

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133107.D
 Acq On : 27 Apr 2023 18:55
 Operator : CG\JU
 Sample : 02503-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-03

Quant Time: Apr 28 02:11:41 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 02:00:53 2023
 Response via : Initial Calibration

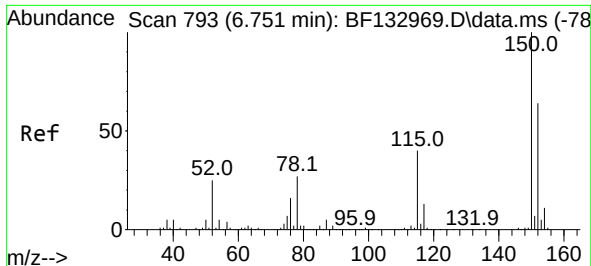
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	198327	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	814929	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	437763	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	764096	20.000	ng	0.00
76) Chrysene-d12	13.880	240	459776	20.000	ng	-0.02
86) Perylene-d12	15.304	264	410676	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1294501	98.599	ng	0.00
7) Phenol-d6	6.375	99	1652232	101.390	ng	0.00
23) Nitrobenzene-d5	7.298	82	932756	61.781	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	463297	105.234	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1703306	65.095	ng	0.00
79) Terphenyl-d14	12.839	244	1881635	70.582	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	443	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.298	70	120167	11.845	ng	# 76
25) Isophorone	7.298	82	930193	32.450	ng	# 63
50) Dimethylphthalate	9.769	163	87945	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	57010	8.298	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	57010	6.507	ng	# 23
63) Azobenzene	10.480	77	84204	2.757	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	28035	3.383	ng	# 1

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

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Response via : Initial Calibration

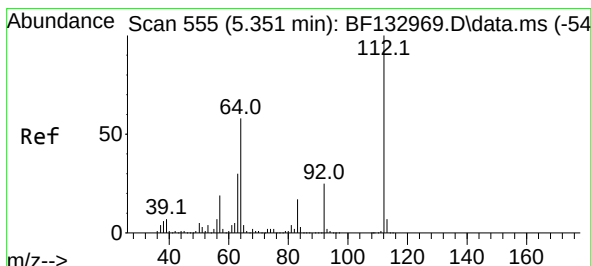
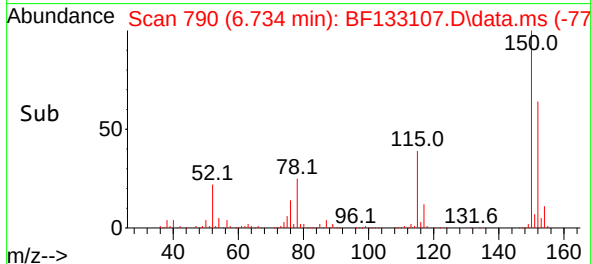
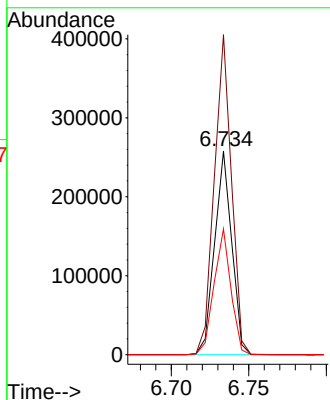
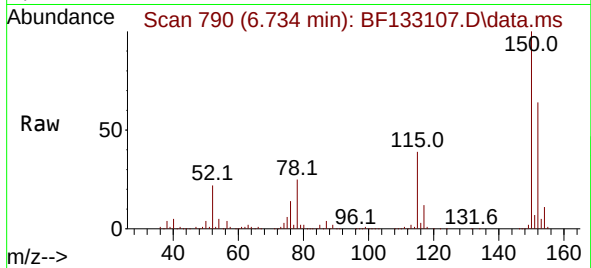




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133107.D
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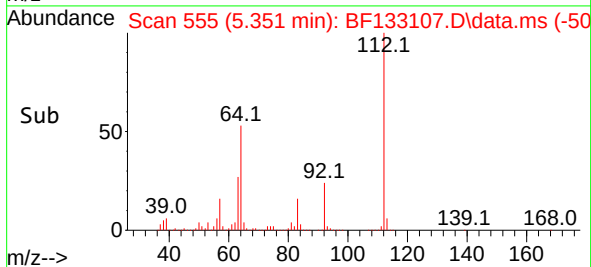
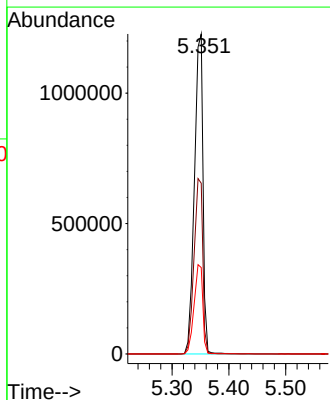
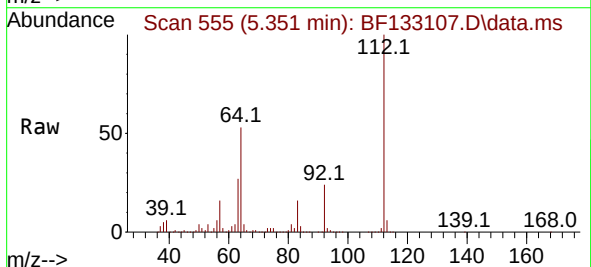
Instrument :
 BNA_F
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 TR-305A-COMP-03

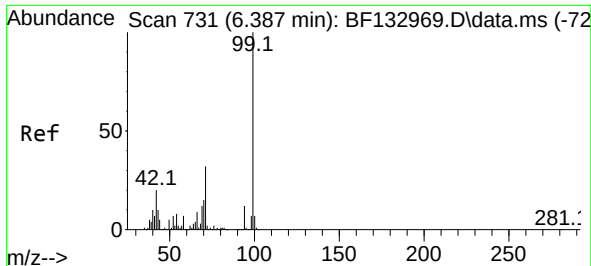
Tgt Ion:152 Resp: 198327
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.599 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF133107.D
 Acq: 27 Apr 2023 18:55

Tgt Ion:112 Resp: 1294501
 Ion Ratio Lower Upper
 112 100
 64 53.3 46.8 70.2
 63 27.0 23.8 35.8

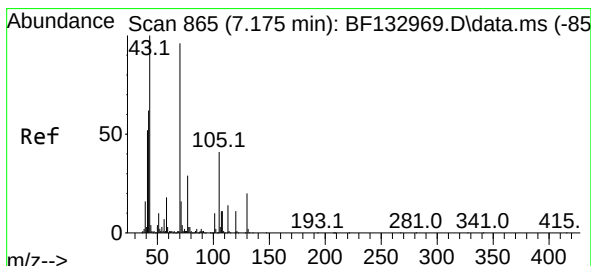
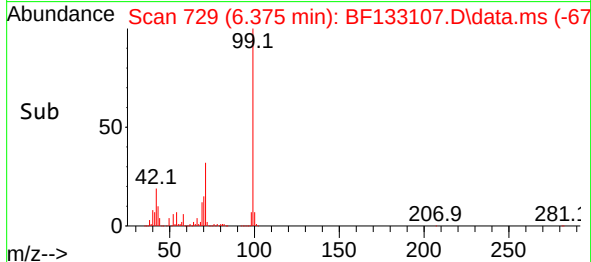
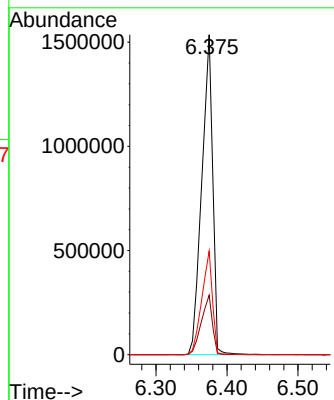
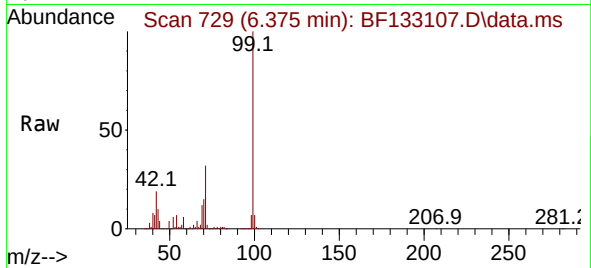




#7
Phenol-d6
Concen: 101.390 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

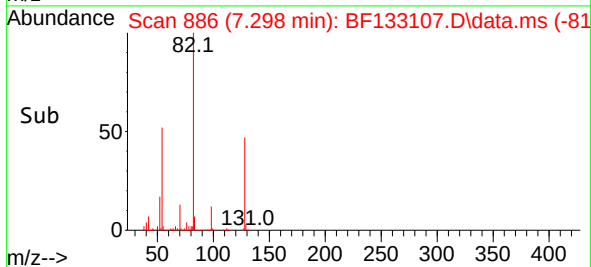
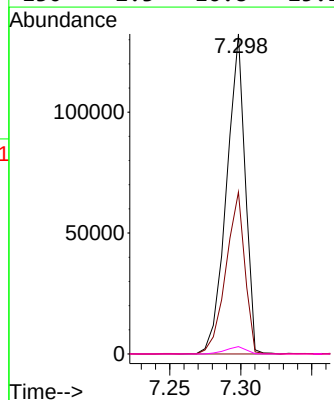
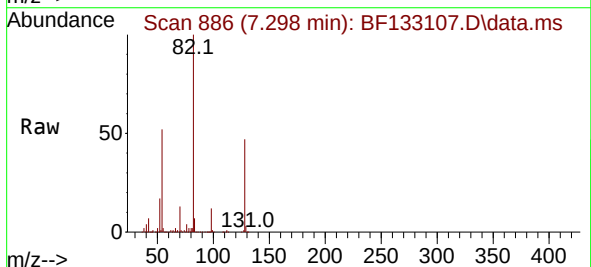
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-03

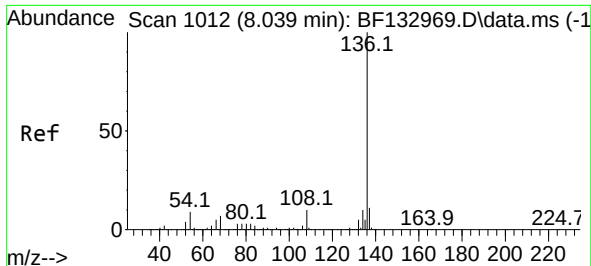
Tgt Ion: 99 Resp: 1652232
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.845 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion: 70 Resp: 120167
Ion Ratio Lower Upper
70 100
42 50.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

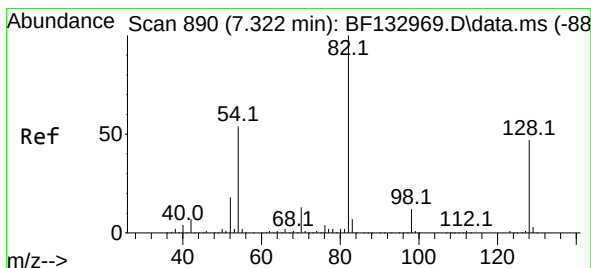
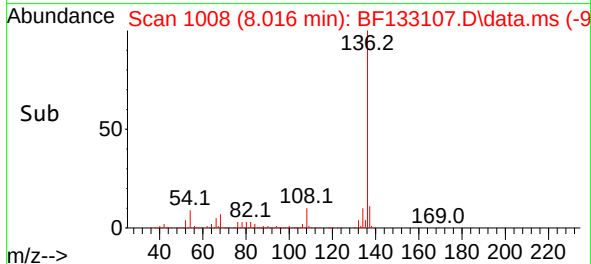
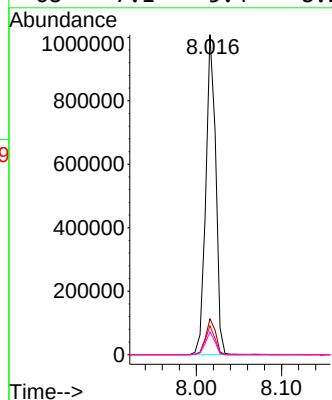
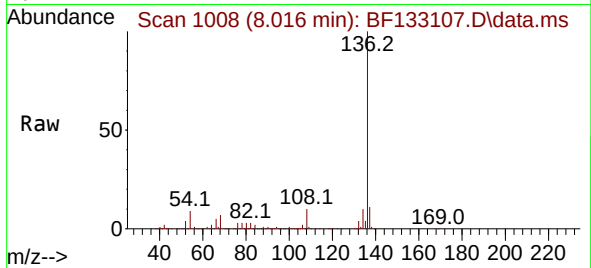




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

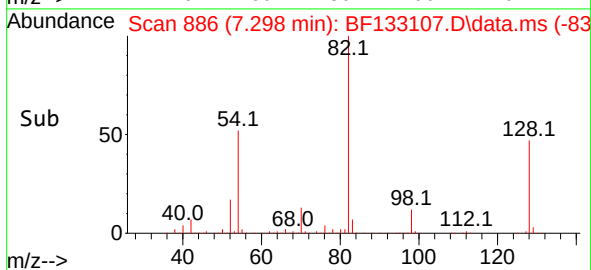
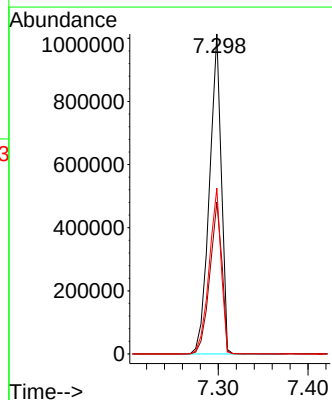
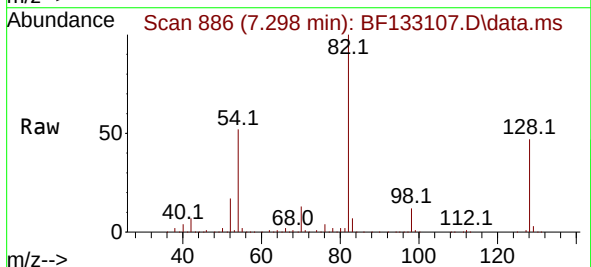
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-03

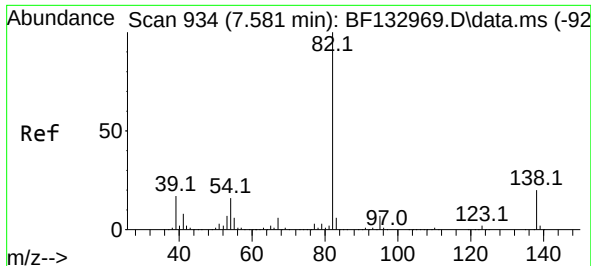
Tgt Ion:136 Resp: 814929
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 61.781 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion: 82 Resp: 932756
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 51.8 43.0 64.4

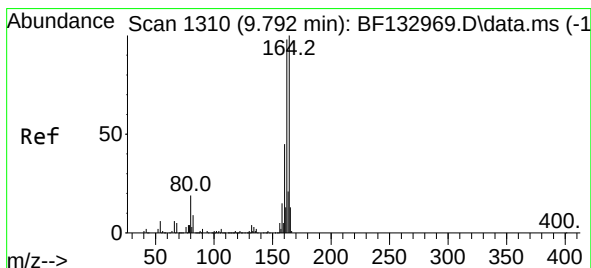
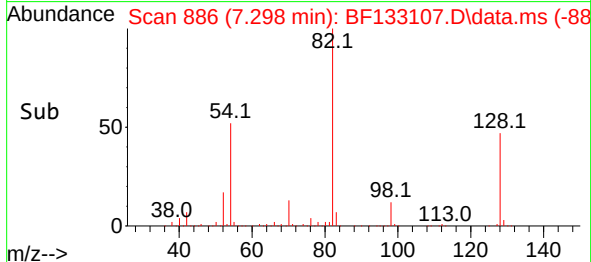
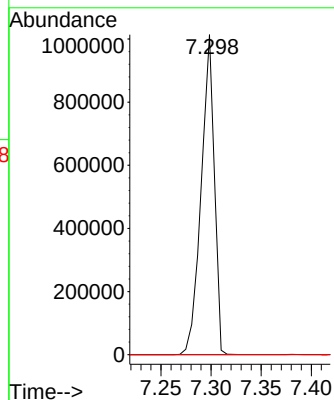
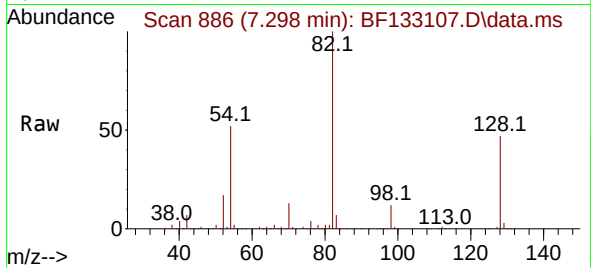




#25
Isophorone
Concen: 32.450 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

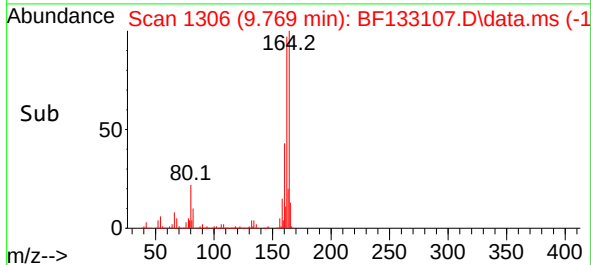
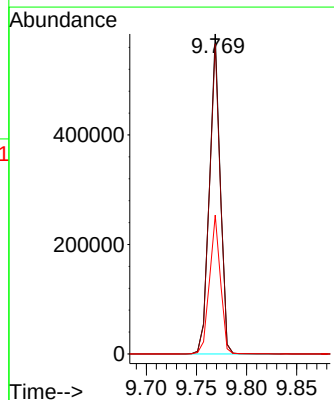
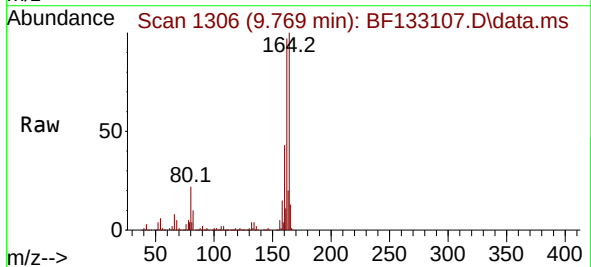
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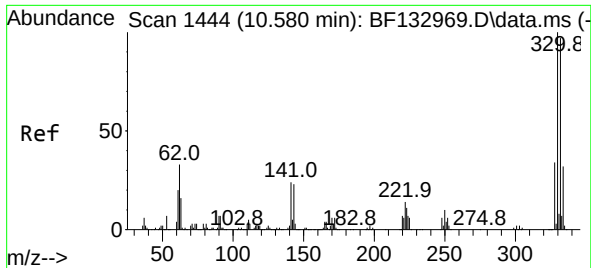
Tgt Ion: 82 Resp: 930193
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion:164 Resp: 437763
Ion Ratio Lower Upper
164 100
162 96.9 78.7 118.1
160 43.4 35.8 53.6

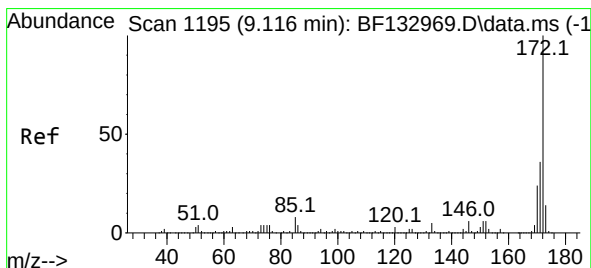
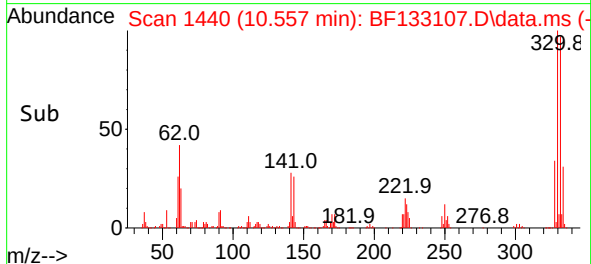
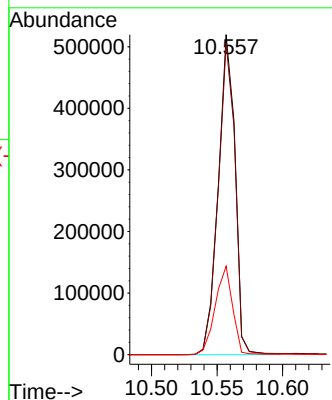
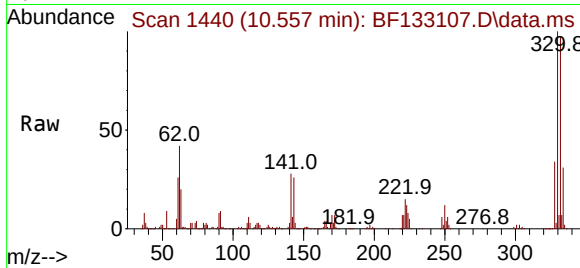




#42
 2,4,6-Tribromophenol
 Concen: 105.234 ng
 RT: 10.557 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF133107.D
 Acq: 27 Apr 2023 18:55

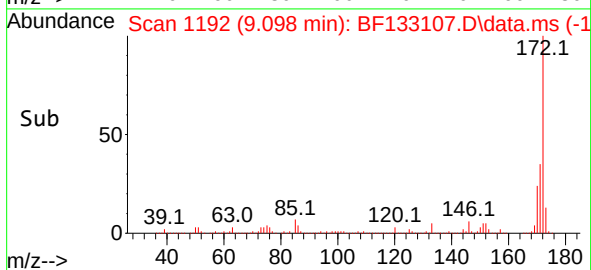
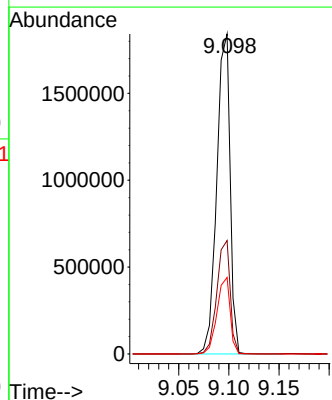
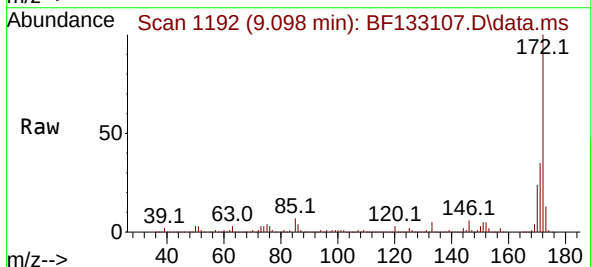
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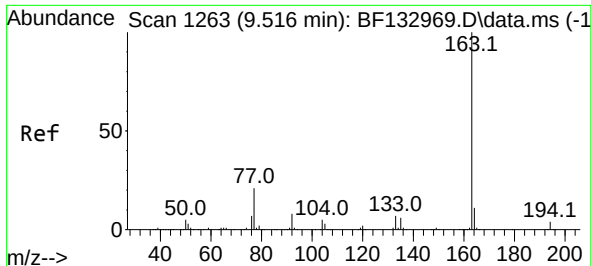
Tgt Ion:330 Resp: 463297
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 28.8 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 65.095 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF133107.D
 Acq: 27 Apr 2023 18:55

Tgt Ion:172 Resp: 1703306
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.9 19.4 29.2

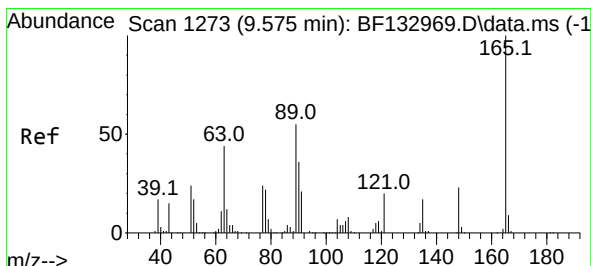
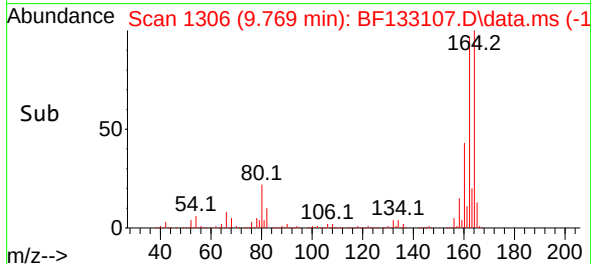
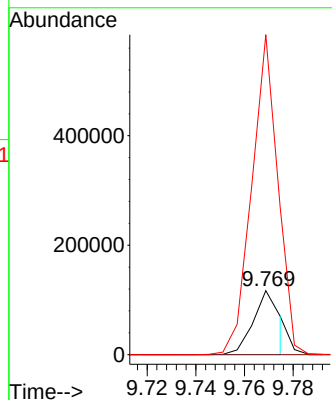
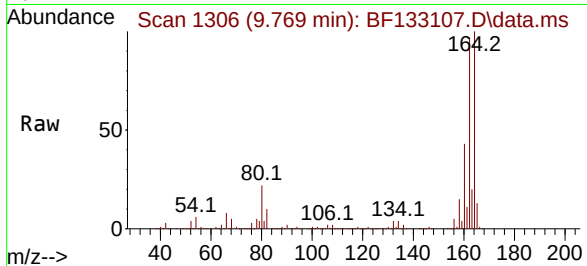




#50
Dimethylphthalate
Concen: 2.881 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.265 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

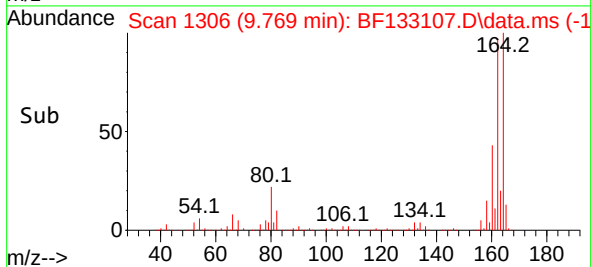
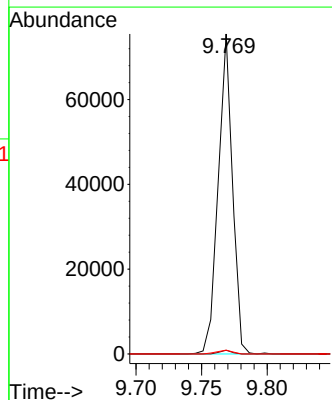
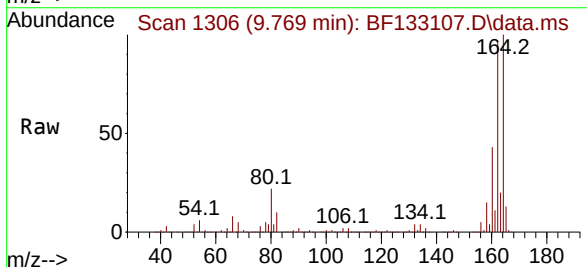
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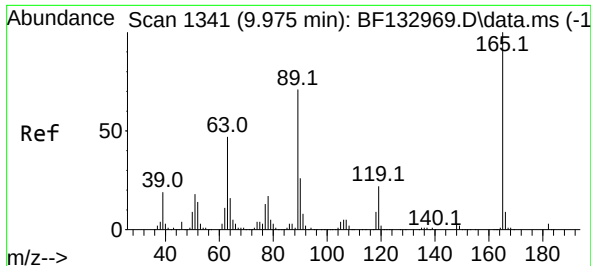
Tgt Ion:163 Resp: 87945
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 500.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.298 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion:165 Resp: 57010
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.2 44.0 66.0#

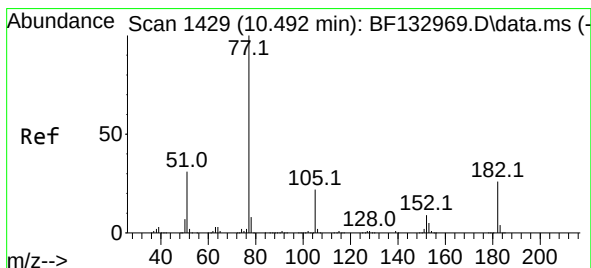
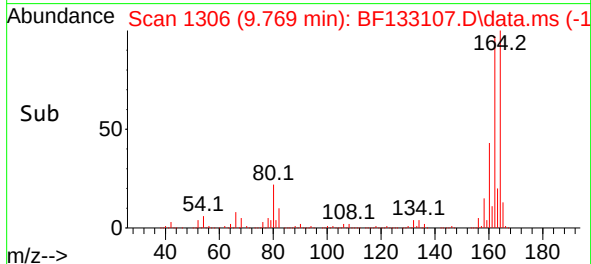
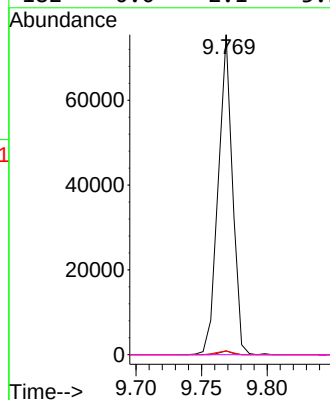
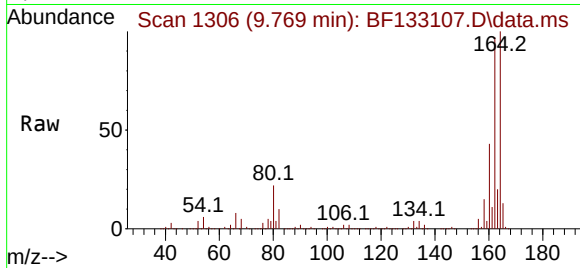




#57
2,4-Dinitrotoluene
Concen: 6.507 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

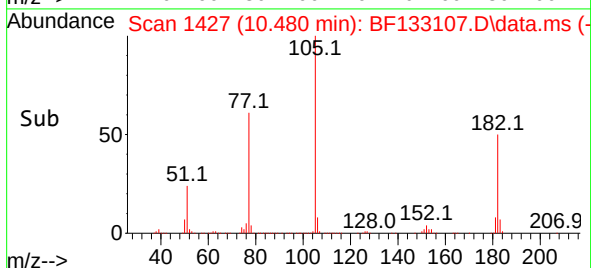
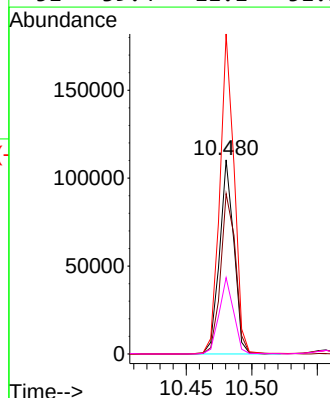
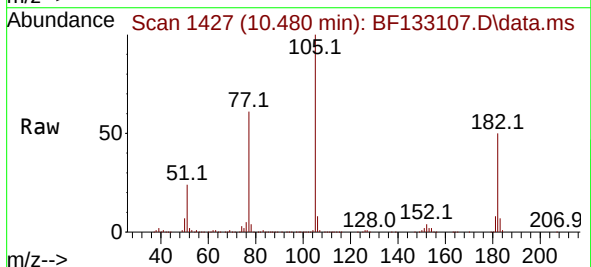
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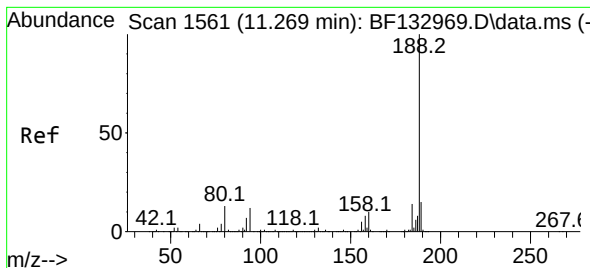
Tgt Ion:165	Resp:	57010
Ion Ratio	Lower	Upper
165	100	
63	1.2	37.7 56.5#
89	1.2	57.0 85.4#
182	0.0	2.1 3.1#



#63
Azobenzene
Concen: 2.757 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion: 77	Resp:	84204
Ion Ratio	Lower	Upper
77	100	
182	82.6	5.9 45.9#
105	164.9	2.3 42.3#
51	39.4	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: BF133107.D

Acq: 27 Apr 2023 18:55

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-03

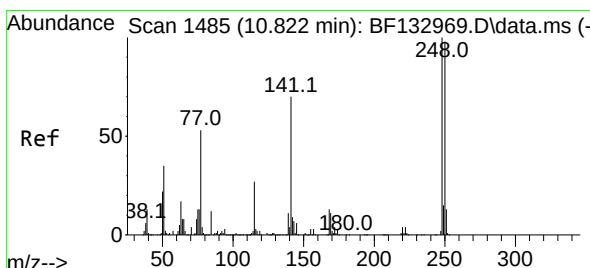
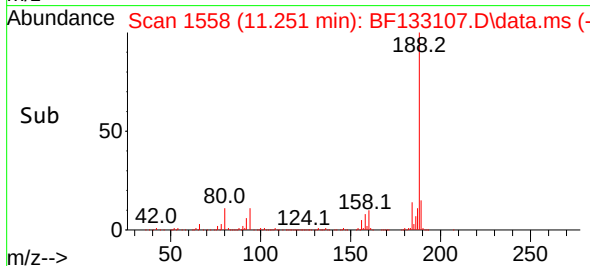
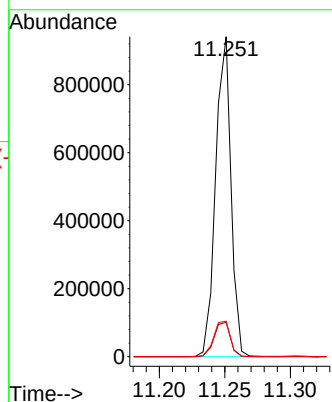
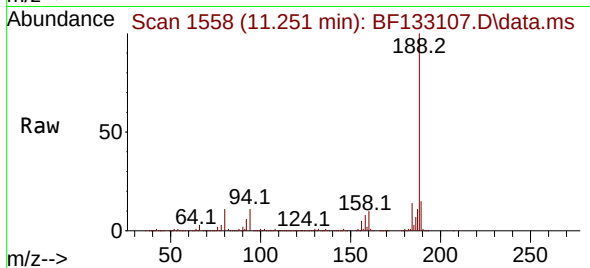
Tgt Ion:188 Resp: 764096

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.1 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.383 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133107.D

Acq: 27 Apr 2023 18:55

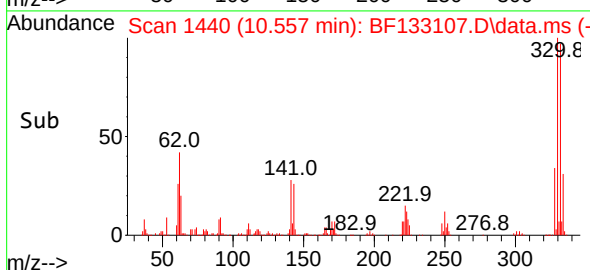
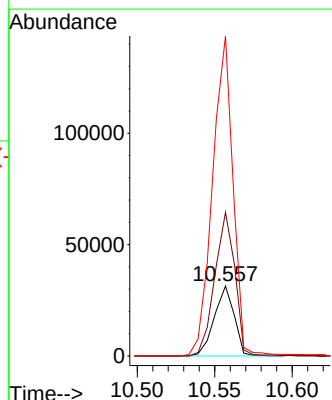
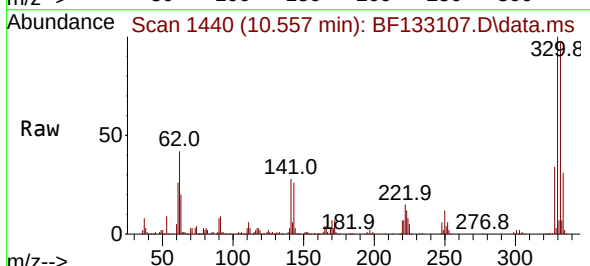
Tgt Ion:248 Resp: 28035

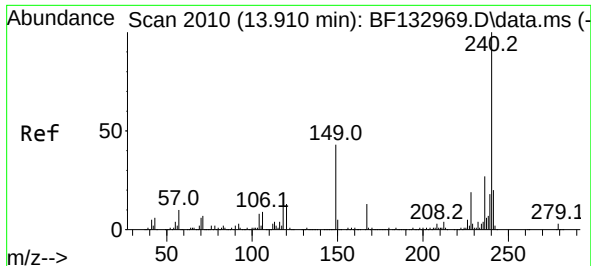
Ion Ratio Lower Upper

248 100

250 205.4 78.7 118.1#

141 457.6 56.3 84.5#

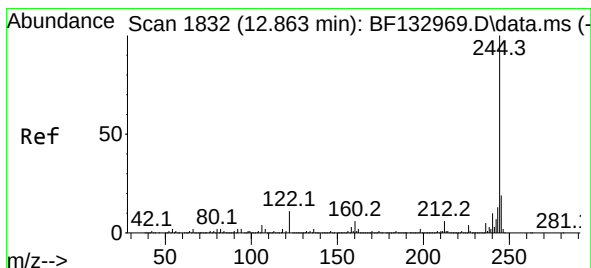
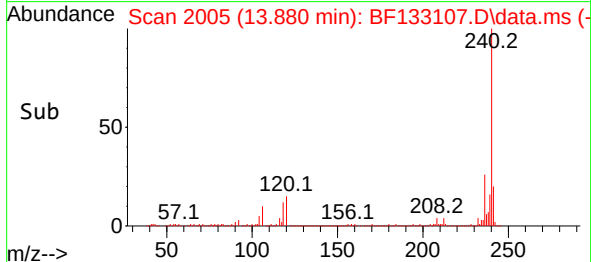
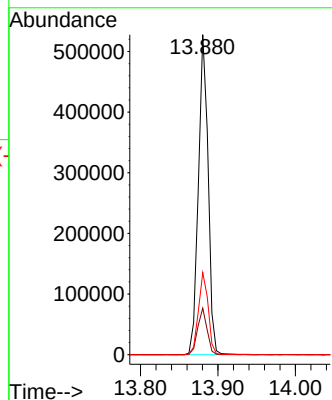
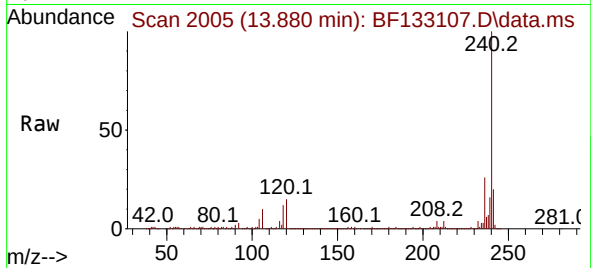




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

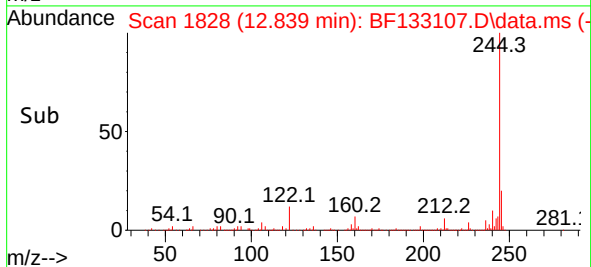
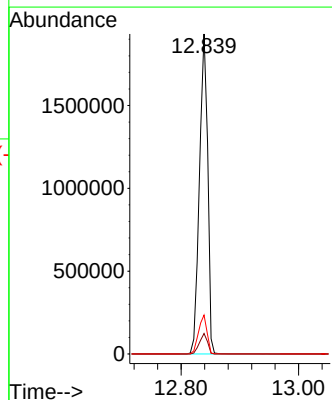
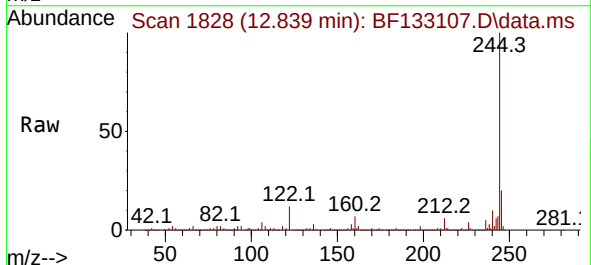
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-03

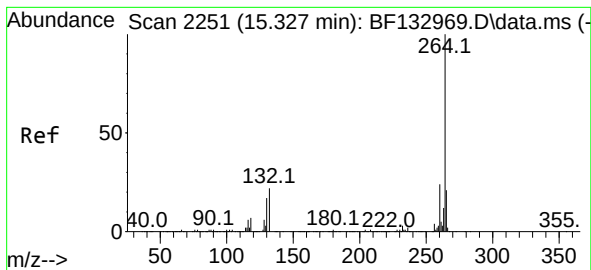
Tgt Ion:240 Resp: 459776
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 25.7 21.5 32.3



#79
Terphenyl-d14
Concen: 70.582 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133107.D
Acq: 27 Apr 2023 18:55

Tgt Ion:244 Resp: 1881635
Ion Ratio Lower Upper
244 100
212 6.4 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. -0.012 min

Lab File: BF133107.D

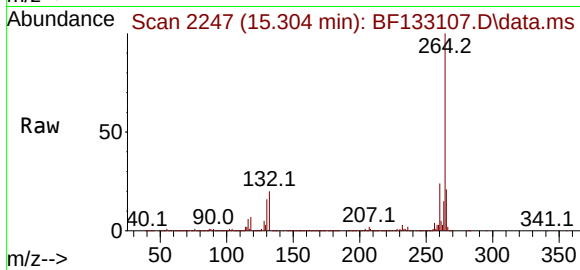
Acq: 27 Apr 2023 18:55

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-03



Tgt Ion:264 Resp: 410676

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.0 17.0 25.4

