

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133078.D
 Acq On : 26 Apr 2023 22:04
 Operator : CG\JU
 Sample : 02448-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230346-COMP-24

Quant Time: Apr 27 02:03:09 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)

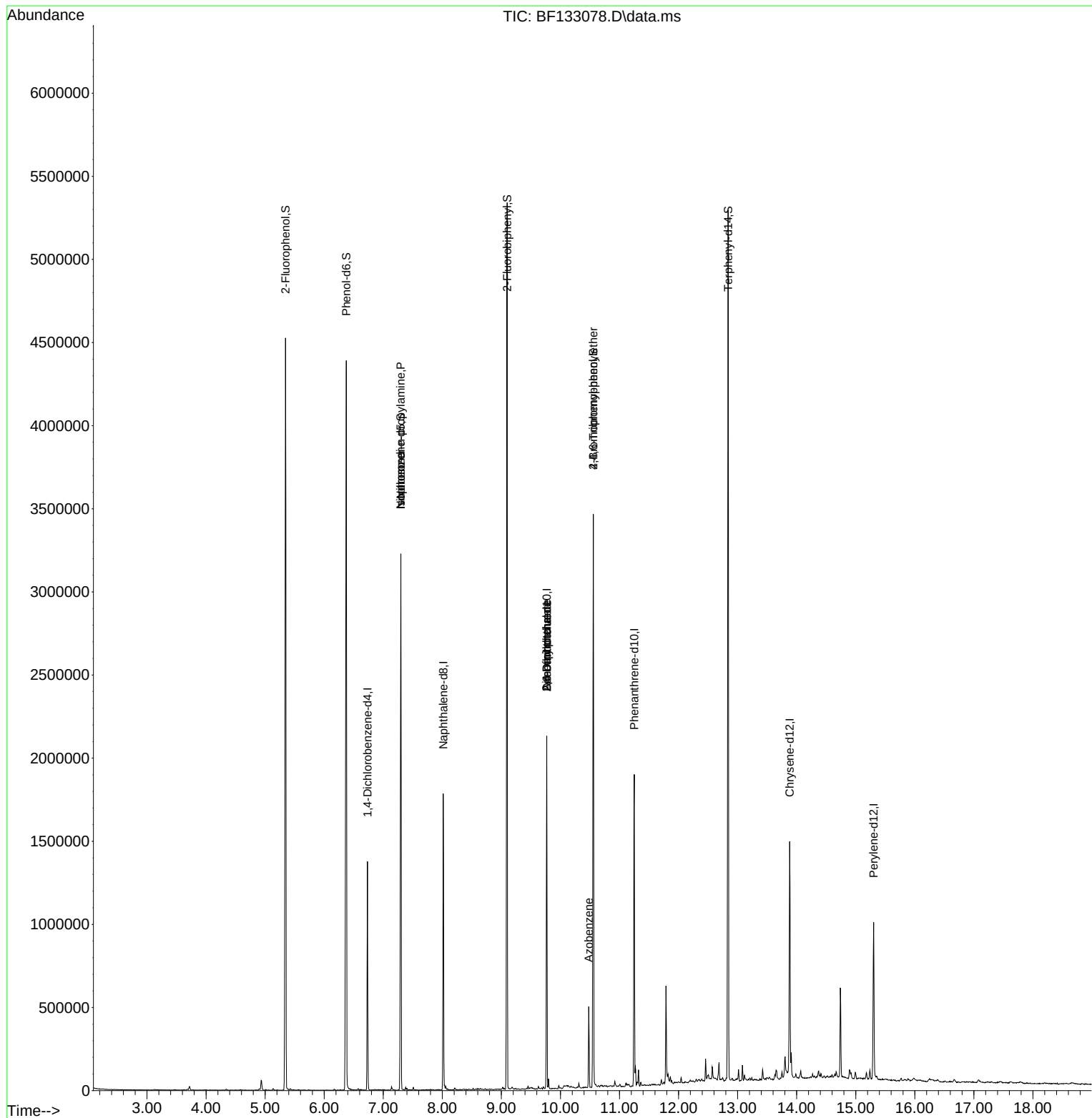
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	173736	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	713183	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	370530	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	676675	20.000	ng	0.00
76) Chrysene-d12	13.880	240	417487	20.000	ng	-0.01
86) Perylene-d12	15.304	264	387989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1439678	125.178	ng	0.00
7) Phenol-d6	6.375	99	1701726	119.209	ng	0.00
23) Nitrobenzene-d5	7.298	82	1001791	75.820	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	448891	120.463	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1667149	75.274	ng	0.00
79) Terphenyl-d14	12.839	244	1900441	78.509	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	429	Below Cal	#	89
19) n-Nitroso-di-n-propyla...	7.298	70	130876	14.727	ng	# 77
25) Isophorone	7.298	82	1000436	39.879	ng	# 63
50) Dimethylphthalate	9.769	163	75850	2.936	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	46948	8.073	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	46948	6.331	ng	# 23
63) Azobenzene	10.480	77	74642	2.887	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	27863	3.797	ng	# 1

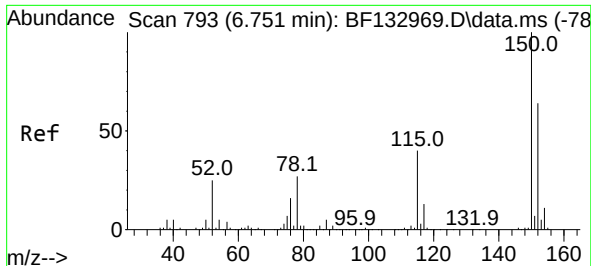
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 02:03:09 2023
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

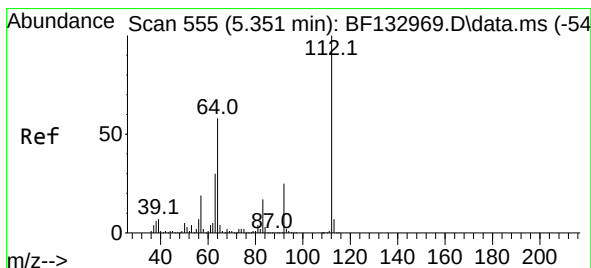
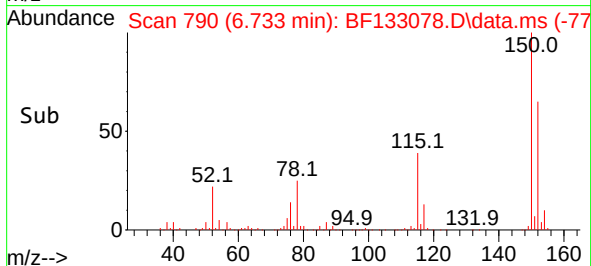
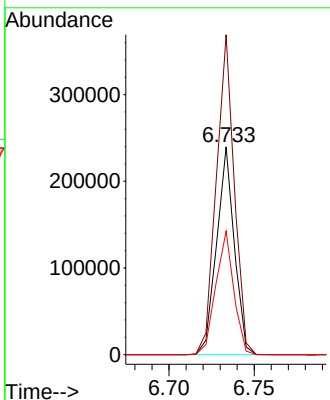
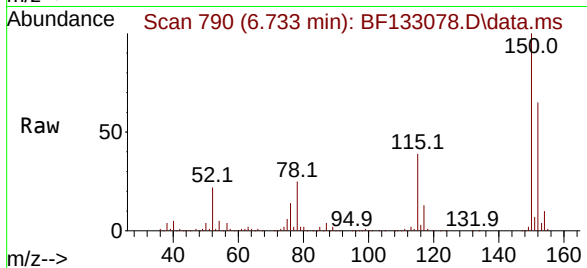




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

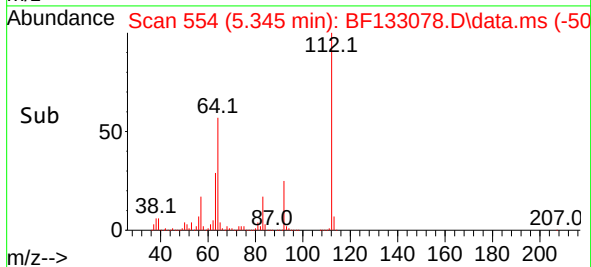
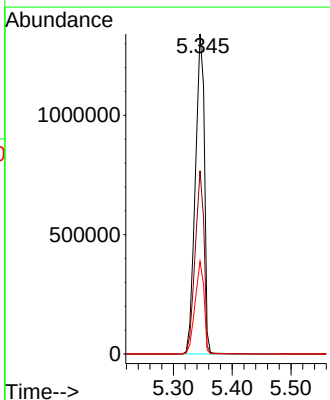
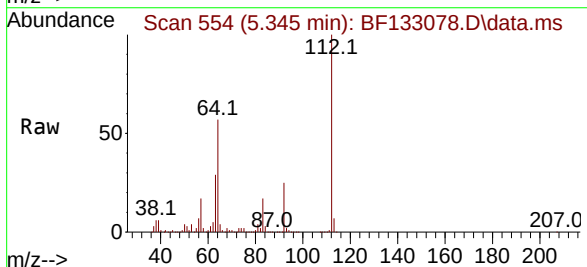
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

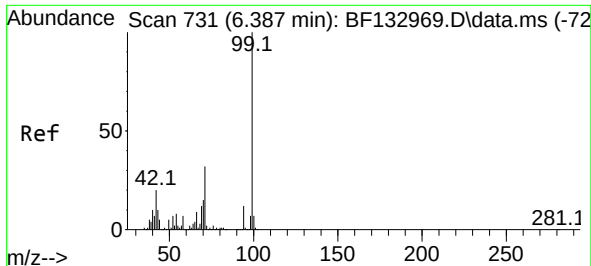
Tgt Ion:152 Resp: 173736
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 125.178 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion:112 Resp: 1439678
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 28.9 23.8 35.8

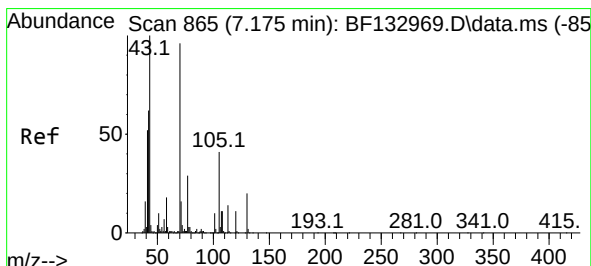
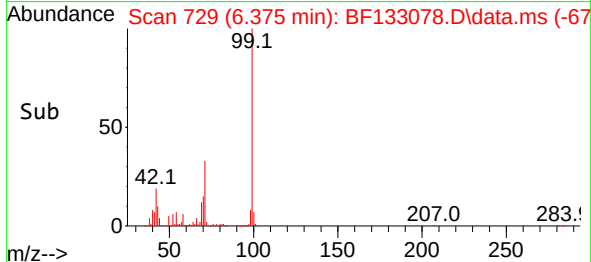
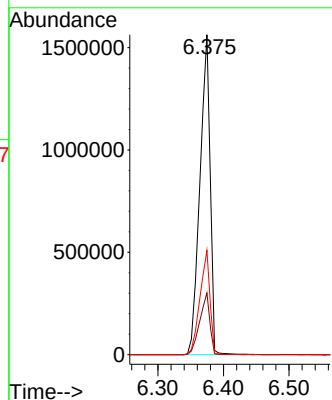
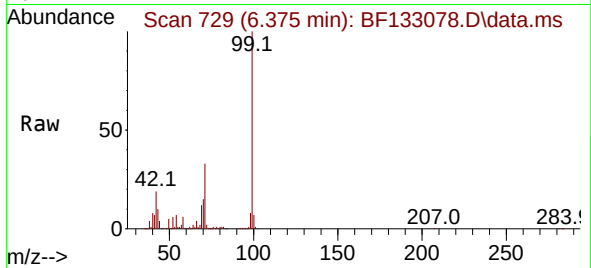




#7
Phenol-d6
Concen: 119.209 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

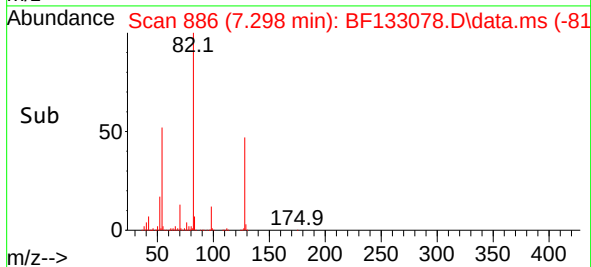
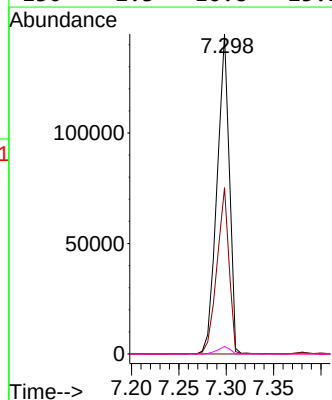
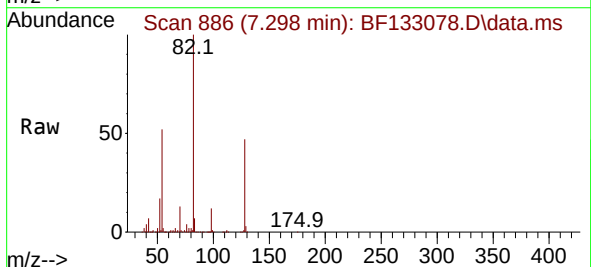
Instrument :
BNA_F
ClientSampleId :
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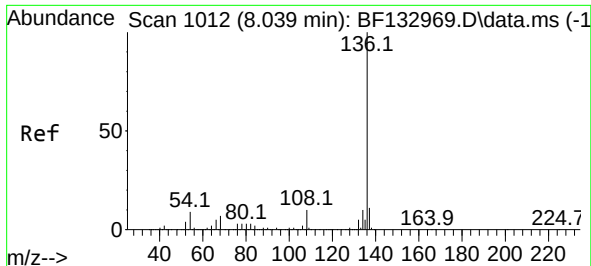
Tgt Ion: 99 Resp: 1701726
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.727 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion: 70 Resp: 130876
Ion Ratio Lower Upper
70 100
42 51.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

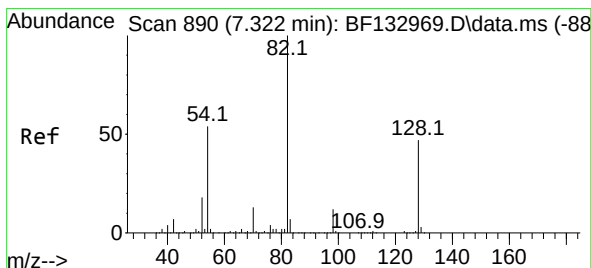
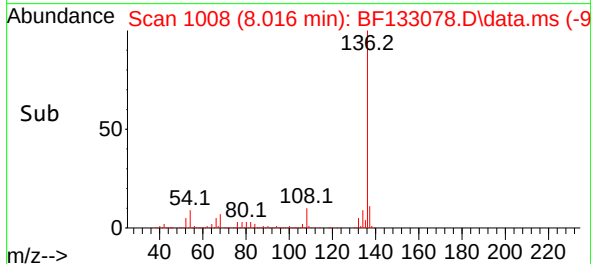
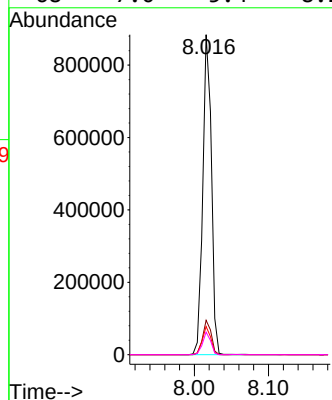
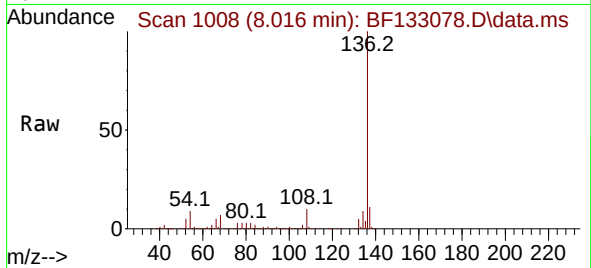




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

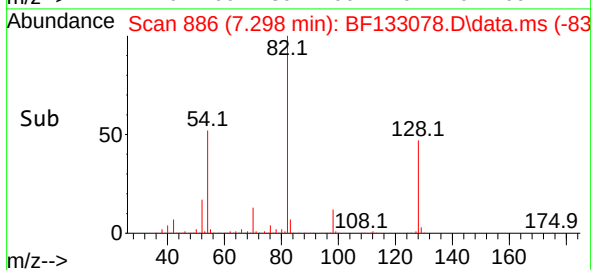
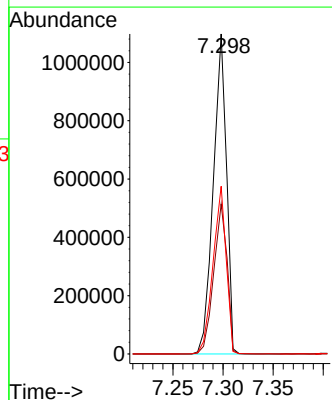
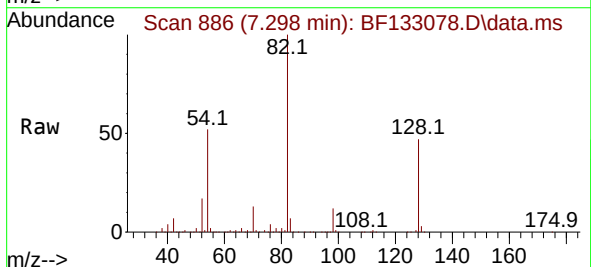
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

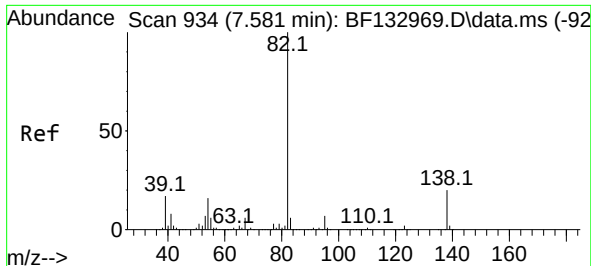
Tgt Ion:136	Resp: 713183
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.8	7.0 10.4
68 7.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.820 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion: 82		Resp: 1001791	
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	52.4	43.0	64.4

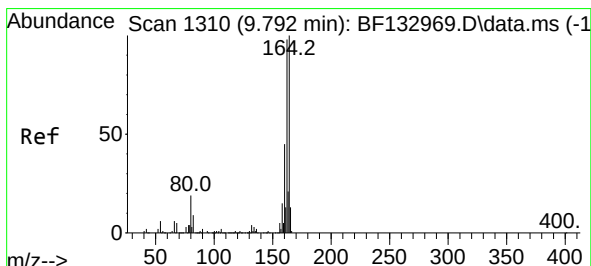
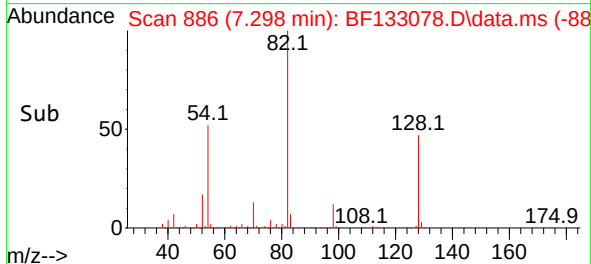
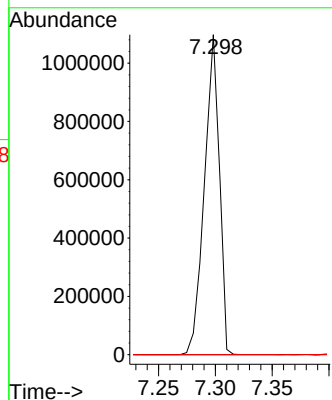
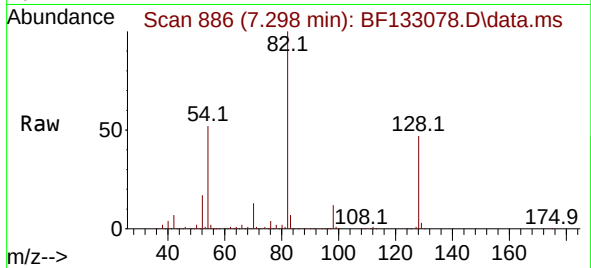




#25
Isophorone
Concen: 39.879 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

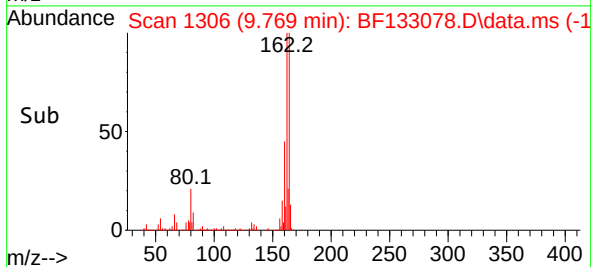
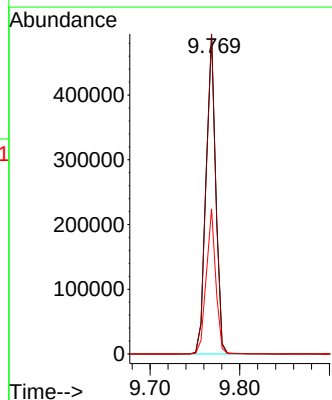
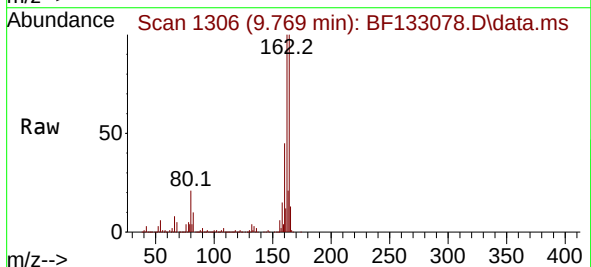
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

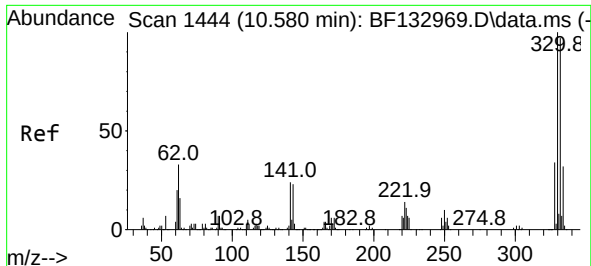
Tgt Ion: 82 Resp: 1000436
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion:164 Resp: 370530
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 45.4 35.8 53.6

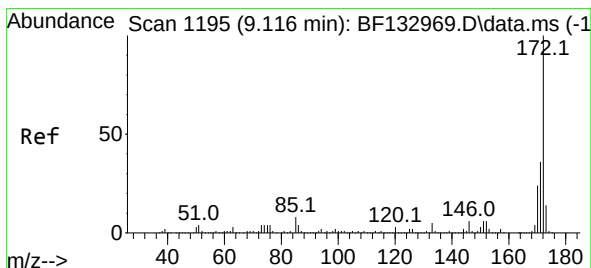
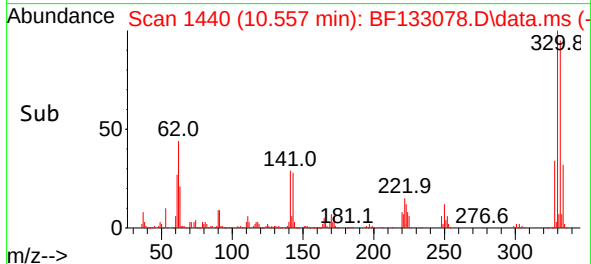
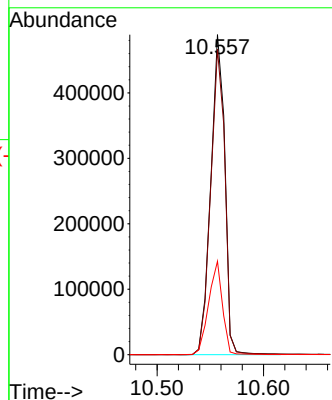
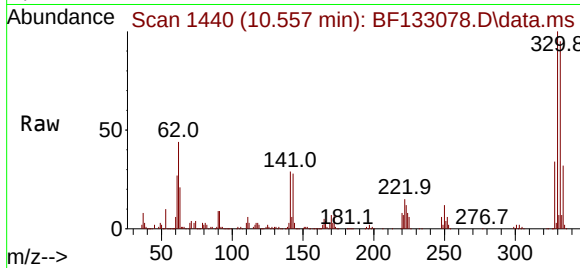




#42
2,4,6-Tribromophenol
Concen: 120.463 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

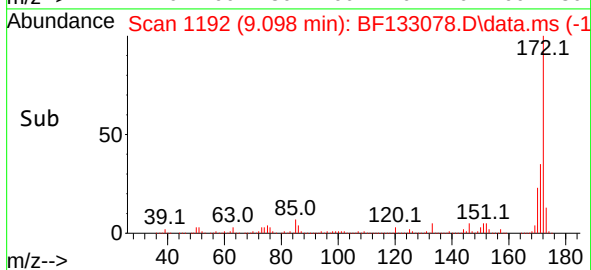
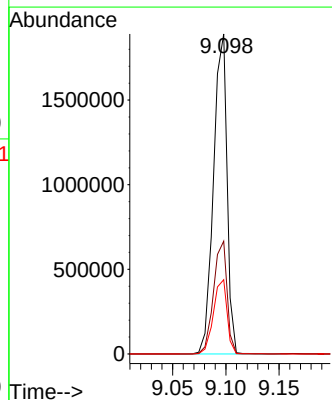
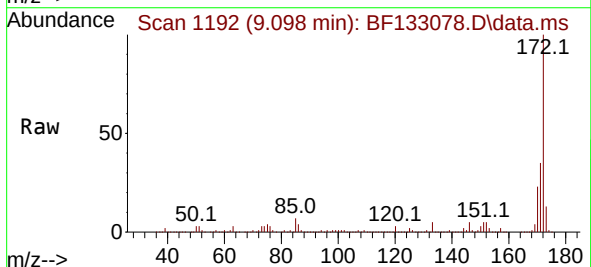
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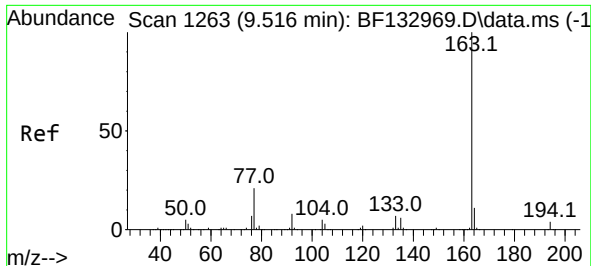
Tgt Ion:330 Resp: 448891
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.274 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion:172 Resp: 1667149
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 19.4 29.2

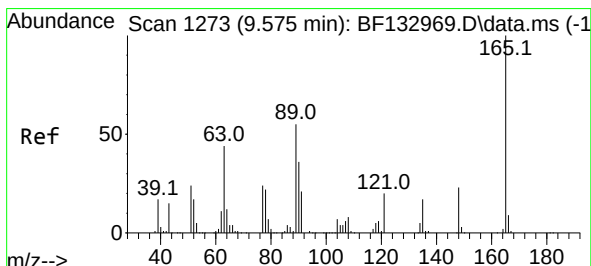
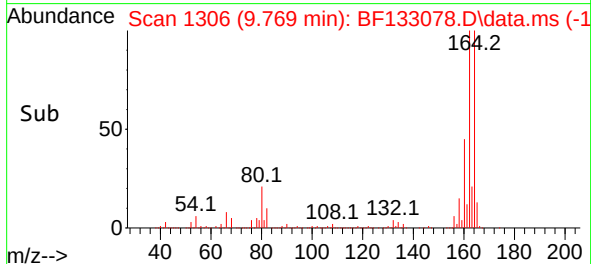
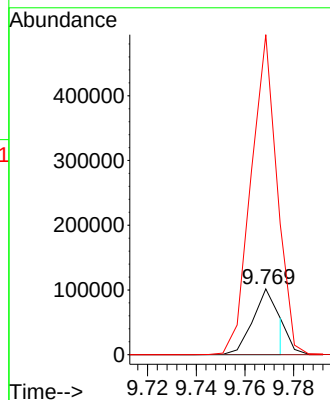
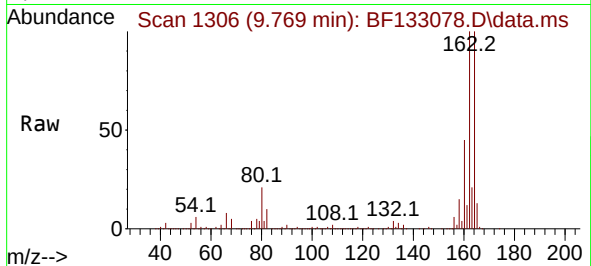




#50
Dimethylphthalate
Concen: 2.936 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

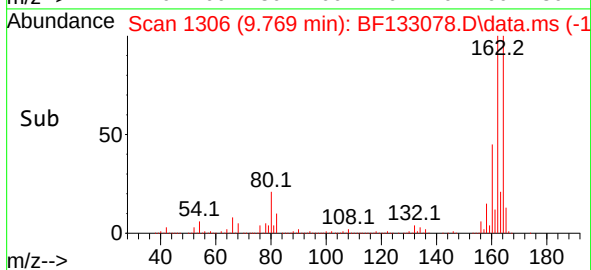
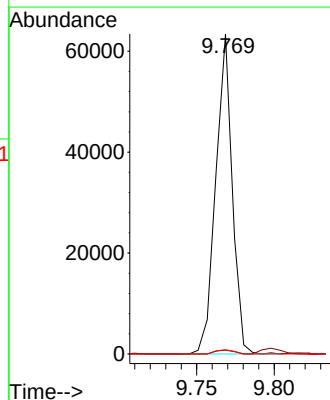
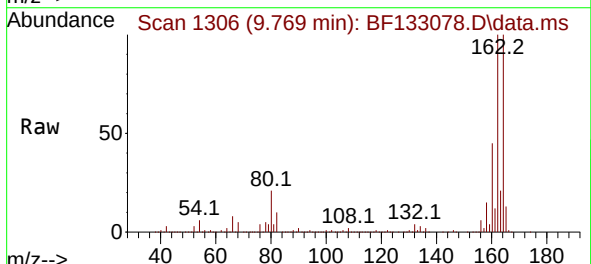
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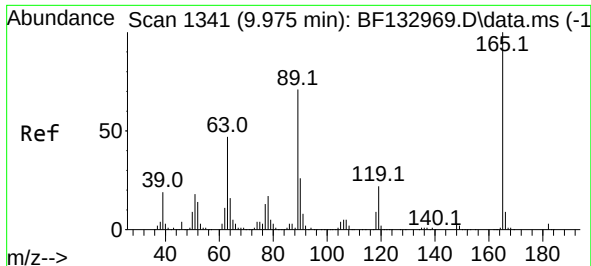
Tgt Ion:163 Resp: 75850
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 486.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion:165 Resp: 46948
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.3 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.331 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF133078.D

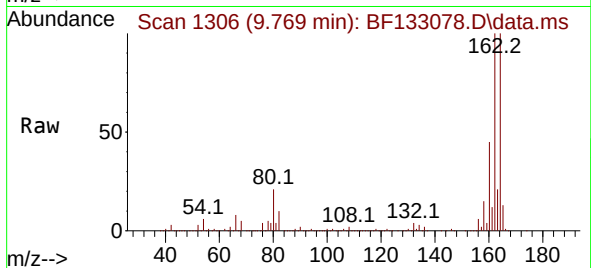
Acq: 26 Apr 2023 22:04

Instrument :

BNA_F

ClientSampleId :

20230346-COMP-24



Tgt Ion:165 Resp: 46948

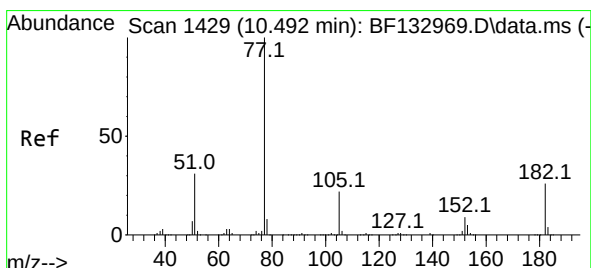
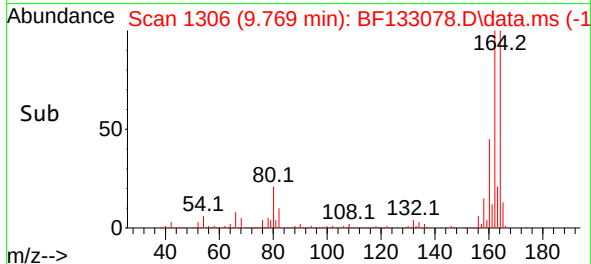
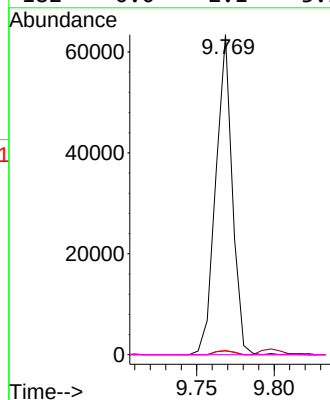
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.3 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.887 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF133078.D

Acq: 26 Apr 2023 22:04

Tgt Ion: 77 Resp: 74642

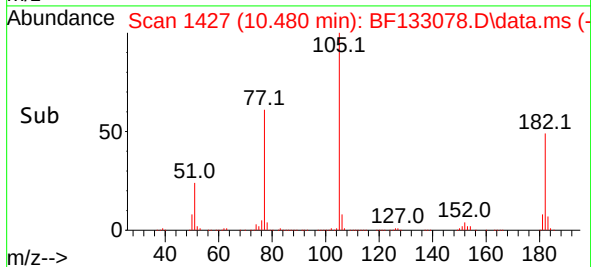
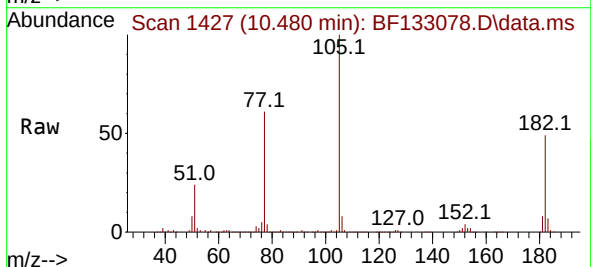
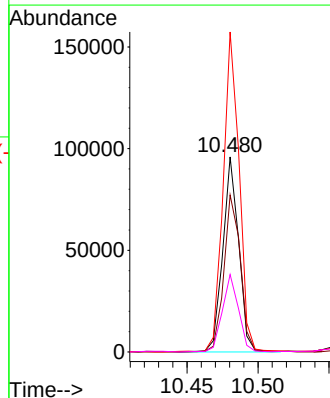
Ion Ratio Lower Upper

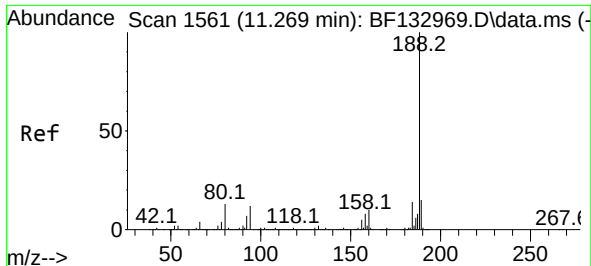
77 100

182 80.5 5.9 45.9#

105 164.1 2.3 42.3#

51 39.7 11.1 51.1

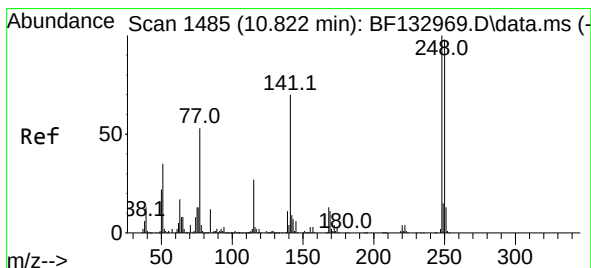
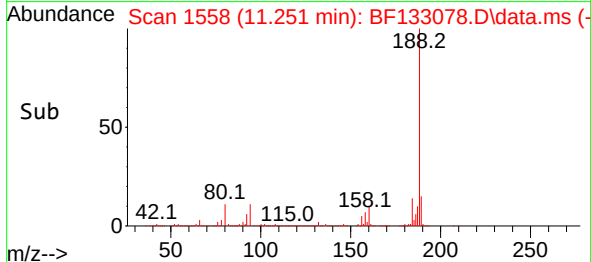
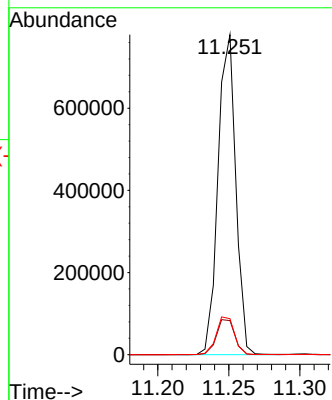
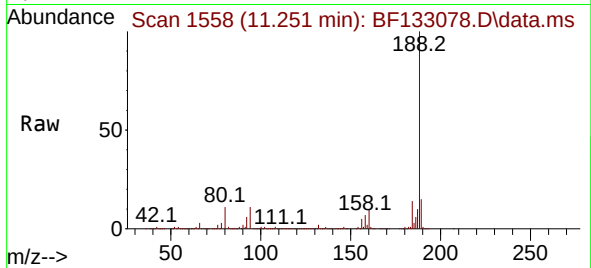




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

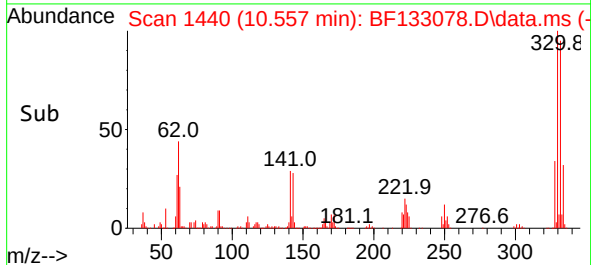
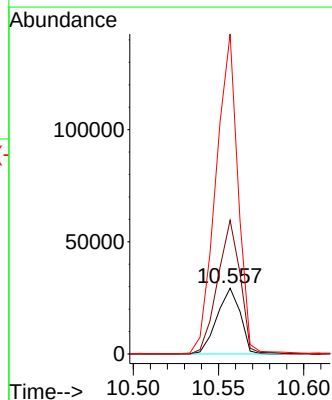
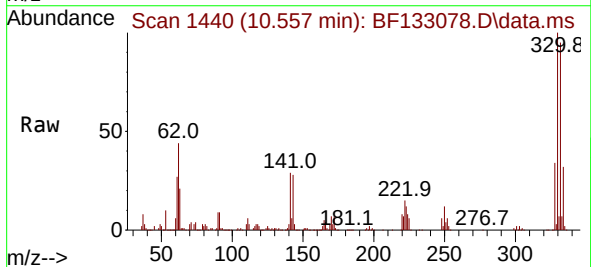
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

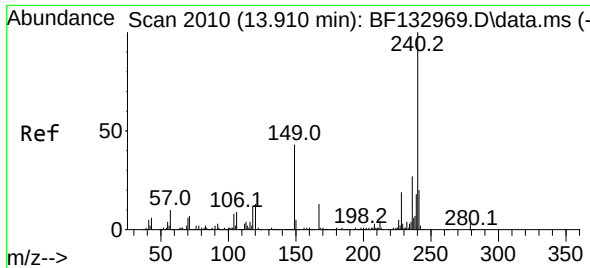
Tgt Ion:188 Resp: 676675
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.2 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion:248 Resp: 27863
Ion Ratio Lower Upper
248 100
250 203.2 78.7 118.1#
141 486.0 56.3 84.5#

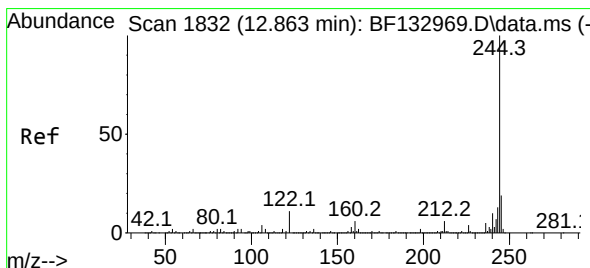
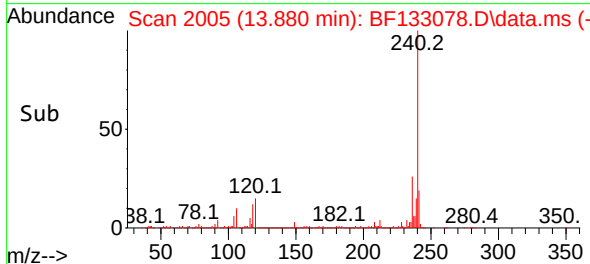
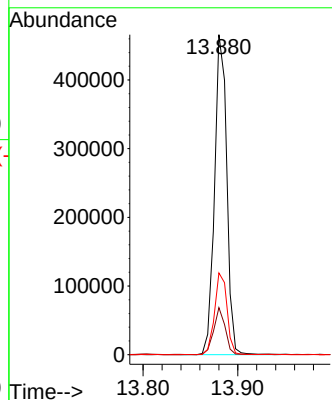
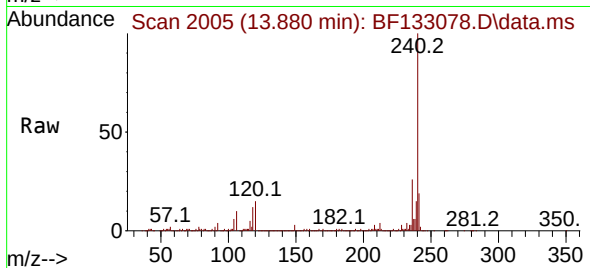




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

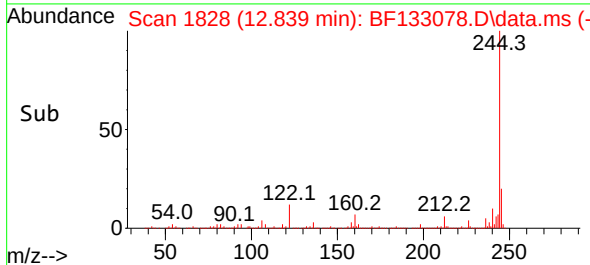
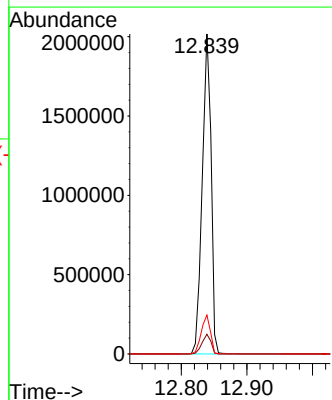
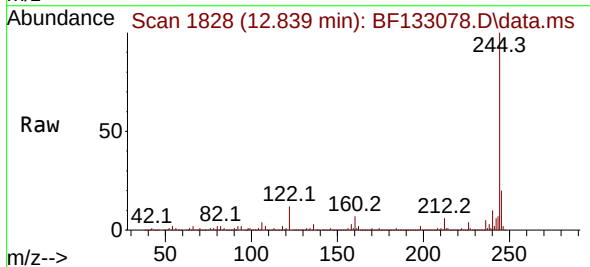
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

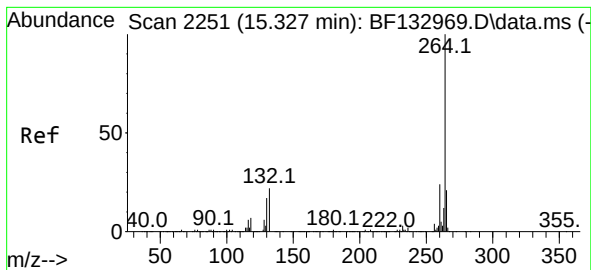
Tgt Ion:240 Resp: 417487
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 25.6 21.5 32.3



#79
Terphenyl-d14
Concen: 78.509 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

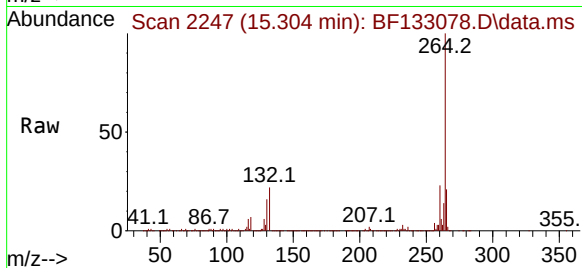
Tgt Ion:244 Resp: 1900441
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 12.1 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133078.D
 Acq: 26 Apr 2023 22:04

Instrument :
 BNA_F
 ClientSampleId :
 20230346-COMP-24



Tgt Ion:264 Resp: 387989
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.5 17.0 25.4

