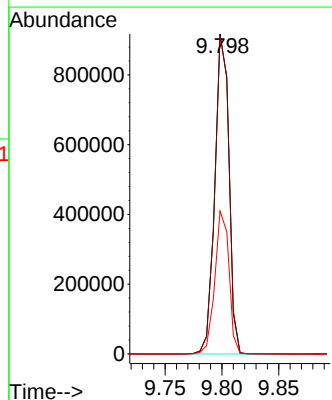
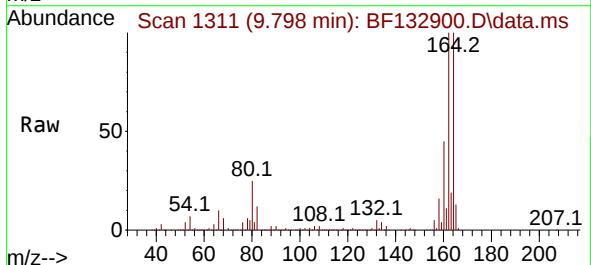
Instrument :
BNA_F
ClientSampleId :
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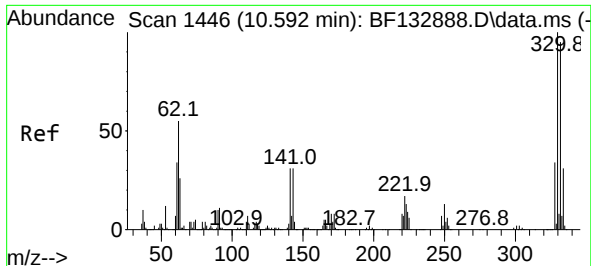
Tgt Ion: 82 Resp: 2157159
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

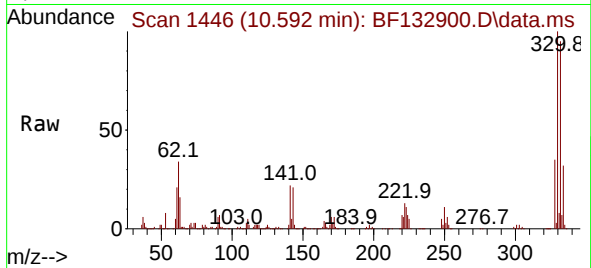
Tgt Ion:164 Resp: 791302
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.7 35.6 53.4



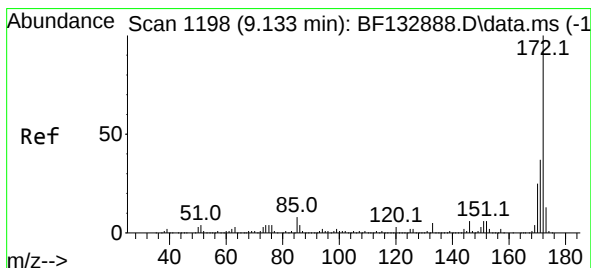
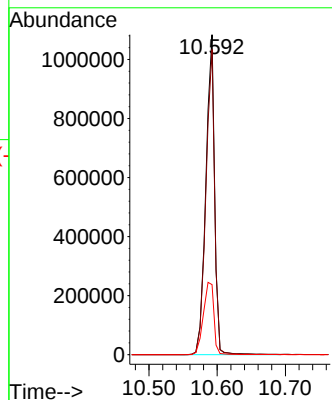
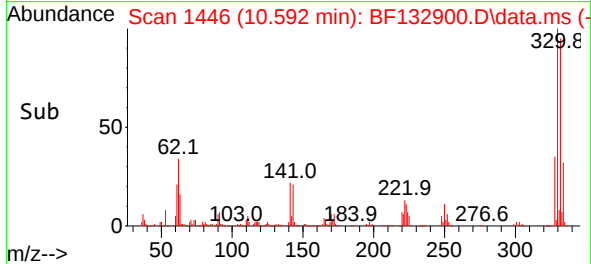


#42
 2,4,6-Tribromophenol
 Concen: 121.700 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BF132900.D
 Acq: 18 Apr 2023 13:44

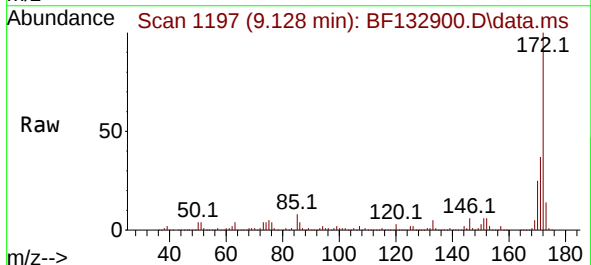
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 ClientSampleId :
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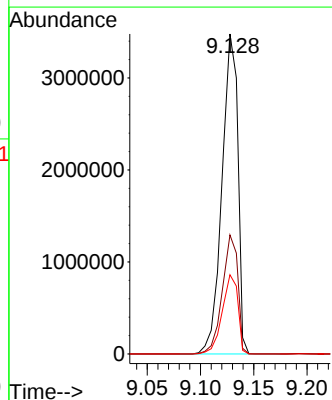
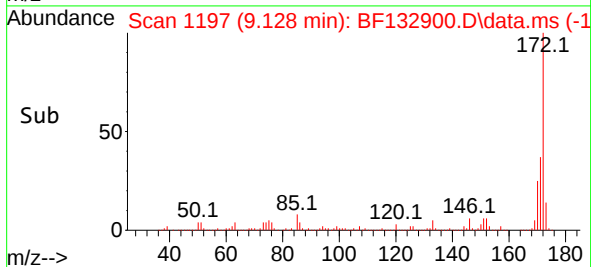
Tgt Ion:330 Resp: 965907
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.3 114.5
 141 27.4 23.9 35.9

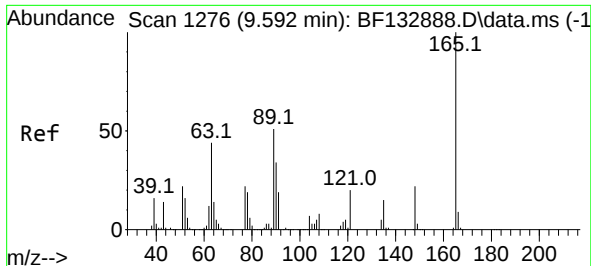


#45
 2-Fluorobiphenyl
 Concen: 69.688 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF132900.D
 Acq: 18 Apr 2023 13:44



Tgt Ion:172 Resp: 3589600
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 24.8 20.1 30.1

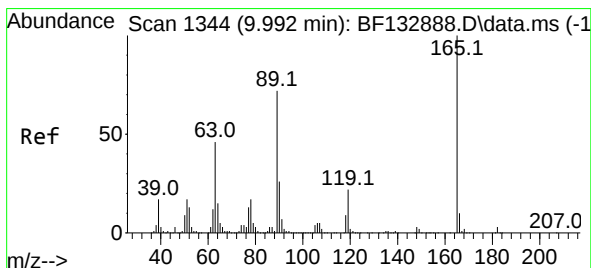
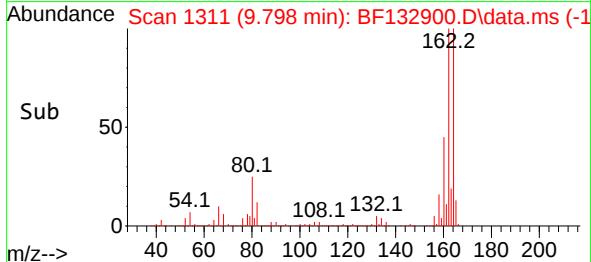
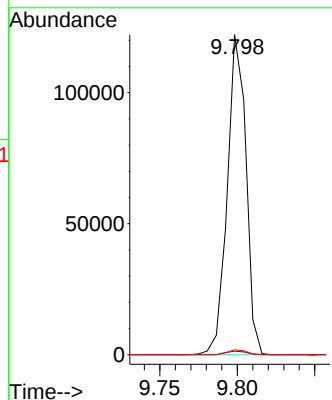
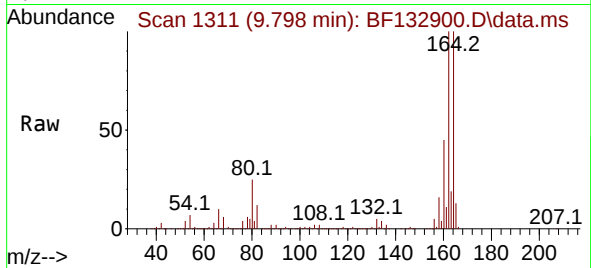




#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

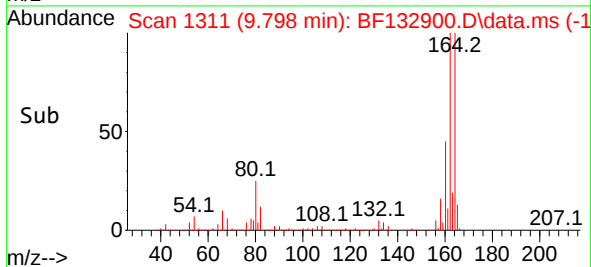
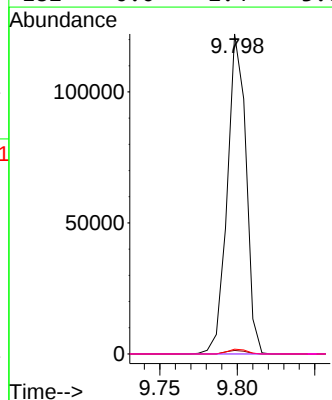
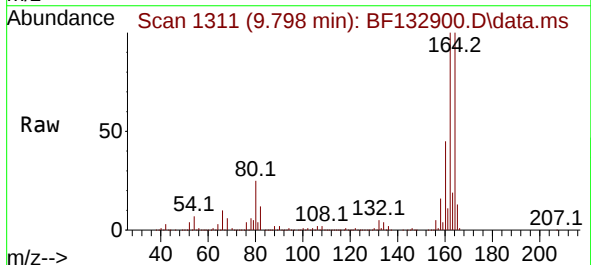
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BNA_F
ClientSampleId :
PB152177BL

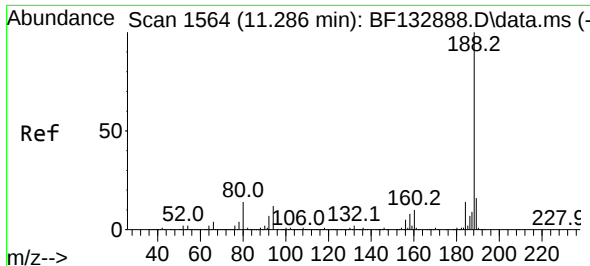
Tgt Ion:165 Resp: 102448
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.5 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Tgt Ion:165 Resp: 102448
Ion Ratio Lower Upper
165 100
63 1.1 37.0 55.6#
89 1.5 57.8 86.6#
182 0.0 2.4 3.6#

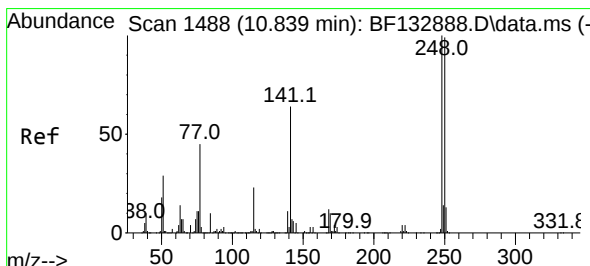
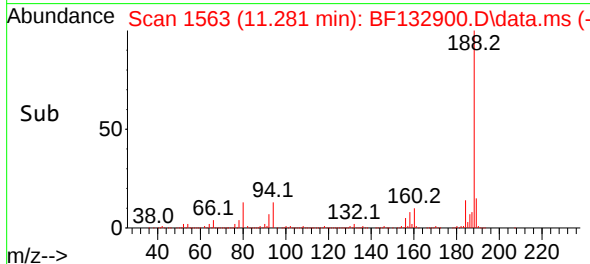
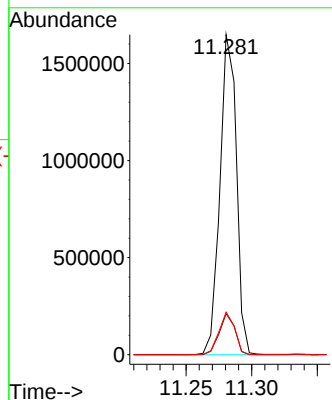
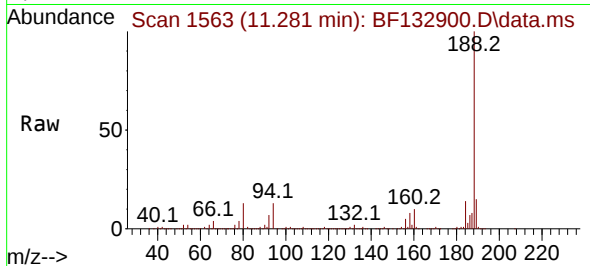




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

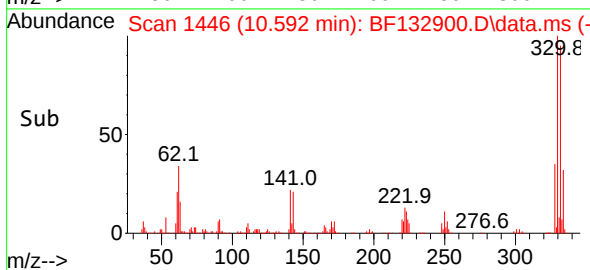
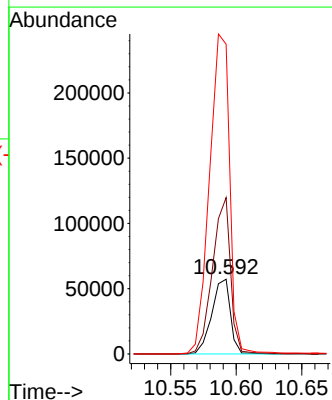
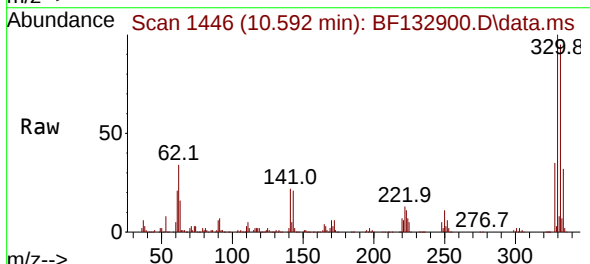
Instrument :
BNA_F
ClientSampleId :
PB152177BL

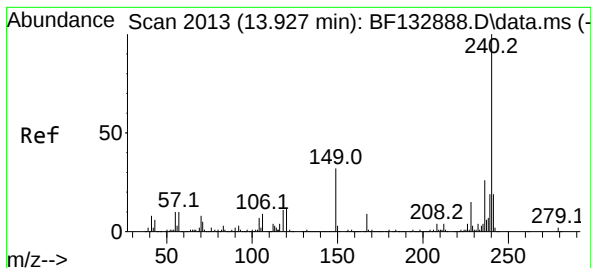
Tgt Ion:188 Resp: 1439968
Ion Ratio Lower Upper
188 100
94 12.8 9.9 14.9
80 13.3 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF132900.D
Acq: 18 Apr 2023 13:44

Tgt Ion:248 Resp: 56648
Ion Ratio Lower Upper
248 100
250 209.3 79.1 118.7#
141 414.5 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132900.D

Acq: 18 Apr 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB152177BL

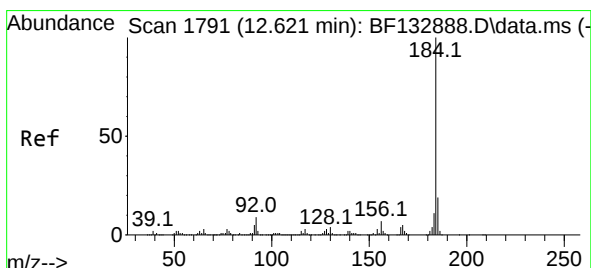
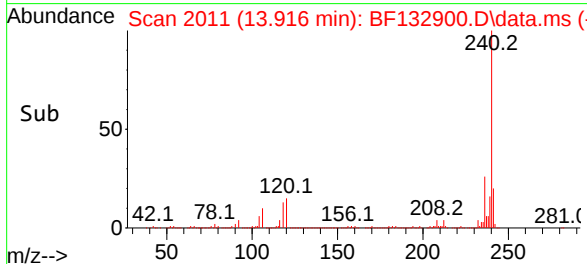
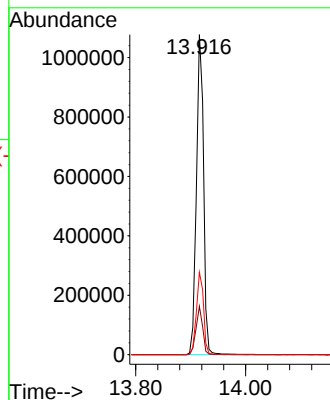
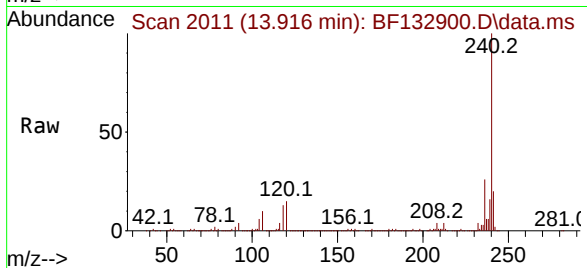
Tgt Ion:240 Resp: 967104

Ion Ratio Lower Upper

240 100

120 15.1 10.0 15.0#

236 25.8 20.8 31.2



#77

Benzidine

Concen: 3.284 ng

RT: 12.875 min Scan# 1834

Delta R.T. 0.254 min

Lab File: BF132900.D

Acq: 18 Apr 2023 13:44

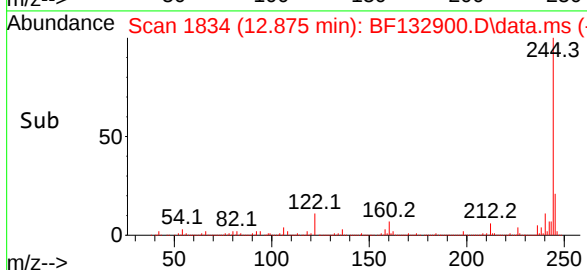
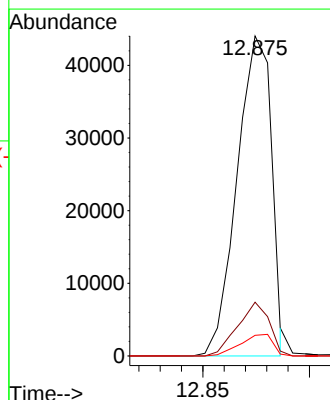
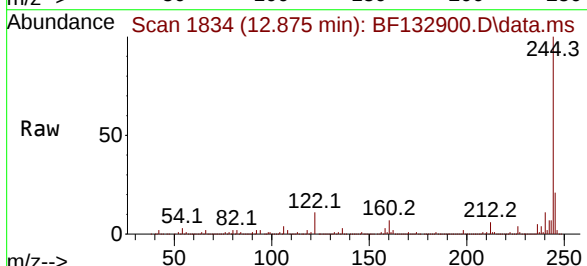
Tgt Ion:184 Resp: 49477

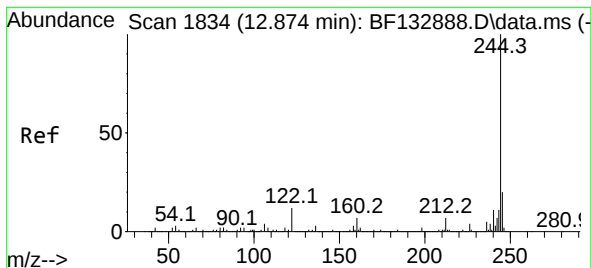
Ion Ratio Lower Upper

184 100

185 16.8 14.9 22.3

183 6.5 9.0 13.6#





#79

Terphenyl-d14

Concen: 76.715 ng

RT: 12.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132900.D

Acq: 18 Apr 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB152177BL

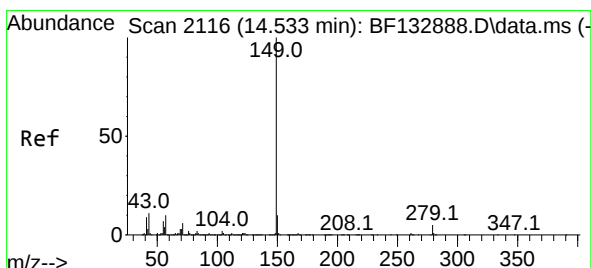
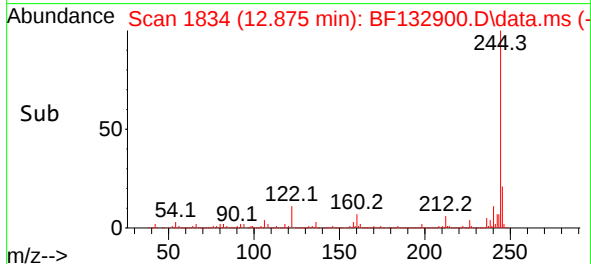
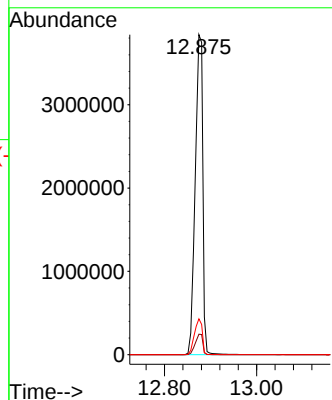
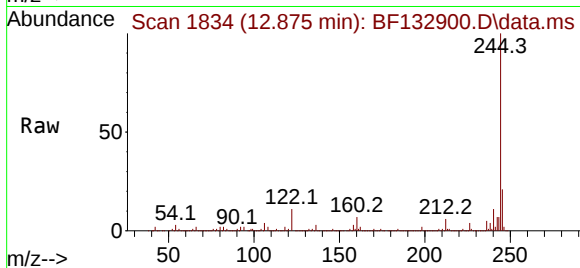
Tgt Ion:244 Resp: 4348679

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 11.2 9.6 14.4



#85

Di-n-octyl phthalate

Concen: 6.384 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132900.D

Acq: 18 Apr 2023 13:44

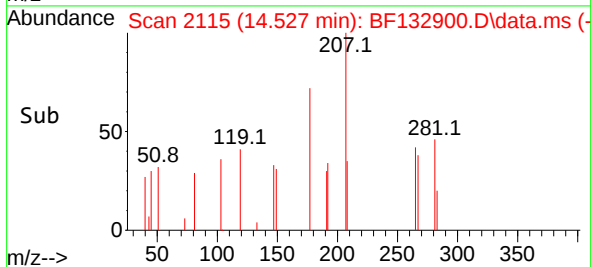
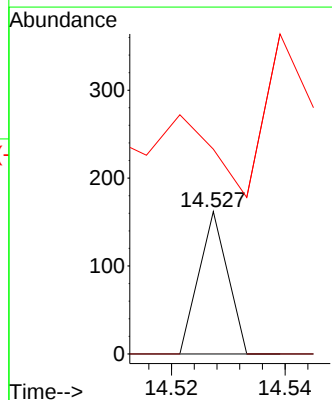
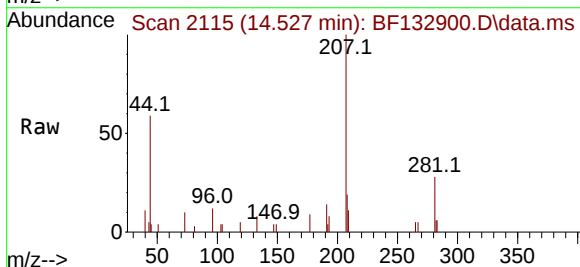
Tgt Ion:149 Resp: 57

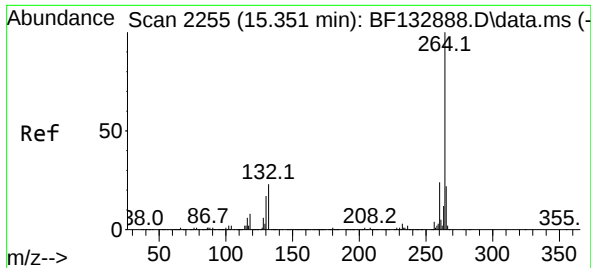
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 11.5 17.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132900.D
 Acq: 18 Apr 2023 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB152177BL

Tgt Ion:264 Resp: 871345
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 17.7 26.5

