

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133122.D
 Acq On : 28 Apr 2023 14:26
 Operator : CG\JU
 Sample : 02495-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-01

Quant Time: Apr 28 15:13:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

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

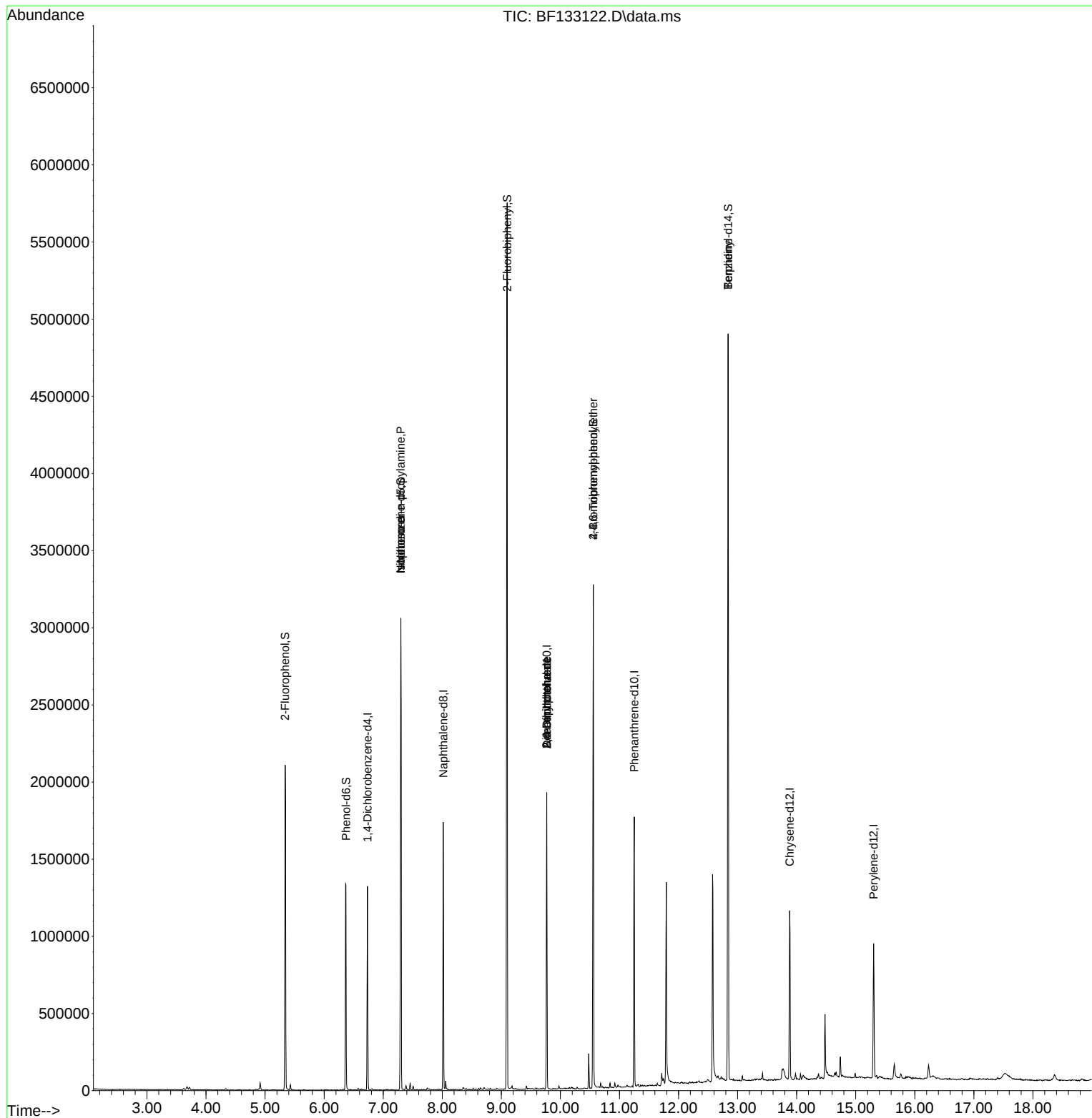
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	166828	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	668752	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	341964	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	610328	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	346614	20.000	ng	-0.01
86) Perylene-d12	15.304	264	350544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	597610	54.113	ng	0.00
7) Phenol-d6	6.369	99	438091	31.960	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1025625	82.781	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	413589	120.261	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1788281	87.489	ng	0.00
79) Terphenyl-d14	12.839	244	1757427	87.445	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.281	77	478	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.298	70	134411	15.751	ng	# 77
25) Isophorone	7.298	82	1024391	43.547	ng	# 63
50) Dimethylphthalate	9.769	163	69084	2.897	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	45789	8.532	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	45789	6.690	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	25558	3.861	ng	# 1
77) Benzidine	12.839	184	20039	3.419	ng	# 90

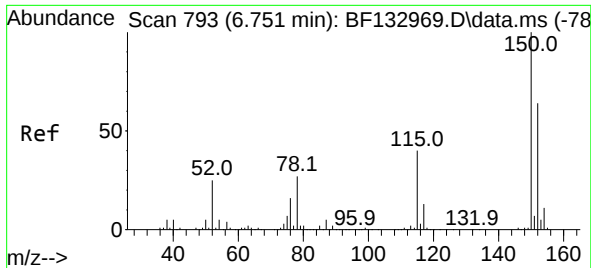
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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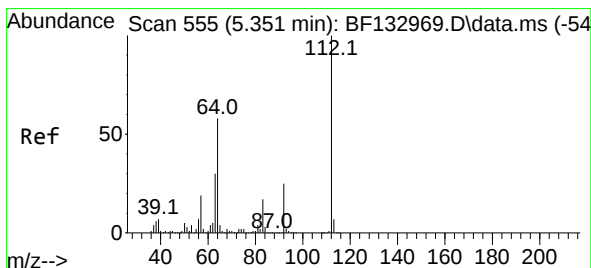
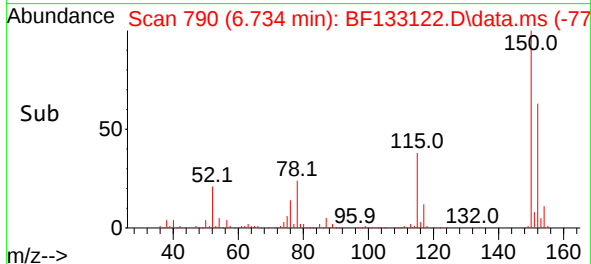
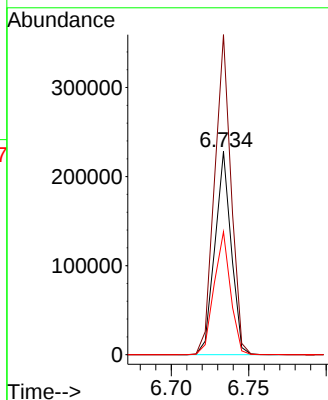
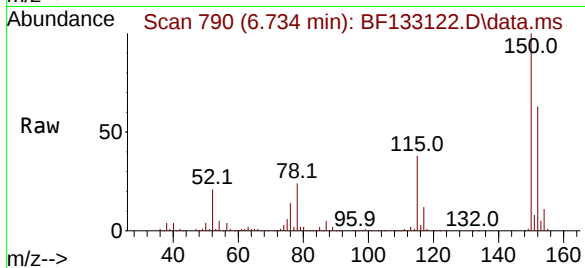




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133122.D
 Acq: 28 Apr 2023 14:26

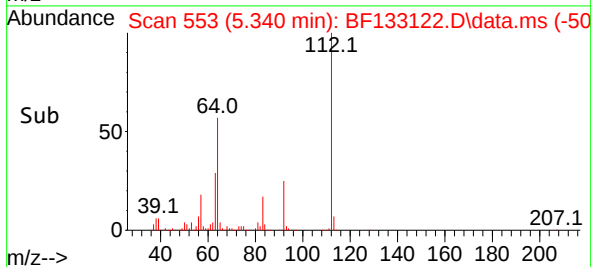
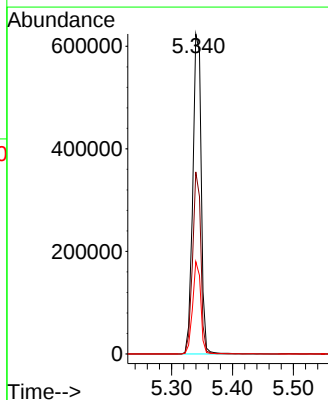
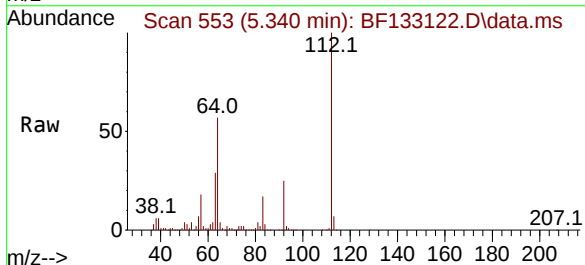
Instrument :
 BNA_F
 ClientSampleId :
 PZ-01

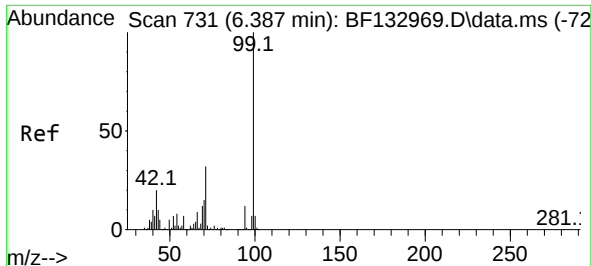
Tgt Ion:152 Resp: 166828
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.8 187.2
 115 60.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 54.113 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.006 min
 Lab File: BF133122.D
 Acq: 28 Apr 2023 14:26

Tgt Ion:112 Resp: 597610
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.8 70.2
 63 28.8 23.8 35.8

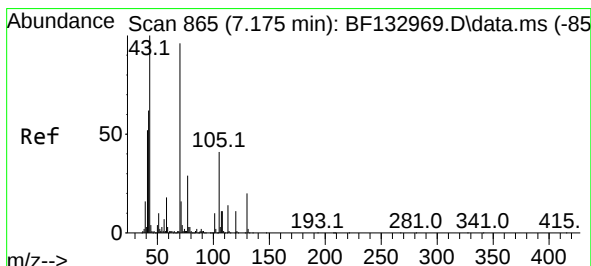
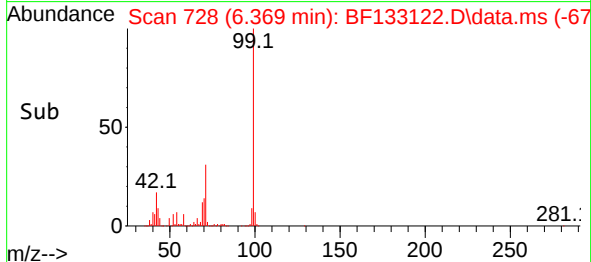
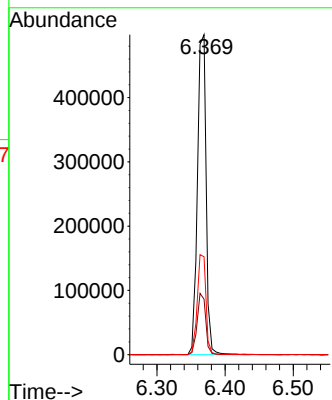
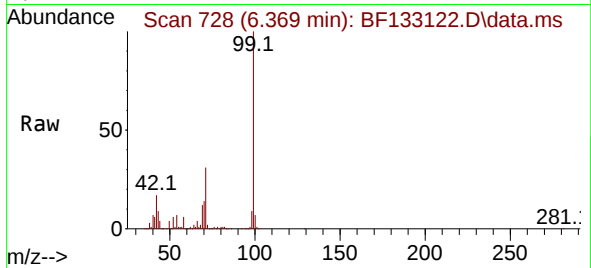




#7
Phenol-d6
Concen: 31.960 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

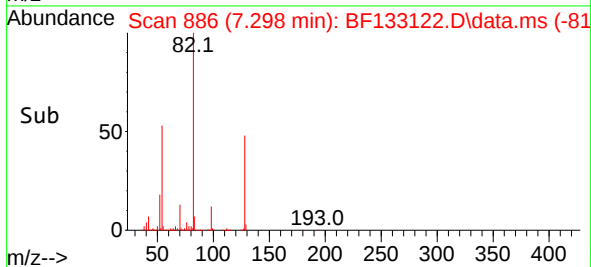
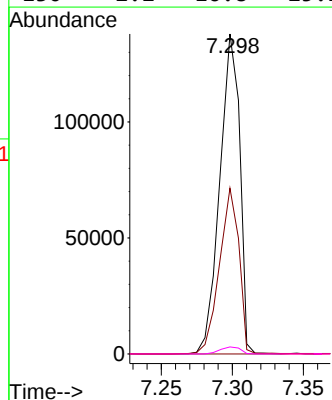
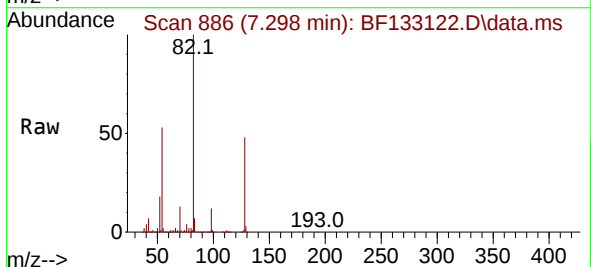
Instrument :
BNA_F
ClientSampleId :
PZ-01

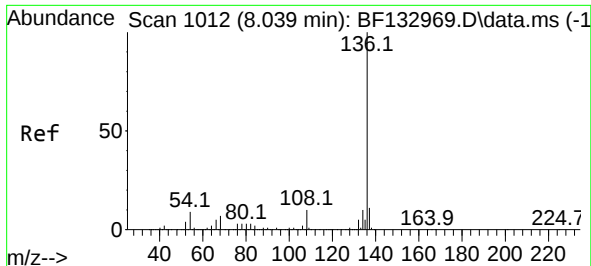
Tgt Ion: 99 Resp: 438091
Ion Ratio Lower Upper
99 100
42 17.3 16.3 24.5
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.751 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion: 70 Resp: 134411
Ion Ratio Lower Upper
70 100
42 51.8 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



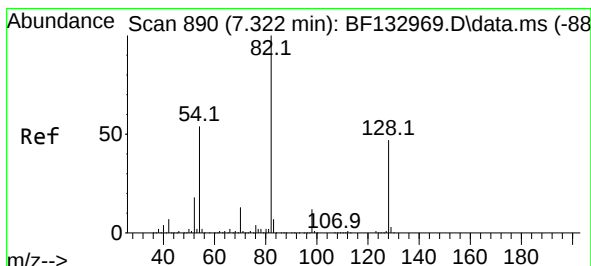
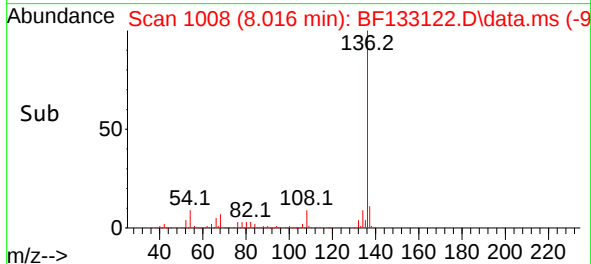
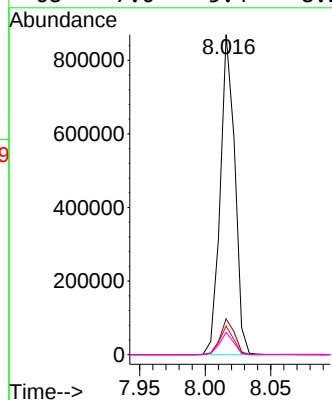
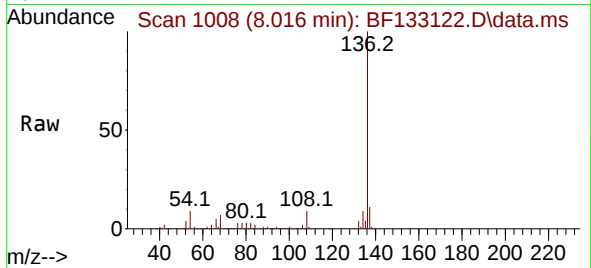


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Instrument :
BNA_F
ClientSampleId :
PZ-01

Tgt Ion:136 Resp: 668752

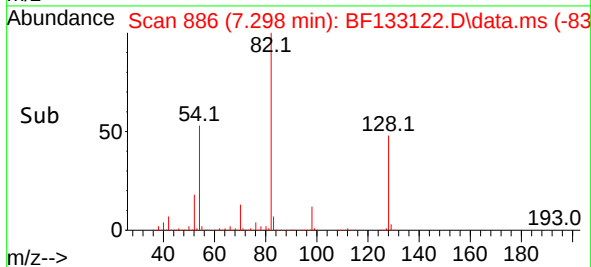
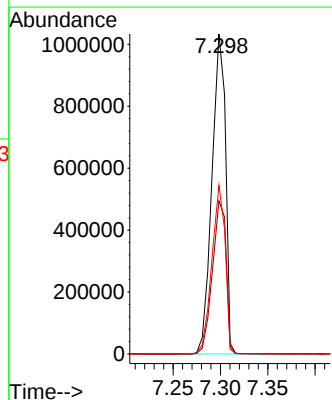
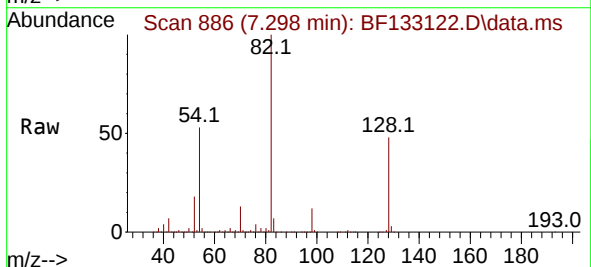
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	7.0	10.4
68	7.0	5.4	8.2

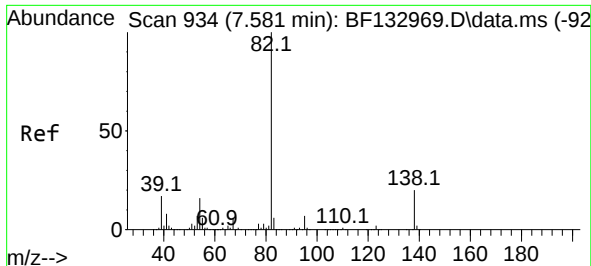


#23
Nitrobenzene-d5
Concen: 82.781 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion: 82 Resp: 1025625

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.6	43.0	64.4

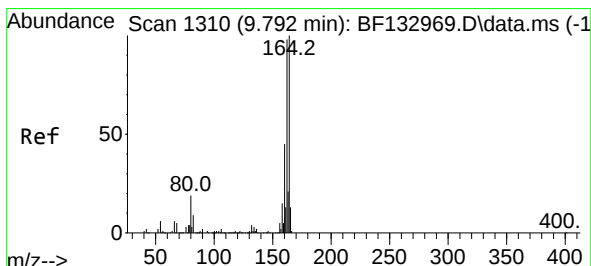
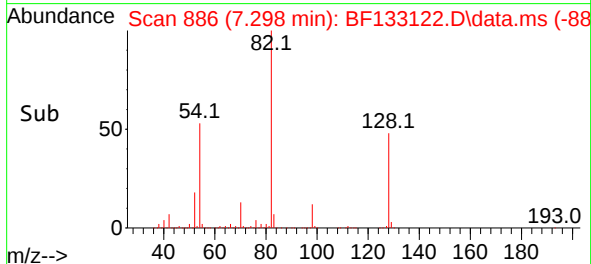
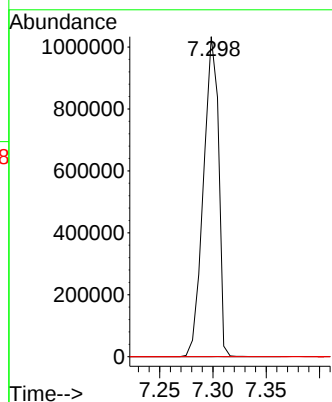
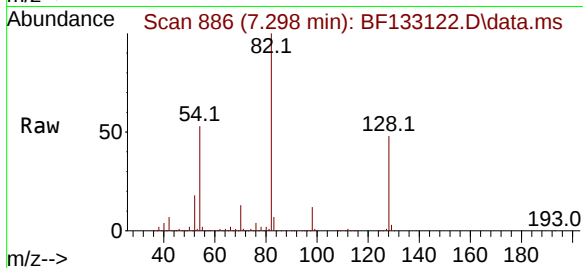




#25
Isophorone
Concen: 43.547 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

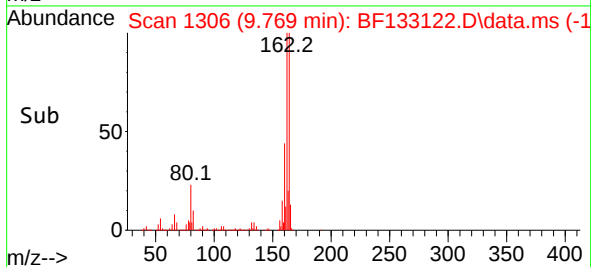
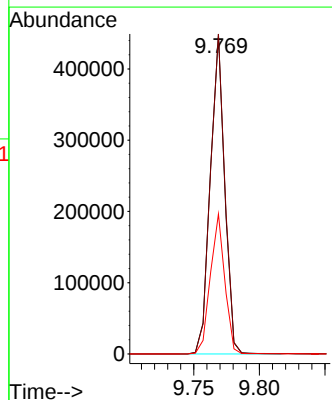
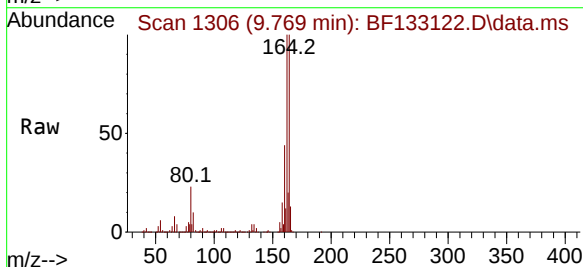
Instrument :
BNA_F
ClientSampleId :
PZ-01

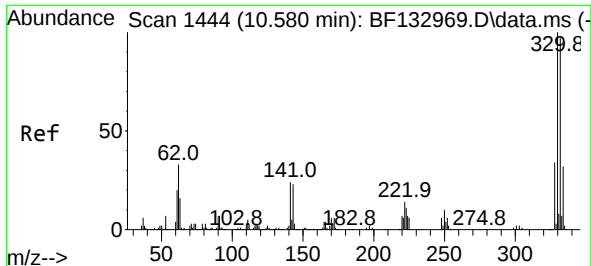
Tgt Ion: 82 Resp: 1024391
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:164 Resp: 341964
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 43.8 35.8 53.6

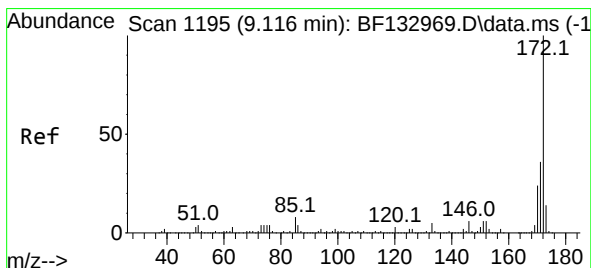
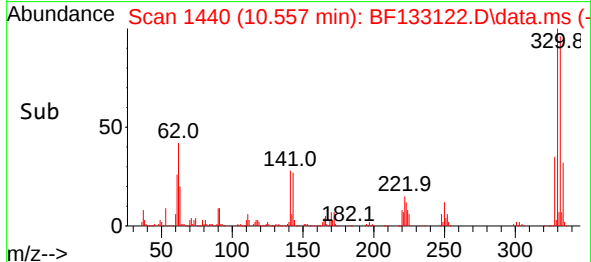
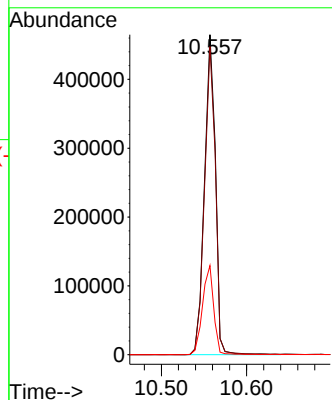
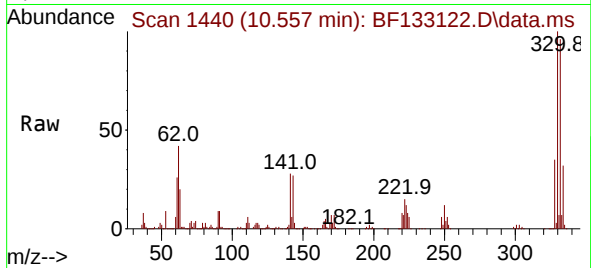




#42
2,4,6-Tribromophenol
Concen: 120.261 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

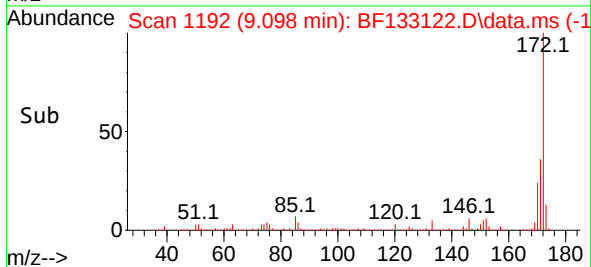
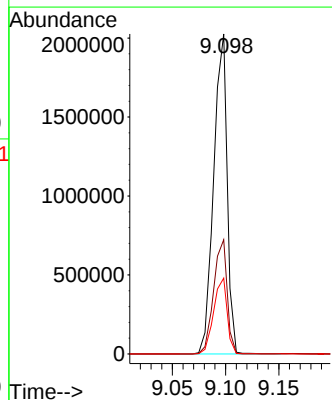
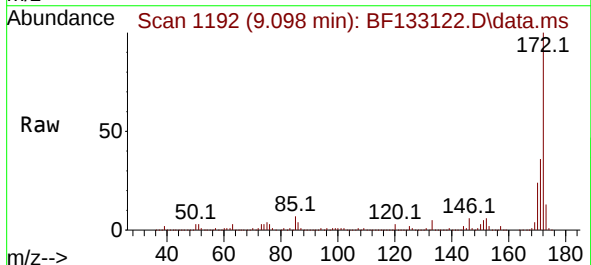
Instrument :
BNA_F
ClientSampleId :
PZ-01

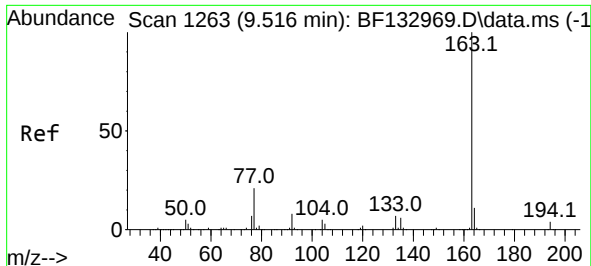
Tgt Ion:330 Resp: 413589
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 28.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.489 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:172 Resp: 1788281
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 19.4 29.2

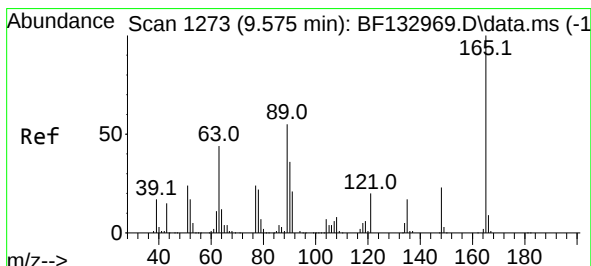
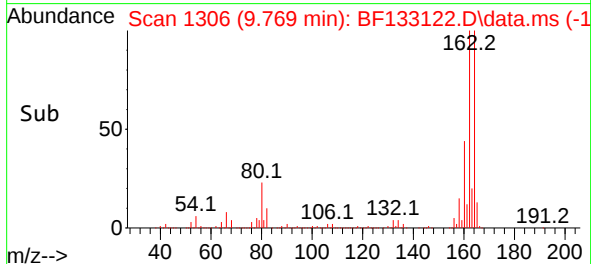
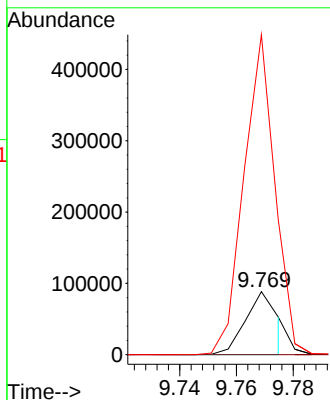
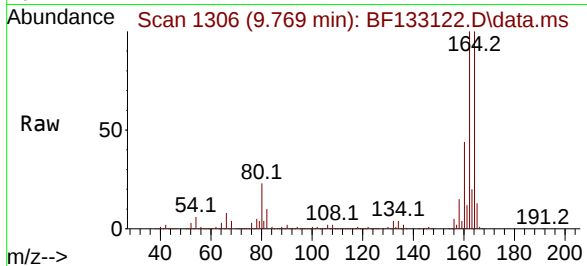




#50
Dimethylphthalate
Concen: 2.897 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

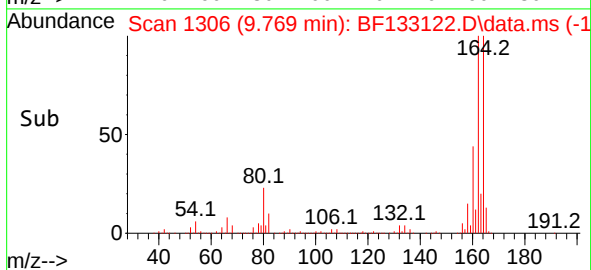
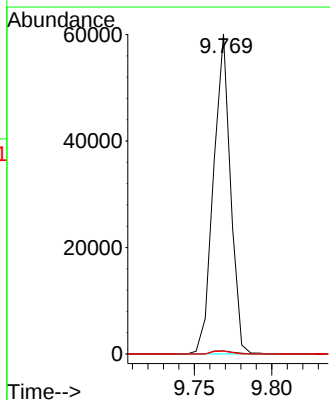
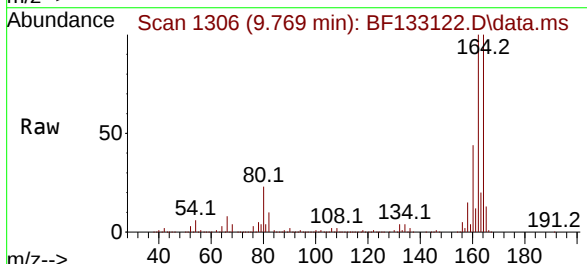
Instrument :
BNA_F
ClientSampleId :
PZ-01

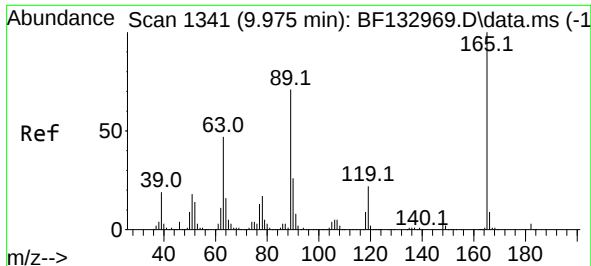
Tgt Ion:163 Resp: 69084
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.532 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:165 Resp: 45789
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 0.9 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.690 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PZ-01

Tgt Ion:165 Resp: 45789

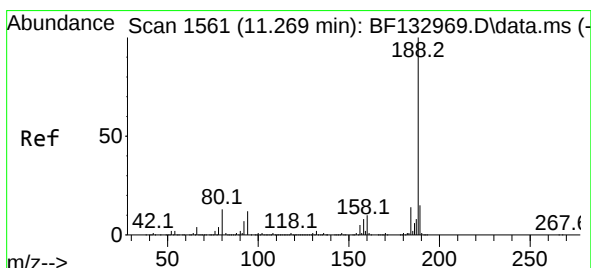
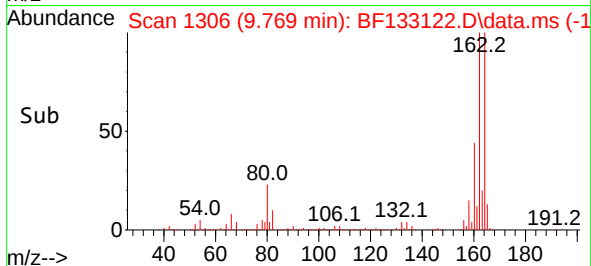
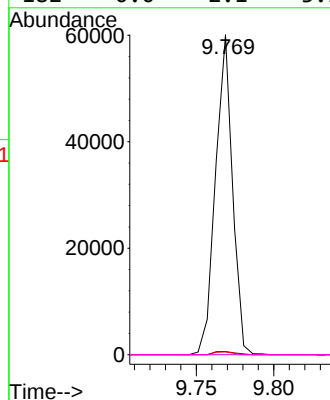
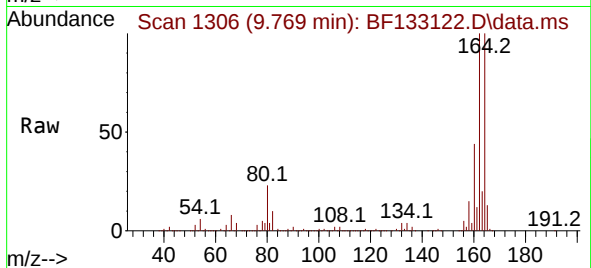
Ion Ratio Lower Upper

165 100

63 1.0 37.7 56.5#

89 0.9 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

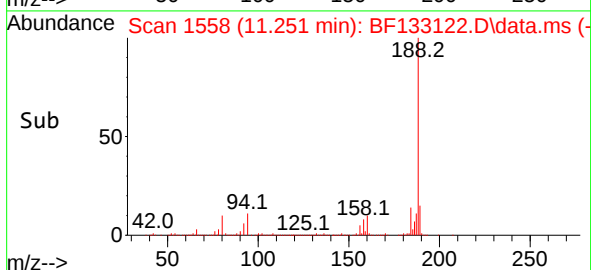
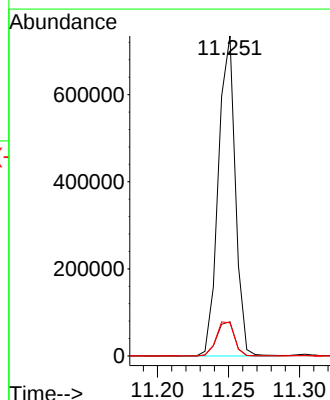
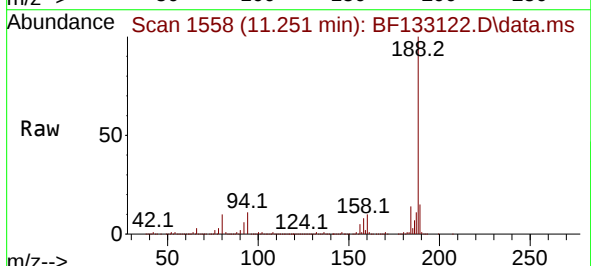
Tgt Ion:188 Resp: 610328

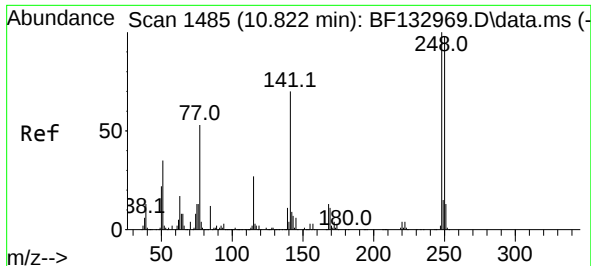
Ion Ratio Lower Upper

188 100

94 10.7 9.7 14.5

80 10.4 10.4 15.6#

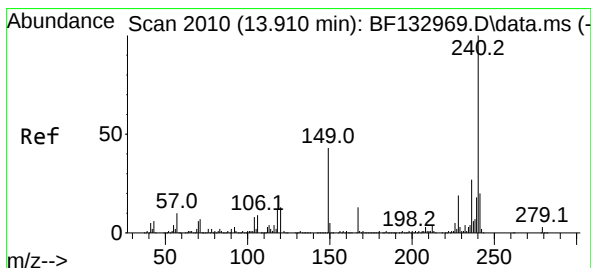
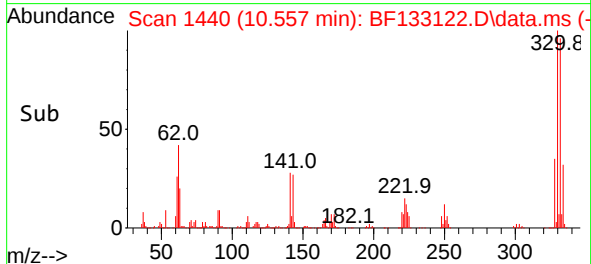
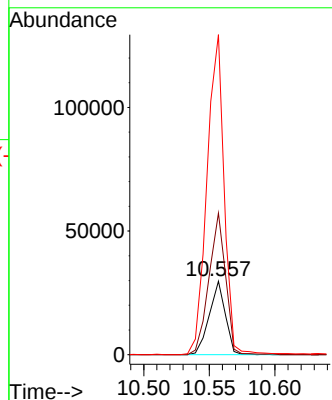
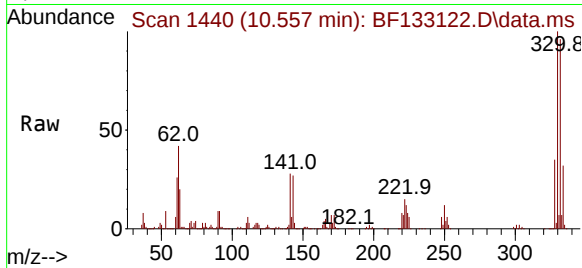




#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

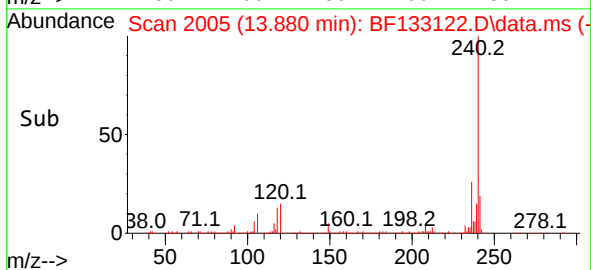
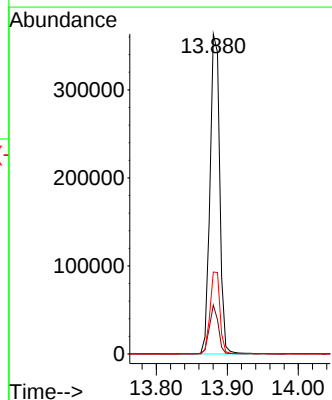
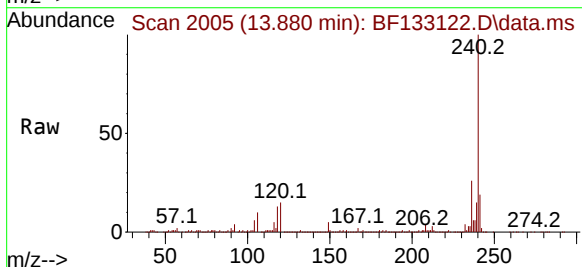
Instrument :
BNA_F
ClientSampleId :
PZ-01

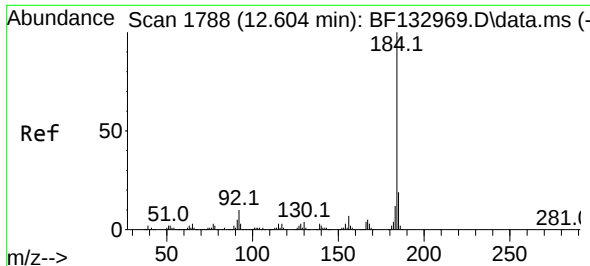
Tgt Ion:248 Resp: 25558
Ion Ratio Lower Upper
248 100
250 192.5 78.7 118.1#
141 435.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:240 Resp: 346614
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 25.6 21.5 32.3

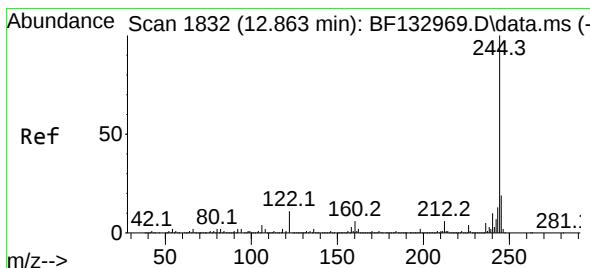
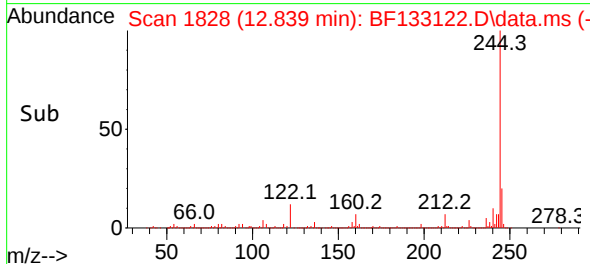
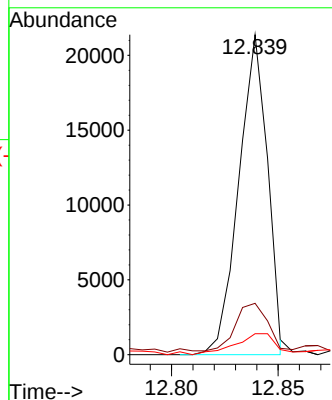
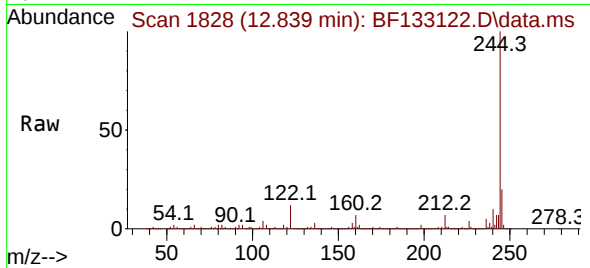




#77
Benzidine
Concen: 3.419 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

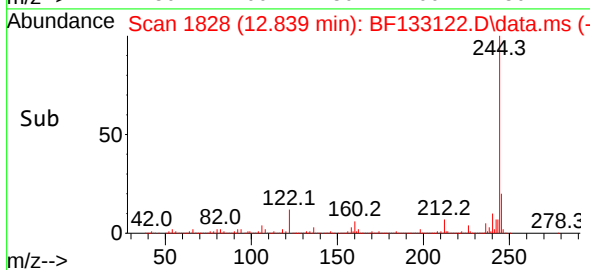
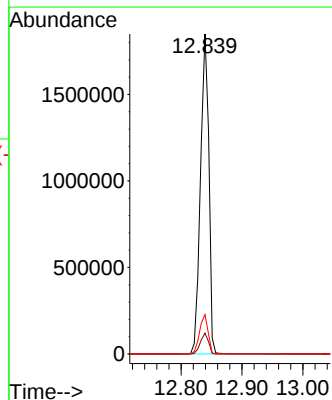
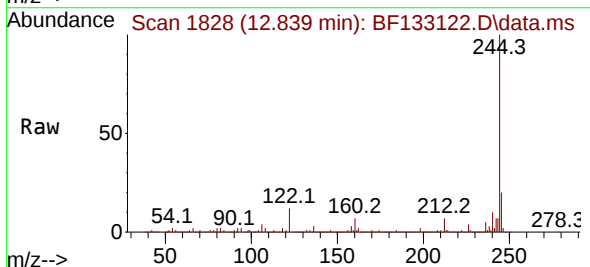
Instrument :
BNA_F
ClientSampleId :
PZ-01

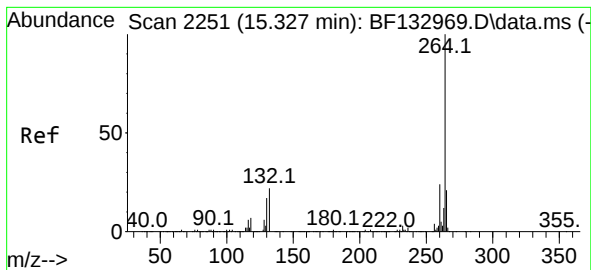
Tgt Ion:184 Resp: 20039
Ion Ratio Lower Upper
184 100
185 16.0 15.4 23.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.445 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

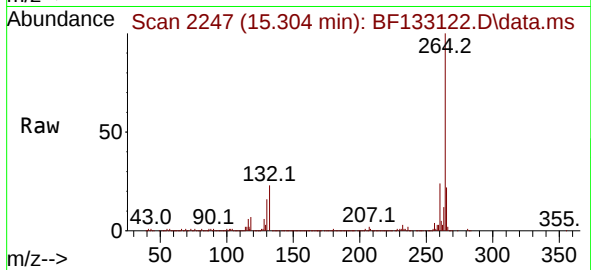
Tgt Ion:244 Resp: 1757427
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Instrument :
BNA_F
ClientSampleId :
PZ-01



Tgt Ion:264 Resp: 350544
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.2 17.0 25.4

