

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133061.D
 Acq On : 26 Apr 2023 12:39
 Operator : CG\JU
 Sample : 02427-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230350-COMP-28

Quant Time: Apr 27 01:54:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

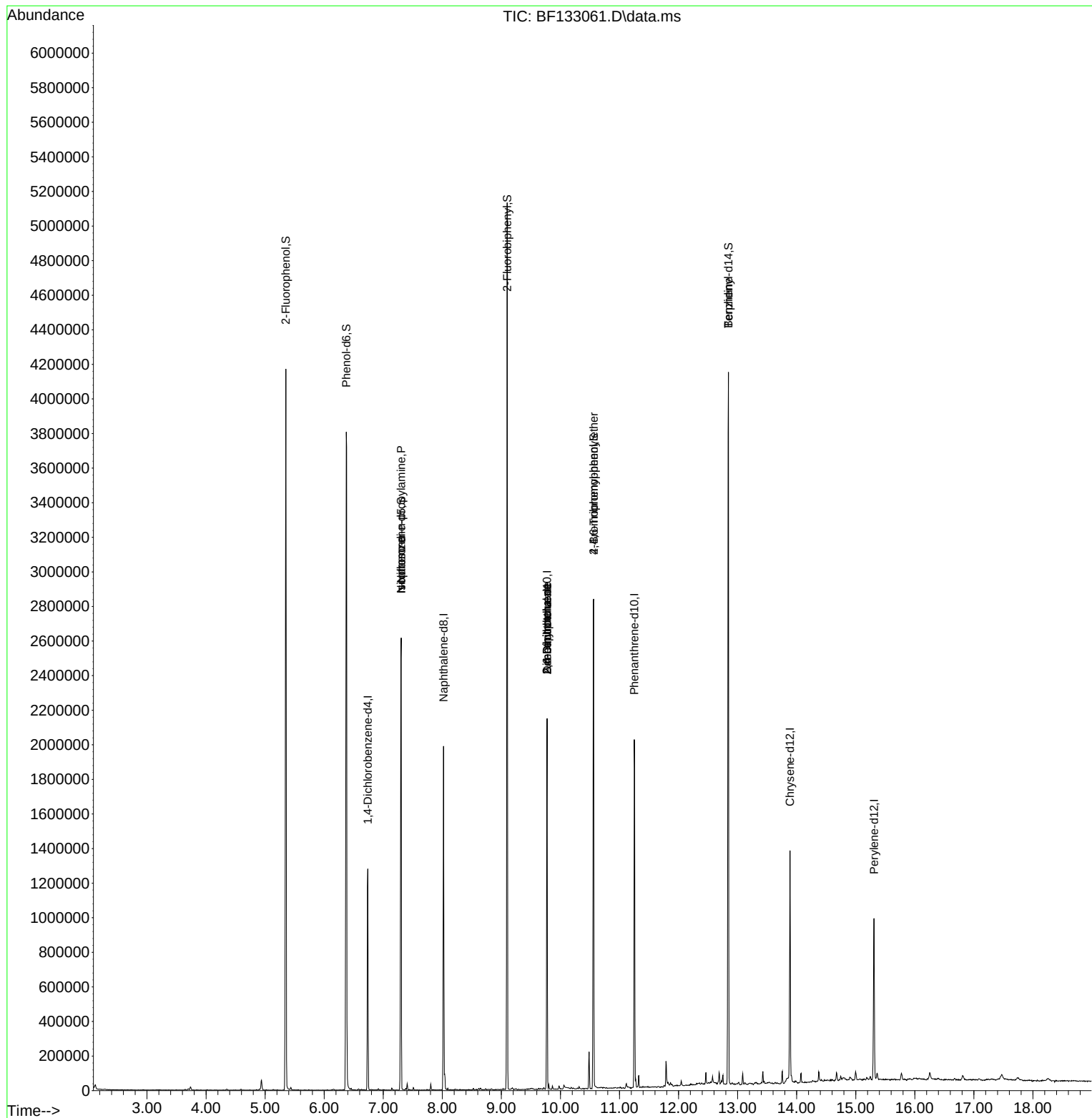
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	183651	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	748691	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	394856	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	730632	20.000	ng	-0.01
76) Chrysene-d12	13.886	240	382088	20.000	ng	-0.01
86) Perylene-d12	15.310	264	371523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1230294	101.197	ng	0.00
7) Phenol-d6	6.375	99	1502469	99.568	ng	-0.01
23) Nitrobenzene-d5	7.304	82	855220	61.657	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	366588	92.316	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1409893	59.737	ng	-0.01
79) Terphenyl-d14	12.845	244	1478112	66.719	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	434	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.304	70	110961	11.812	ng	# 76
25) Isophorone	7.304	82	853180	32.397	ng	# 63
50) Dimethylphthalate	9.775	163	82729	3.005	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	52403	8.456	ng	# 24
57) 2,4-Dinitrotoluene	9.775	165	52403	6.631	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	22929	2.894	ng	# 1
77) Benzidine	12.845	184	16596	2.569	ng	# 95

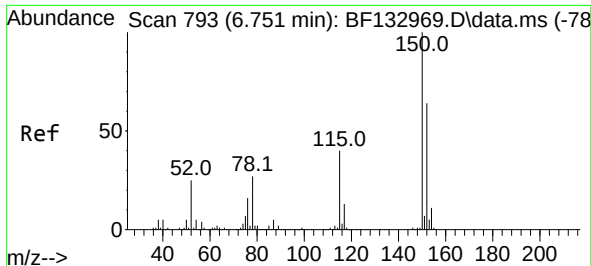
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 01:54:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

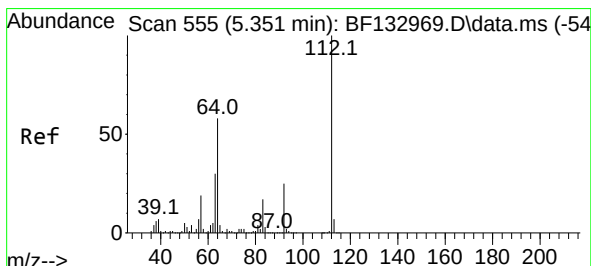
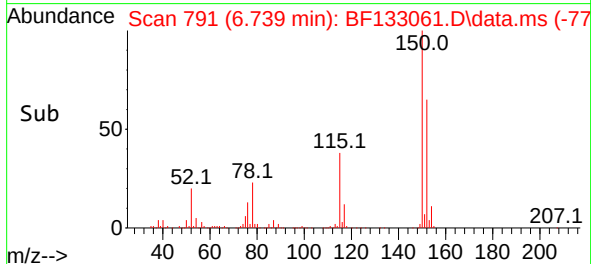
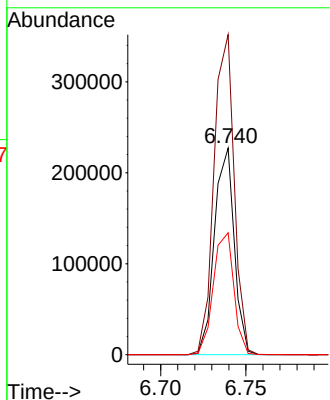
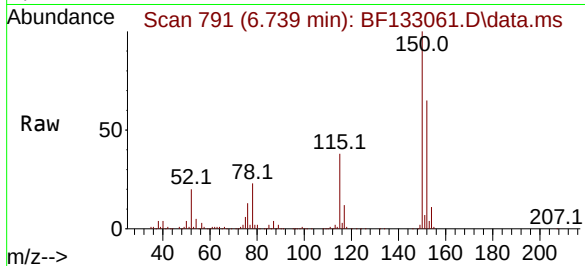




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

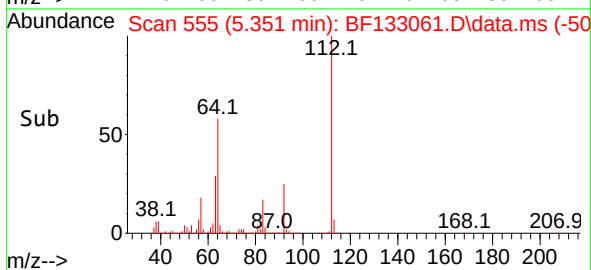
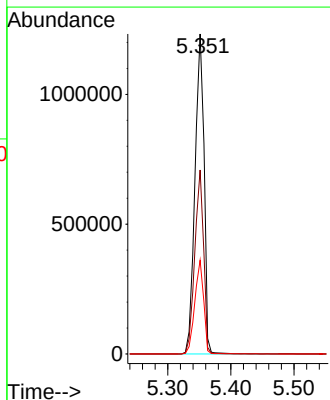
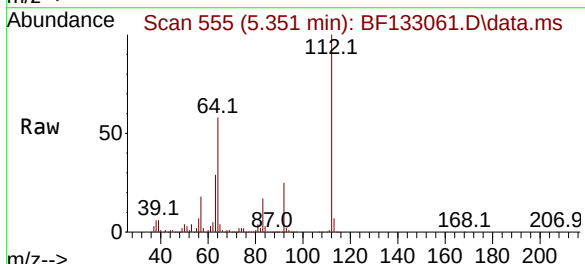
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

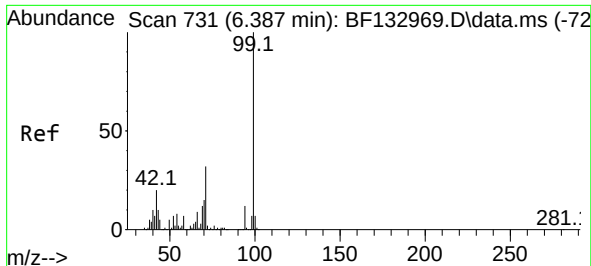
Tgt Ion:152 Resp: 183651
Ion Ratio Lower Upper
152 100
150 154.9 124.8 187.2
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 101.197 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion:112 Resp: 1230294
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.3 23.8 35.8

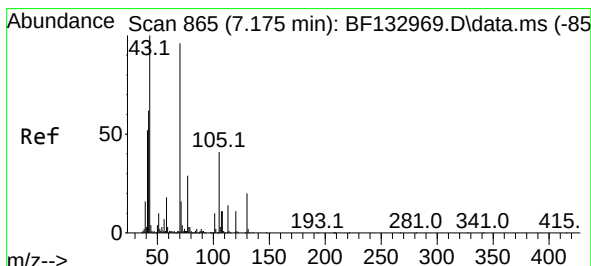
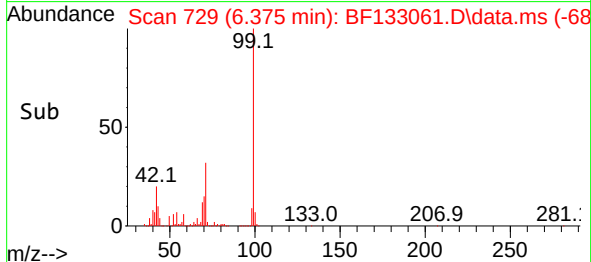
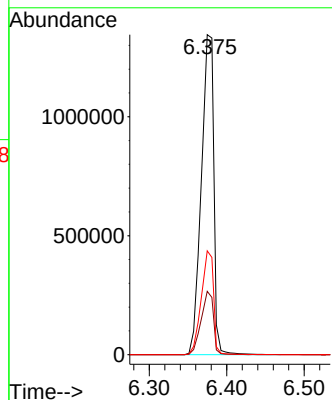
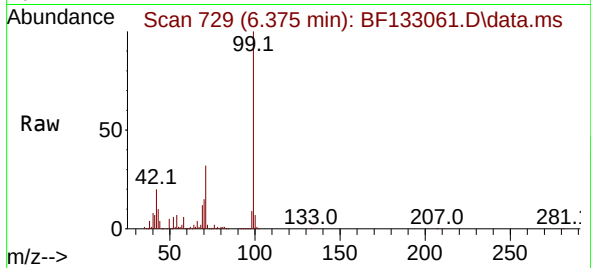




#7
Phenol-d6
Concen: 99.568 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

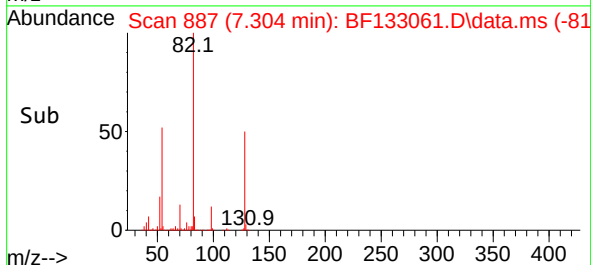
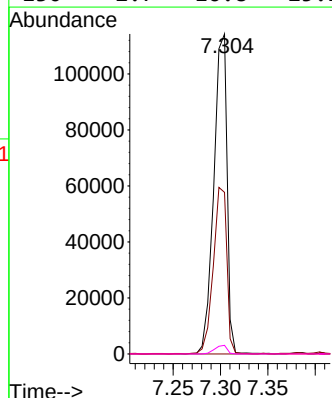
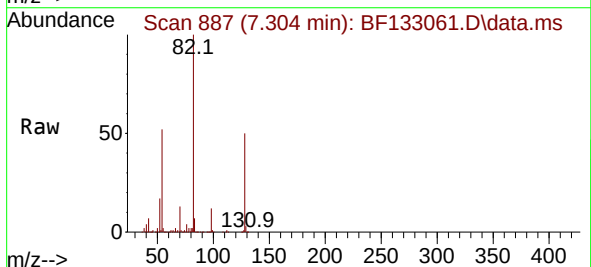
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

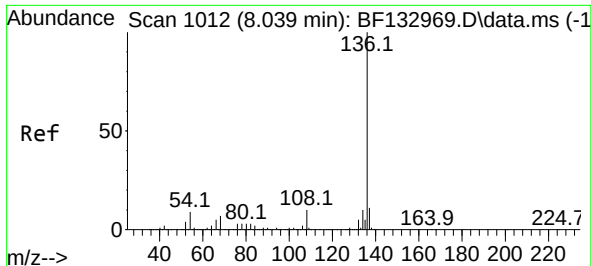
Tgt Ion: 99 Resp: 1502469
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.812 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion: 70 Resp: 110961
Ion Ratio Lower Upper
70 100
42 50.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.7 16.8 25.2#

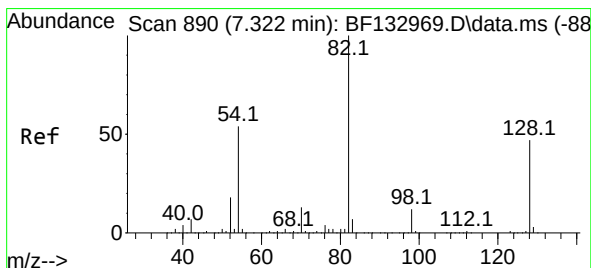
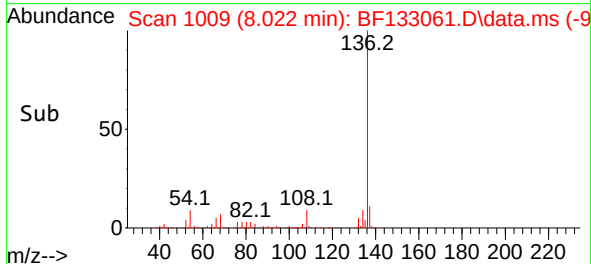
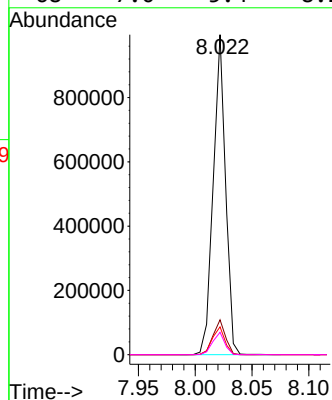
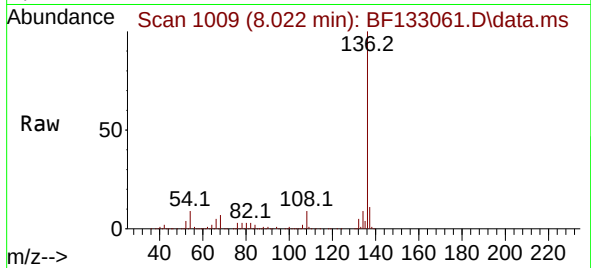




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

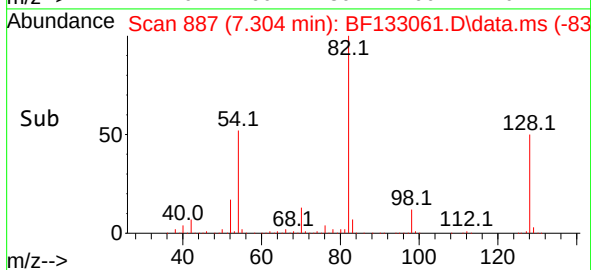
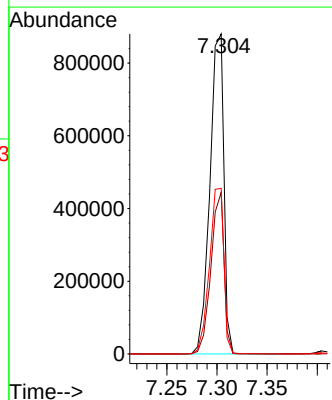
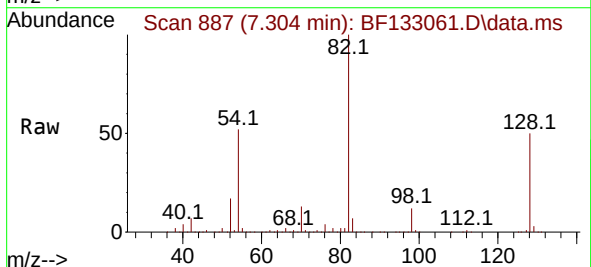
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

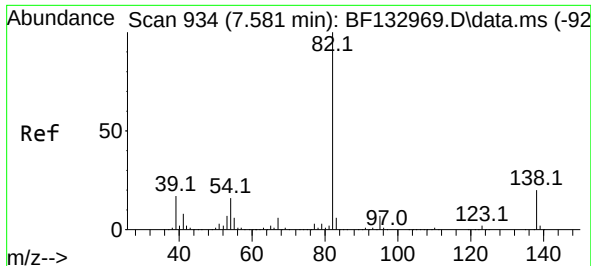
Tgt Ion:136	Resp: 748691
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.7	7.0 10.4
68 7.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 61.657 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion: 82	Resp: 855220
Ion Ratio	Lower Upper
82 100	
128 50.5	37.7 56.5
54 51.7	43.0 64.4

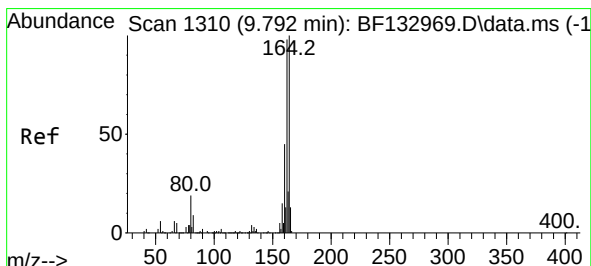
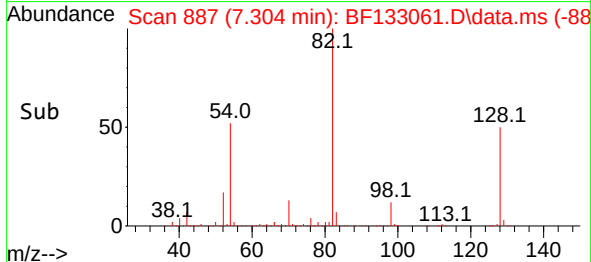
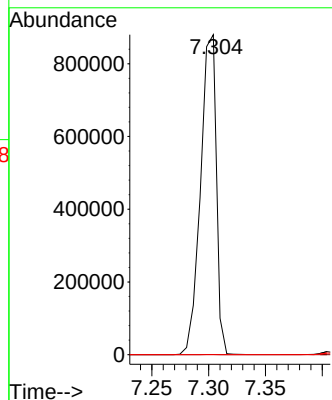
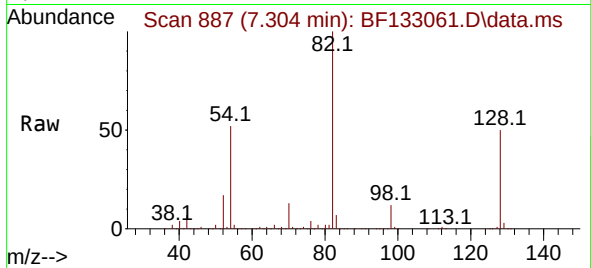




#25
Isophorone
Concen: 32.397 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

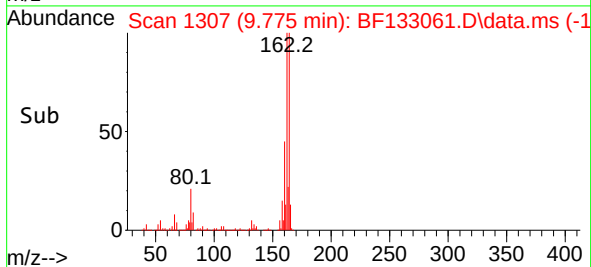
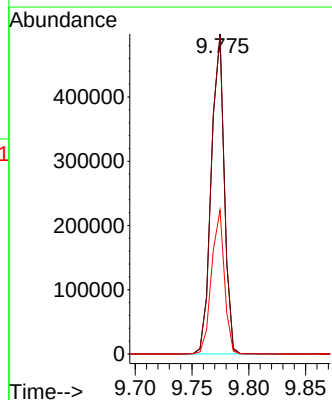
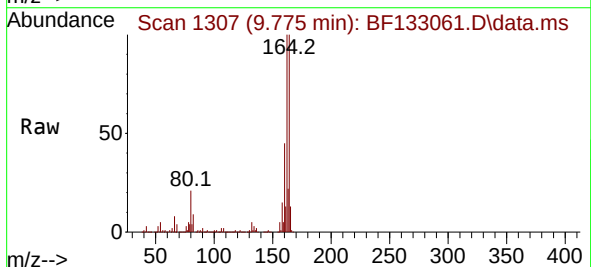
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

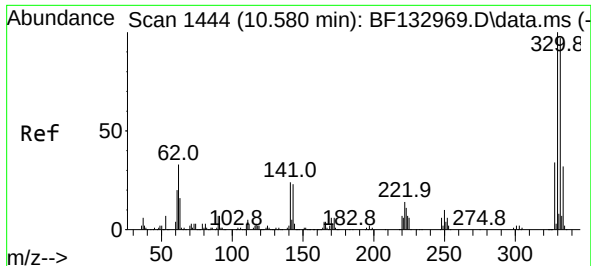
Tgt Ion: 82 Resp: 853180
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion:164 Resp: 394856
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 92.316 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133061.D

Acq: 26 Apr 2023 12:39

Instrument :

BNA_F

ClientSampleId :

20230350-COMP-28

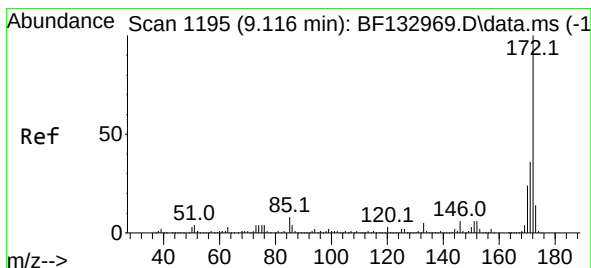
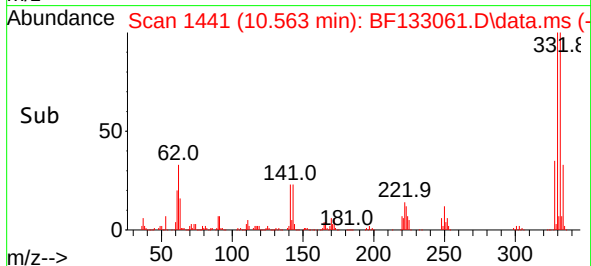
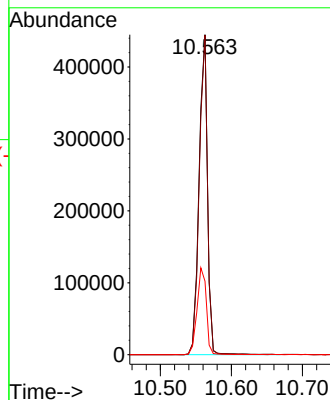
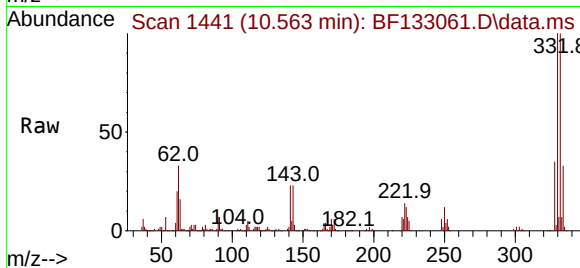
Tgt Ion:330 Resp: 366588

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.737 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133061.D

Acq: 26 Apr 2023 12:39

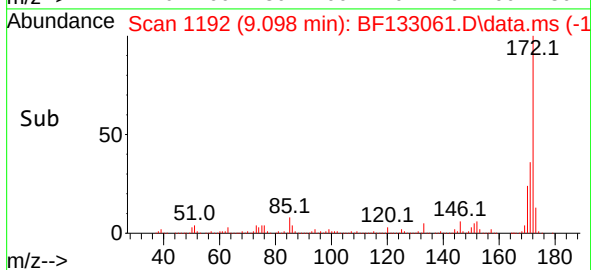
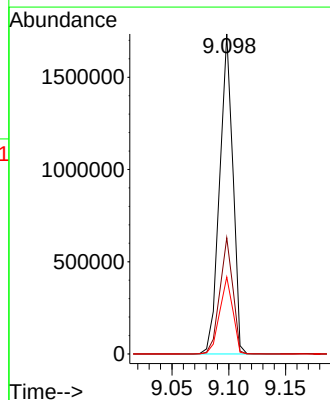
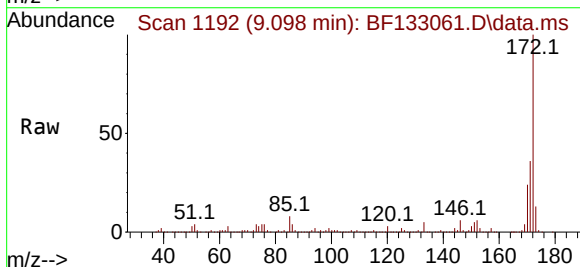
Tgt Ion:172 Resp: 1409893

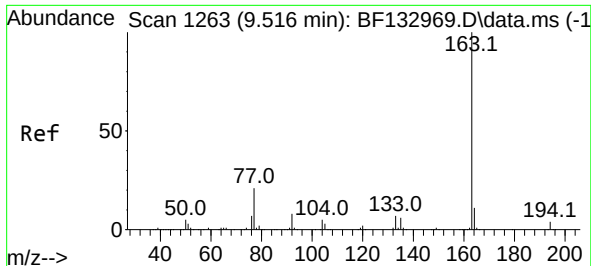
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 19.4 29.2

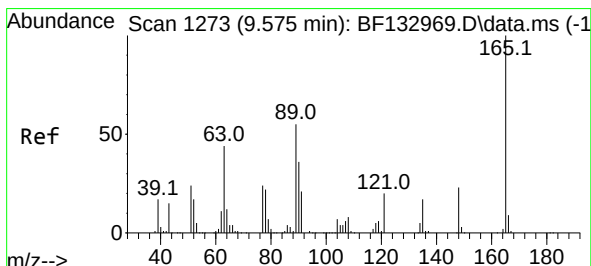
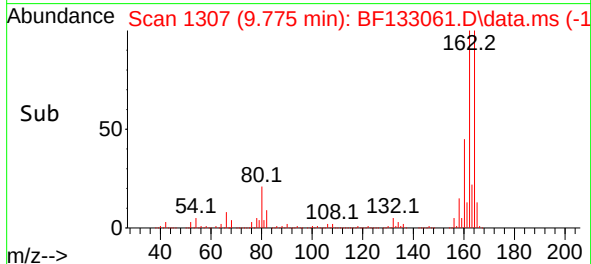
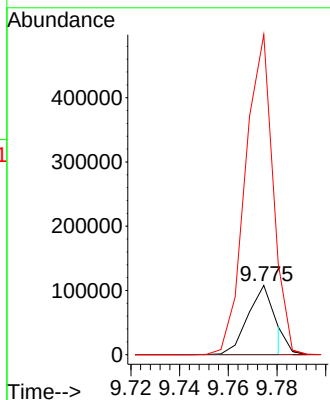
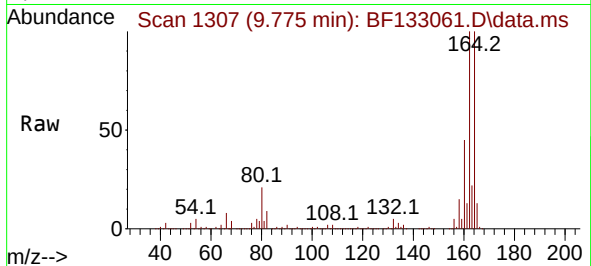




#50
Dimethylphthalate
Concen: 3.005 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

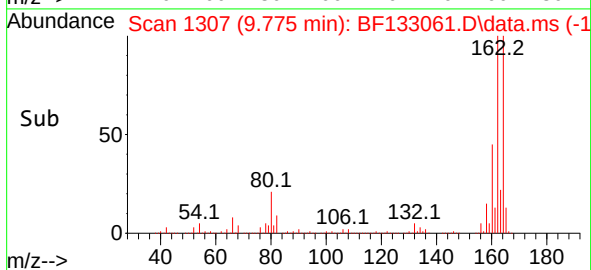
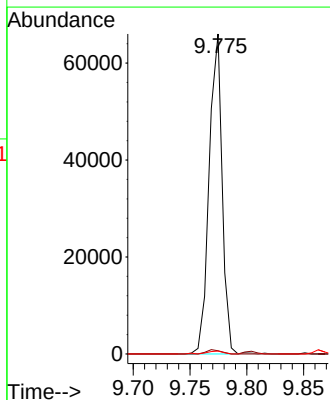
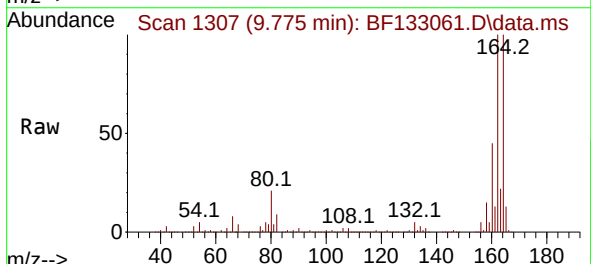
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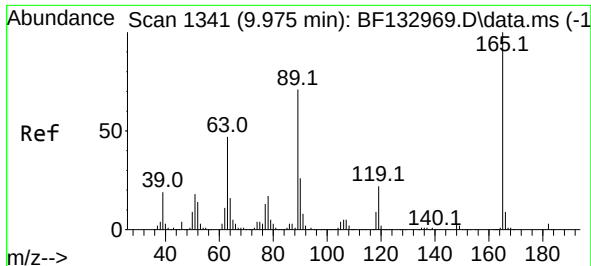
Tgt Ion:163 Resp: 82729
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 462.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.456 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion:165 Resp: 52403
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 0.9 44.0 66.0#

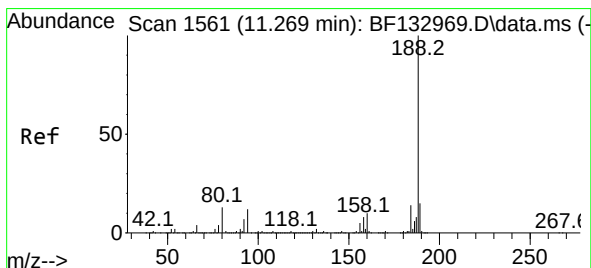
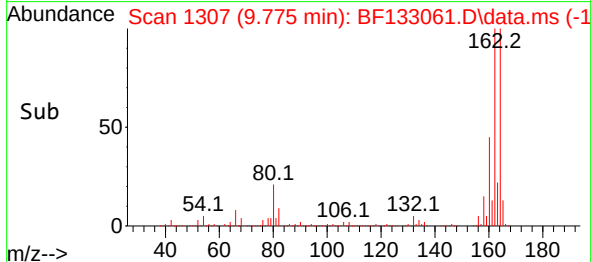
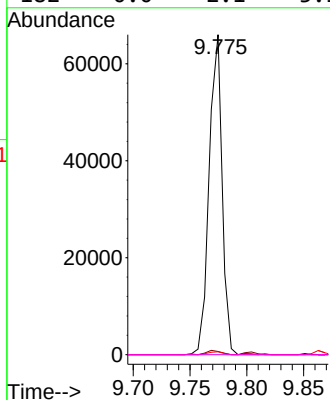
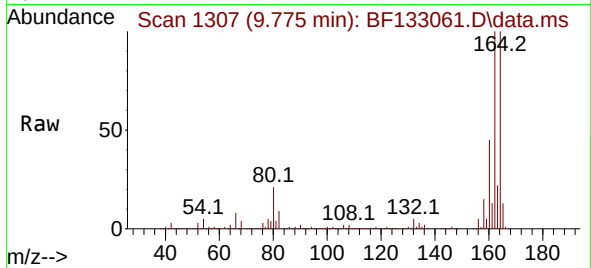




#57
2,4-Dinitrotoluene
Concen: 6.631 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

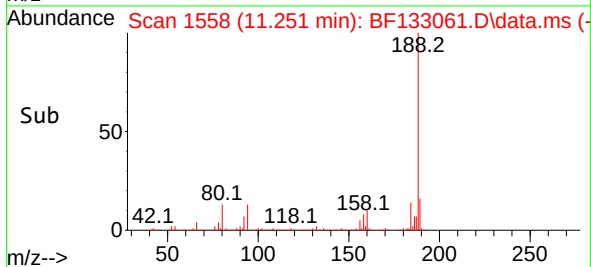
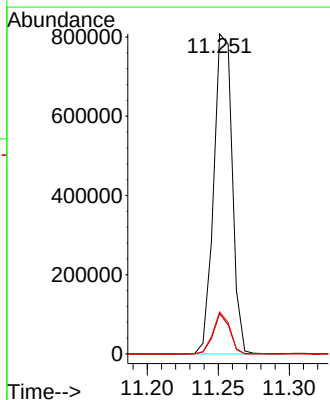
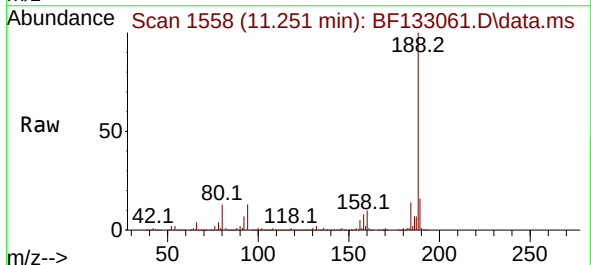
Instrument :
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ClientSampleId :
20230350-COMP-28

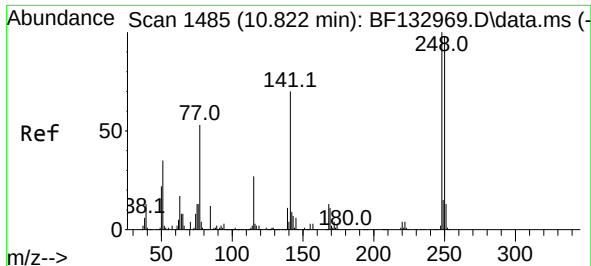
Tgt Ion:165 Resp: 52403
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion:188 Resp: 730632
Ion Ratio Lower Upper
188 100
94 12.6 9.7 14.5
80 13.1 10.4 15.6

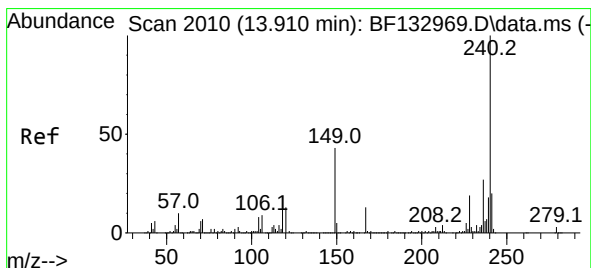
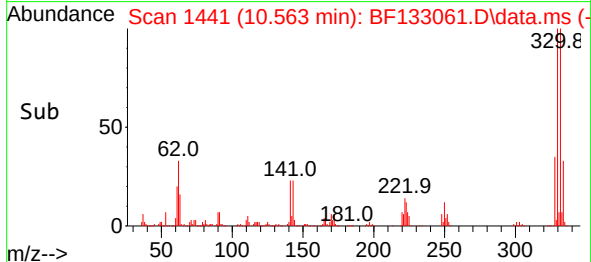
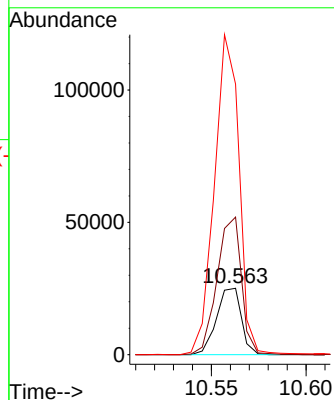
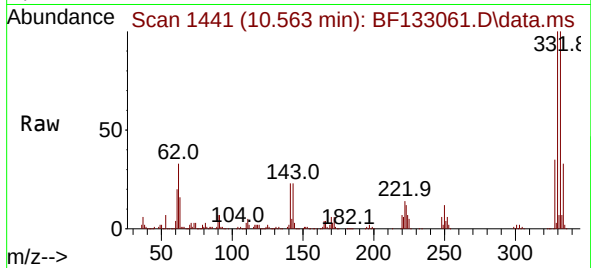




#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

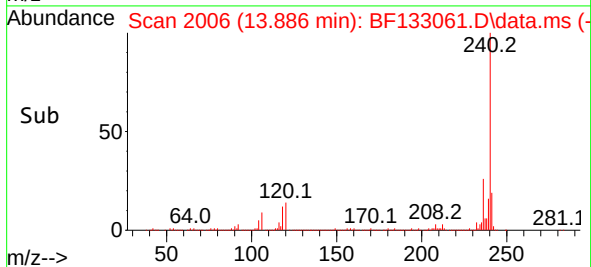
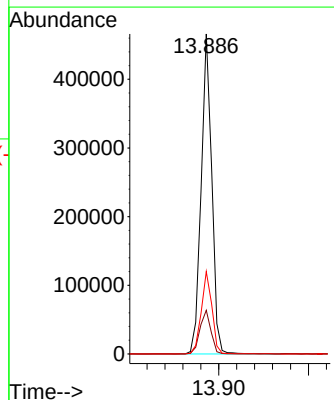
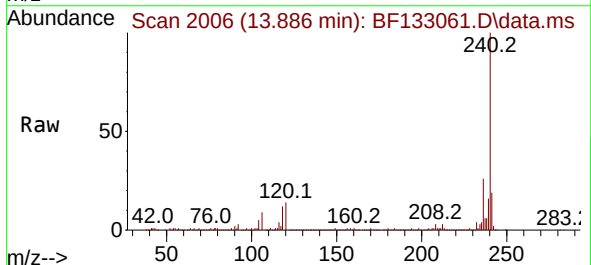
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

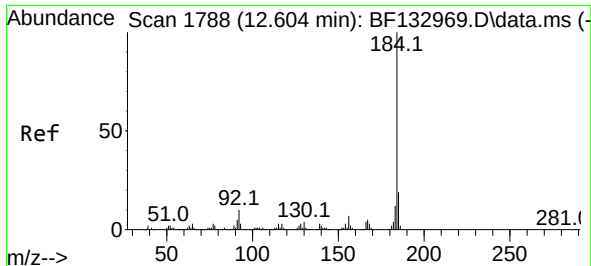
Tgt Ion:248 Resp: 22929
Ion Ratio Lower Upper
248 100
250 207.1 78.7 118.1#
141 407.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

Tgt Ion:240 Resp: 382088
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 25.8 21.5 32.3

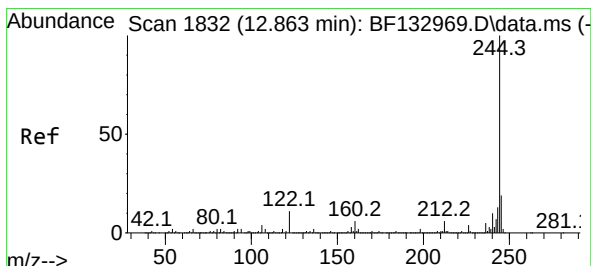
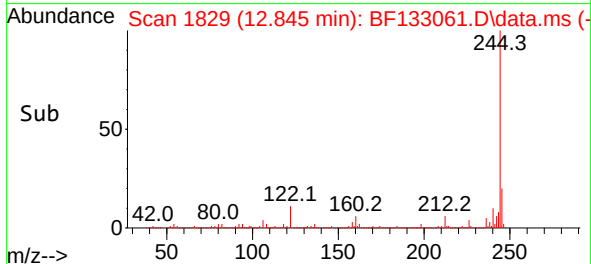
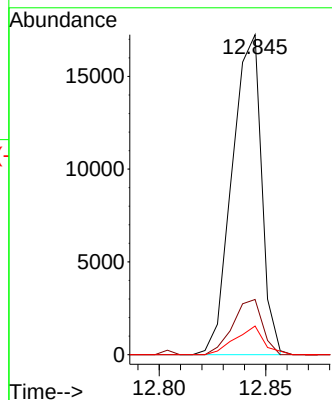
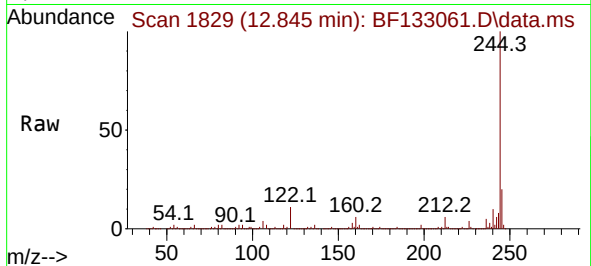




#77
Benzidine
Concen: 2.569 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.253 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

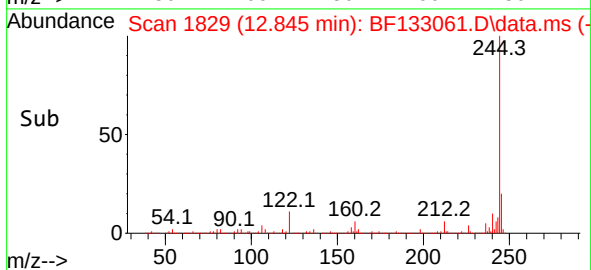
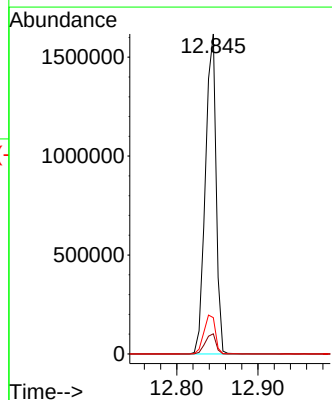
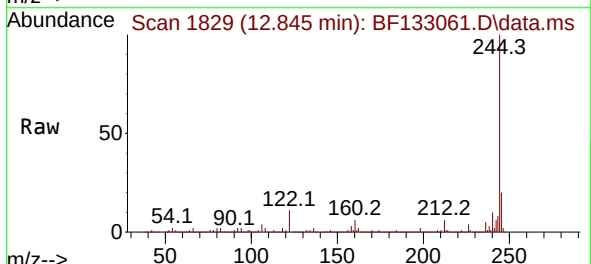
Instrument :
BNA_F
ClientSampleId :
20230350-COMP-28

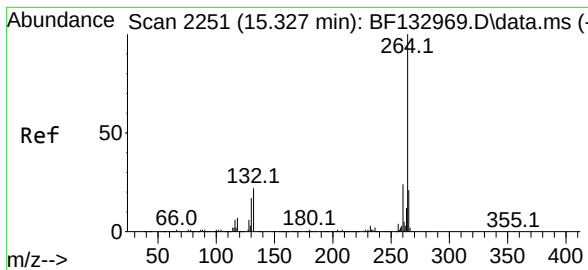
Tgt Ion:184 Resp: 16596
Ion Ratio Lower Upper
184 100
185 17.2 15.4 23.2
183 9.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.719 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133061.D
Acq: 26 Apr 2023 12:39

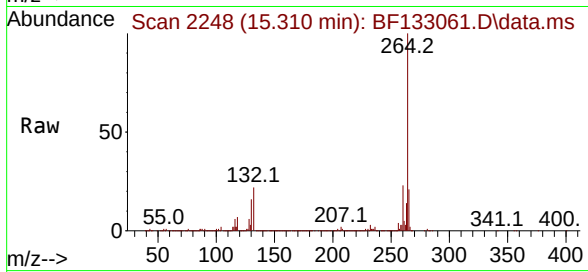
Tgt Ion:244 Resp: 1478112
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.3 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133061.D
 Acq: 26 Apr 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :
 20230350-COMP-28



Tgt Ion:264 Resp: 371523

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	20.7	17.0	25.4

