

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132996.D
 Acq On : 24 Apr 2023 15:38
 Operator : CG\JU
 Sample : 02469-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24

Quant Time: Apr 24 16:59:51 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)

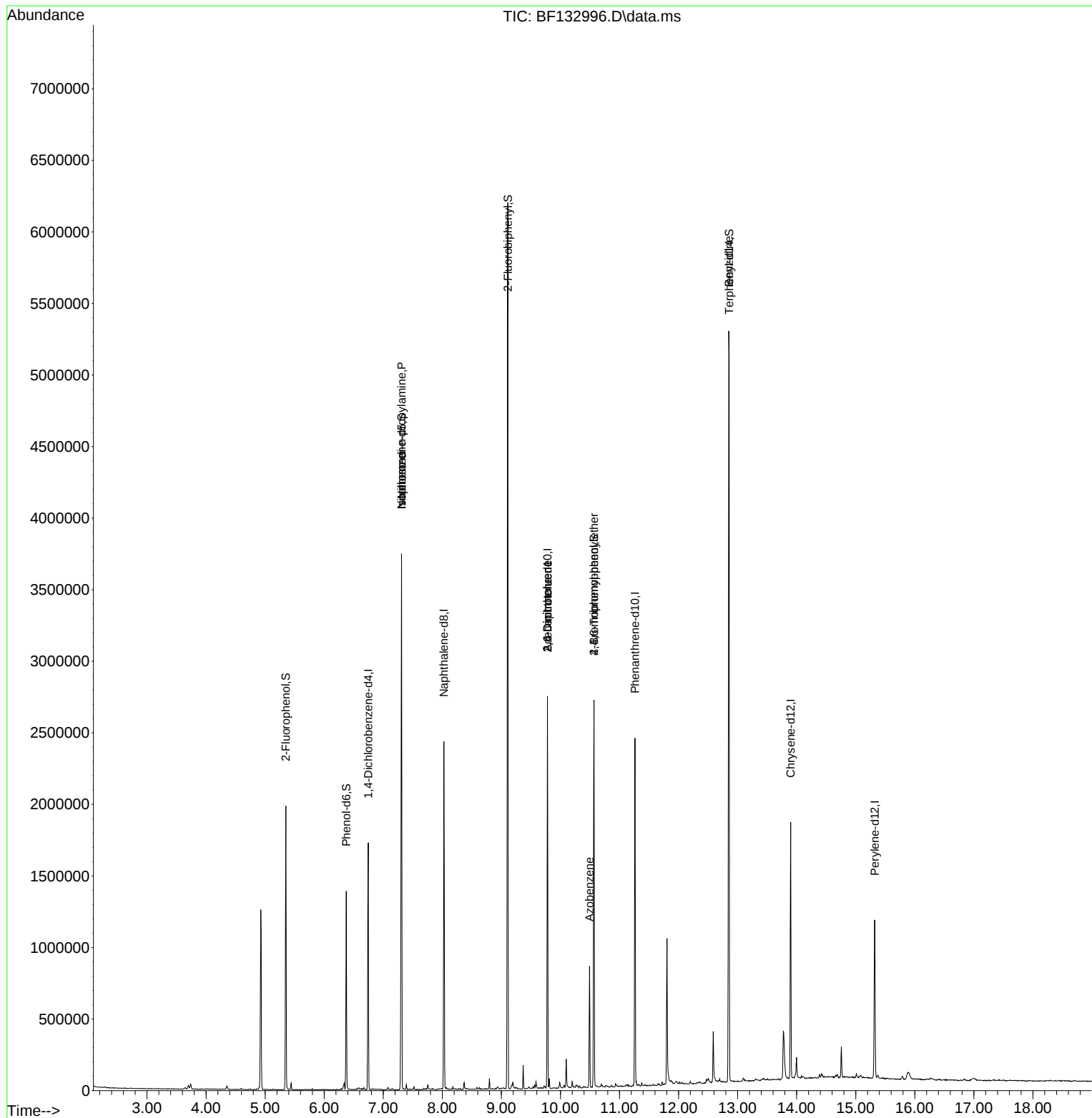
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	225602	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	925193	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	474872	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	823384	20.000	ng	0.00
76) Chrysene-d12	13.898	240	525510	20.000	ng	-0.01
86) Perylene-d12	15.321	264	455439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	483943	32.404	ng	0.00
7) Phenol-d6	6.375	99	379710	20.484	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1153469	67.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	303110	63.469	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1873086	65.990	ng	0.00
79) Terphenyl-d14	12.857	244	2028035	66.558	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	1401	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.310	70	154300	13.371	ng	# 77
25) Isophorone	7.310	82	1151942	35.396	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	61601	8.266	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	61601	6.481	ng	# 23
63) Azobenzene	10.492	77	126615	3.822	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	19583	2.193	ng	# 1
77) Benzidine	12.851	184	24349	2.740	ng	# 90

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

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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
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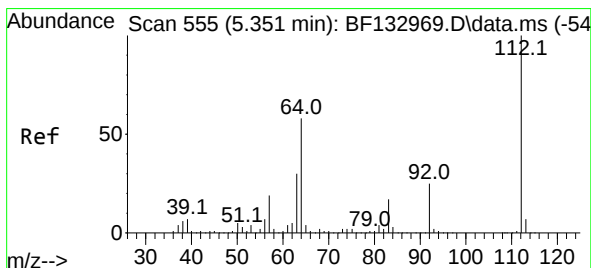
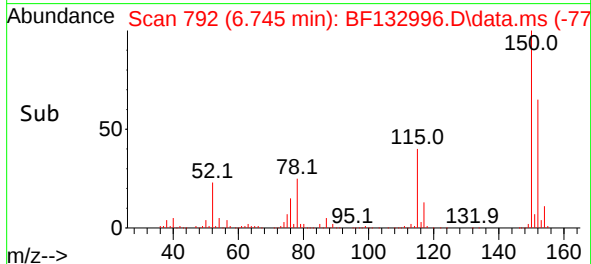
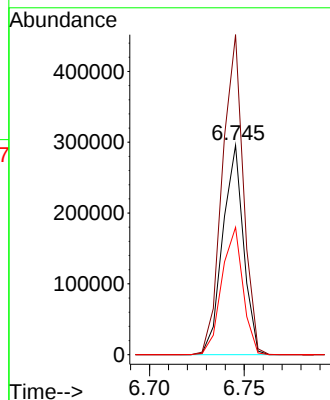
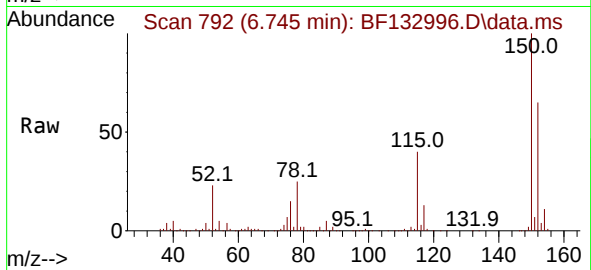




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF132996.D
 Acq: 24 Apr 2023 15:38

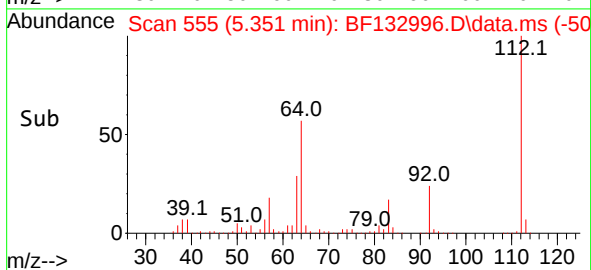
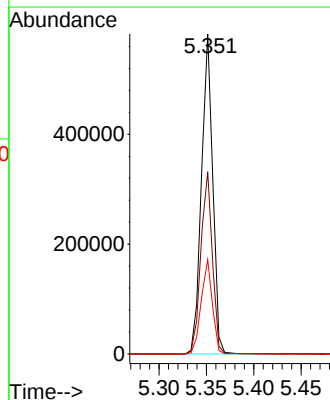
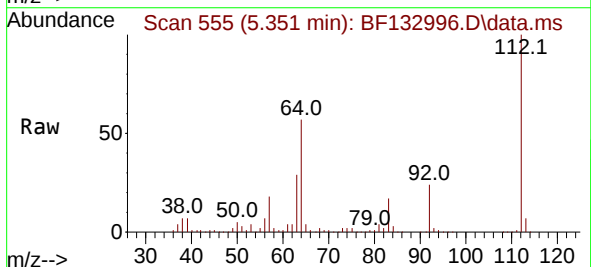
Instrument :
 BNA_F
 ClientSampleId :
 TWP-24

Tgt Ion:152 Resp: 225602
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.8 187.2
 115 60.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 32.404 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF132996.D
 Acq: 24 Apr 2023 15:38

Tgt Ion:112 Resp: 483943
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.5 23.8 35.8

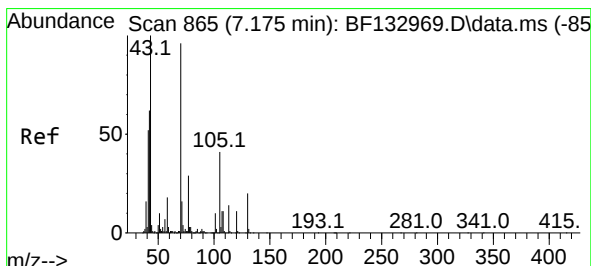
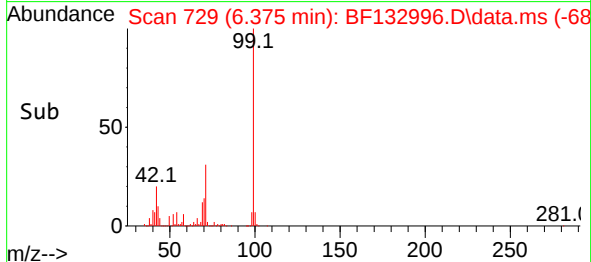
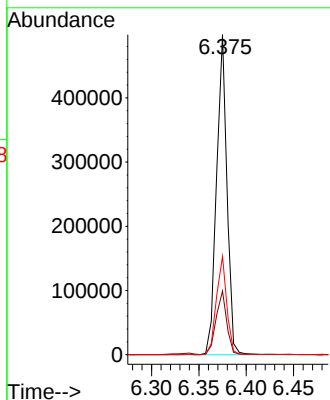
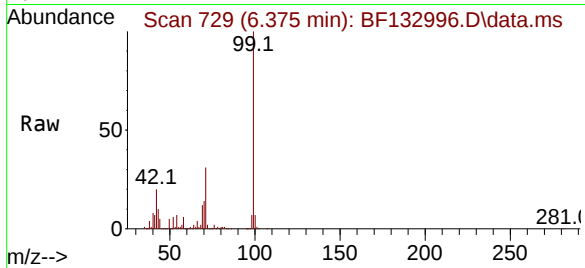




#7
Phenol-d6
Concen: 20.484 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

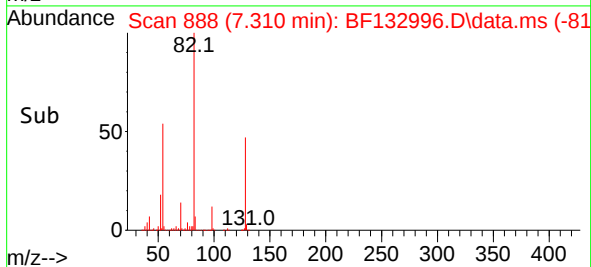
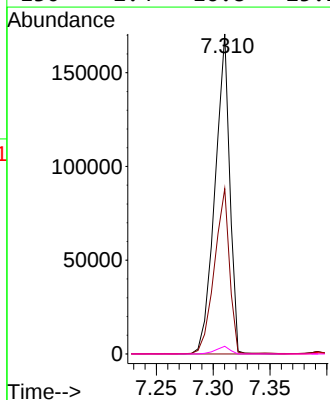
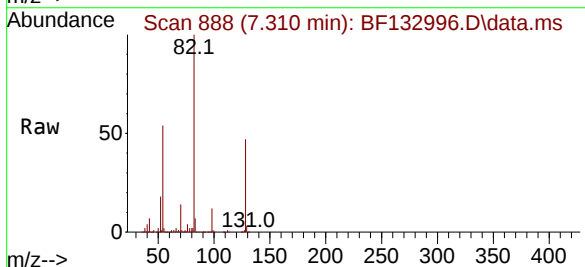
Instrument :
BNA_F
ClientSampleId :
TWP-24

Tgt Ion: 99 Resp: 379710
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.371 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion: 70 Resp: 154300
Ion Ratio Lower Upper
70 100
42 51.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#



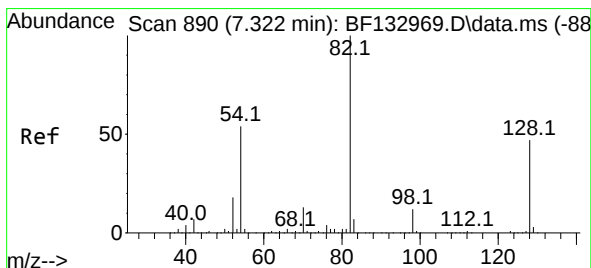
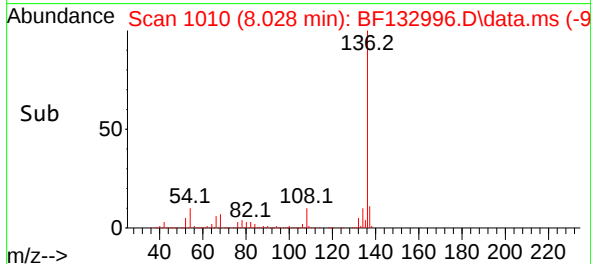
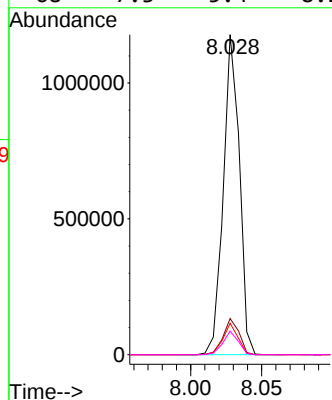
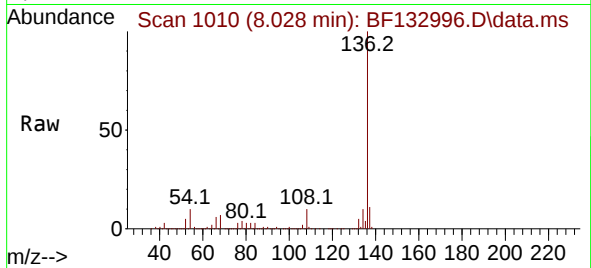


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Instrument :
BNA_F
ClientSampleId :
TWP-24

Tgt Ion:136 Resp: 925193

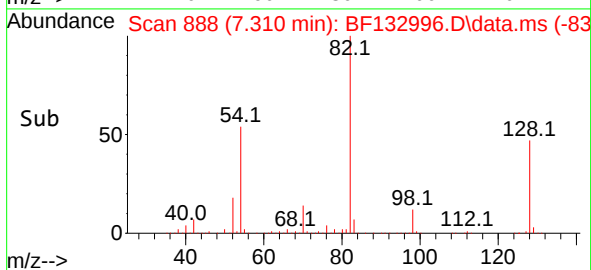
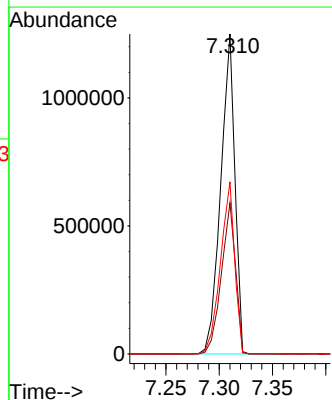
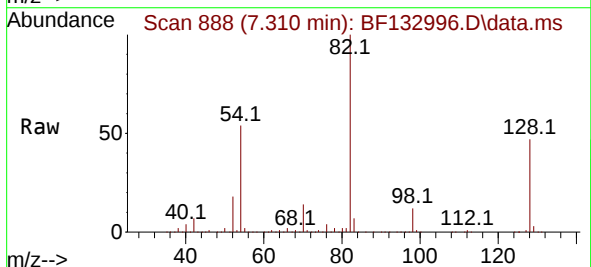
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.8	7.0	10.4
68	7.3	5.4	8.2

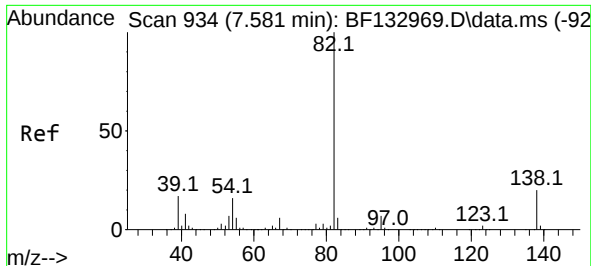


#23
Nitrobenzene-d5
Concen: 67.295 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion: 82 Resp: 1153469

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.8	43.0	64.4

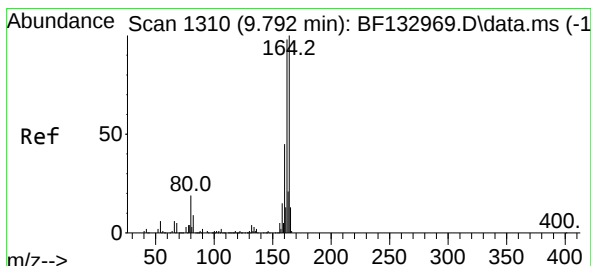
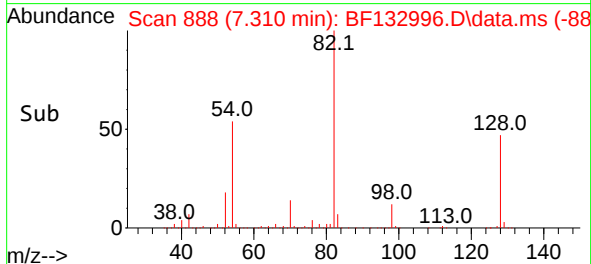
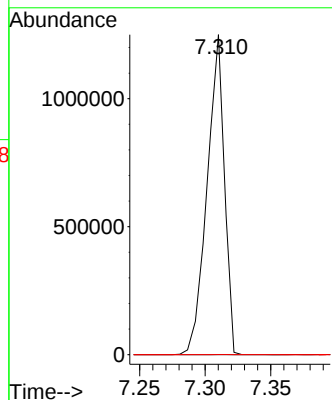
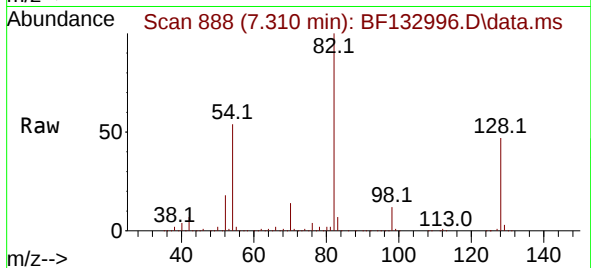




#25
Isophorone
Concen: 35.396 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

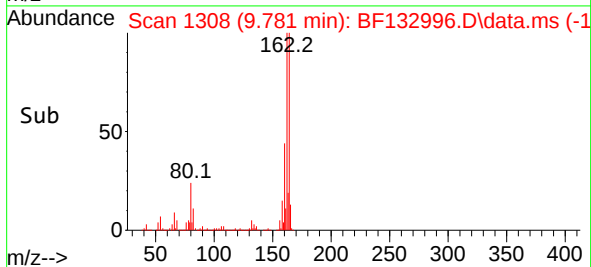
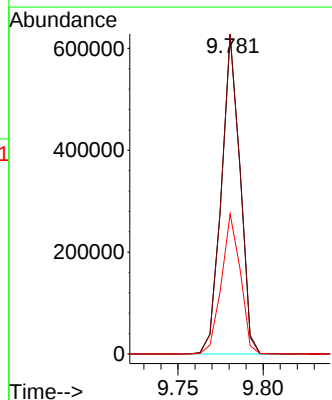
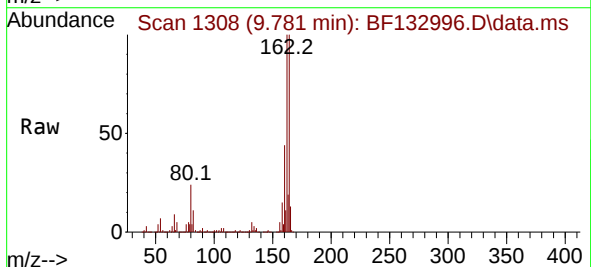
Instrument :
BNA_F
ClientSampleId :
TWP-24

Tgt Ion: 82 Resp: 1151942
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: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion:164 Resp: 474872
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 63.469 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24

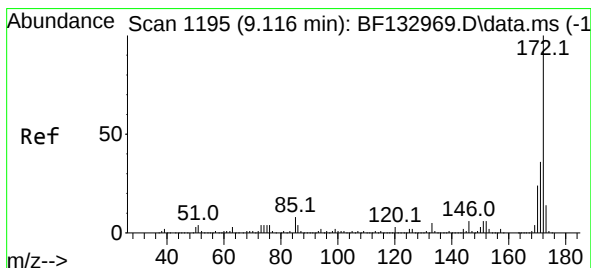
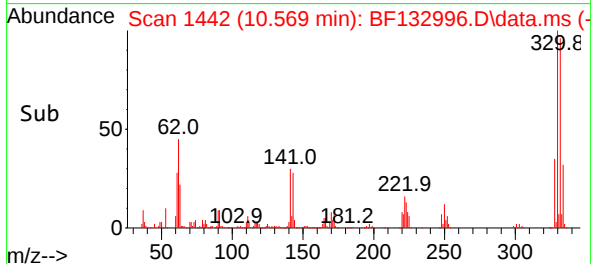
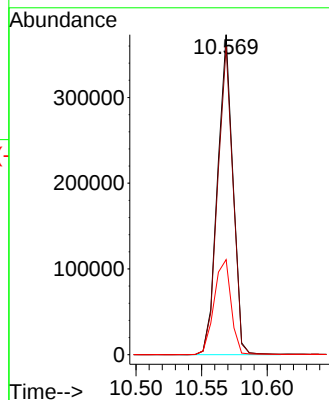
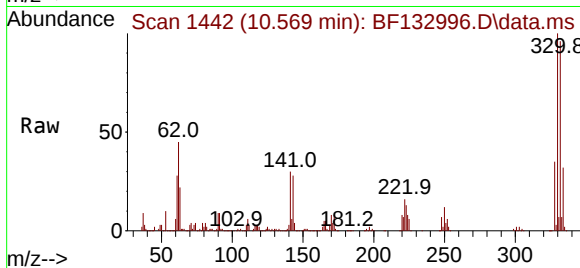
Tgt Ion:330 Resp: 303110

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 33.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.990 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

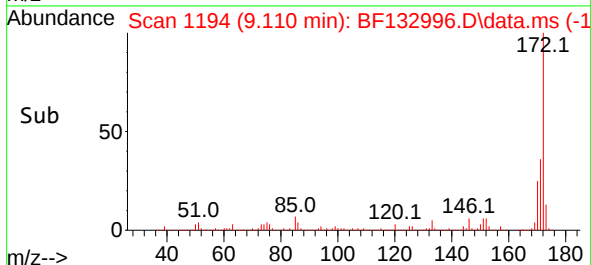
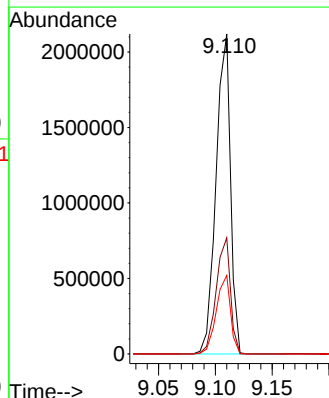
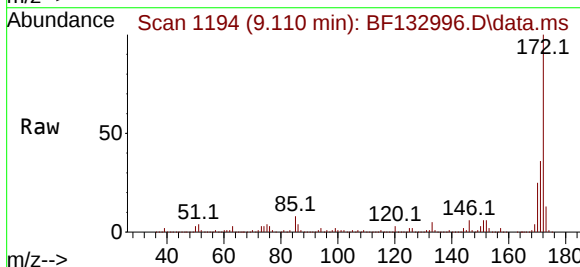
Tgt Ion:172 Resp: 1873086

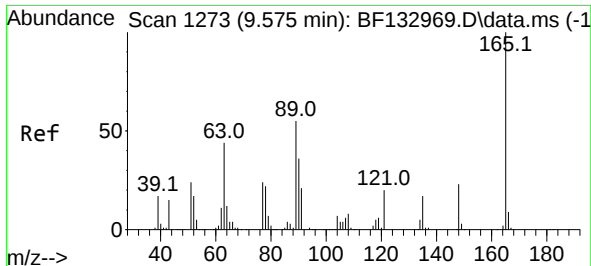
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.266 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24

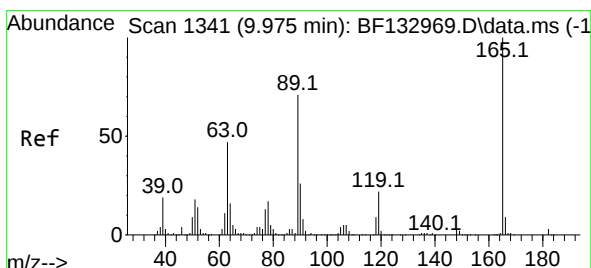
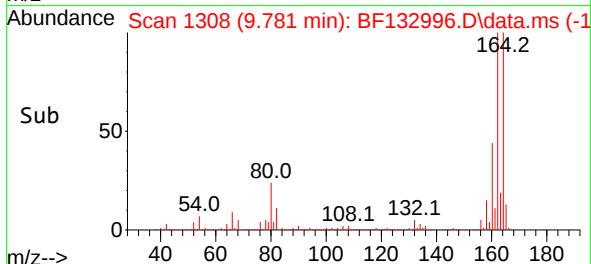
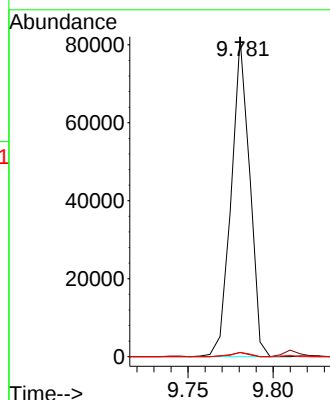
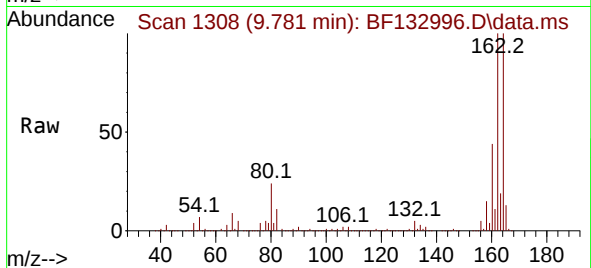
Tgt Ion:165 Resp: 61601

Ion Ratio Lower Upper

165 100

63 1.3 45.9 68.9#

89 1.4 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.481 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Tgt Ion:165 Resp: 61601

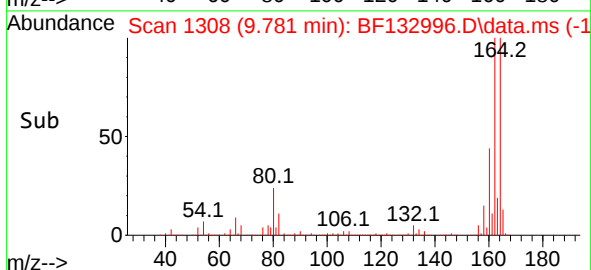
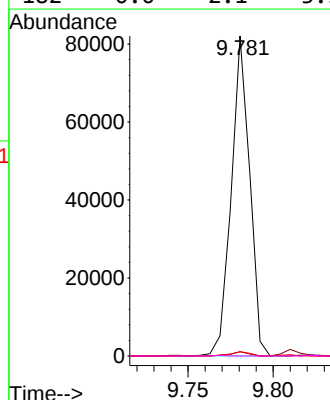
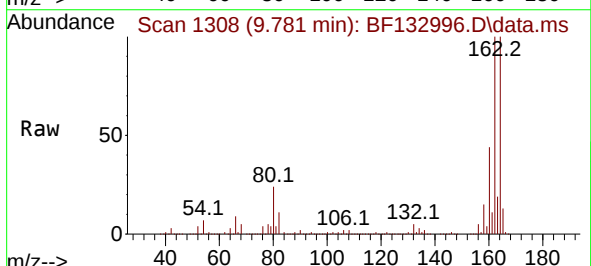
Ion Ratio Lower Upper

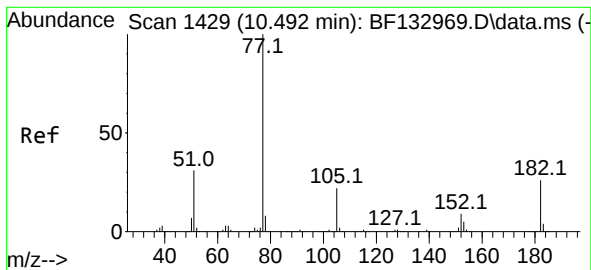
165 100

63 1.3 37.7 56.5#

89 1.4 57.0 85.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.822 ng

RT: 10.492 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24

Tgt Ion: 77 Resp: 126615

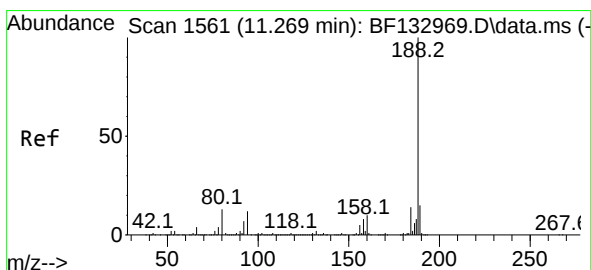
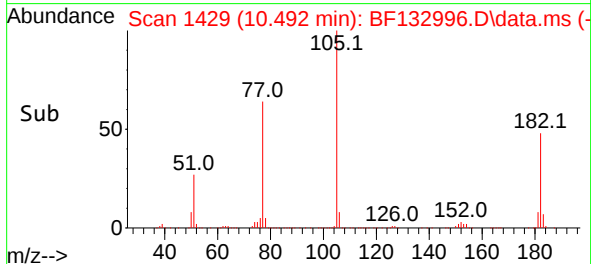
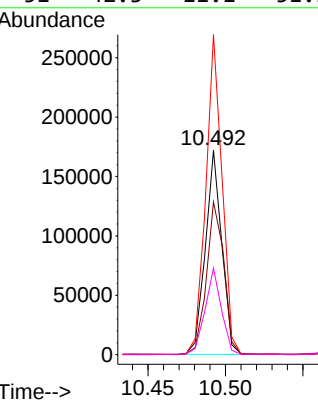
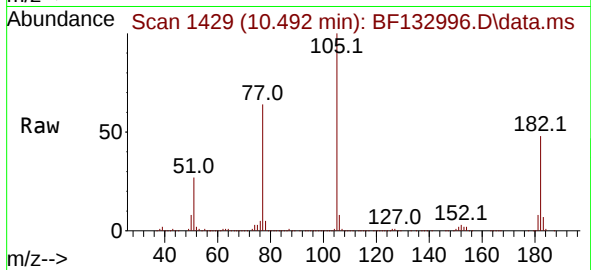
Ion Ratio Lower Upper

77 100

182 74.7 5.9 45.9#

105 156.5 2.3 42.3#

51 42.3 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: BF132996.D

Acq: 24 Apr 2023 15:38

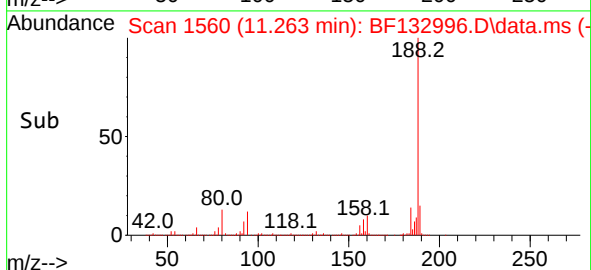
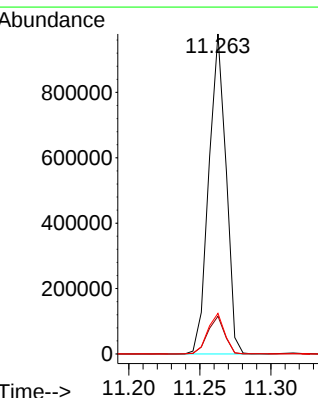
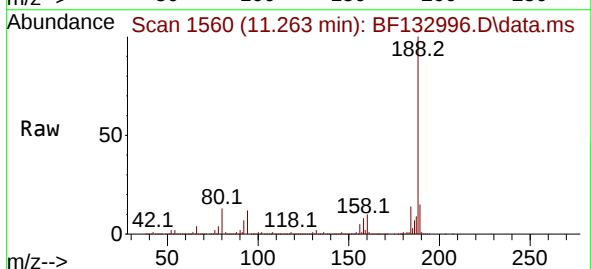
Tgt Ion:188 Resp: 823384

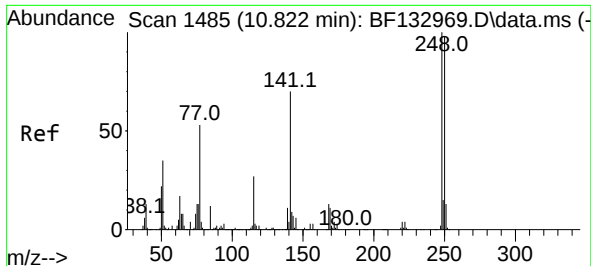
Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.7 10.4 15.6

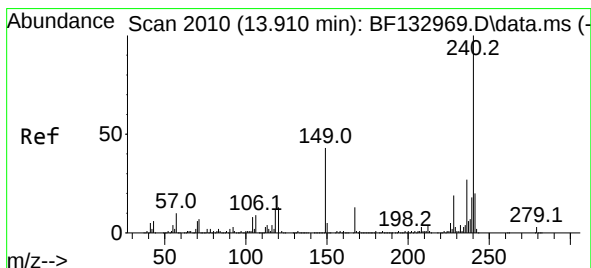
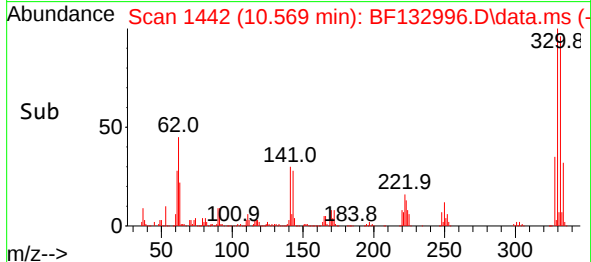
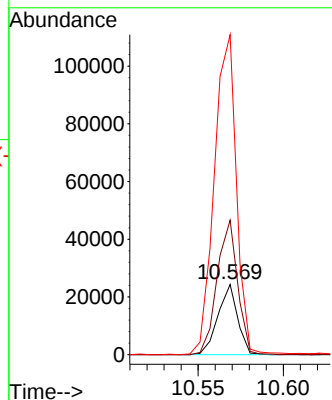
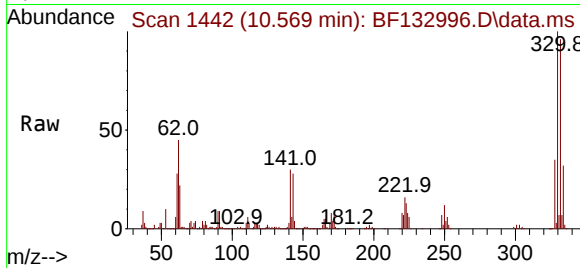




#67
4-Bromophenyl-phenylether
Concen: 2.193 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.253 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

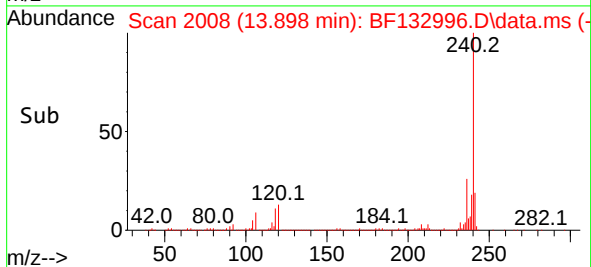
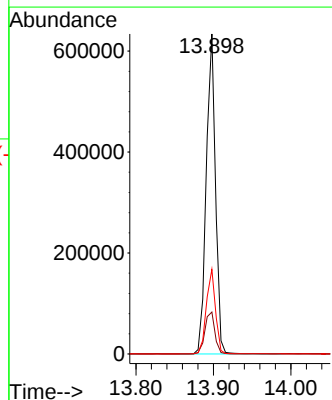
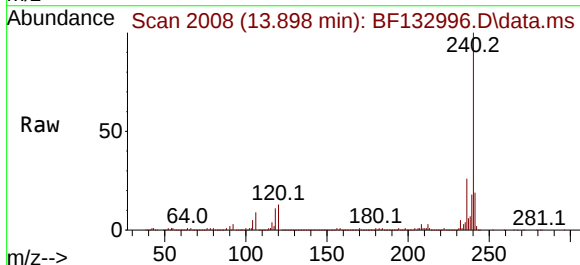
Instrument :
BNA_F
ClientSampleId :
TWP-24

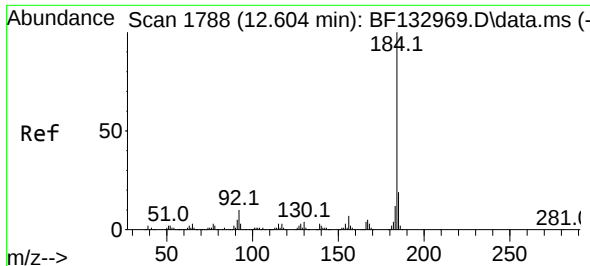
Tgt Ion:248 Resp: 19583
Ion Ratio Lower Upper
248 100
250 191.4 78.7 118.1#
141 455.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion:240 Resp: 525510
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.4 21.5 32.3

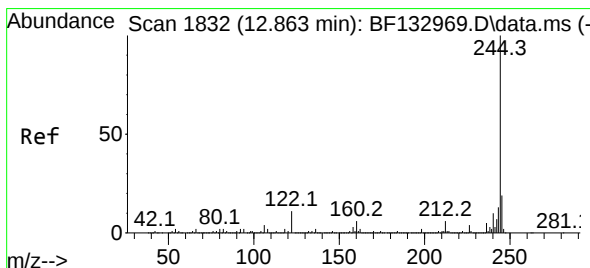
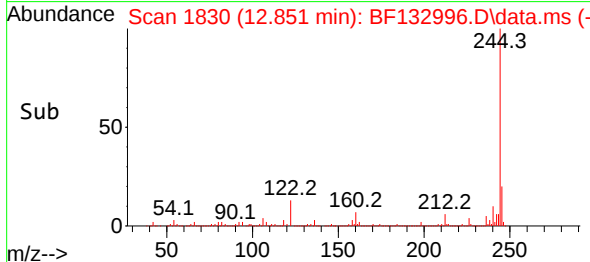
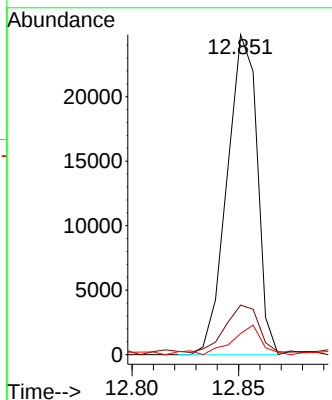
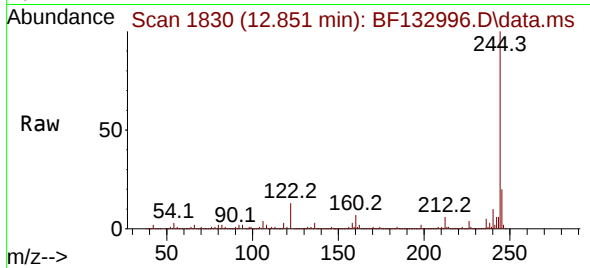




#77
Benzidine
Concen: 2.740 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

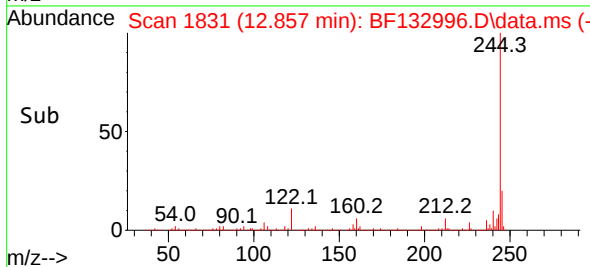
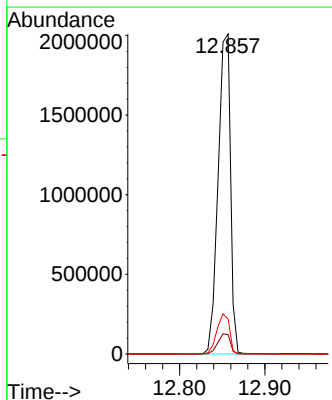
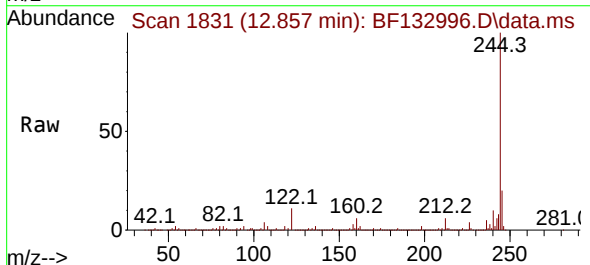
Instrument :
BNA_F
ClientSampleId :
TWP-24

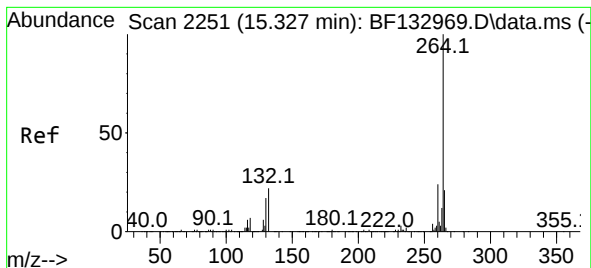
Tgt Ion:184 Resp: 24349
Ion Ratio Lower Upper
184 100
185 15.5 15.4 23.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.558 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion:244 Resp: 2028035
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 10.9 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: BF132996.D

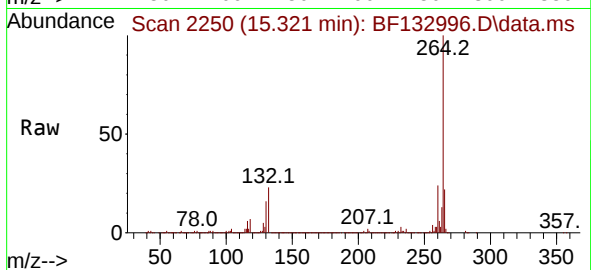
Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24



Tgt Ion:264 Resp: 455439

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.7 17.0 25.4

