

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133004.D
 Acq On : 24 Apr 2023 19:52
 Operator : CG\JU
 Sample : 02469-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24RE

Quant Time: Apr 25 02:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

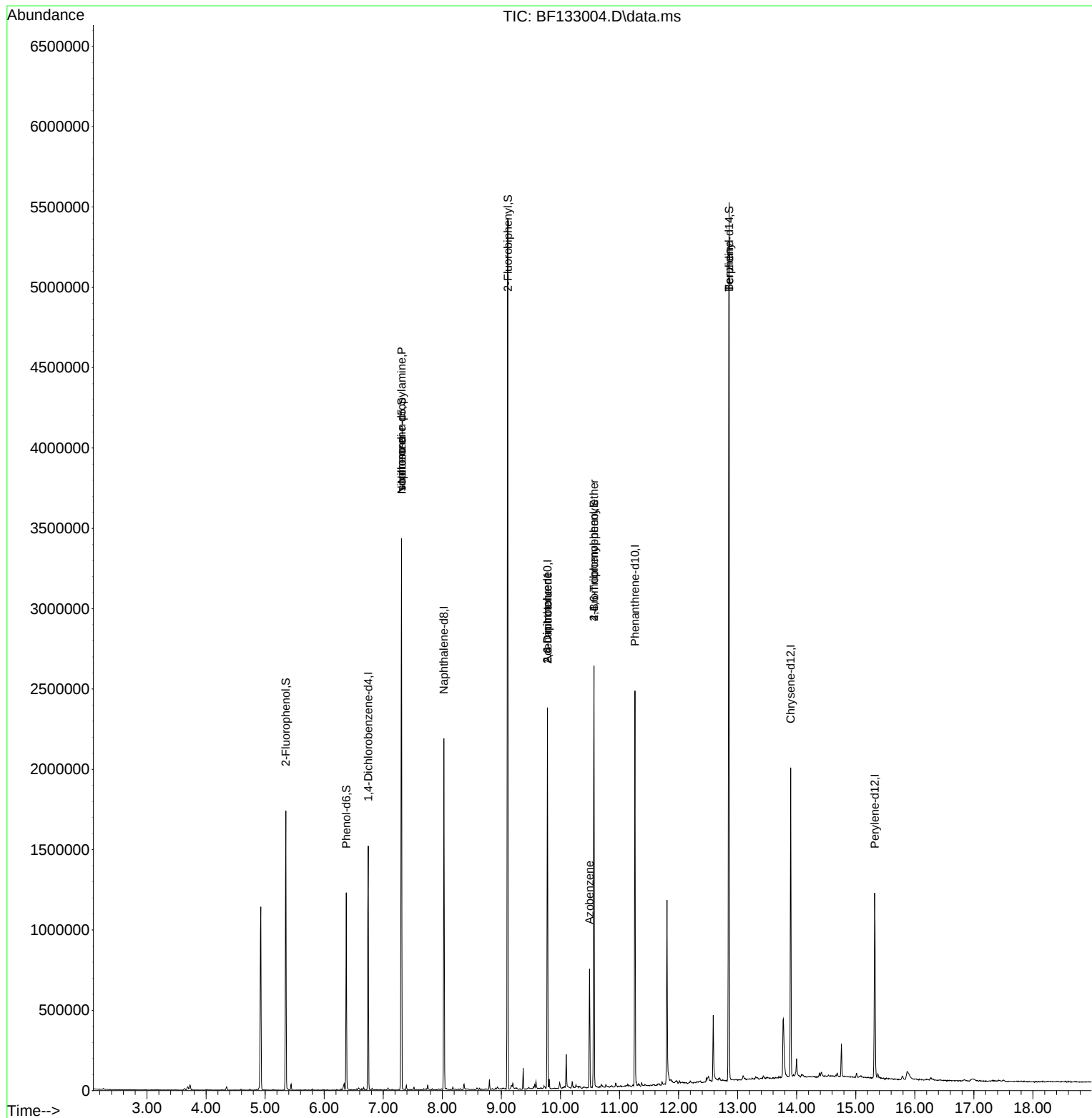
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	198041	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	796357	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	412358	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	769094	20.000	ng	0.00
76) Chrysene-d12	13.898	240	564101	20.000	ng	-0.01
86) Perylene-d12	15.321	264	463675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	431962	32.949	ng	0.00
7) Phenol-d6	6.375	99	325228	19.987	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1004472	68.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	287561	69.341	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1675684	67.985	ng	0.00
79) Terphenyl-d14	12.857	244	2030400	62.077	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	1251	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.310	70	133569	13.185	ng	# 80
25) Isophorone	7.310	82	1004304	35.852	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	53710	8.299	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	53710	6.508	ng	# 23
63) Azobenzene	10.492	77	110476	3.840	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18232	2.186	ng	# 1
77) Benzidine	12.857	184	23880	2.503	ng	# 94

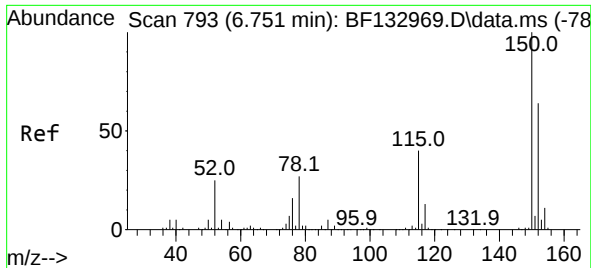
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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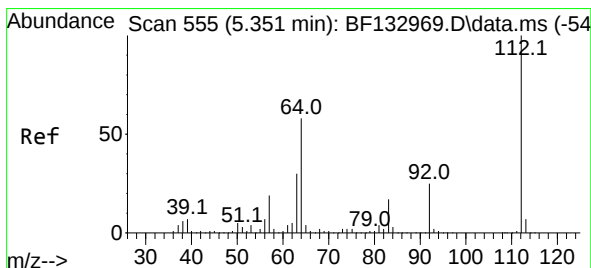
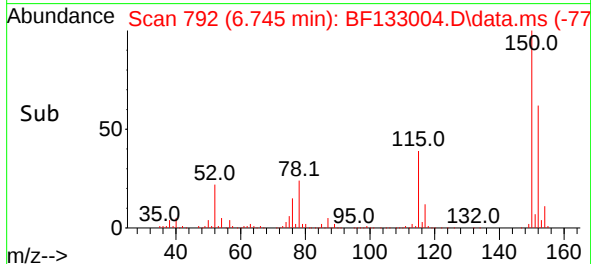
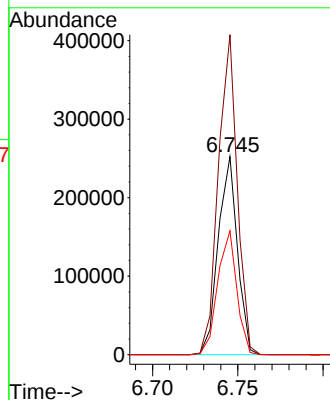
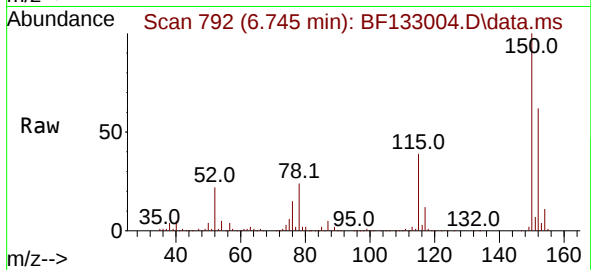




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133004.D
 Acq: 24 Apr 2023 19:52

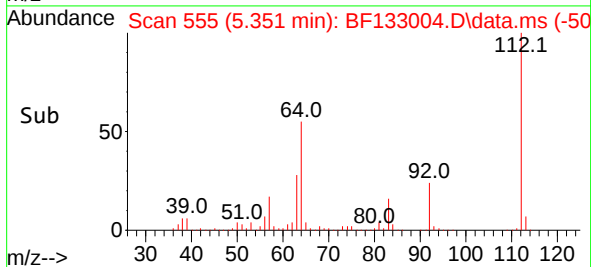
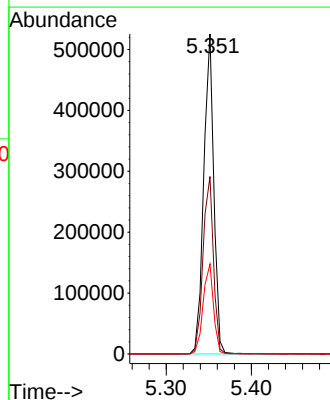
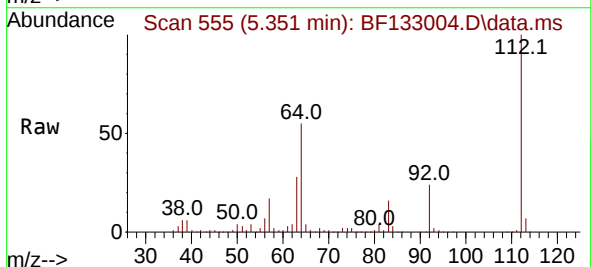
Instrument :
 BNA_F
 ClientSampleId :
 TWP-24RE

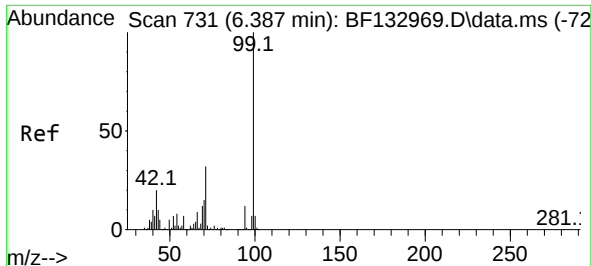
Tgt Ion:152 Resp: 198041
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.8 187.2
 115 62.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 32.949 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133004.D
 Acq: 24 Apr 2023 19:52

Tgt Ion:112 Resp: 431962
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.8 70.2
 63 28.1 23.8 35.8

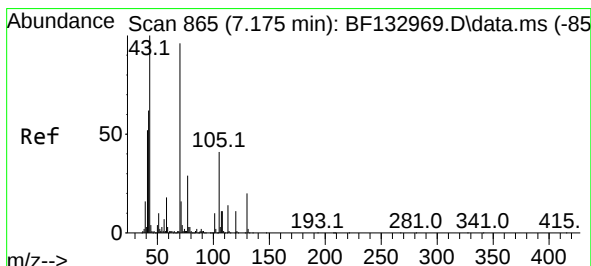
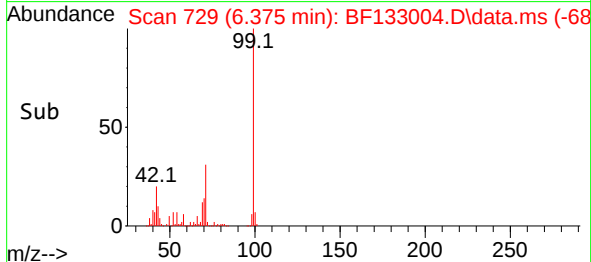
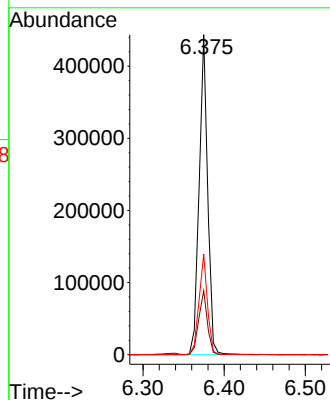
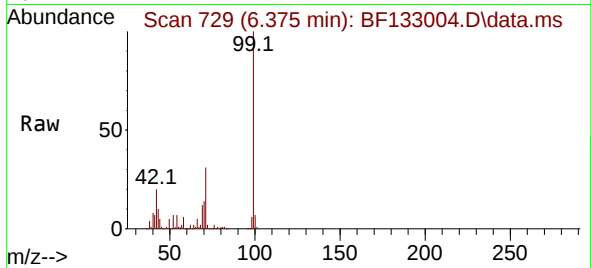




#7
Phenol-d6
Concen: 19.987 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

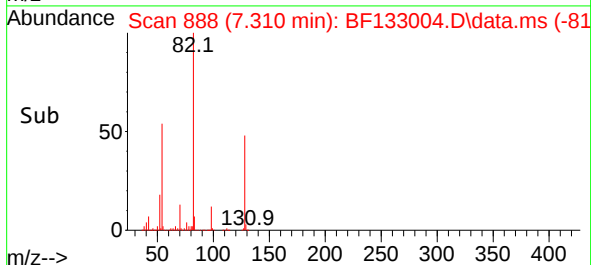
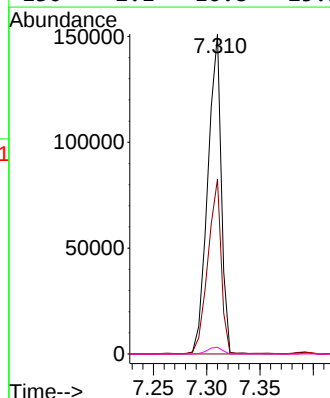
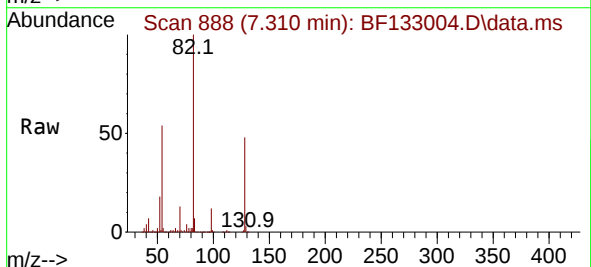
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

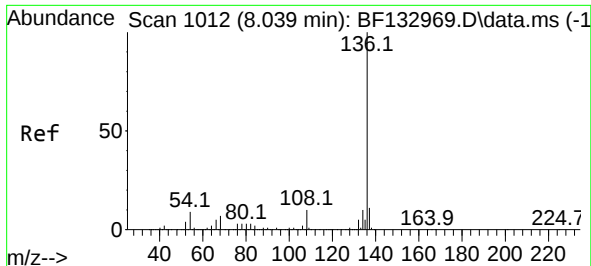
Tgt Ion: 99 Resp: 325228
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 31.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.185 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion: 70 Resp: 133569
Ion Ratio Lower Upper
70 100
42 54.7 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#



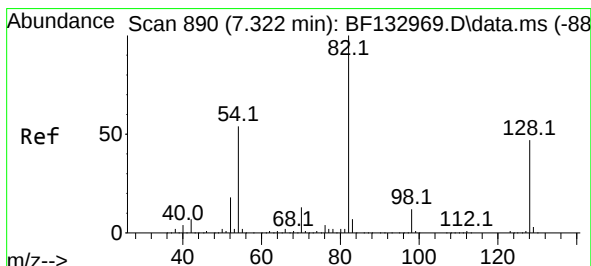
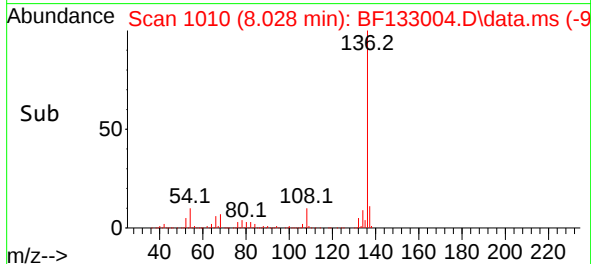
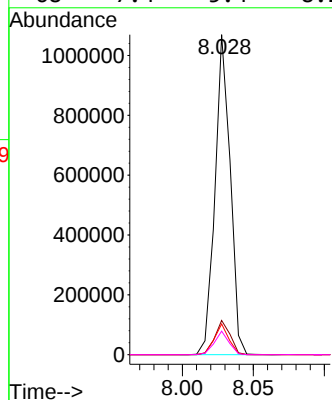
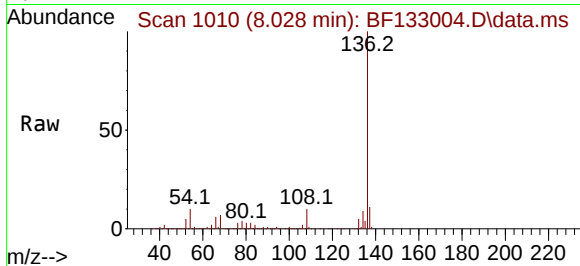


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Instrument :
BNA_F
ClientSampleId :
TWP-24RE

Tgt Ion:136 Resp: 796357

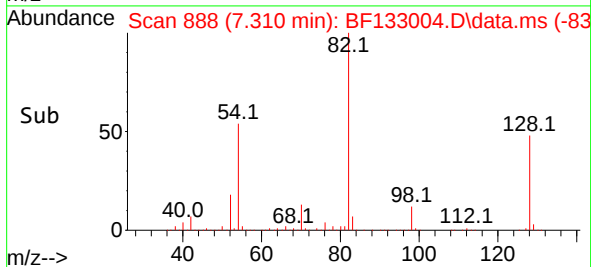
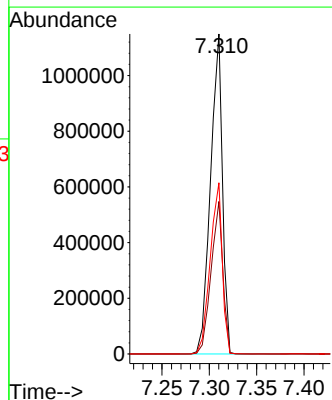
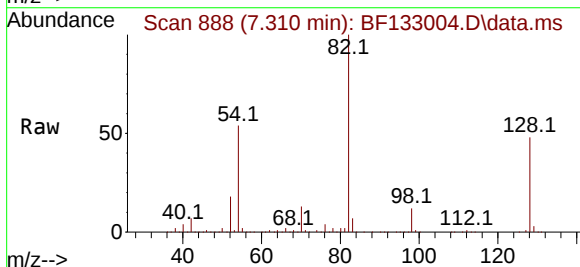
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.6	7.0	10.4
68	7.4	5.4	8.2

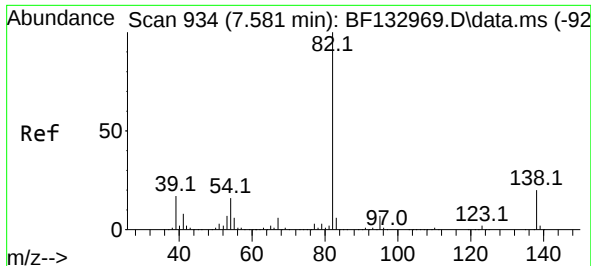


#23
Nitrobenzene-d5
Concen: 68.083 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion: 82 Resp: 1004472

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	53.5	43.0	64.4

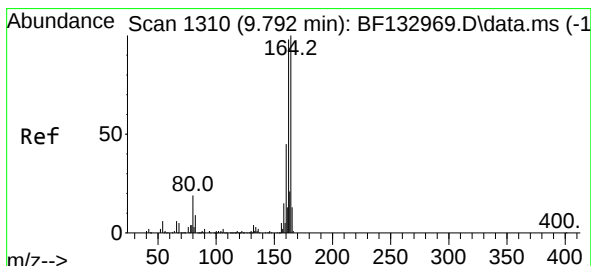
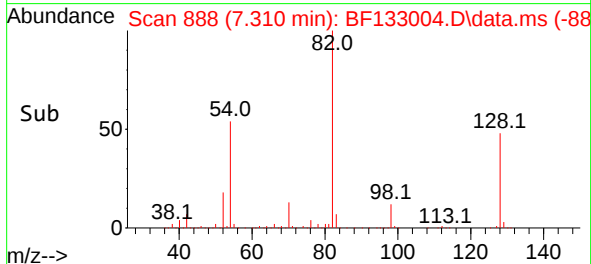
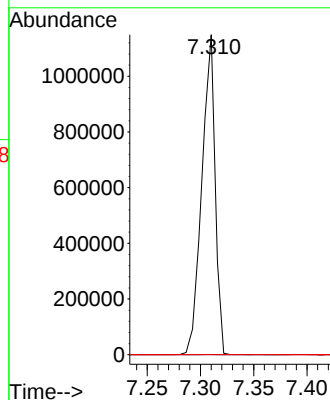
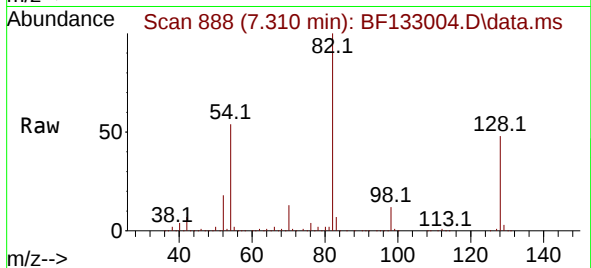




#25
Isophorone
Concen: 35.852 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

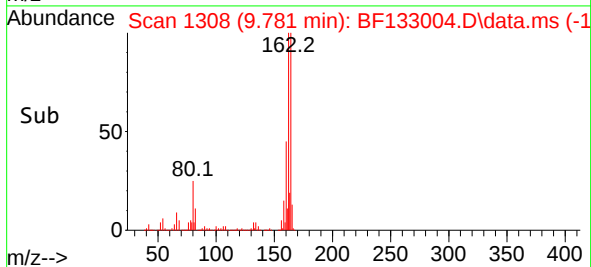
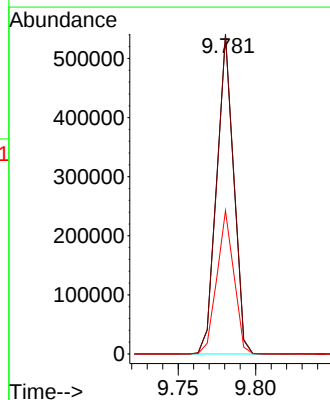
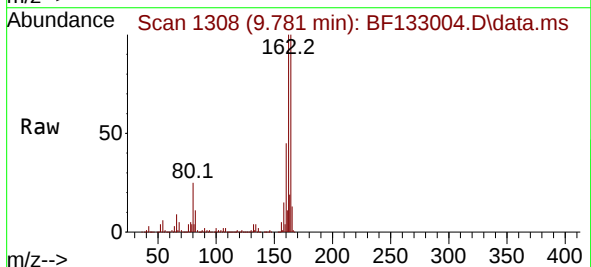
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

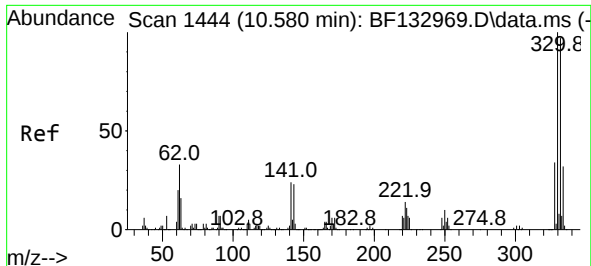
Tgt Ion: 82 Resp: 1004304
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:164 Resp: 412358
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 44.9 35.8 53.6

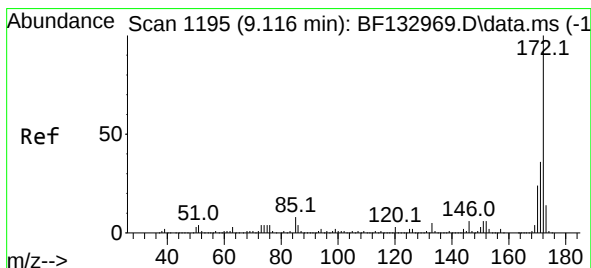
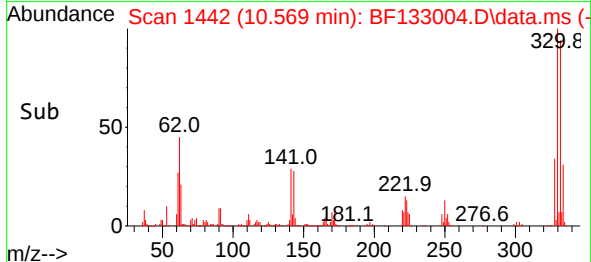
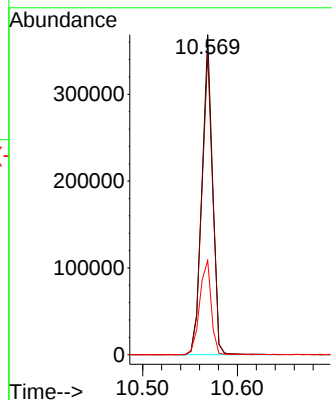
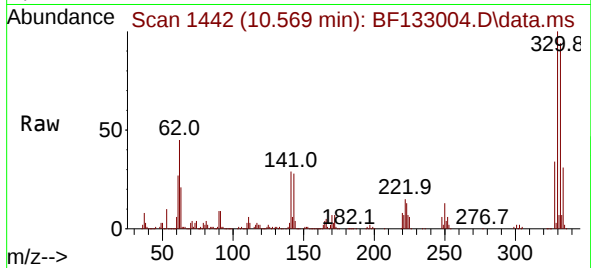




#42
2,4,6-Tribromophenol
Concen: 69.341 ng
RT: 10.569 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

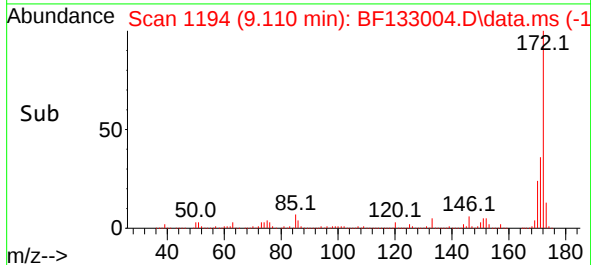
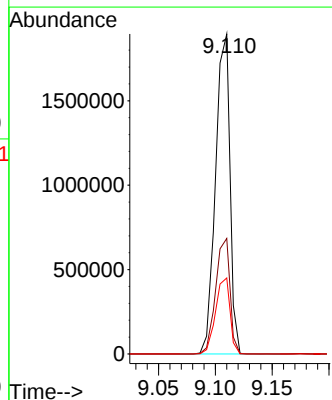
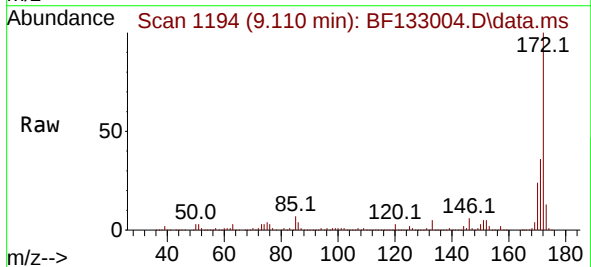
Instrument :
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ClientSampleId :
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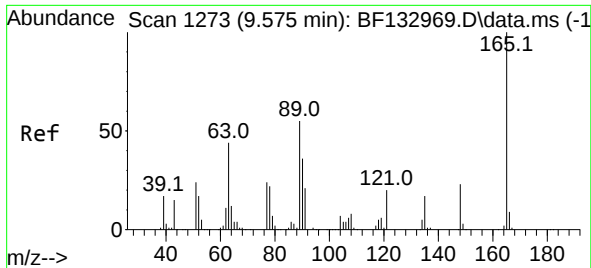
Tgt Ion:330 Resp: 287561
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.985 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:172 Resp: 1675684
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.8 19.4 29.2

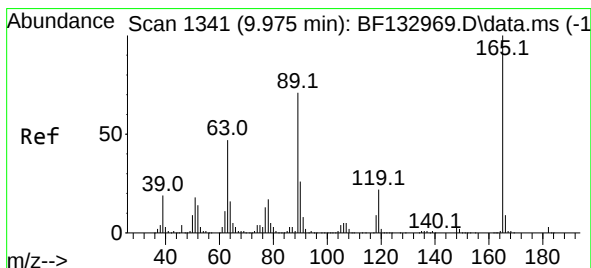
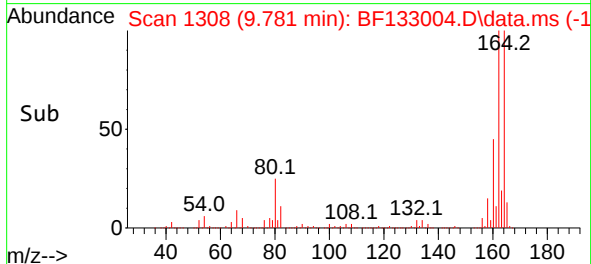
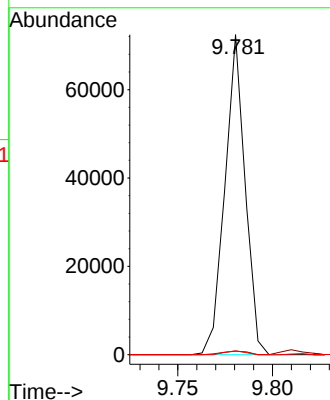
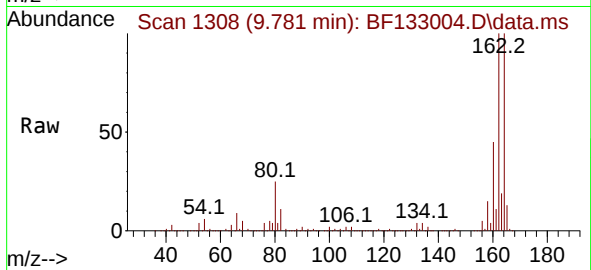




#51
2,6-Dinitrotoluene
Concen: 8.299 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

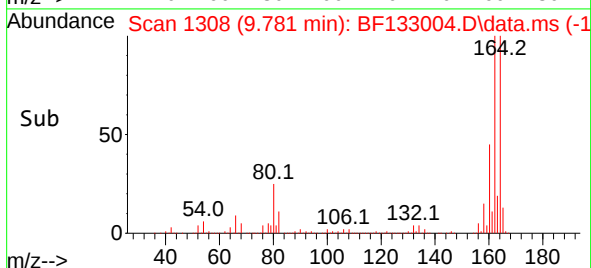
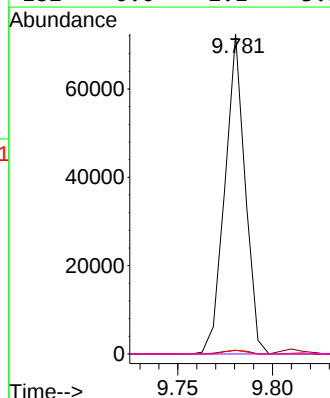
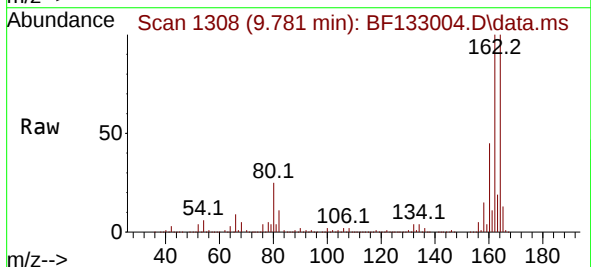
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

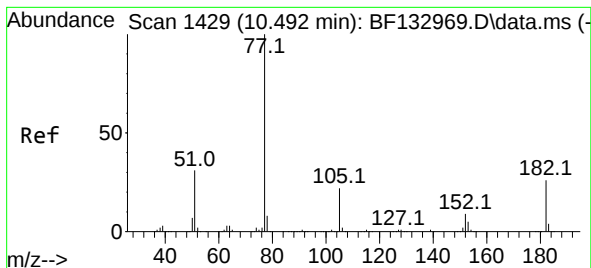
Tgt Ion:165 Resp: 53710
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.508 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:165 Resp: 53710
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.840 ng

RT: 10.492 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF133004.D

Acq: 24 Apr 2023 19:52

Instrument :

BNA_F

ClientSampleId :

TWP-24RE

Tgt Ion: 77 Resp: 110476

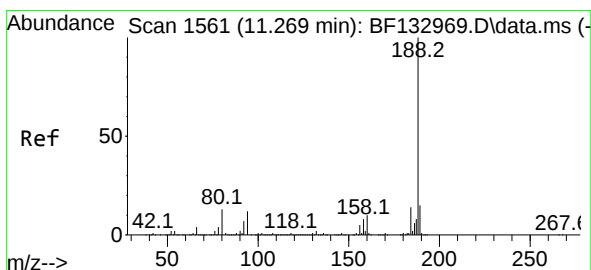
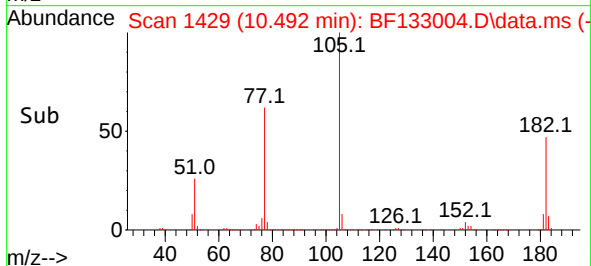
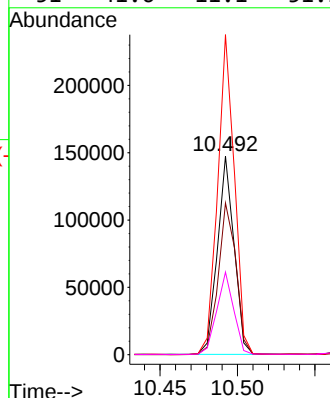
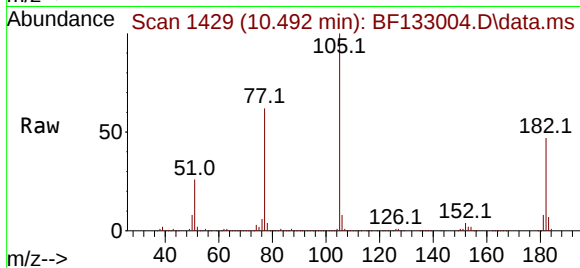
Ion Ratio Lower Upper

77 100

182 76.4 5.9 45.9#

105 161.2 2.3 42.3#

51 41.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133004.D

Acq: 24 Apr 2023 19:52

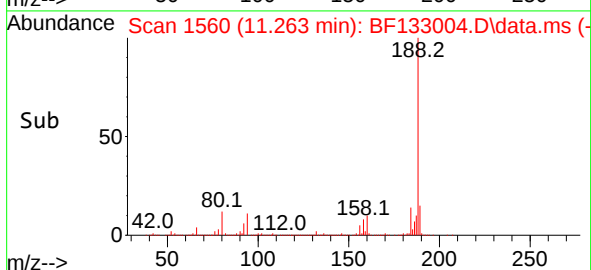
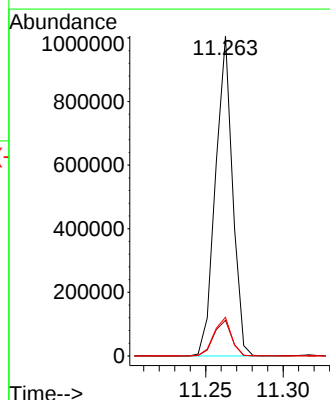
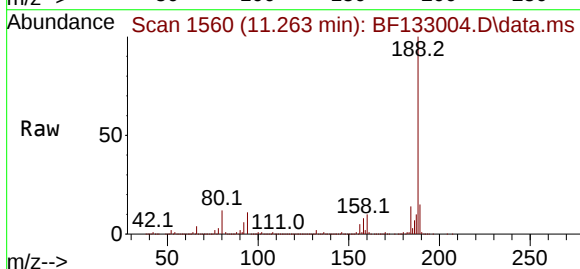
Tgt Ion: 188 Resp: 769094

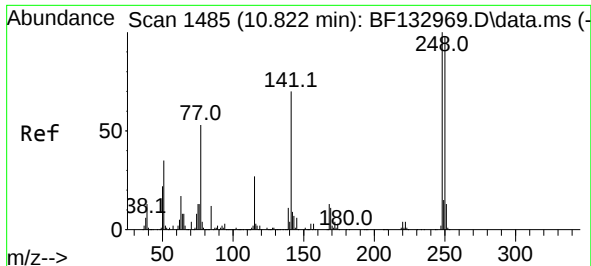
Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 12.1 10.4 15.6

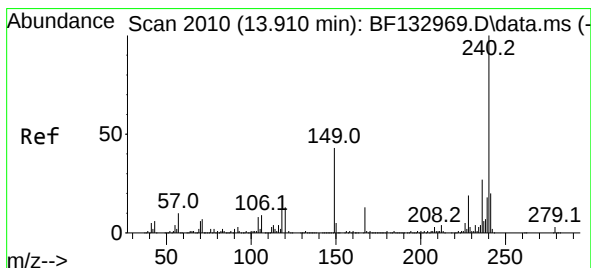
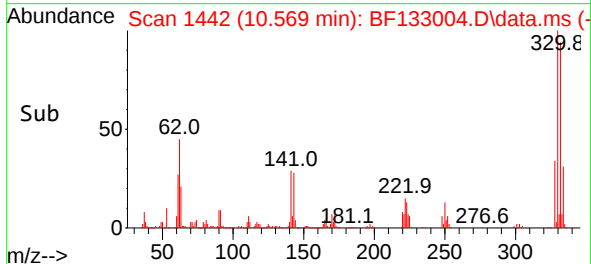
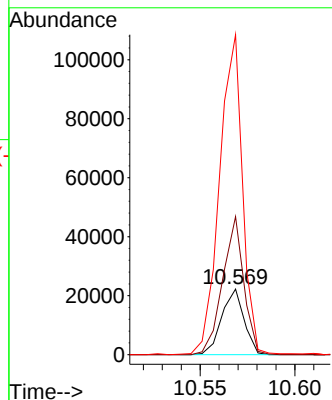
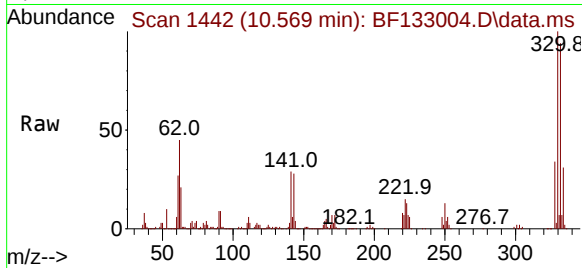




#67
4-Bromophenyl-phenylether
Concen: 2.186 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.253 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

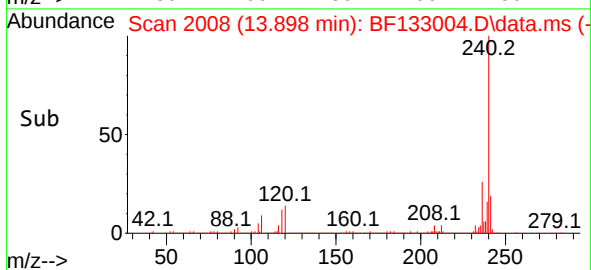
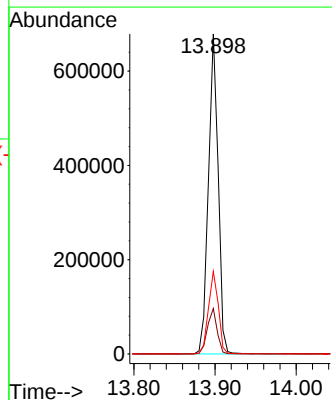
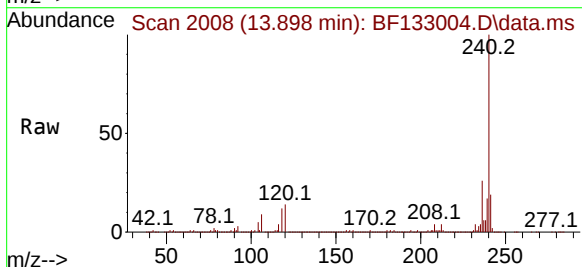
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

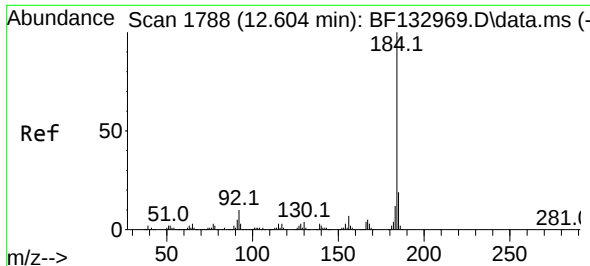
Tgt Ion:248 Resp: 18232
Ion Ratio Lower Upper
248 100
250 210.5 78.7 118.1#
141 487.8 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:240 Resp: 564101
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 25.8 21.5 32.3

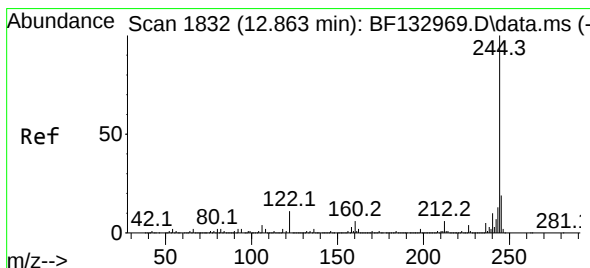
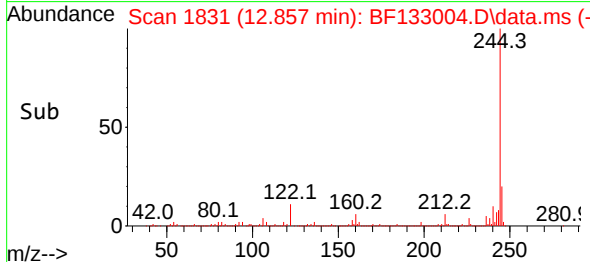
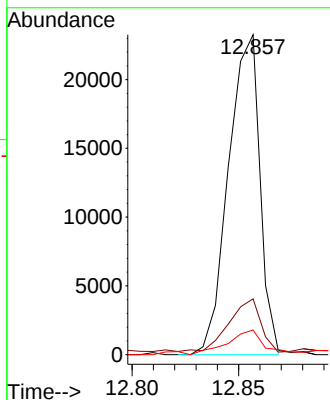
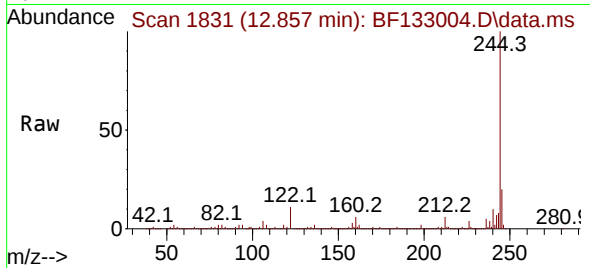




#77
Benzidine
Concen: 2.503 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

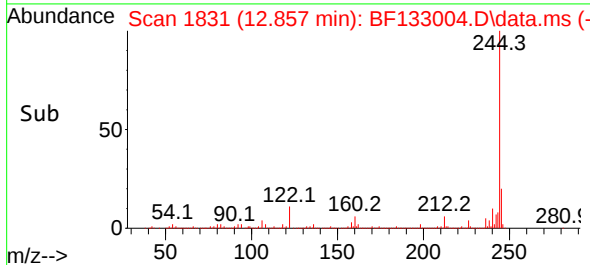
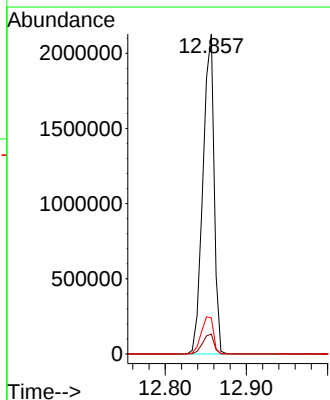
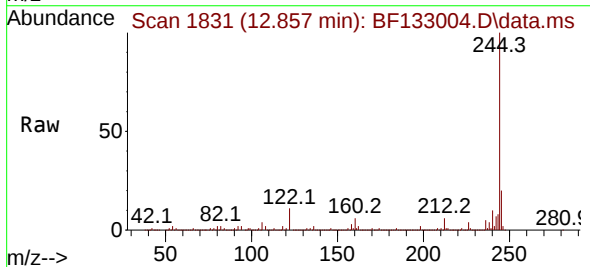
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

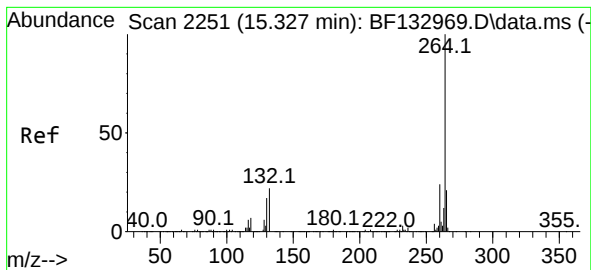
Tgt Ion:184 Resp: 23880
Ion Ratio Lower Upper
184 100
185 17.4 15.4 23.2
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 62.077 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:244 Resp: 2030400
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.3 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133004.D

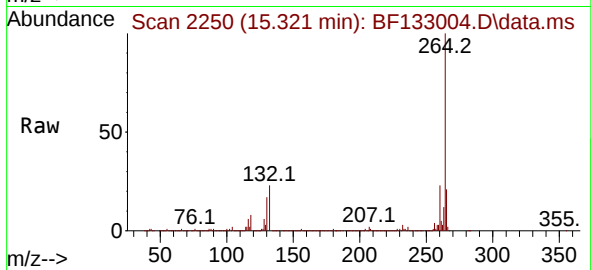
Acq: 24 Apr 2023 19:52

Instrument :

BNA_F

ClientSampleId :

TWP-24RE



Tgt Ion:264 Resp: 463675

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.3 17.0 25.4

