

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133068.D
 Acq On : 26 Apr 2023 16:59
 Operator : CG\JU
 Sample : 02448-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230340-COMP-18

Quant Time: Apr 27 01:57:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

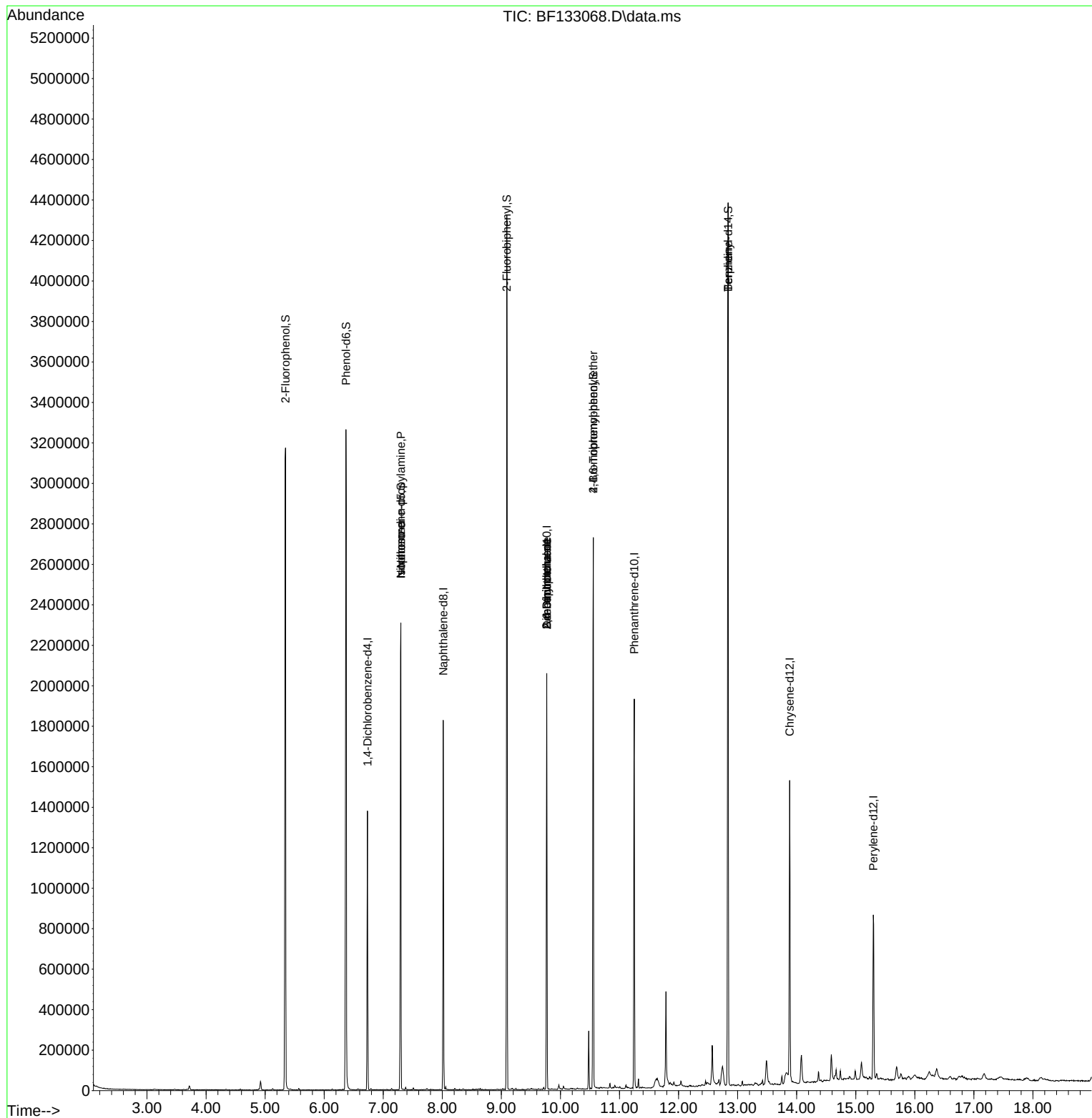
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	173815	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	696358	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	365990	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	670657	20.000	ng	0.00
76) Chrysene-d12	13.880	240	437531	20.000	ng	-0.01
86) Perylene-d12	15.298	264	348439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	984132	85.530	ng	0.00
7) Phenol-d6	6.369	99	1228673	86.031	ng	-0.01
23) Nitrobenzene-d5	7.298	82	709606	55.004	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	315955	85.840	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1268359	57.979	ng	0.00
79) Terphenyl-d14	12.839	244	1475108	58.146	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	251	Below Cal	#	21
19) n-Nitroso-di-n-propyla...	7.298	70	93822	10.552	ng	# 76
25) Isophorone	7.298	82	709501	28.966	ng	# 63
50) Dimethylphthalate	9.769	163	73515	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	47793	8.321	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	47793	6.525	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	19725	2.712	ng	# 1
77) Benzidine	12.839	184	17344	2.344	ng	# 89

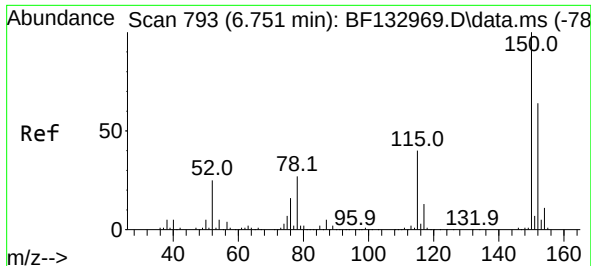
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

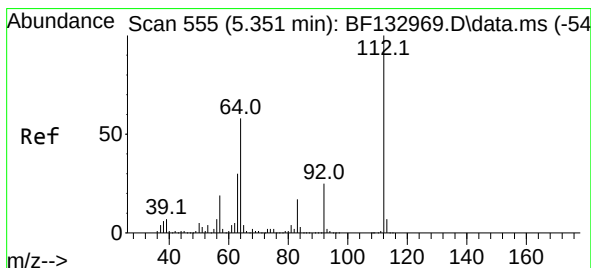
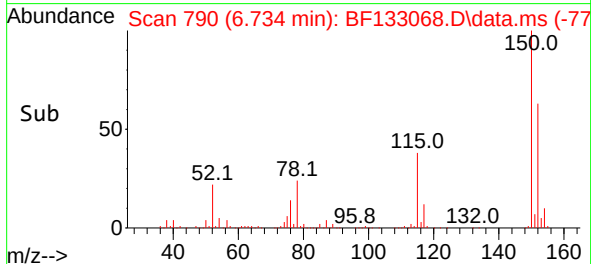
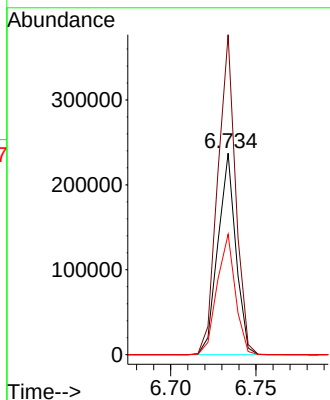
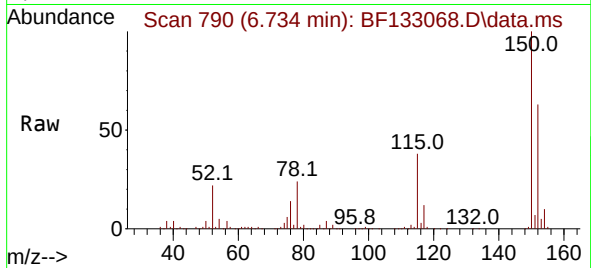




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133068.D
 Acq: 26 Apr 2023 16:59

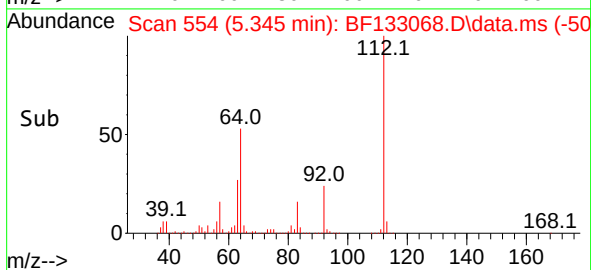
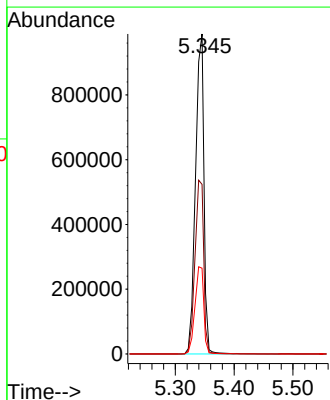
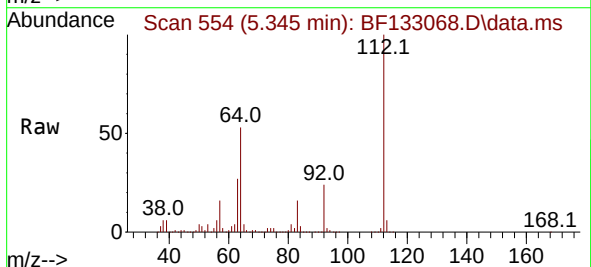
Instrument :
 BNA_F
 ClientSampleId :
 20230340-COMP-18

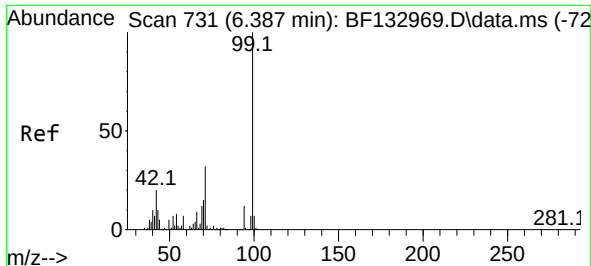
Tgt Ion:152 Resp: 173815
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.8 187.2
 115 59.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.530 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133068.D
 Acq: 26 Apr 2023 16:59

Tgt Ion:112 Resp: 984132
 Ion Ratio Lower Upper
 112 100
 64 53.0 46.8 70.2
 63 26.8 23.8 35.8

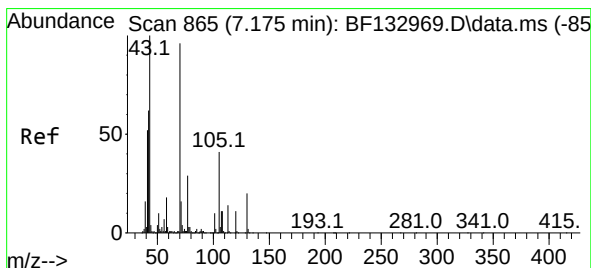
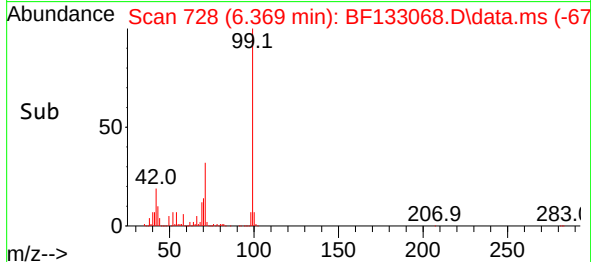
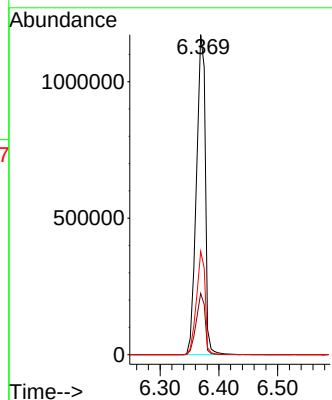
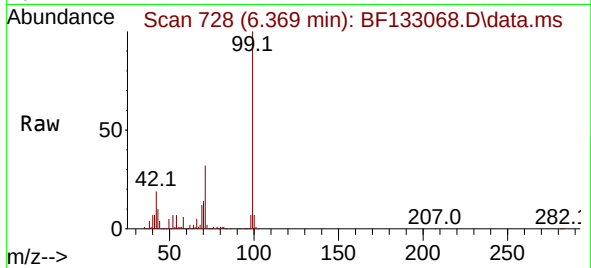




#7
Phenol-d6
Concen: 86.031 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

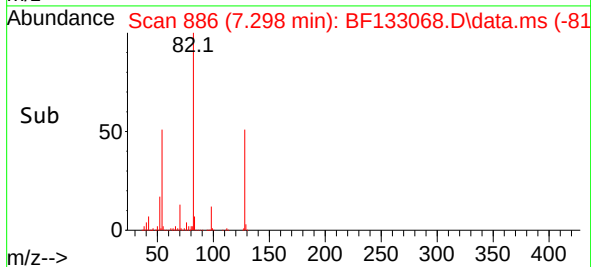
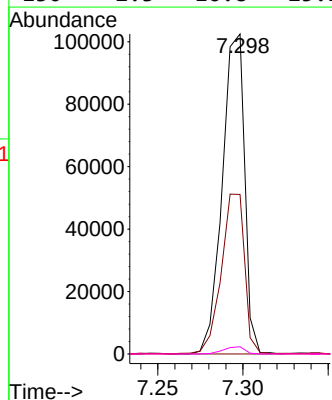
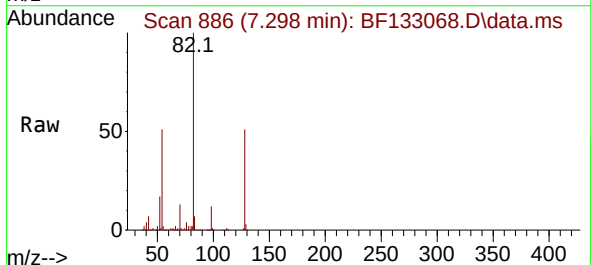
Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

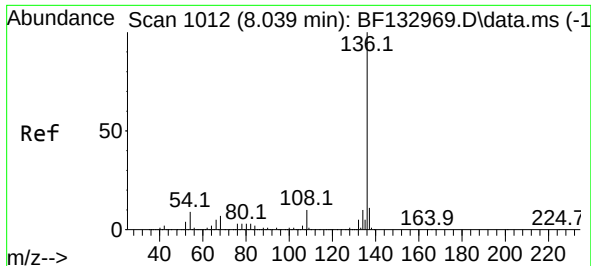
Tgt Ion: 99 Resp: 1228673
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.552 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion: 70 Resp: 93822
Ion Ratio Lower Upper
70 100
42 49.8 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

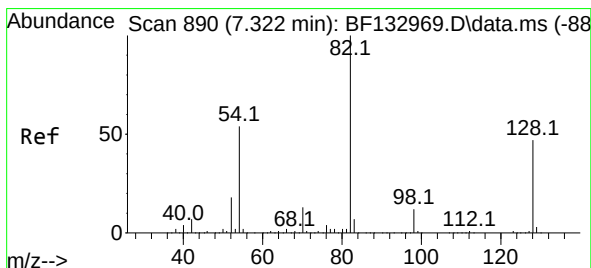
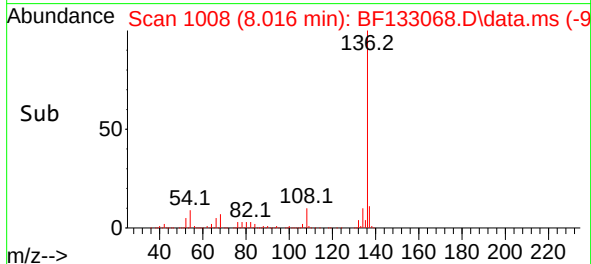
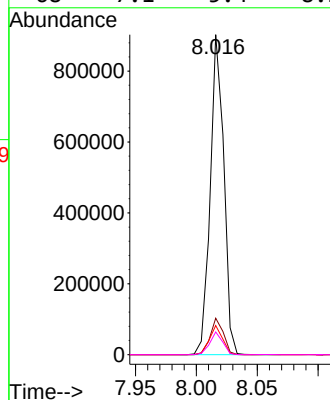
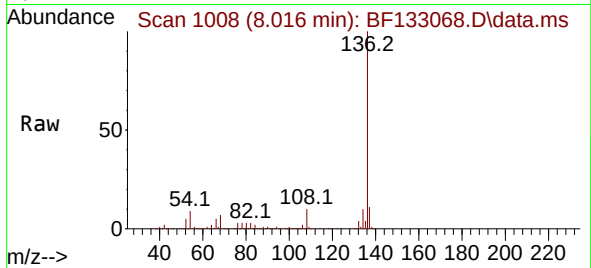




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

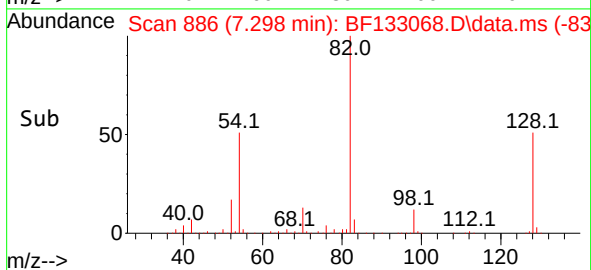
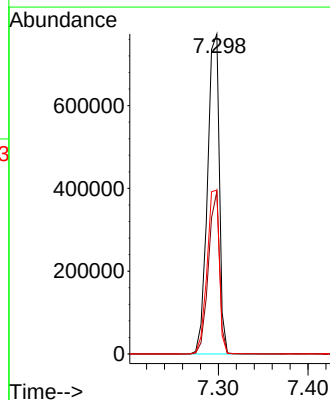
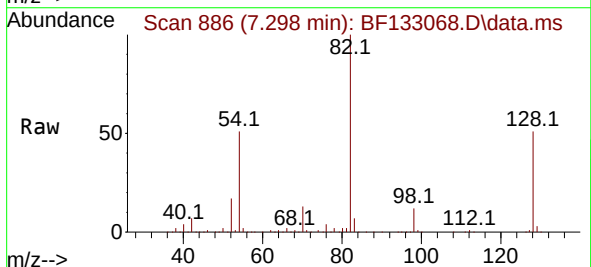
Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

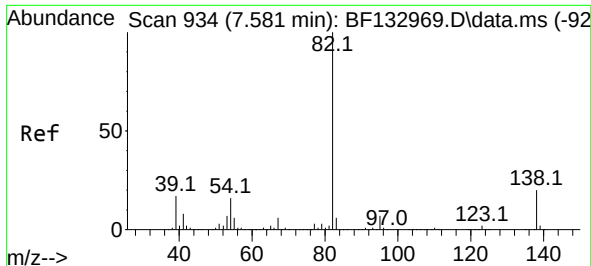
Tgt Ion:136 Resp: 696358
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 55.004 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion: 82 Resp: 709606
Ion Ratio Lower Upper
82 100
128 50.7 37.7 56.5
54 51.2 43.0 64.4

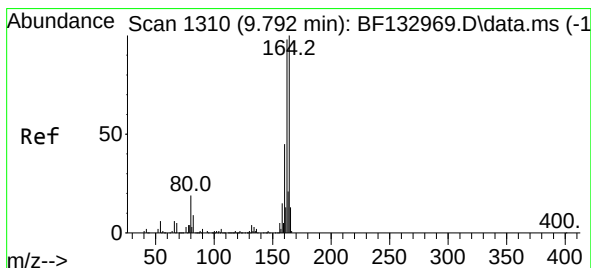
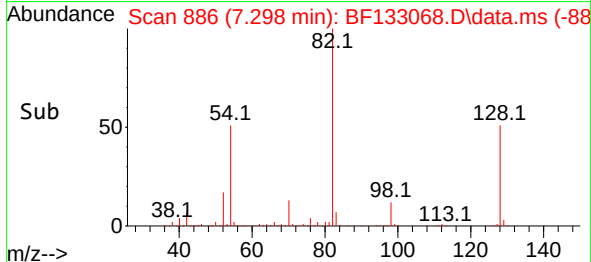
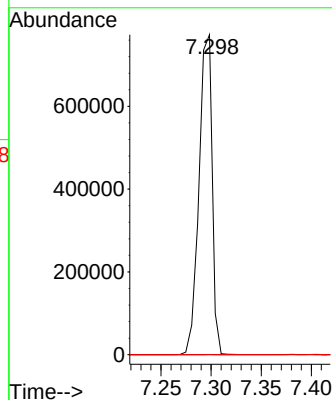
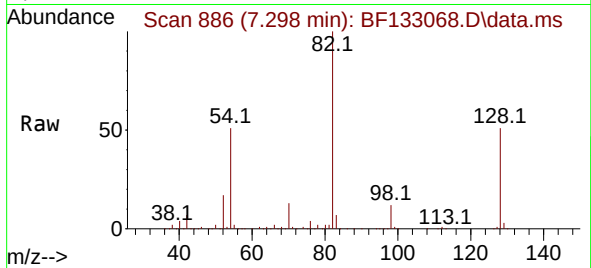




#25
Isophorone
Concen: 28.966 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

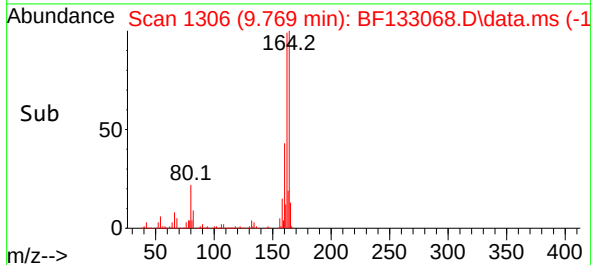
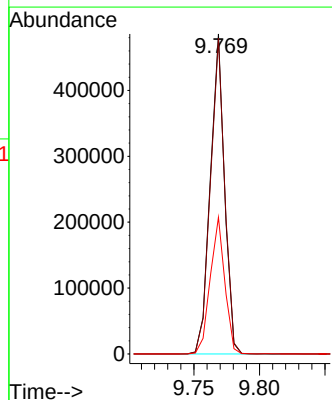
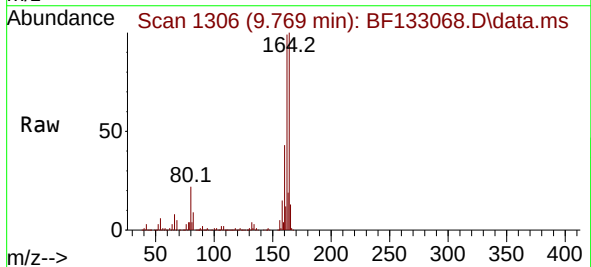
Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

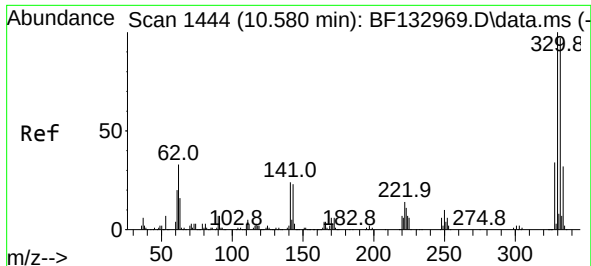
Tgt Ion: 82 Resp: 709501
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion:164 Resp: 365990
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 42.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 85.840 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133068.D

Acq: 26 Apr 2023 16:59

Instrument :

BNA_F

ClientSampleId :

20230340-COMP-18

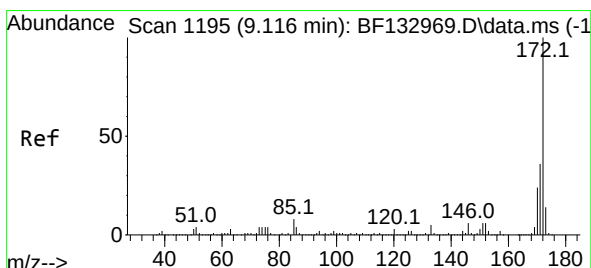
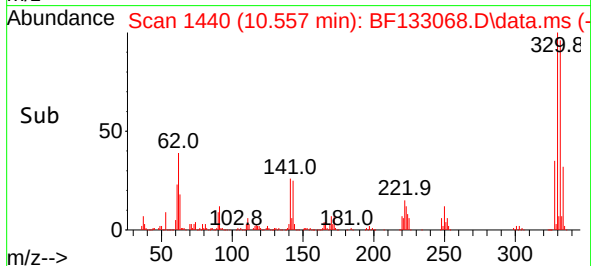
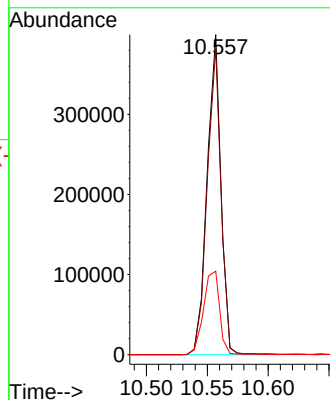
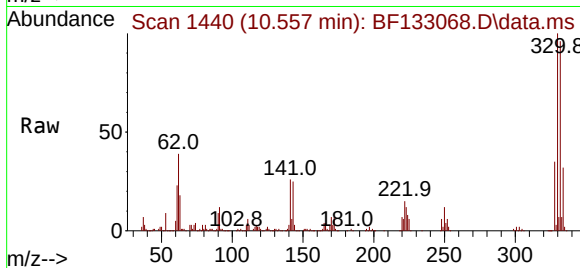
Tgt Ion:330 Resp: 315955

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 30.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.979 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133068.D

Acq: 26 Apr 2023 16:59

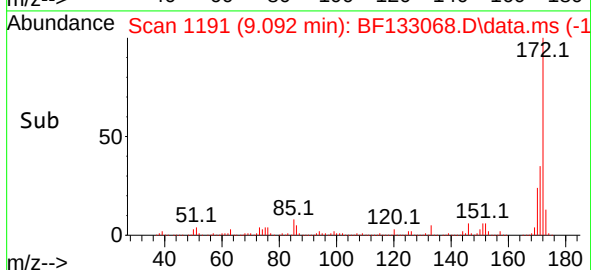
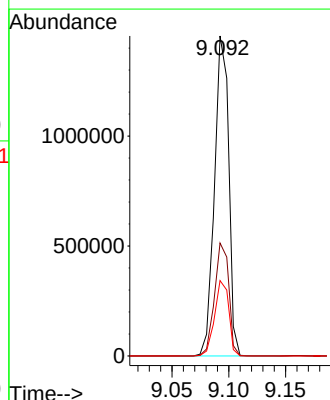
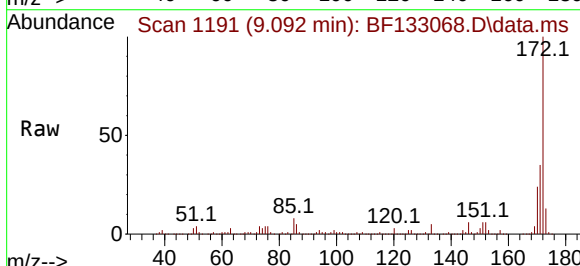
Tgt Ion:172 Resp: 1268359

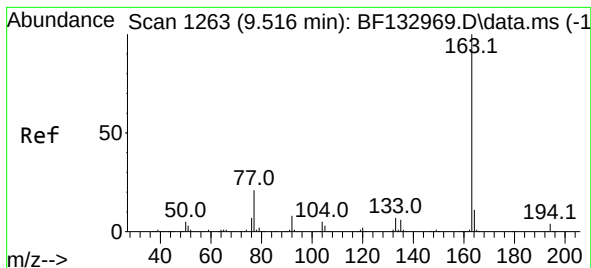
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.4 29.2





#50

Dimethylphthalate

Concen: 2.881 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.265 min

Lab File: BF133068.D

Acq: 26 Apr 2023 16:59

Instrument :

BNA_F

ClientSampleId :

20230340-COMP-18

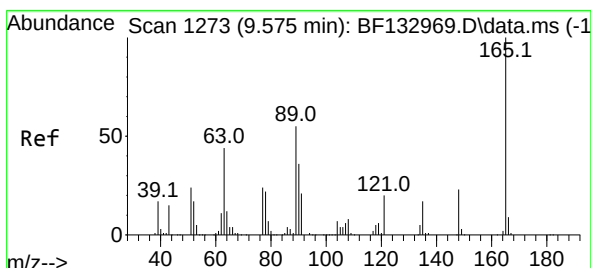
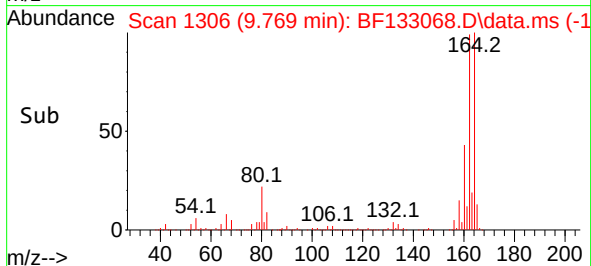
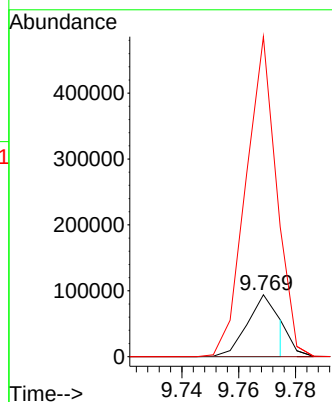
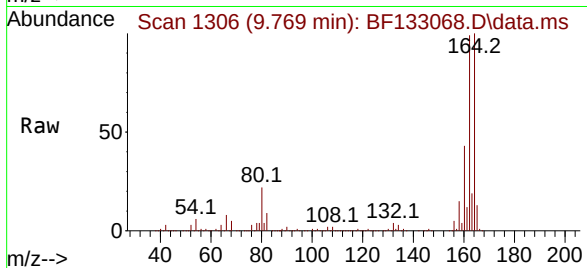
Tgt Ion:163 Resp: 73515

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 516.9 8.5 12.7#



#51

2,6-Dinitrotoluene

Concen: 8.321 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF133068.D

Acq: 26 Apr 2023 16:59

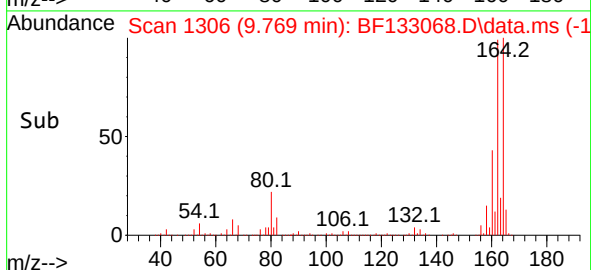
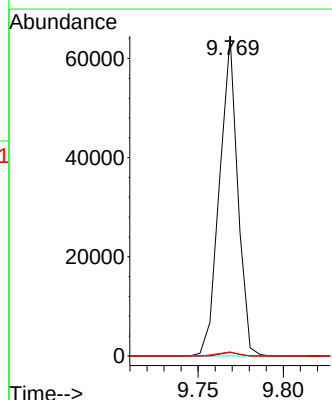
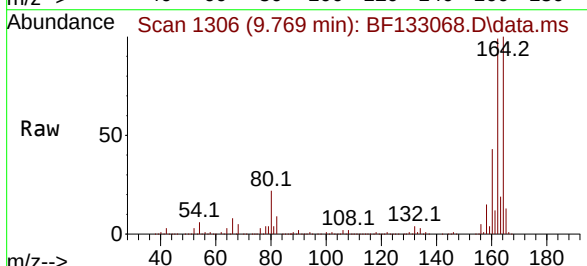
Tgt Ion:165 Resp: 47793

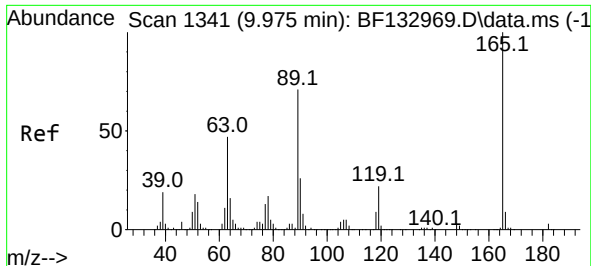
Ion Ratio Lower Upper

165 100

63 1.1 45.9 68.9#

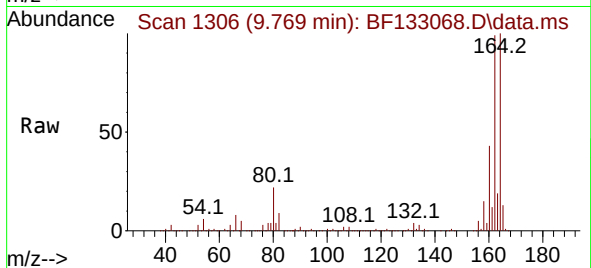
89 1.2 44.0 66.0#



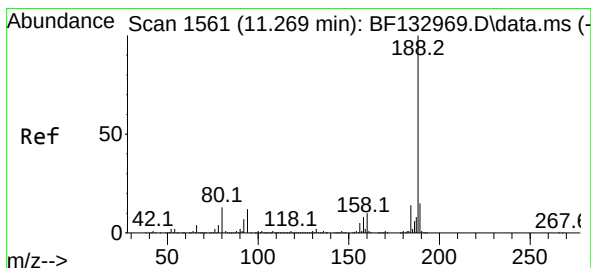
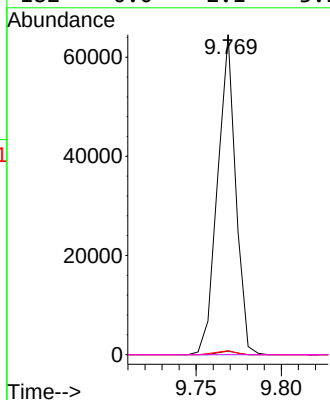
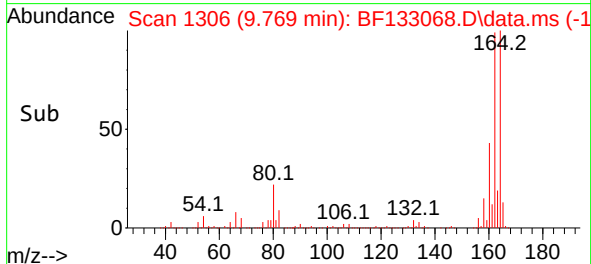


#57
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

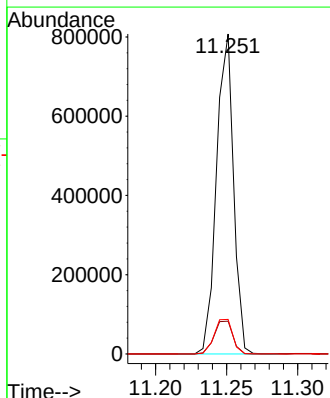
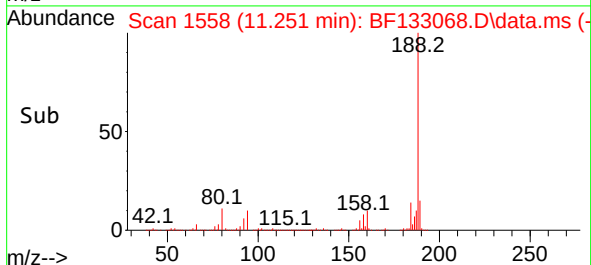
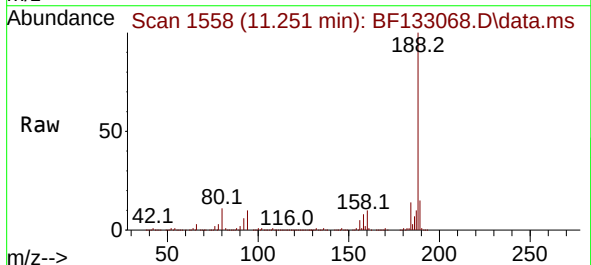


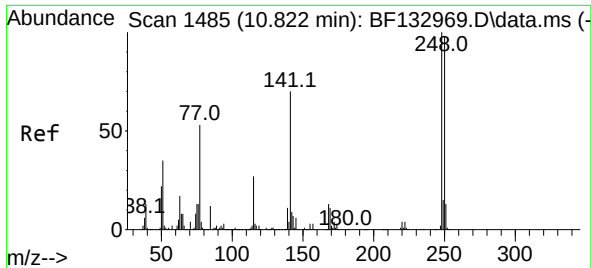
Tgt Ion:165 Resp: 47793
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion:188 Resp: 670657
Ion Ratio Lower Upper
188 100
94 10.3 9.7 14.5
80 10.8 10.4 15.6

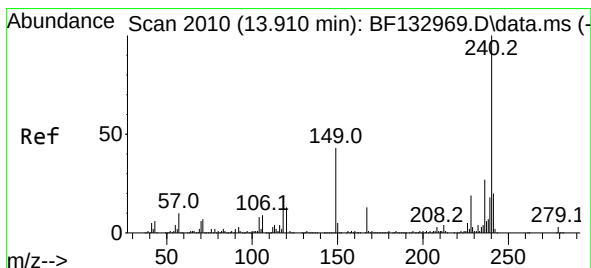
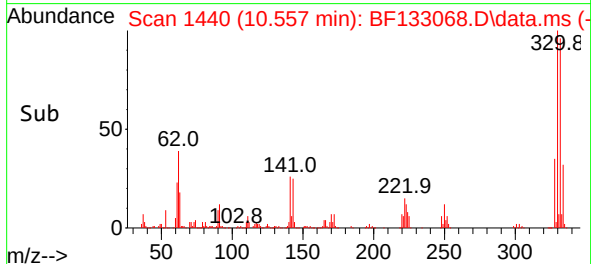
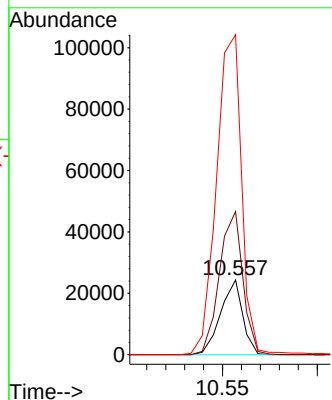
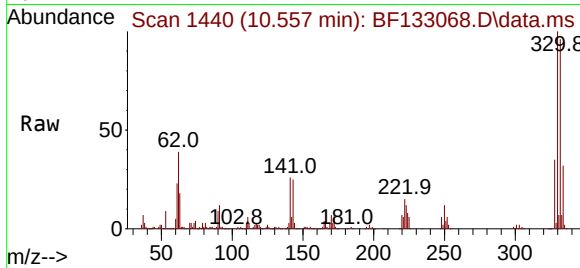




#67
4-Bromophenyl-phenylether
Concen: 2.712 ng
RT: 10.557 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

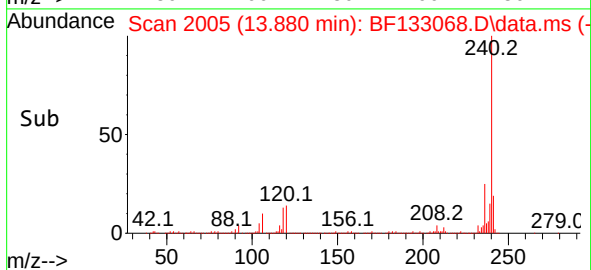
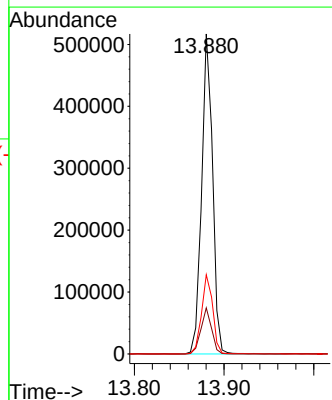
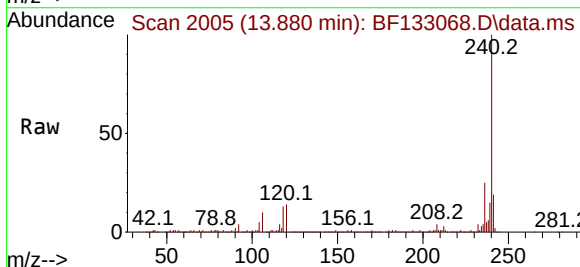
Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

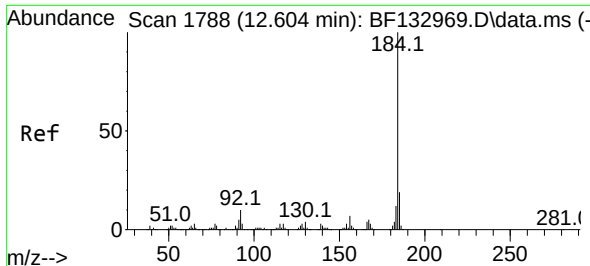
Tgt Ion:248 Resp: 19725
Ion Ratio Lower Upper
248 100
250 191.6 78.7 118.1#
141 428.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion:240 Resp: 437531
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 24.7 21.5 32.3

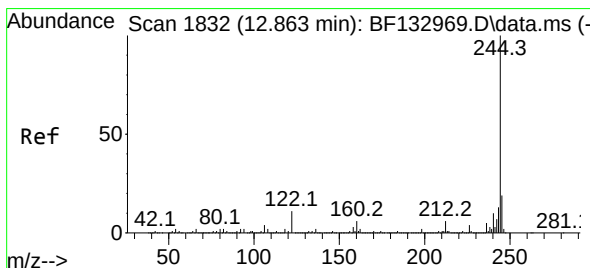
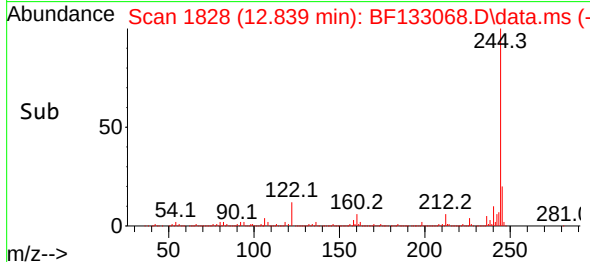
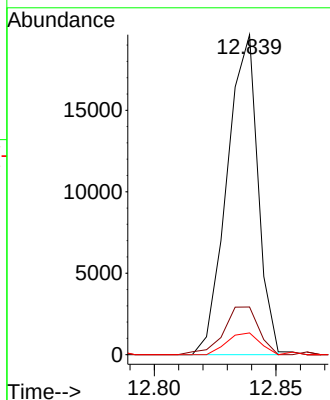
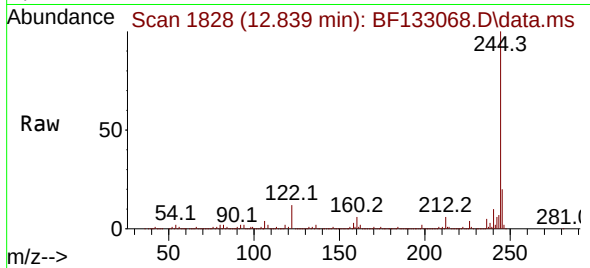




#77
Benzidine
Concen: 2.344 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

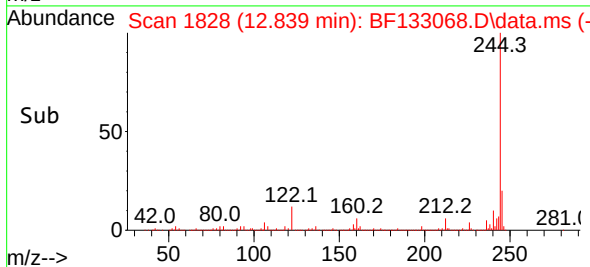
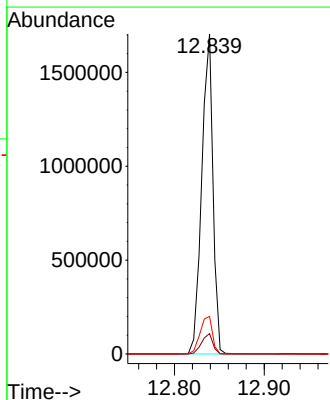
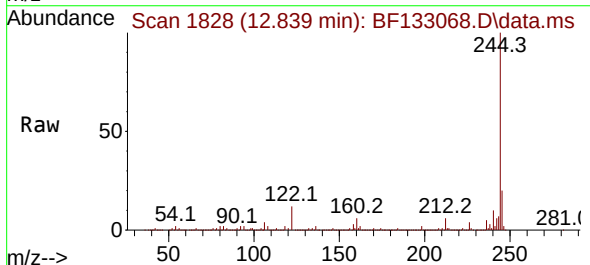
Instrument :
BNA_F
ClientSampleId :
20230340-COMP-18

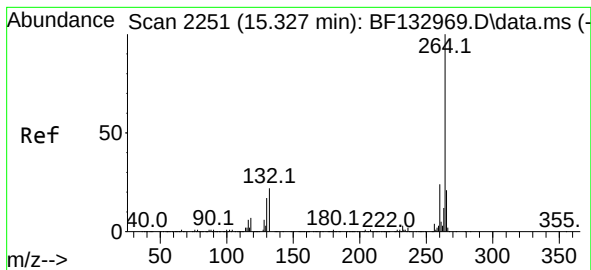
Tgt Ion:184 Resp: 17344
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2#
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 58.146 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133068.D
Acq: 26 Apr 2023 16:59

Tgt Ion:244 Resp: 1475108
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.7 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133068.D

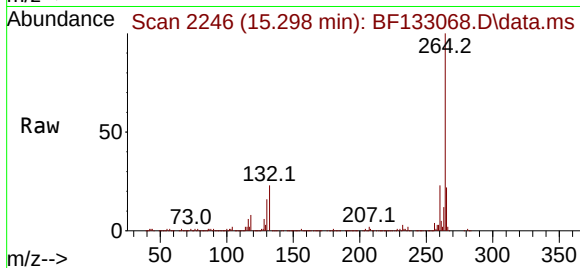
Acq: 26 Apr 2023 16:59

Instrument :

BNA_F

ClientSampleId :

20230340-COMP-18



Tgt Ion:264 Resp: 348439

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.0 17.0 25.4

