

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132995.D
 Acq On : 24 Apr 2023 15:06
 Operator : CG\JU
 Sample : 02469-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

Quant Time: Apr 24 16:59:31 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)

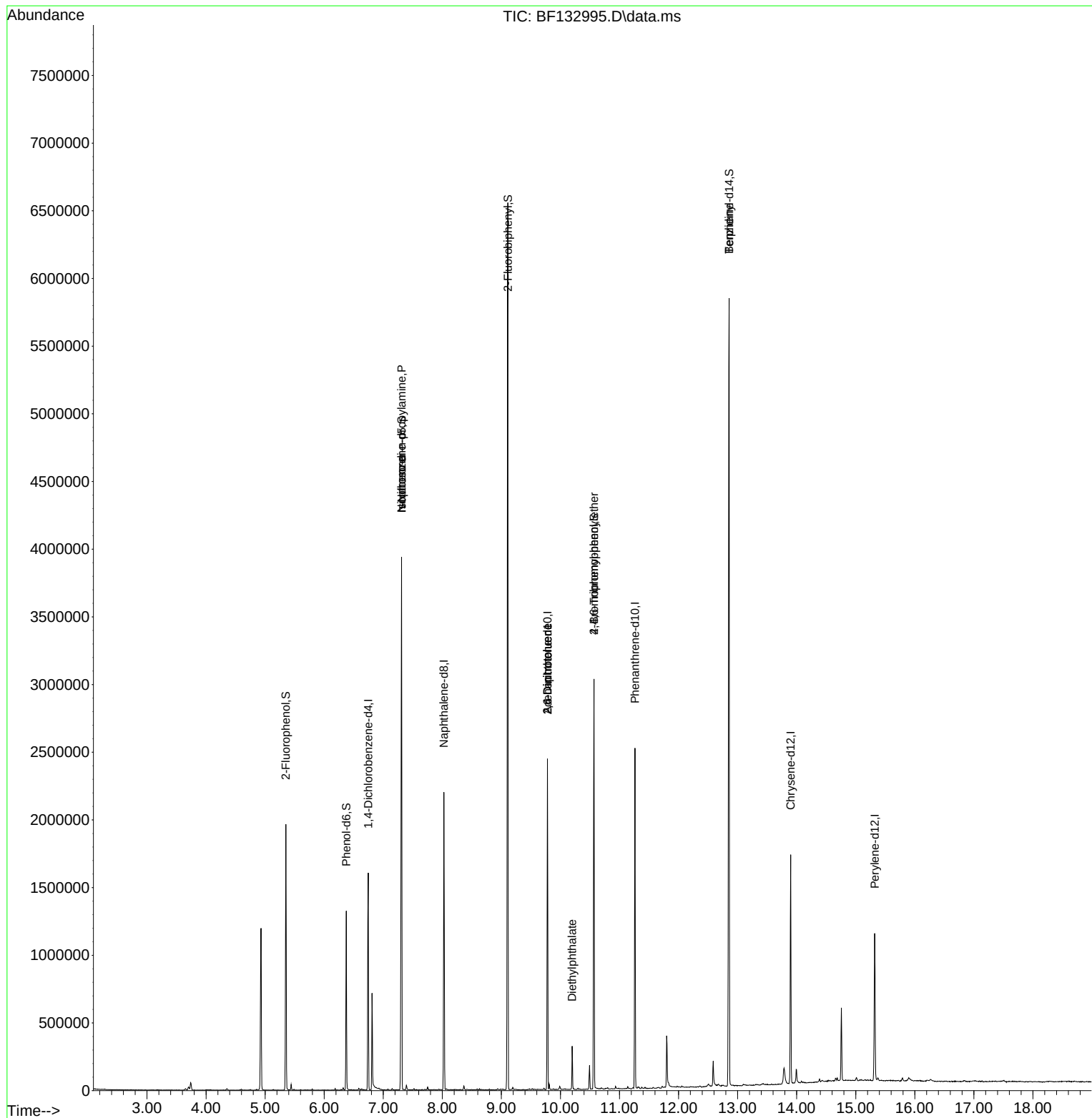
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	212259	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	851042	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	441369	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	783275	20.000	ng	0.00
76) Chrysene-d12	13.898	240	500024	20.000	ng	-0.01
86) Perylene-d12	15.321	264	429247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	495592	35.270	ng	0.00
7) Phenol-d6	6.375	99	360901	20.693	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1241807	78.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	334351	75.324	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2013291	76.313	ng	0.00
79) Terphenyl-d14	12.857	244	2198817	75.841	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	858	Below Cal	#	86
19) n-Nitroso-di-n-propyla...	7.310	70	164374	15.139	ng	# 80
25) Isophorone	7.310	82	1241392	41.469	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	56899	8.214	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	56899	6.441	ng	# 24
60) Diethylphthalate	10.198	149	95326	3.279	ng	# 98
67) 4-Bromophenyl-phenylether	10.569	248	21163	2.491	ng	# 1
77) Benzidine	12.857	184	26150	3.093	ng	# 91

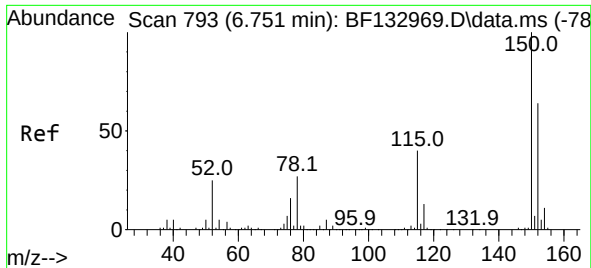
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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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
Response via : Initial Calibration

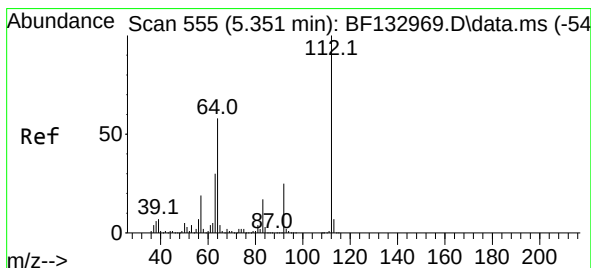
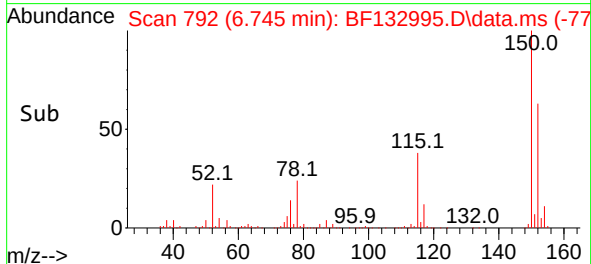
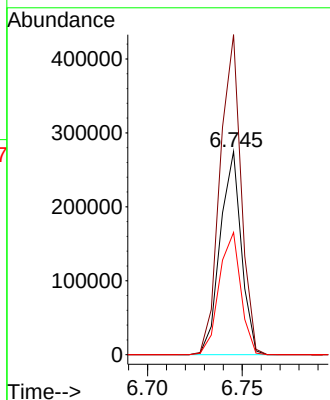
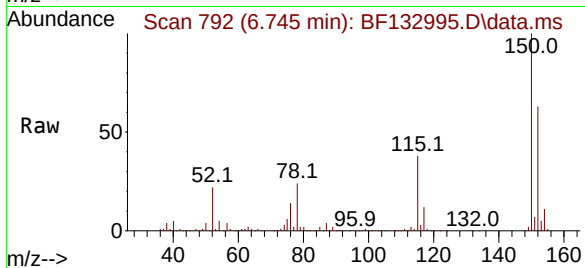




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF132995.D
 Acq: 24 Apr 2023 15:06

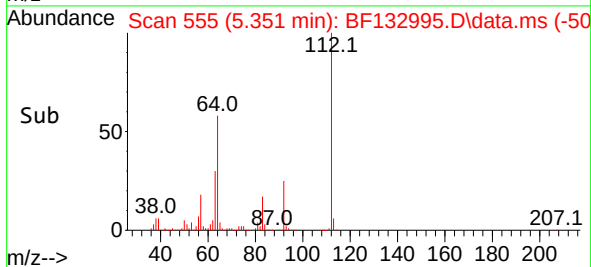
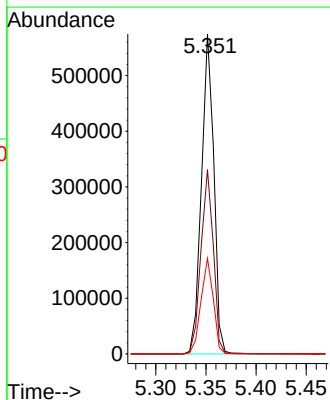
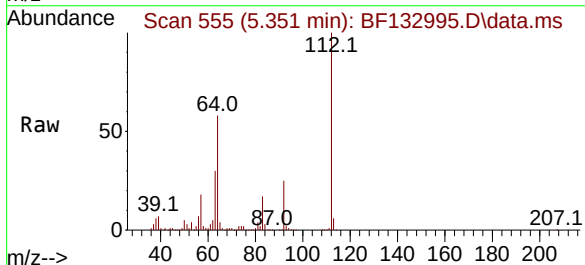
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

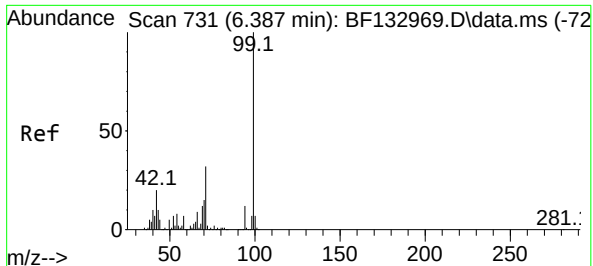
Tgt Ion:152 Resp: 212259
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 35.270 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF132995.D
 Acq: 24 Apr 2023 15:06

Tgt Ion:112 Resp: 495592
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.8 70.2
 63 29.9 23.8 35.8

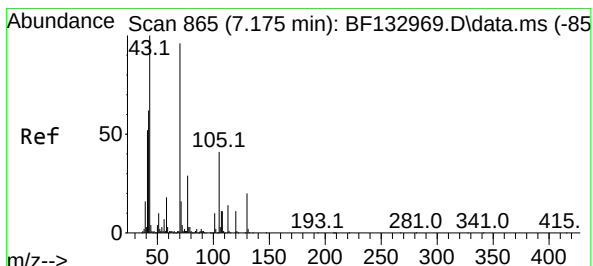
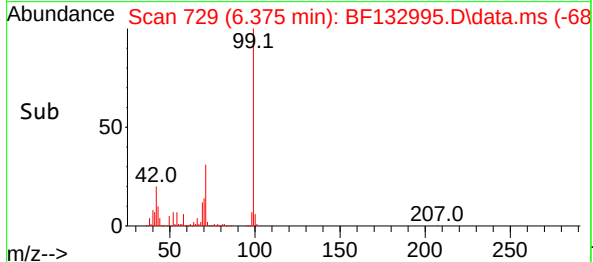
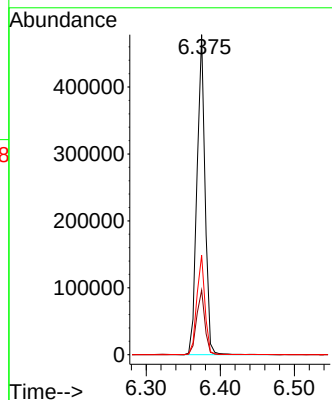
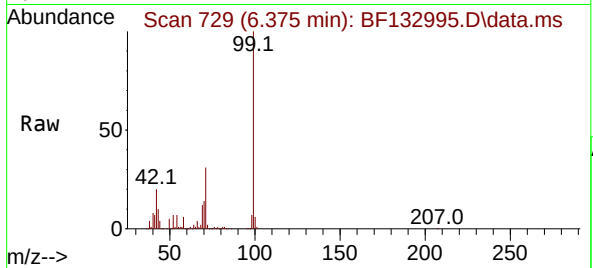




#7
Phenol-d6
Concen: 20.693 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

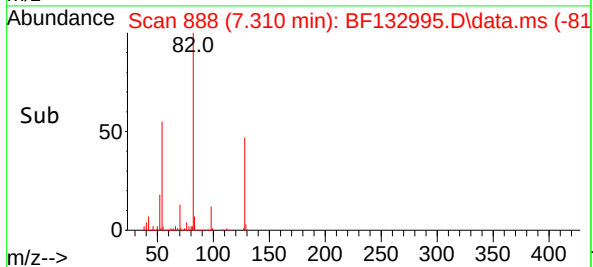
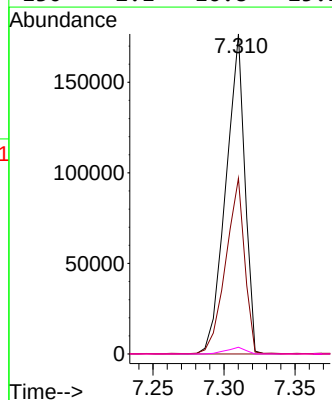
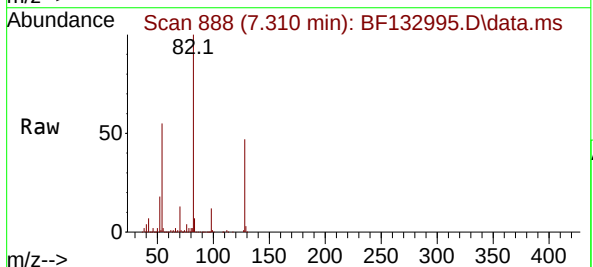
Instrument :
BNA_F
ClientSampleId :
TWP-02

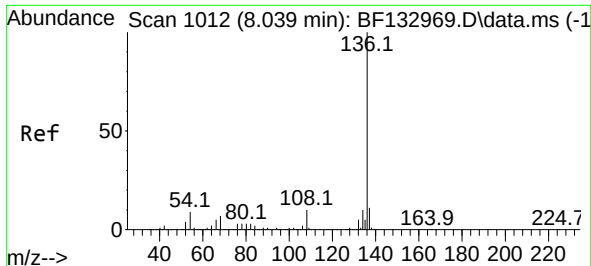
Tgt Ion: 99 Resp: 360901
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 31.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.139 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion: 70 Resp: 164374
Ion Ratio Lower Upper
70 100
42 54.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

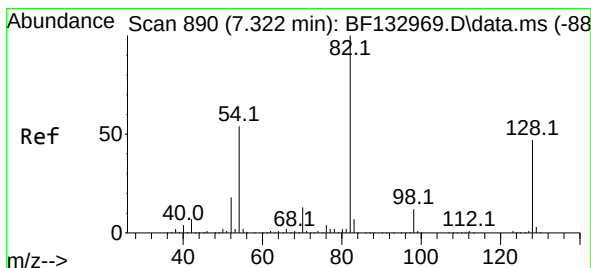
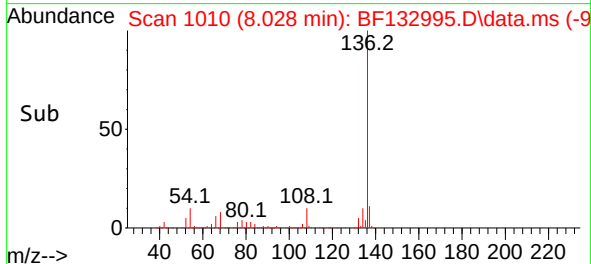
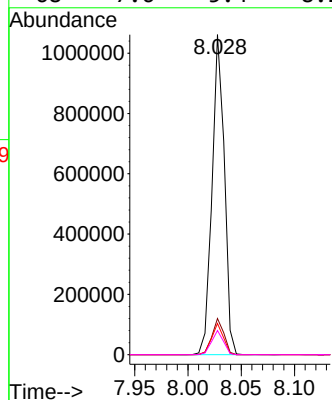
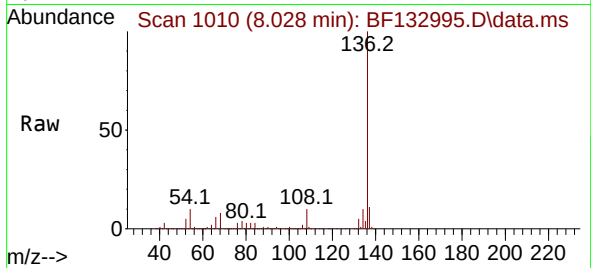




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

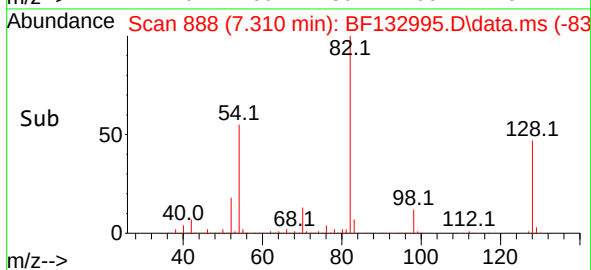
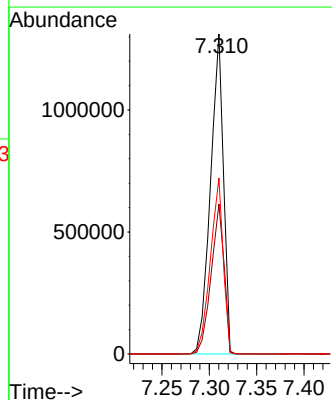
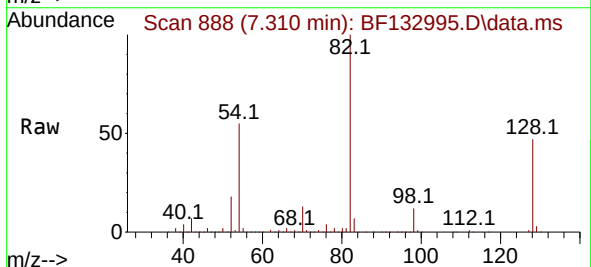
Instrument :
BNA_F
ClientSampleId :
TWP-02

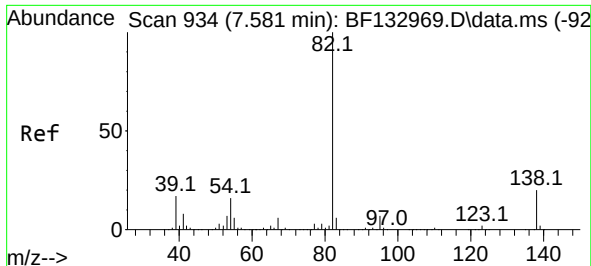
Tgt Ion:136 Resp: 851042
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.7 7.0 10.4
68 7.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 78.761 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion: 82 Resp: 1241807
Ion Ratio Lower Upper
82 100
128 46.8 37.7 56.5
54 55.0 43.0 64.4

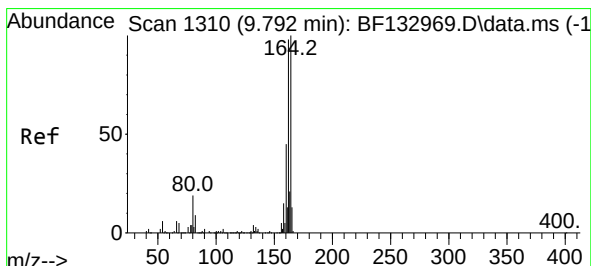
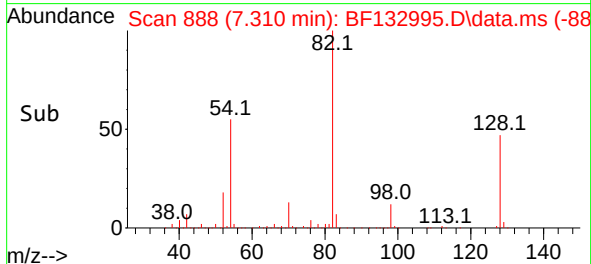
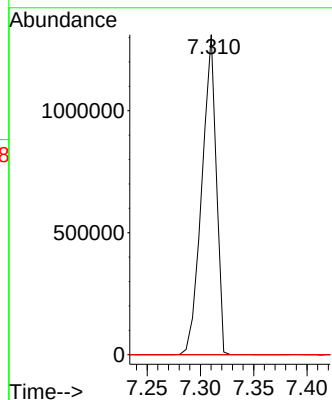
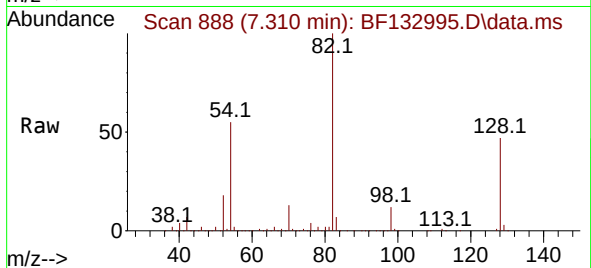




#25
Isophorone
Concen: 41.469 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

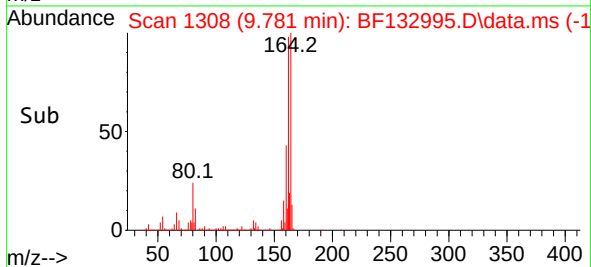
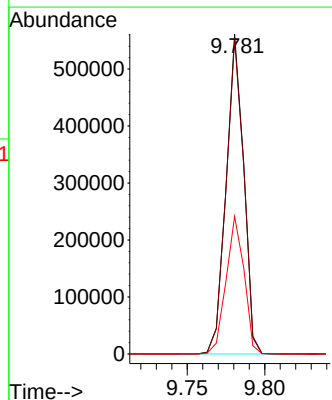
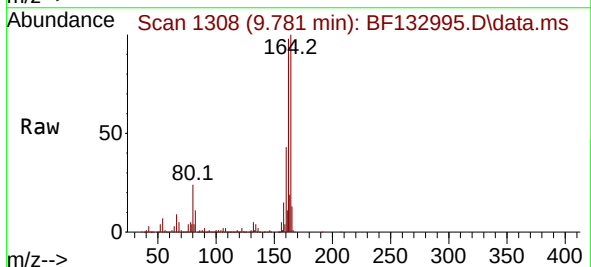
Instrument :
BNA_F
ClientSampleId :
TWP-02

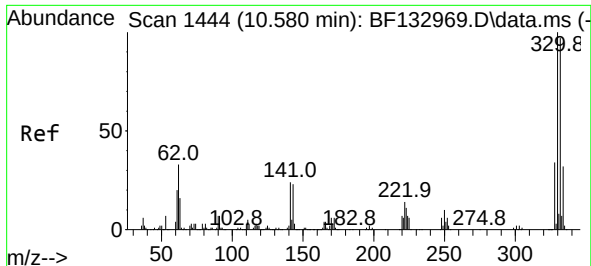
Tgt Ion: 82 Resp: 1241392
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion:164 Resp: 441369
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 43.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 75.324 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132995.D

Acq: 24 Apr 2023 15:06

Instrument :

BNA_F

ClientSampleId :

TWP-02

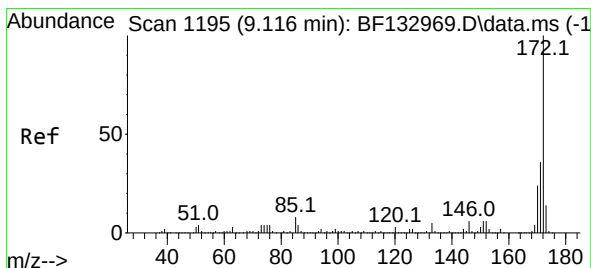
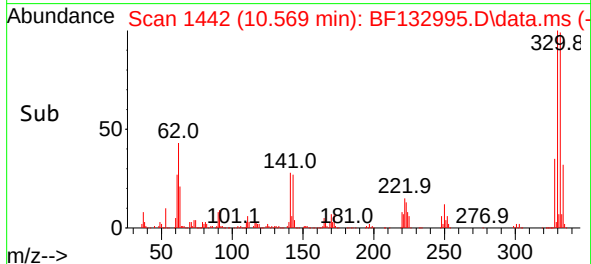
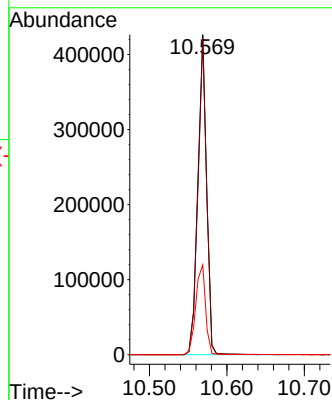
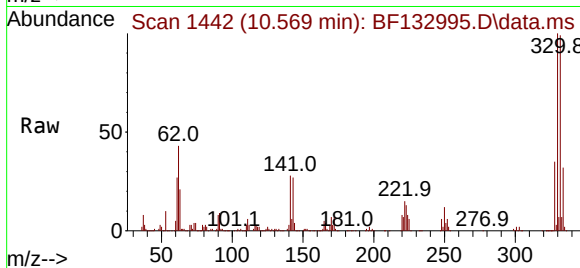
Tgt Ion:330 Resp: 334351

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 76.313 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132995.D

Acq: 24 Apr 2023 15:06

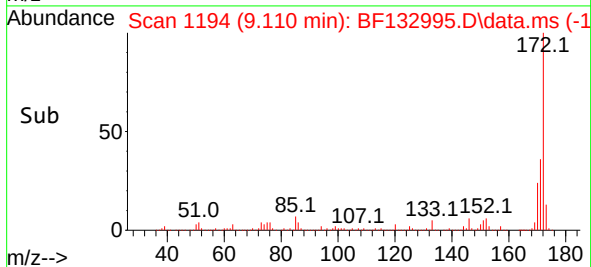
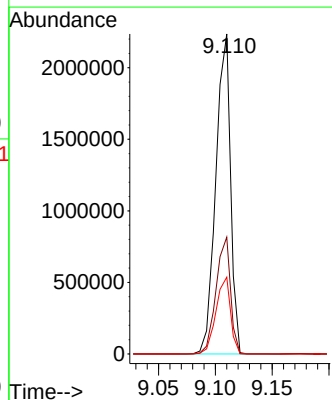
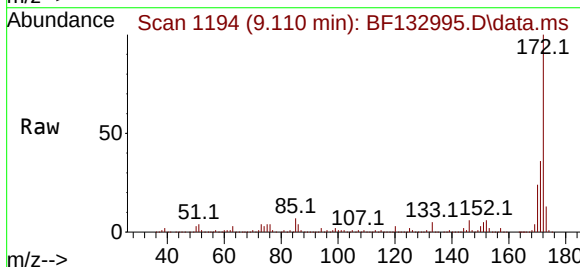
Tgt Ion:172 Resp: 2013291

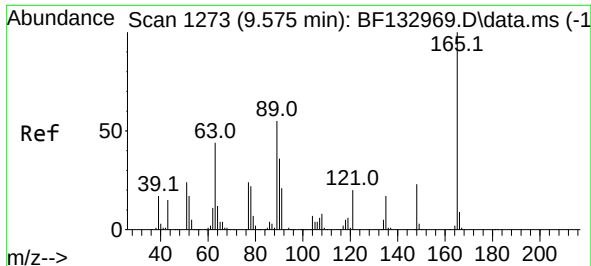
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.0 19.4 29.2

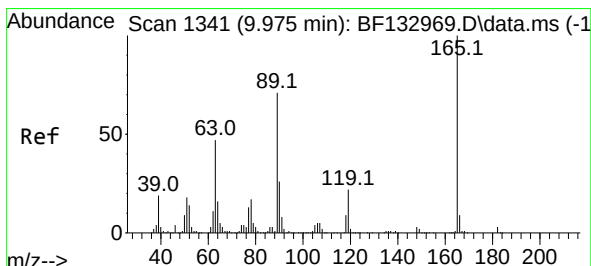
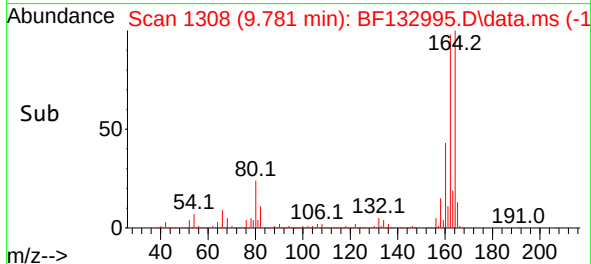
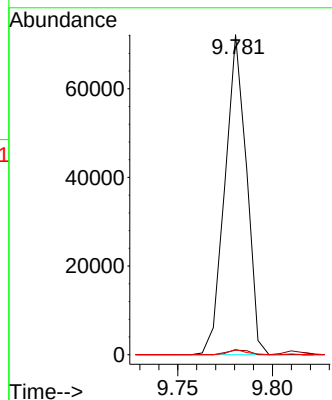
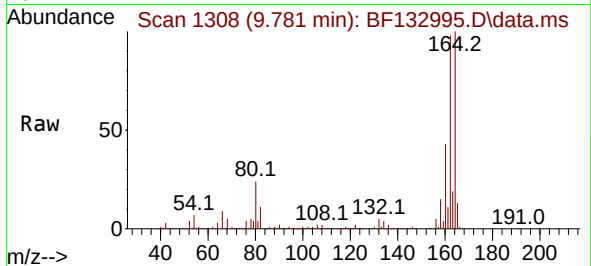




#51
2,6-Dinitrotoluene
Concen: 8.214 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

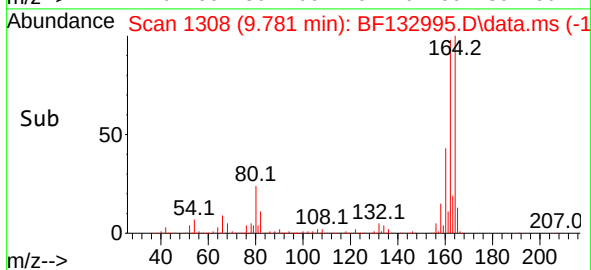
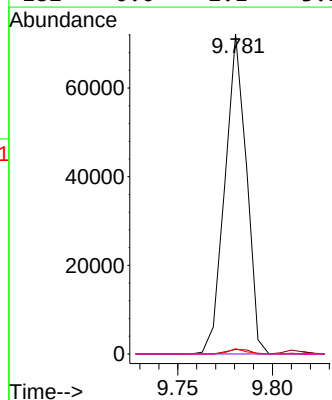
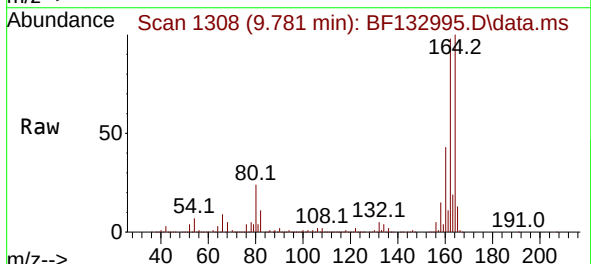
Instrument :
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TWP-02

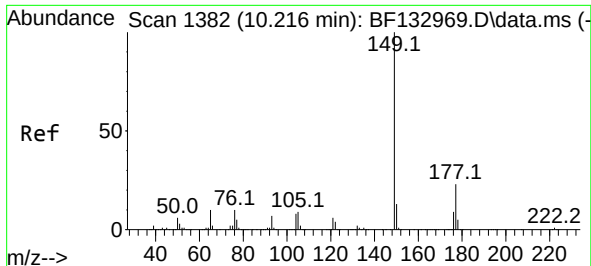
Tgt Ion:165 Resp: 56899
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.7 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.441 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion:165 Resp: 56899
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.7 57.0 85.4#
182 0.0 2.1 3.1#

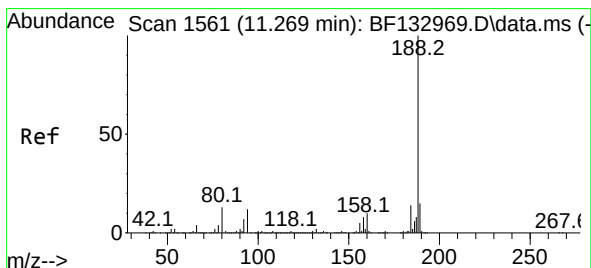
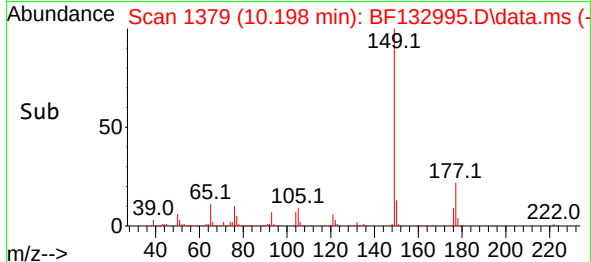
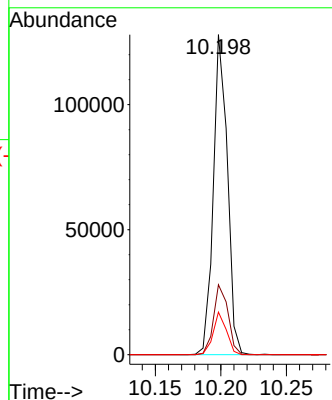
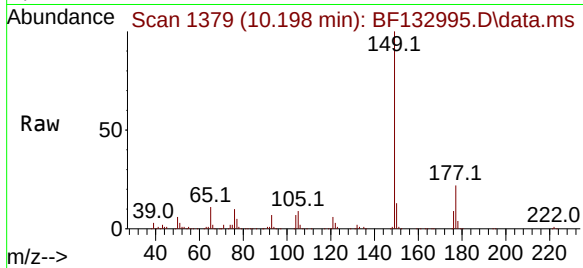




#60
Diethylphthalate
Concen: 3.279 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

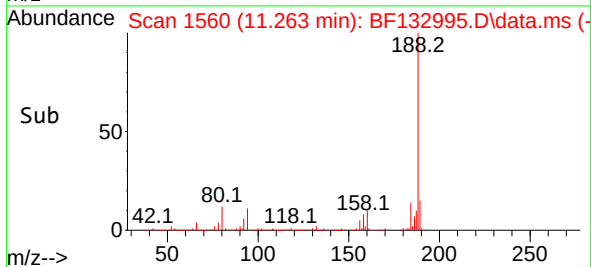
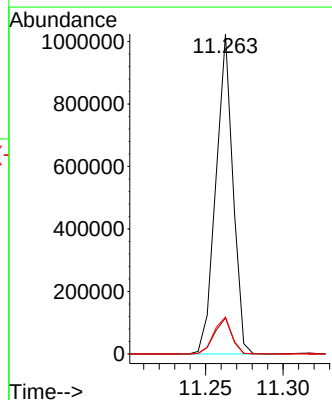
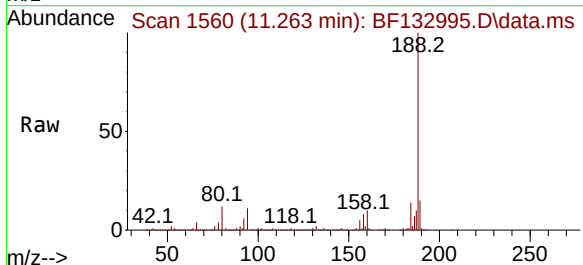
Instrument :
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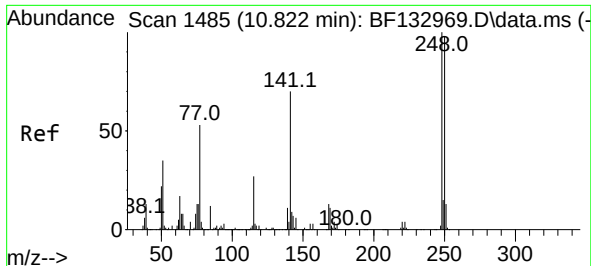
Tgt Ion:149 Resp: 95326
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 13.3 10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion:188 Resp: 783275
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.6 10.4 15.6

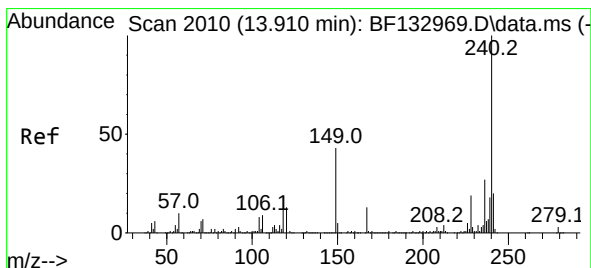
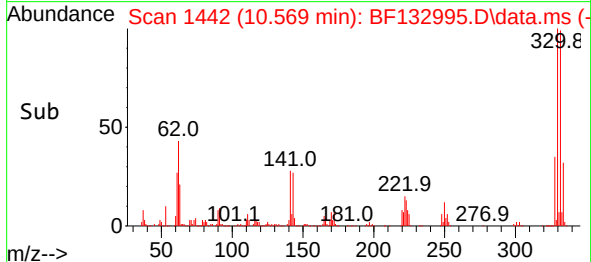
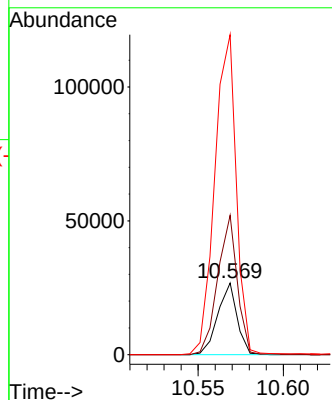
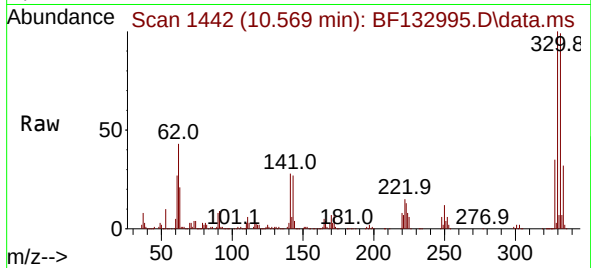




#67
4-Bromophenyl-phenylether
Concen: 2.491 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.253 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

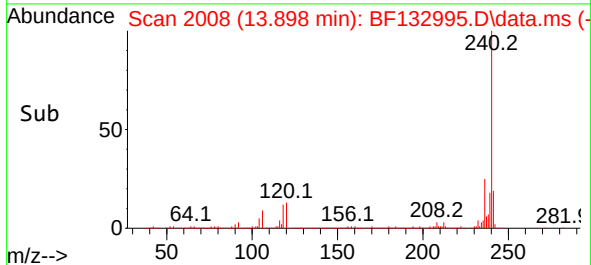
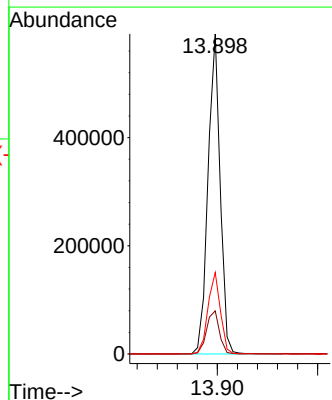
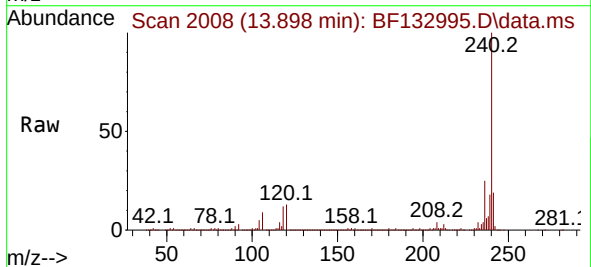
Instrument :
BNA_F
ClientSampleId :
TWP-02

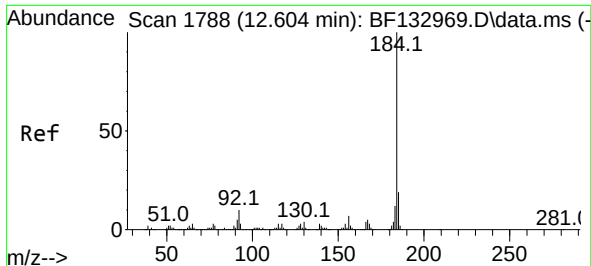
Tgt Ion:248 Resp: 21163
Ion Ratio Lower Upper
248 100
250 194.2 78.7 118.1#
141 446.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion:240 Resp: 500024
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 25.5 21.5 32.3

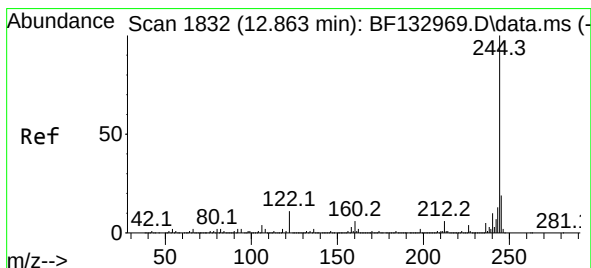
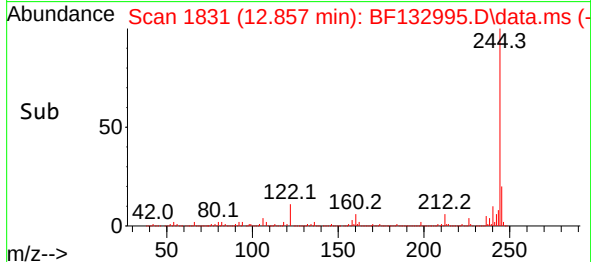
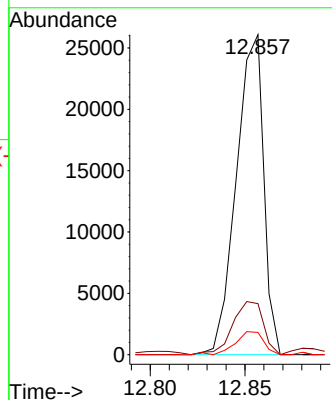
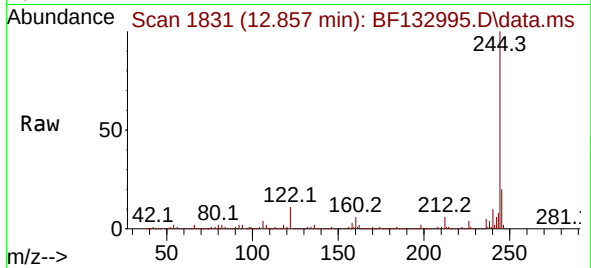




#77
Benzidine
Concen: 3.093 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

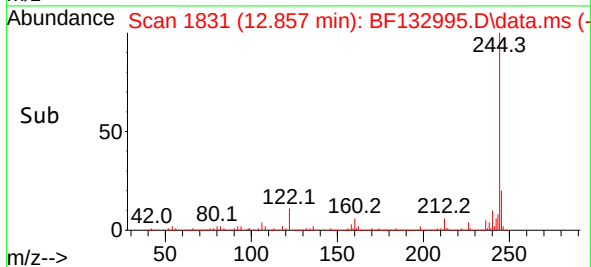
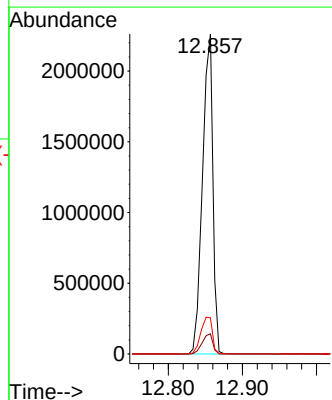
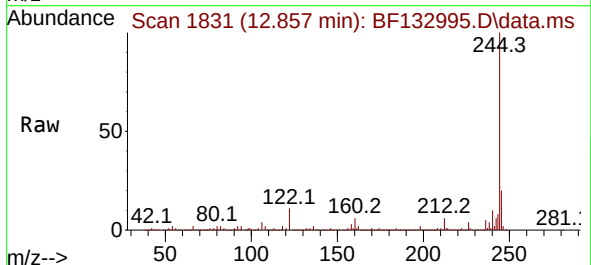
Instrument :
BNA_F
ClientSampleId :
TWP-02

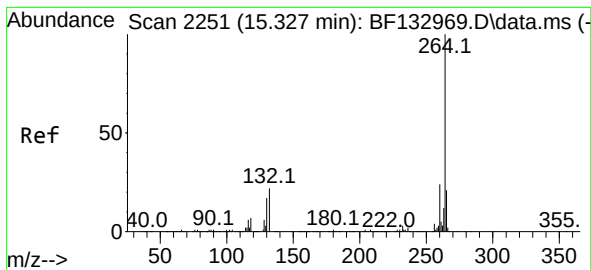
Tgt Ion:184 Resp: 26150
Ion Ratio Lower Upper
184 100
185 16.0 15.4 23.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.841 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132995.D
Acq: 24 Apr 2023 15:06

Tgt Ion:244 Resp: 2198817
Ion Ratio Lower Upper
244 100
212 6.3 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: BF132995.D

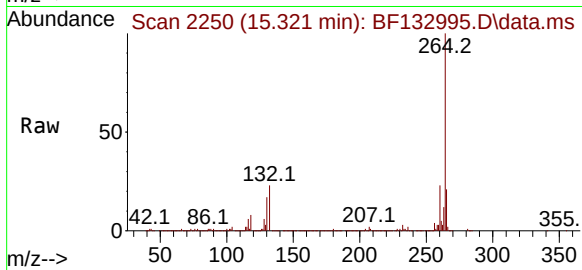
Acq: 24 Apr 2023 15:06

Instrument :

BNA_F

ClientSampleId :

TWP-02



Tgt Ion:264 Resp: 429247

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.8 17.0 25.4

