

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132992.D
 Acq On : 24 Apr 2023 13:28
 Operator : CG\JU
 Sample : PB152338BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BL

Quant Time: Apr 24 14:23:33 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)

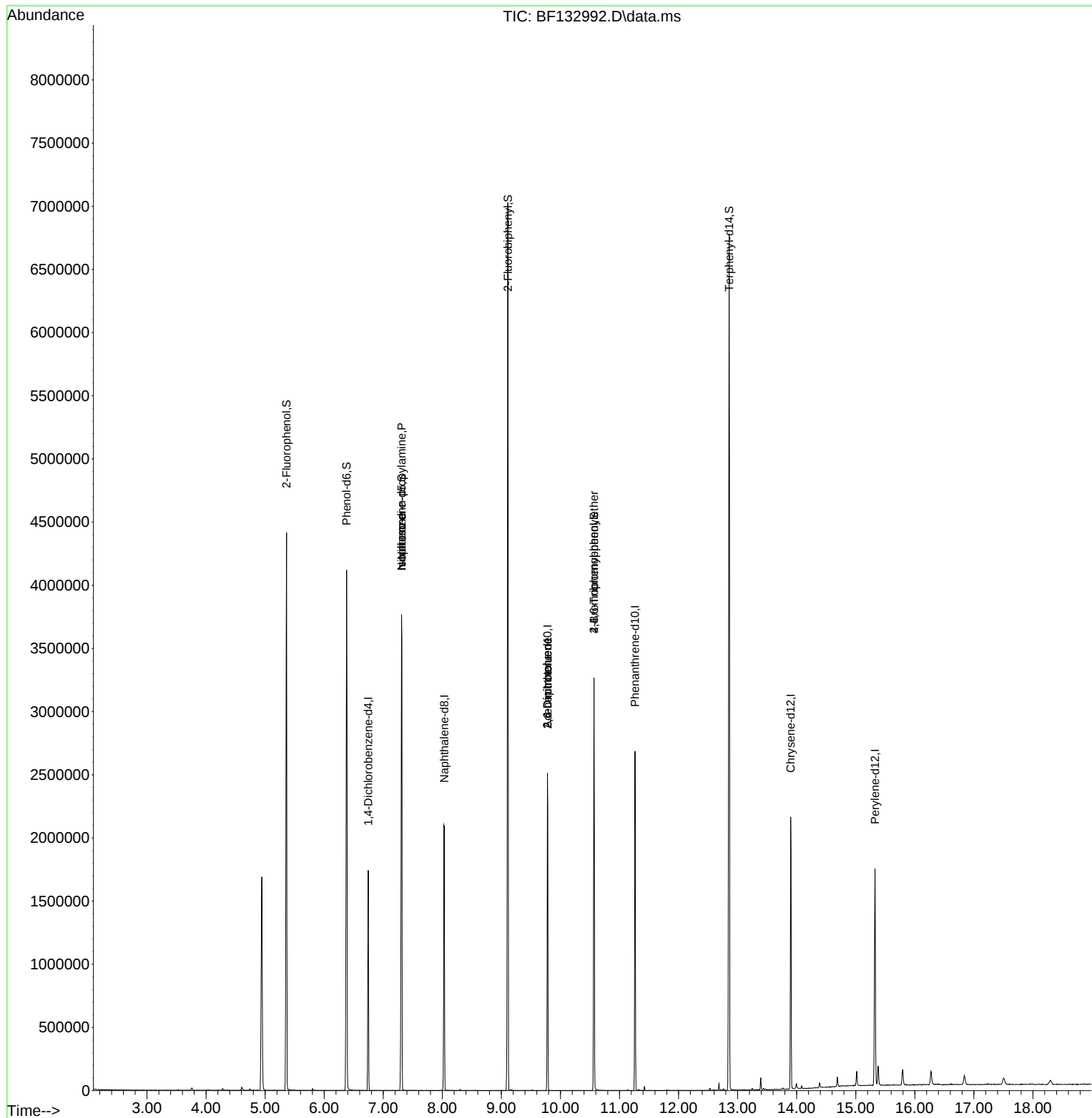
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	221604	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	933876	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	512968	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	902736	20.000	ng	0.00
76) Chrysene-d12	13.898	240	716359	20.000	ng	-0.01
86) Perylene-d12	15.327	264	690671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1255495	85.583	ng	0.01
7) Phenol-d6	6.381	99	1542504	84.714	ng	0.00
23) Nitrobenzene-d5	7.310	82	1373202	79.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	379491	73.561	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2260319	73.718	ng	0.00
79) Terphenyl-d14	12.857	244	2677535	64.463	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	2506	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.310	70	182223	16.075	ng	# 78
25) Isophorone	7.310	82	1363783	41.516	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	65656	8.156	ng	# 24
57) 2,4-Dinitrotoluene	9.781	165	65656	6.395	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	23499	2.400	ng	# 1

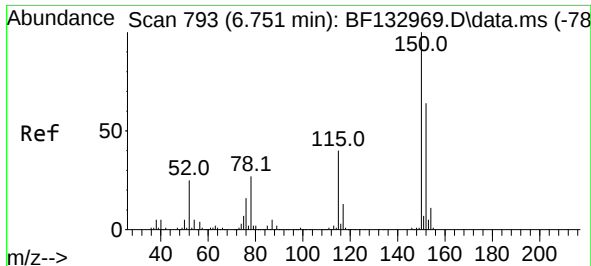
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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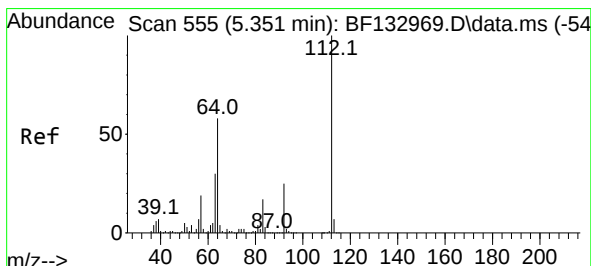
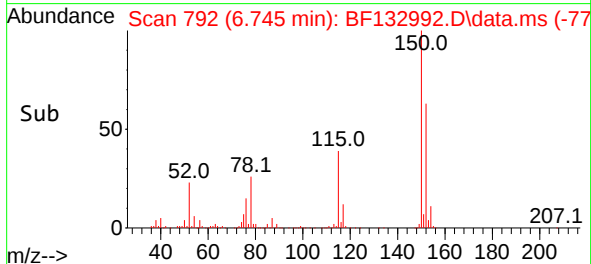
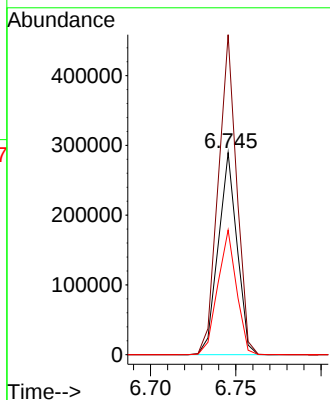
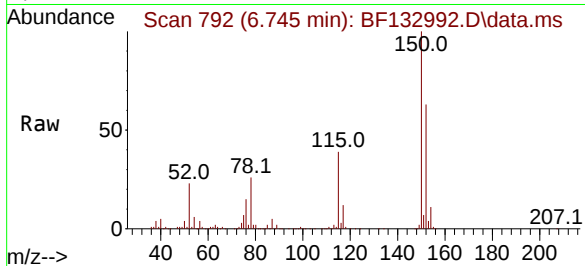




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

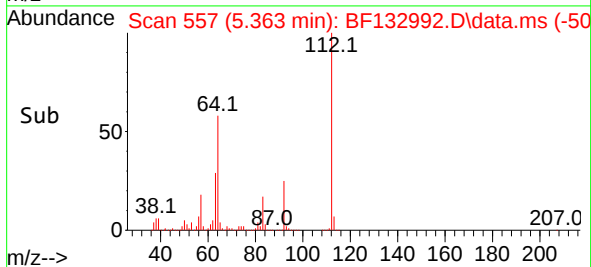
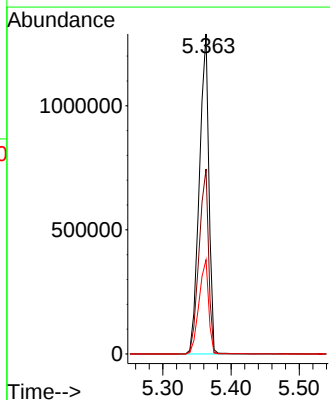
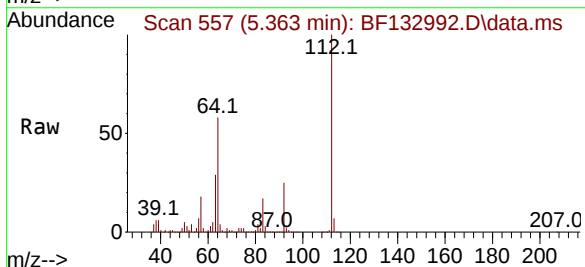
Instrument :
BNA_F
ClientSampleId :
PB152338BL

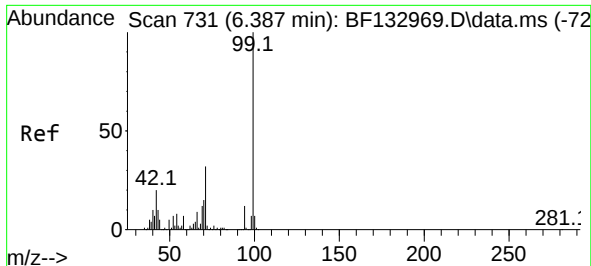
Tgt Ion:152 Resp: 221604
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 85.583 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion:112 Resp: 1255495
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 29.5 23.8 35.8

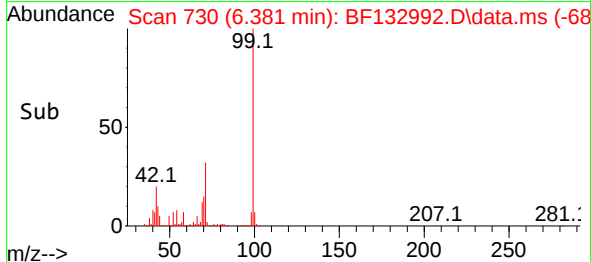
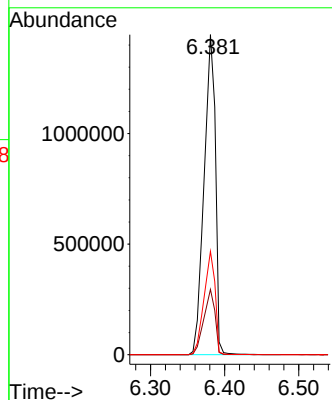
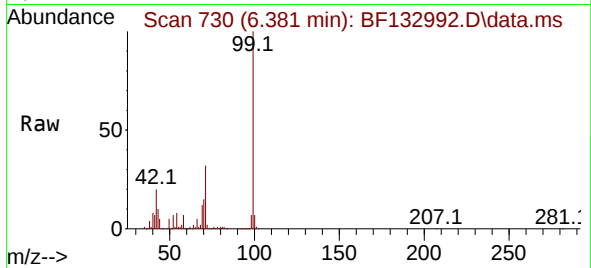




#7
Phenol-d6
Concen: 84.714 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

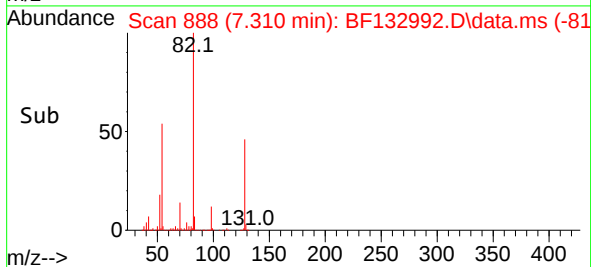
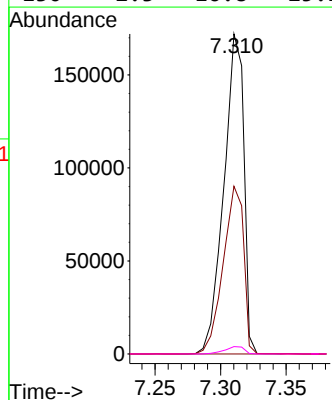
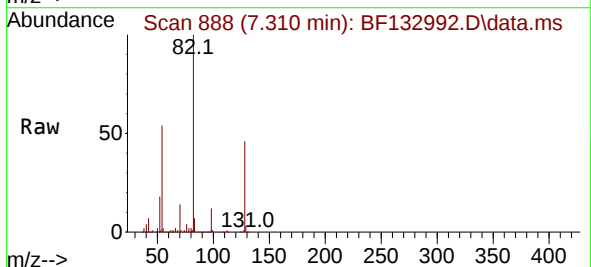
Instrument :
BNA_F
ClientSampleId :
PB152338BL

Tgt Ion: 99 Resp: 1542504
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.075 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion: 70 Resp: 182223
Ion Ratio Lower Upper
70 100
42 52.4 51.8 77.6
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

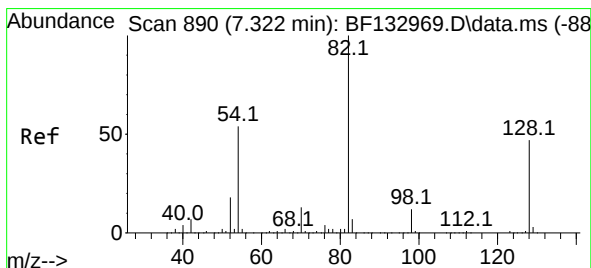
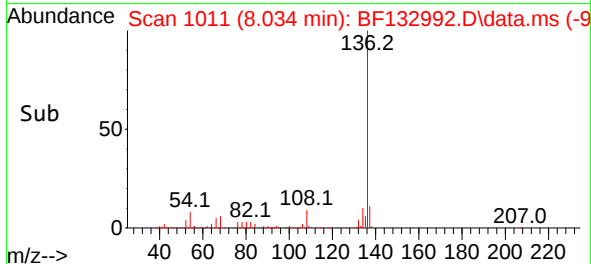
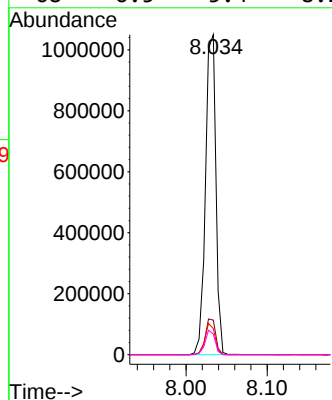
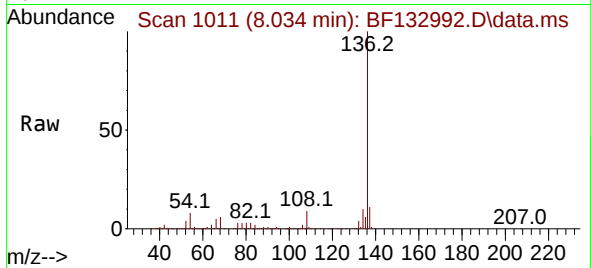




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

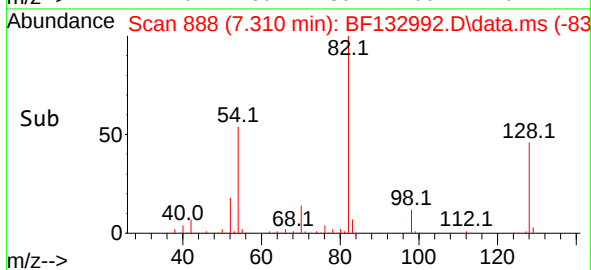
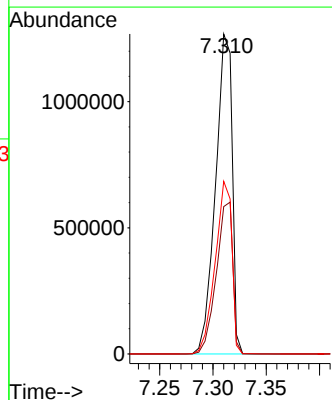
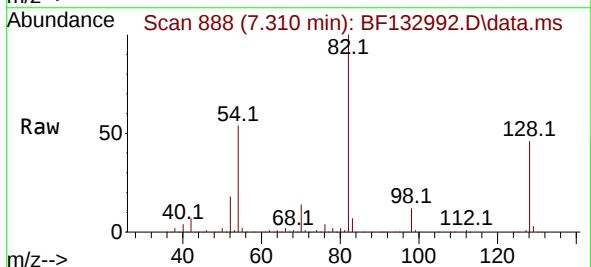
Instrument :
BNA_F
ClientSampleId :
PB152338BL

Tgt Ion:136 Resp: 933876
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.4
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 79.369 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion: 82 Resp: 1373202
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 54.0 43.0 64.4

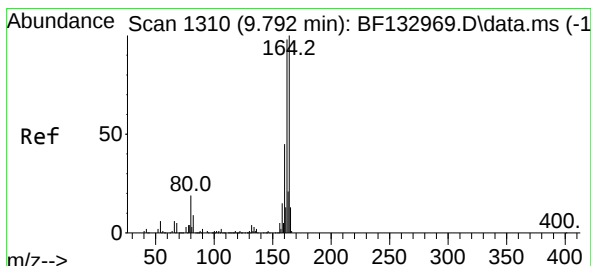
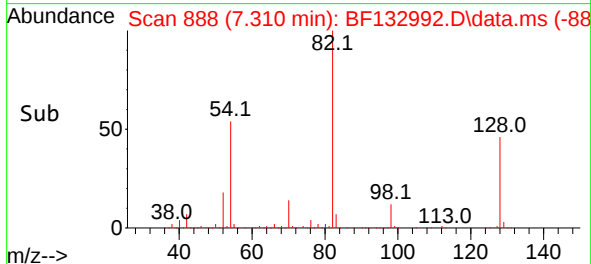
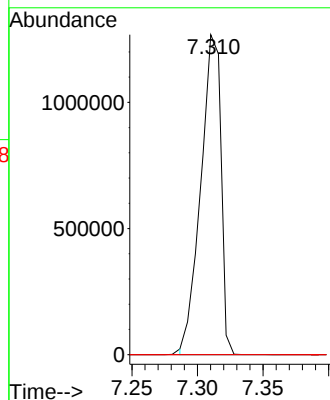
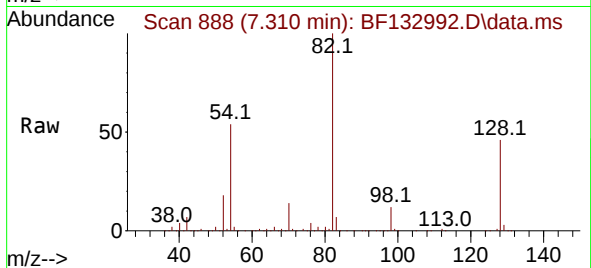




#25
Isophorone
Concen: 41.516 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

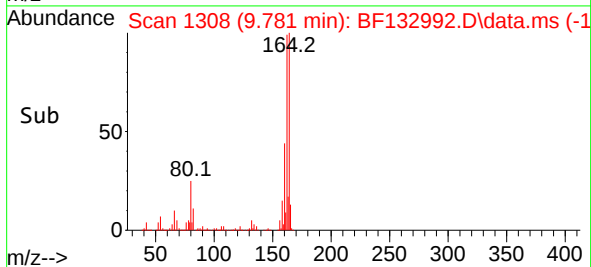
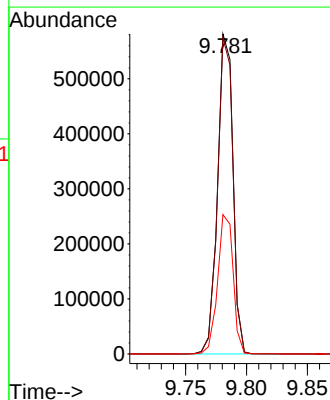
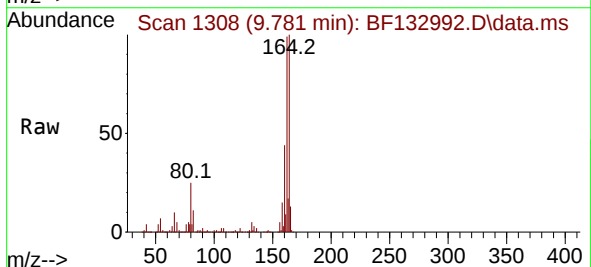
Instrument :
BNA_F
ClientSampleId :
PB152338BL

Tgt Ion: 82 Resp: 1363783
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: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion:164 Resp: 512968
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 73.561 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152338BL

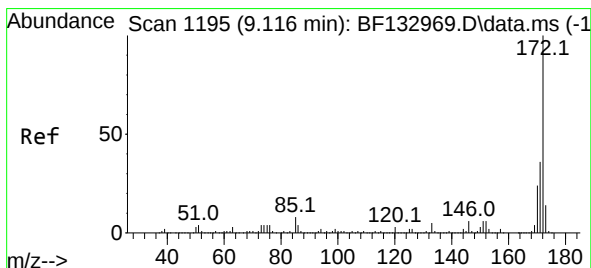
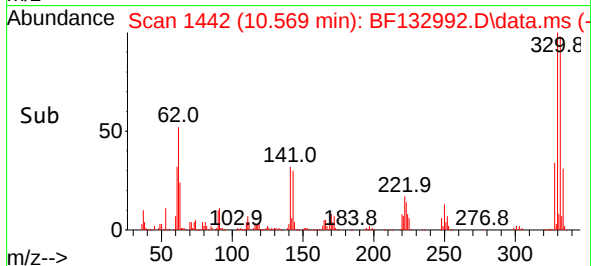
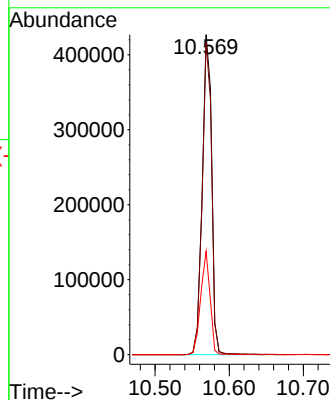
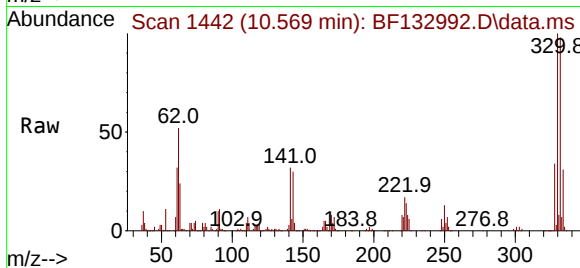
Tgt Ion:330 Resp: 379491

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 32.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 73.718 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

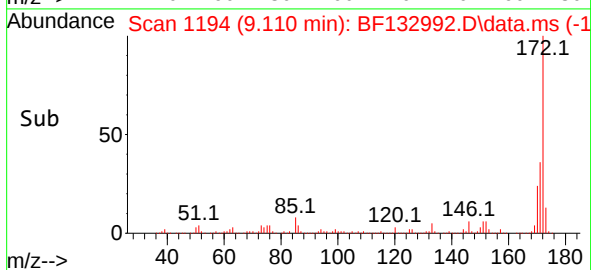
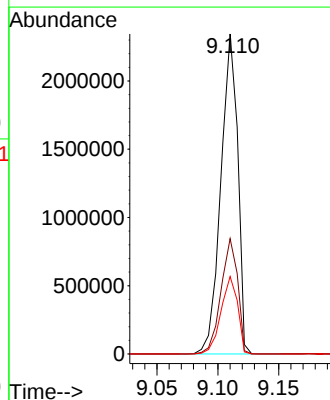
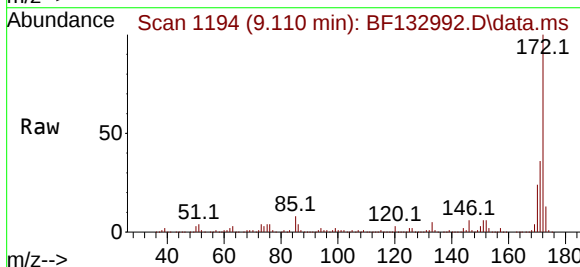
Tgt Ion:172 Resp: 2260319

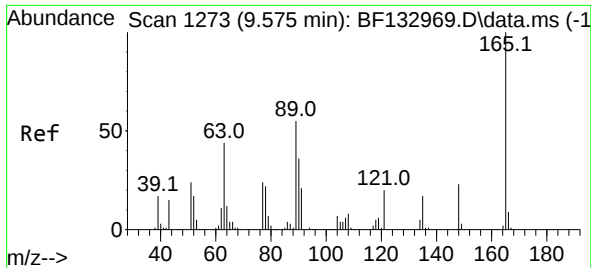
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.4 29.2

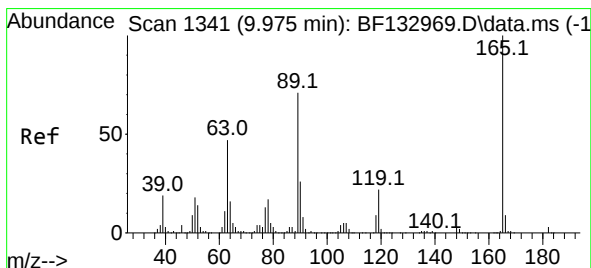
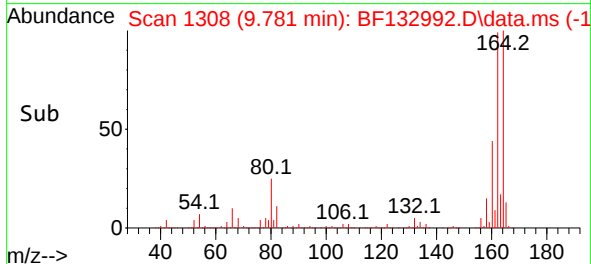
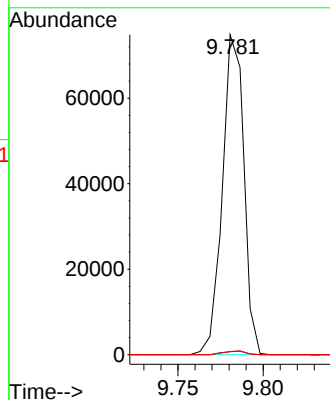
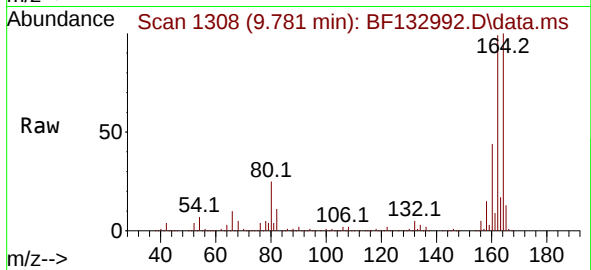




#51
2,6-Dinitrotoluene
Concen: 8.156 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

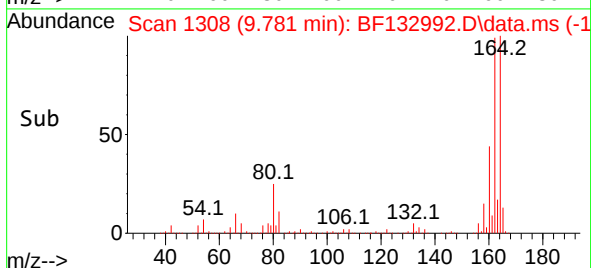
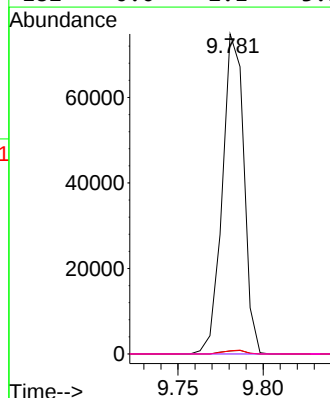
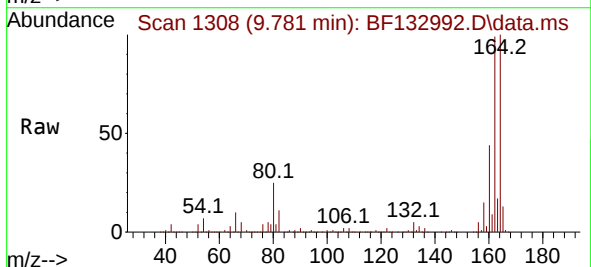
Instrument :
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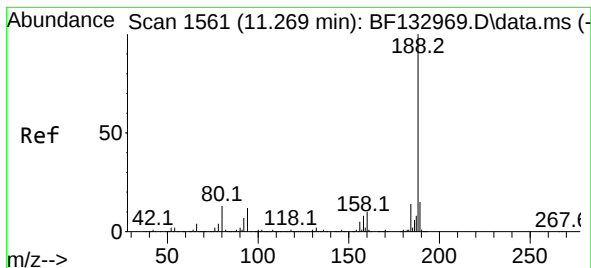
Tgt Ion:165 Resp: 65656
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.0 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.395 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion:165 Resp: 65656
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152338BL

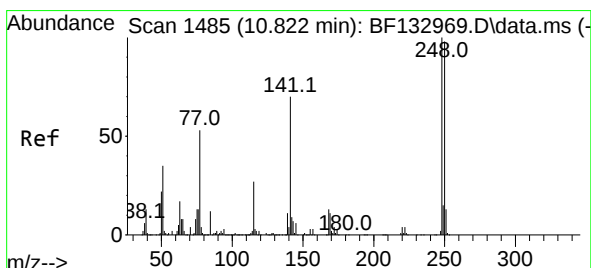
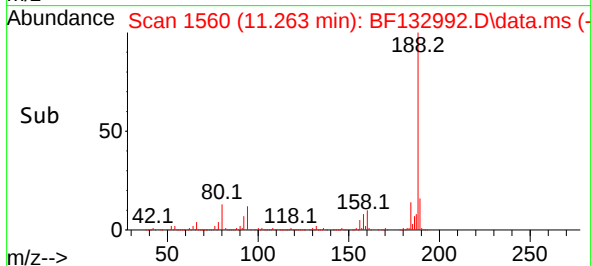
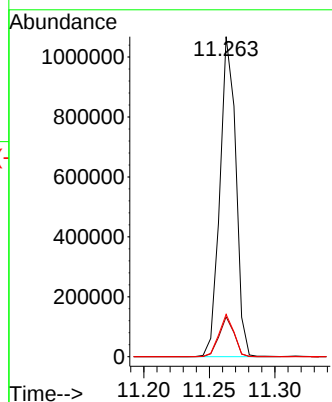
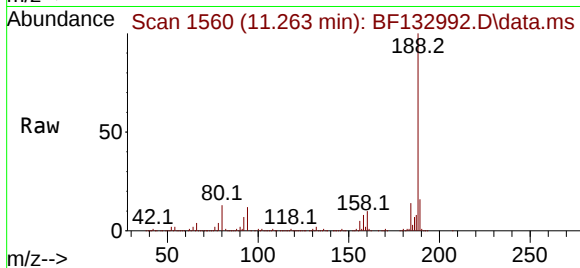
Tgt Ion:188 Resp: 902736

Ion Ratio Lower Upper

188 100

94 12.5 9.7 14.5

80 13.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.400 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

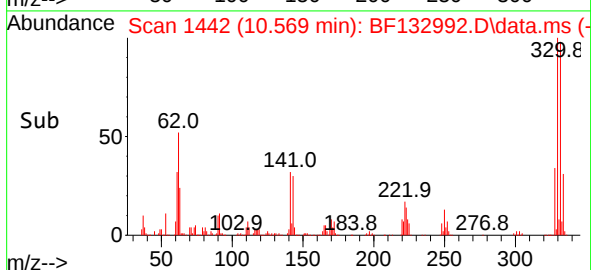
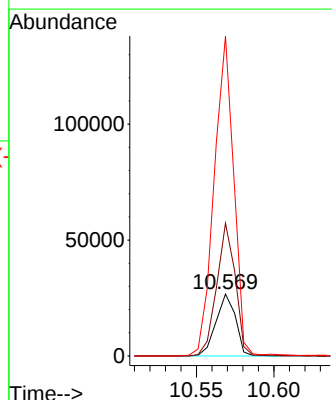
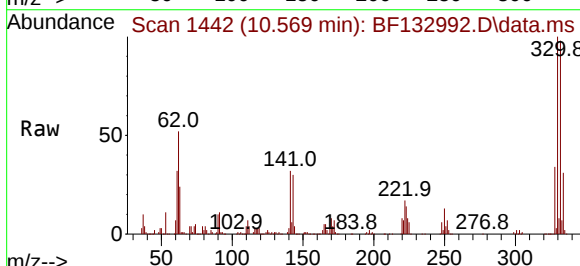
Tgt Ion:248 Resp: 23499

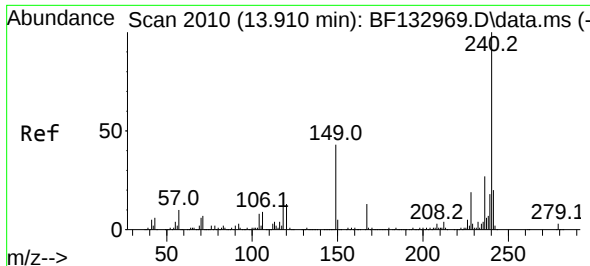
Ion Ratio Lower Upper

248 100

250 214.4 78.7 118.1#

141 516.3 56.3 84.5#

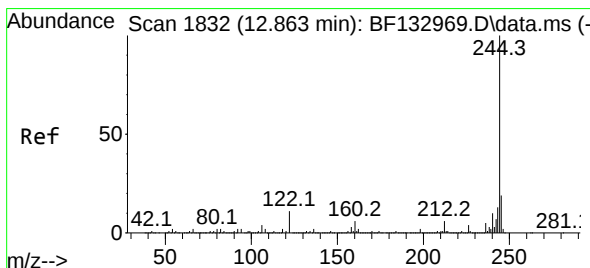
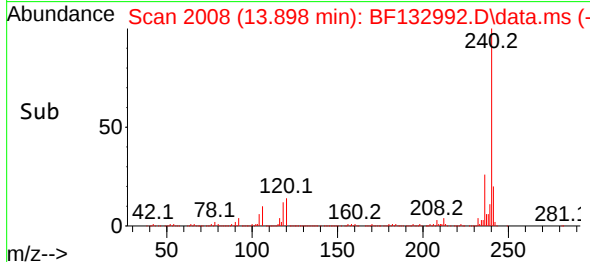
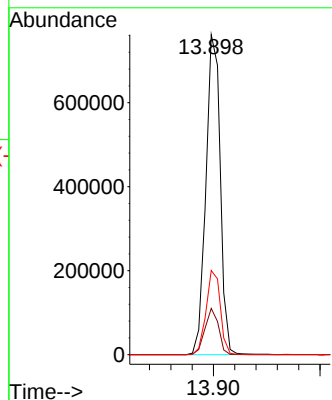
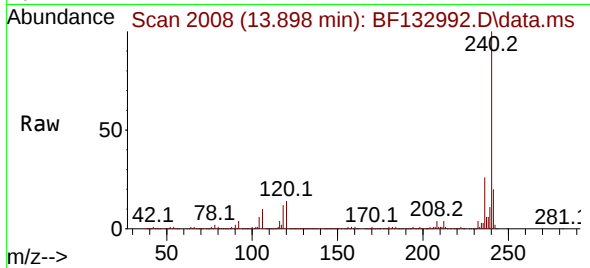




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

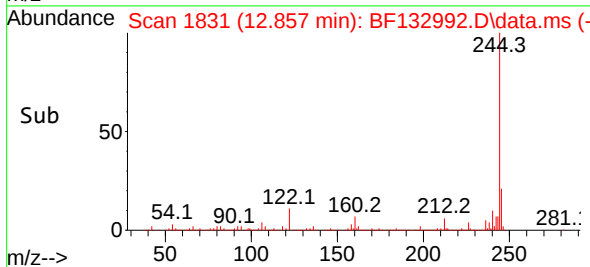
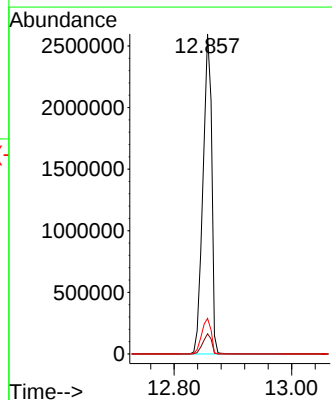
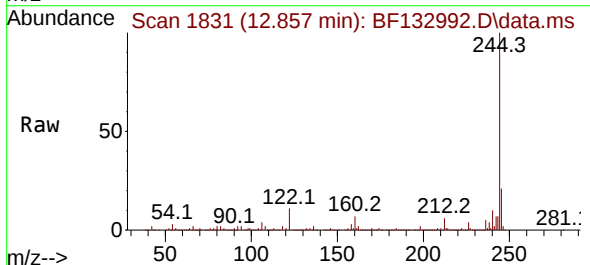
Instrument :
BNA_F
ClientSampleId :
PB152338BL

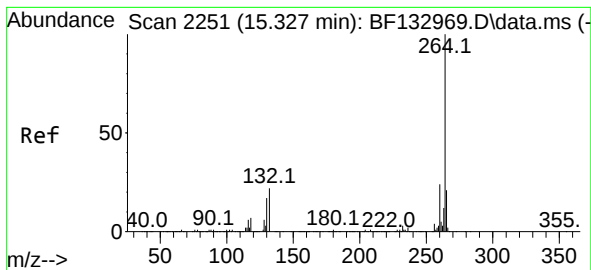
Tgt Ion:240 Resp: 716359
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 64.463 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion:244 Resp: 2677535
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.1 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132992.D

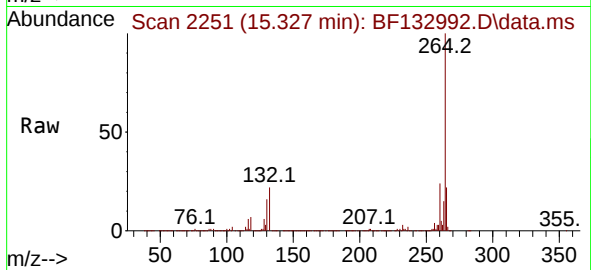
Acq: 24 Apr 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152338BL



Tgt Ion:264 Resp: 690671

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.7 17.0 25.4

