

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133569.D
 Acq On : 05 Jun 2023 17:00
 Operator : CG\JU
 Sample : 02976-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 06 01:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

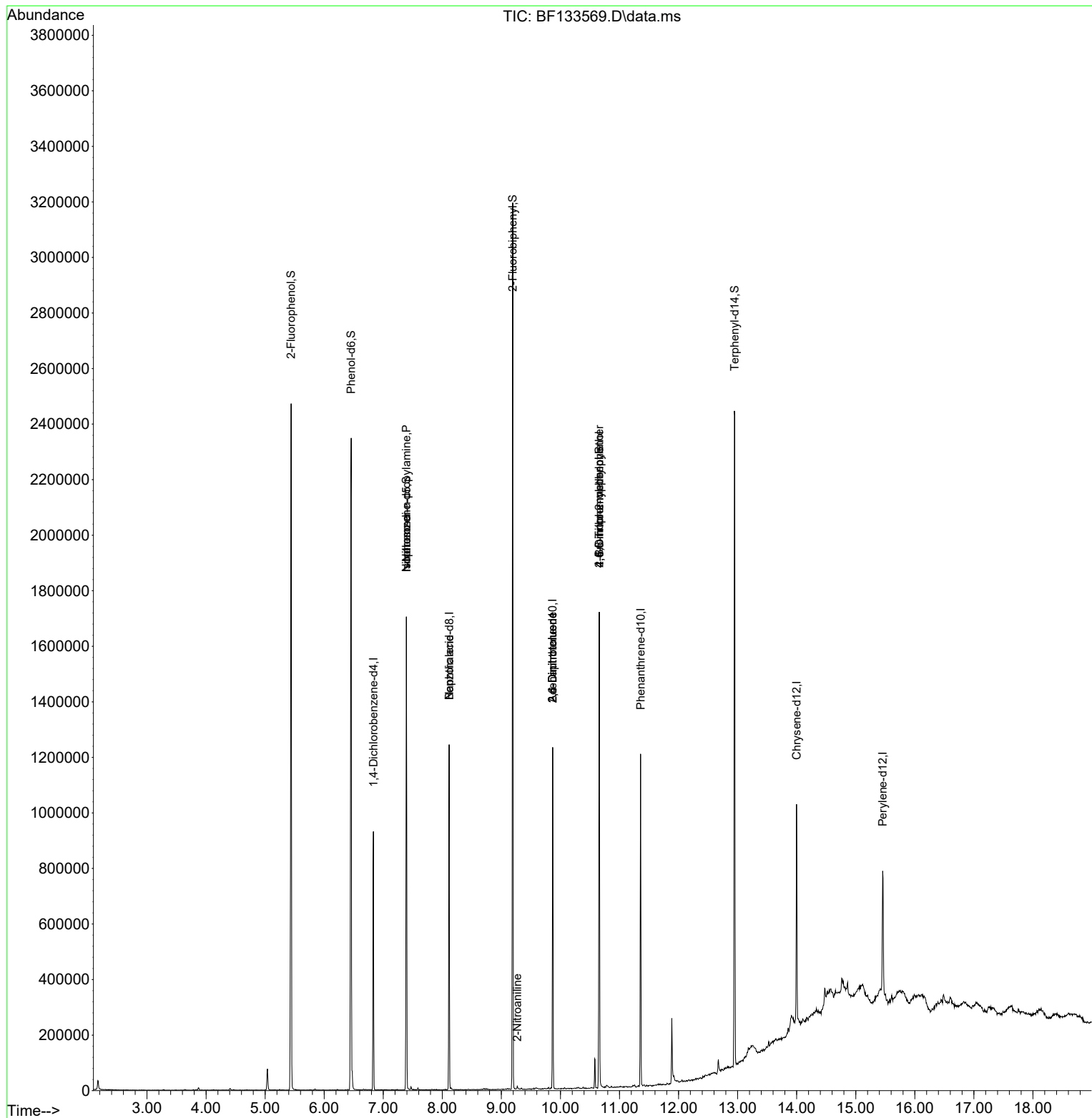
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	127050	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	466623	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	213292	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	383219	20.000	ng	0.00
76) Chrysene-d12	13.998	240	246868	20.000	ng	0.00
86) Perylene-d12	15.457	264	206307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	642788	84.413	ng	0.00
7) Phenol-d6	6.457	99	770693	82.217	ng	0.00
23) Nitrobenzene-d5	7.392	82	468709	67.067	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	187744	88.303	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	868124	62.820	ng	0.00
79) Terphenyl-d14	12.951	244	875543	63.058	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	144	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	64485	10.632	ng	# 75
25) Isophorone	7.392	82	467347	28.693	ng	# 65
32) Benzoic acid	8.116	122	75	7.363	ng	# 1
48) 2-Nitroaniline	9.269	65	57	4.004	ng	# 6
51) 2,6-Dinitrotoluene	9.869	165	27146	12.476	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	27146	11.661	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.657	198	330	8.884	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	11679	2.870	ng	# 1

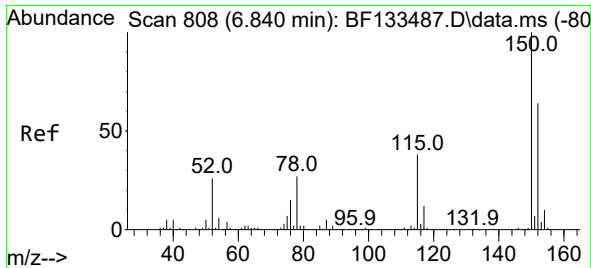
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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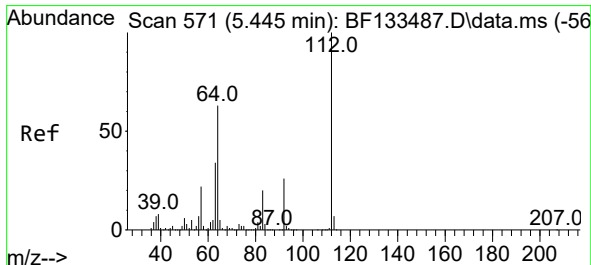
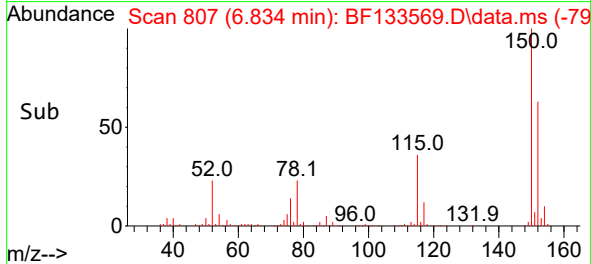
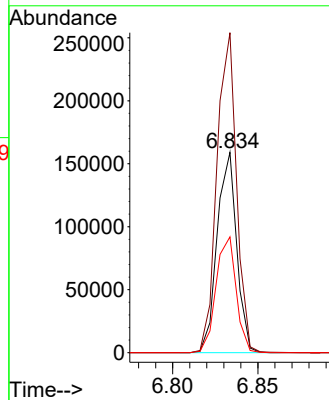
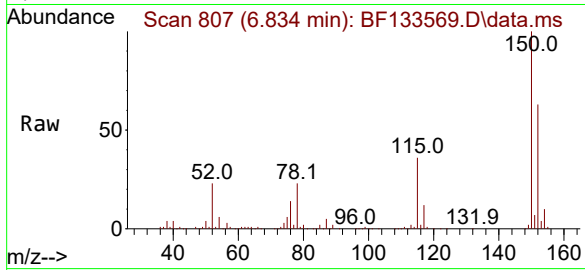




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

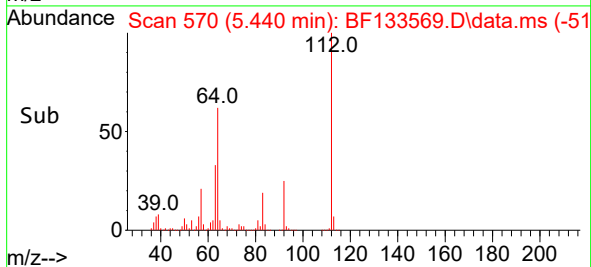
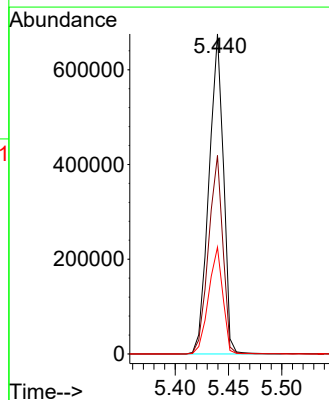
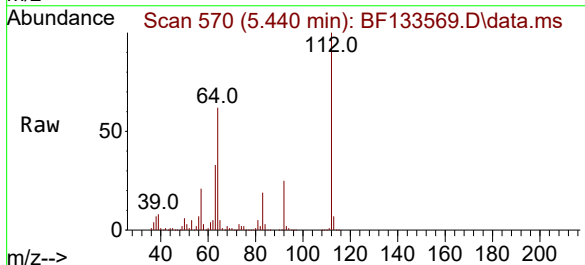
Instrument :
BNA_F
ClientSampleId :
TP-1

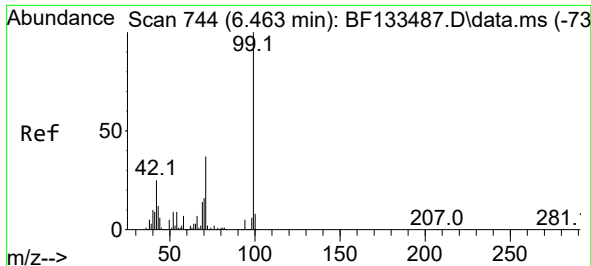
Tgt Ion:152 Resp: 127050
Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 57.8 48.1 72.1



#5
2-Fluorophenol
Concen: 84.413 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion:112 Resp: 642788
Ion Ratio Lower Upper
112 100
64 62.0 50.1 75.1
63 33.4 27.5 41.3





#7

Phenol-d6

Concen: 82.217 ng

RT: 6.457 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

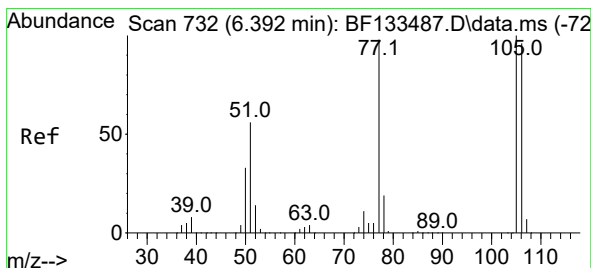
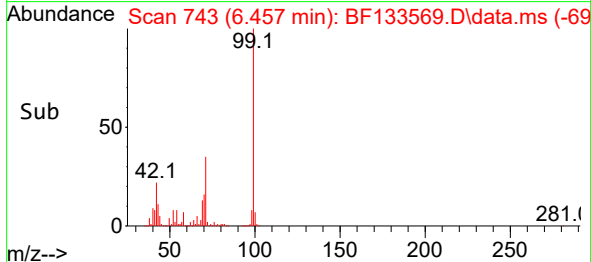
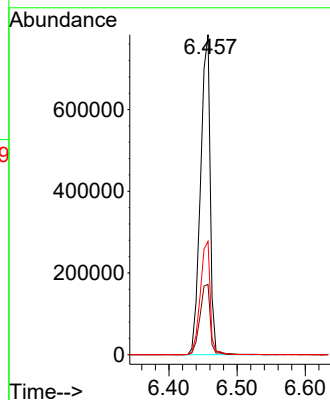
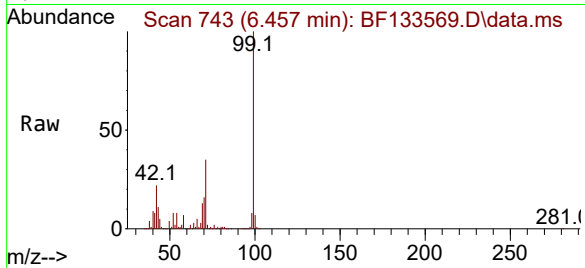
Tgt Ion: 99 Resp: 770693

Ion Ratio Lower Upper

99 100

42 22.0 19.7 29.5

71 35.4 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.381 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

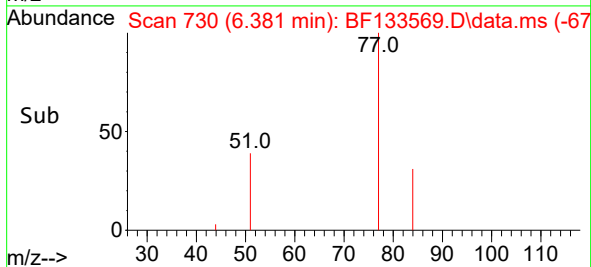
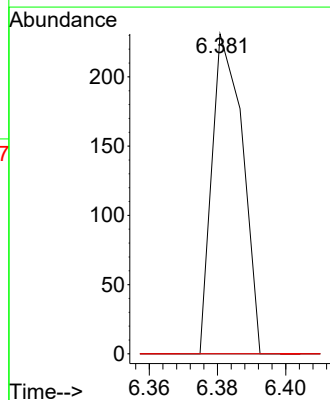
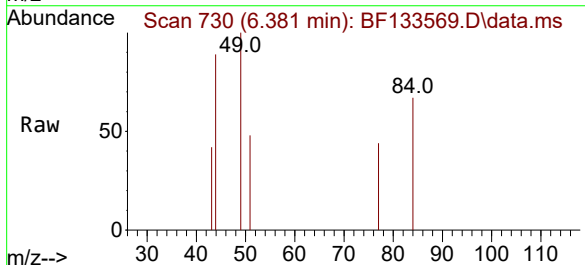
Tgt Ion: 77 Resp: 144

Ion Ratio Lower Upper

77 100

105 0.0 81.9 121.9#

106 0.0 77.8 117.8#

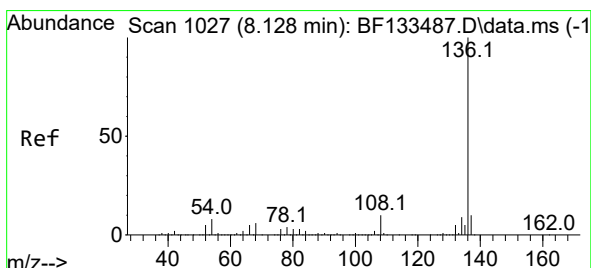
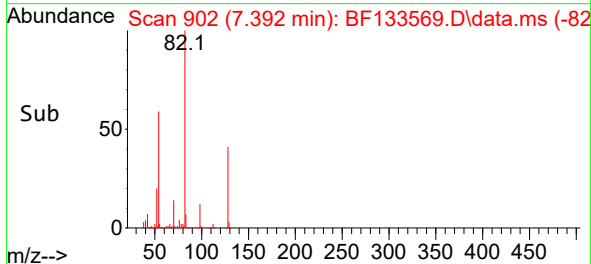
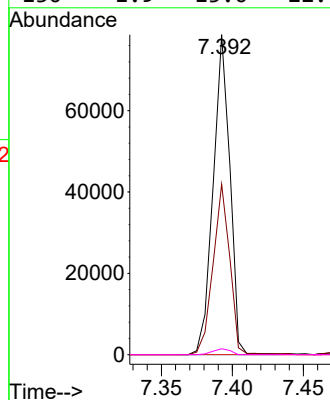
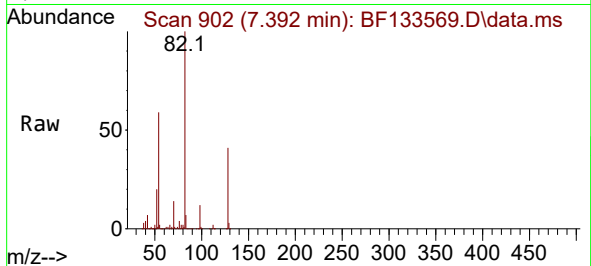




#19
n-Nitroso-di-n-propylamine
Concen: 10.632 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

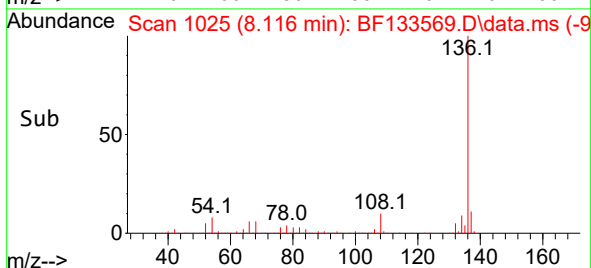
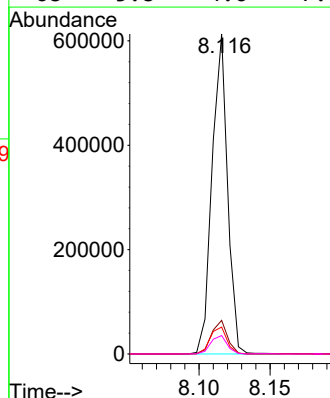
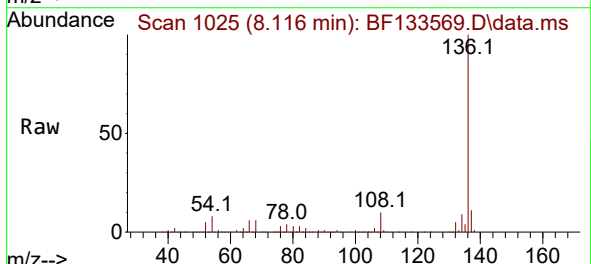
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 70 Resp: 64485
Ion Ratio Lower Upper
70 100
42 53.3 57.2 85.8#
101 0.0 7.3 10.9#
130 1.9 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion: 136 Resp: 466623
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.4 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.067 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

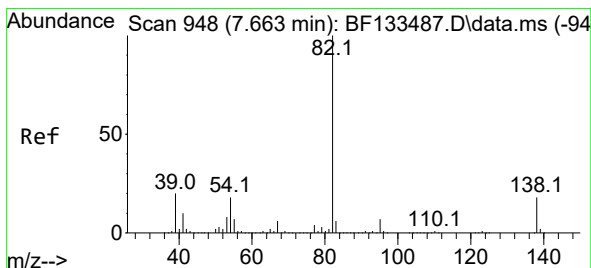
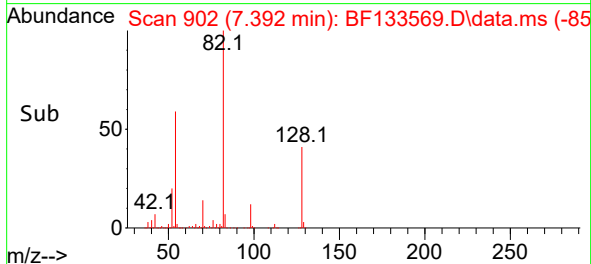
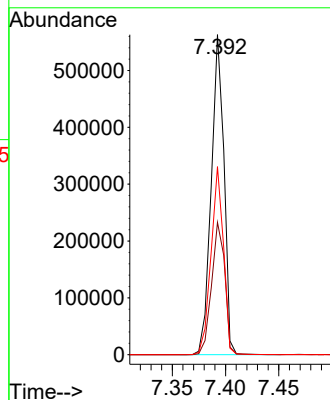
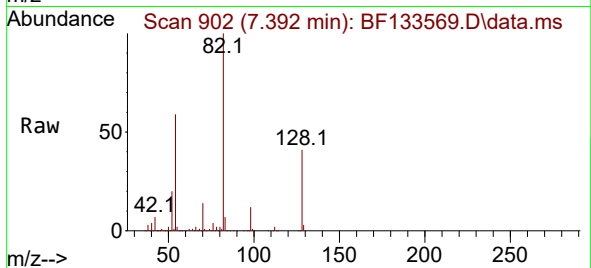
Tgt Ion: 82 Resp: 468709

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.4

54 58.8 48.2 72.4



#25

Isophorone

Concen: 28.693 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

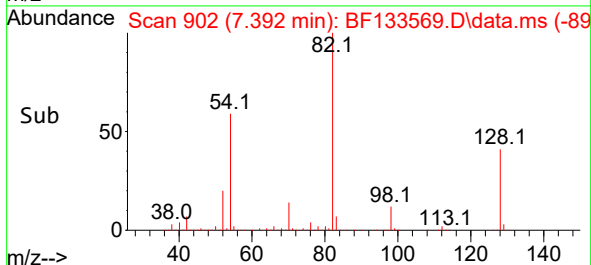
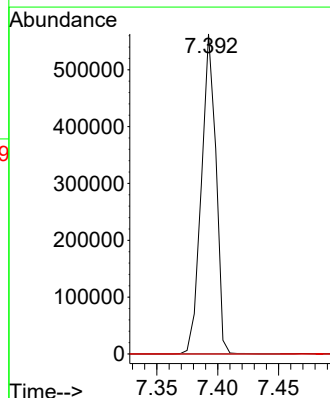
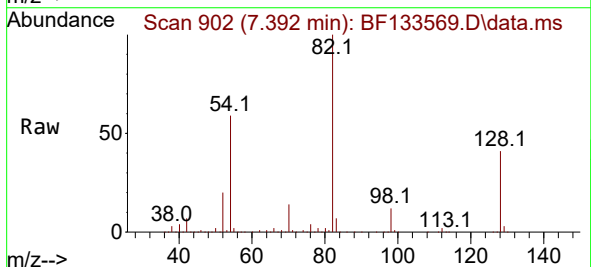
Tgt Ion: 82 Resp: 467347

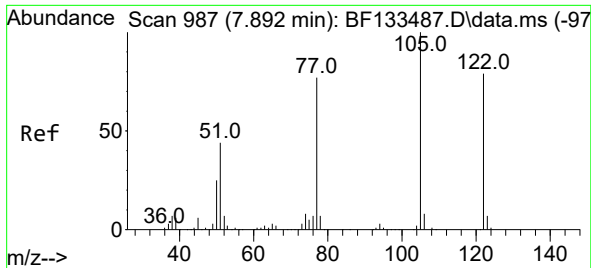
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

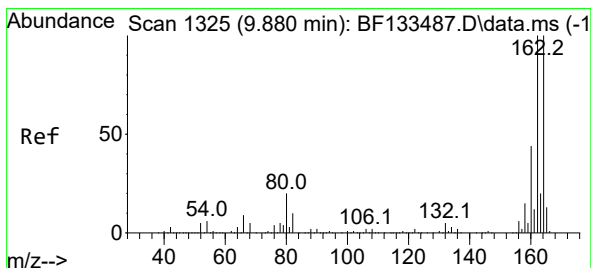
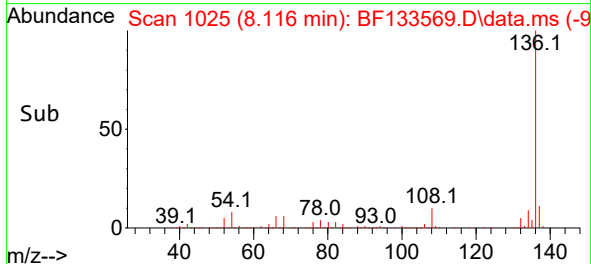
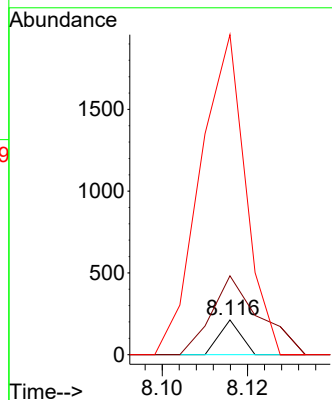
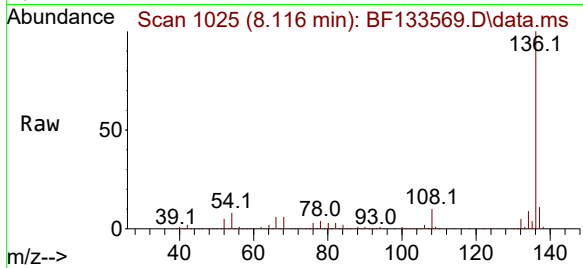




#32
Benzoic acid
Concen: 7.363 ng
RT: 8.116 min Scan# 10
Delta R.T. 0.253 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

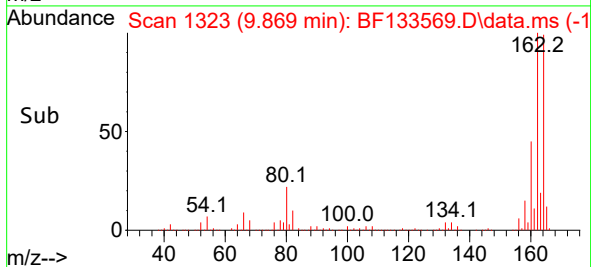
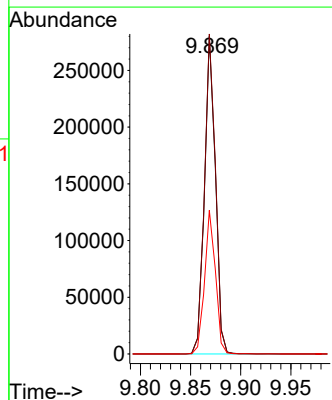
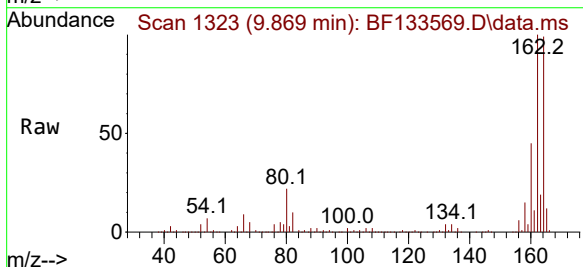
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TP-1

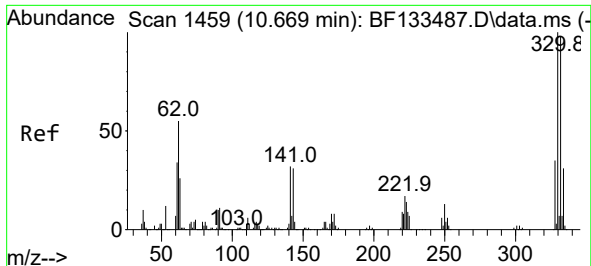
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 227.4 103.3 143.3#
77 923.1 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion:164 Resp: 213292
Ion Ratio Lower Upper
164 100
162 100.7 79.7 119.5
160 45.2 35.4 53.0

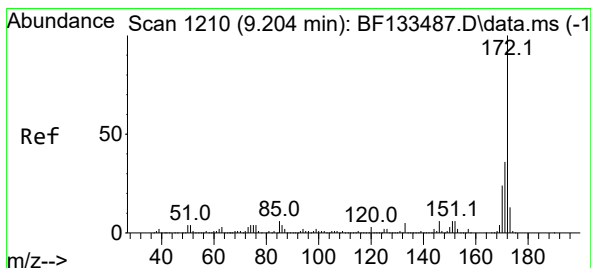
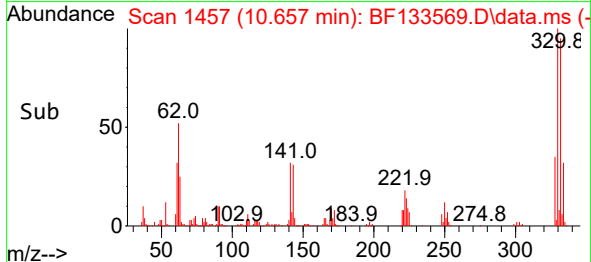
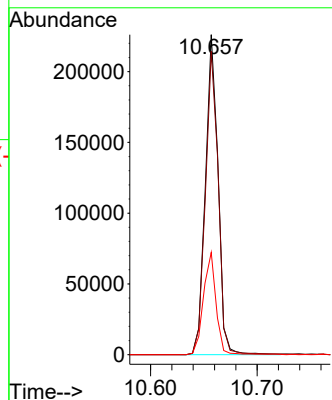
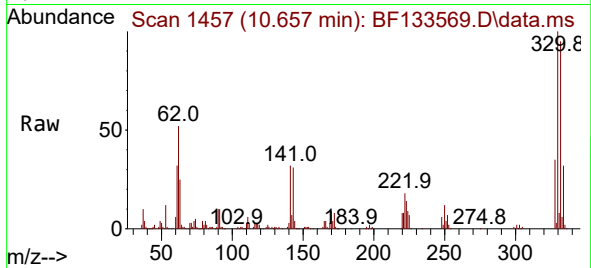




#42
2,4,6-Tribromophenol
Concen: 88.303 ng
RT: 10.657 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

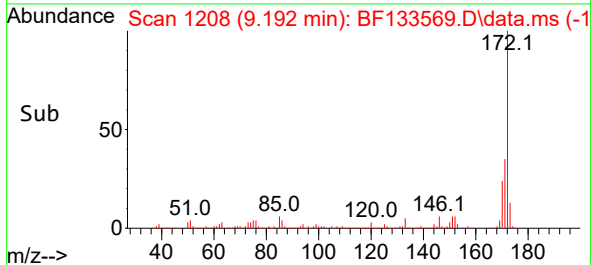
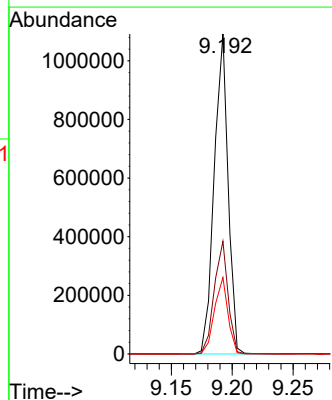
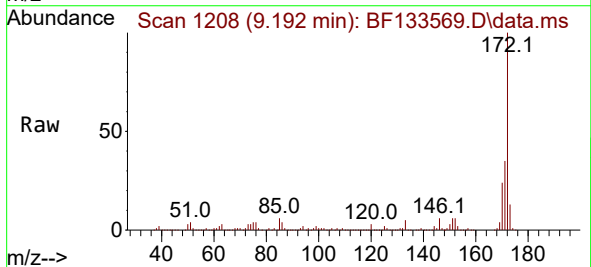
Instrument :
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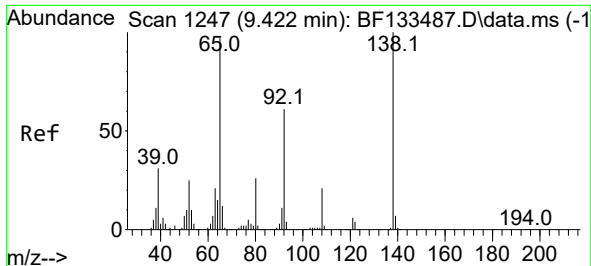
Tgt Ion:330 Resp: 187744
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 31.9 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 62.820 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion:172 Resp: 868124
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.9 19.3 28.9

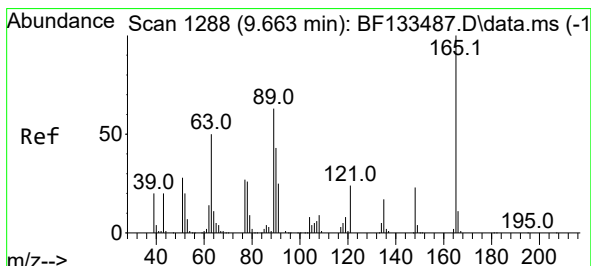
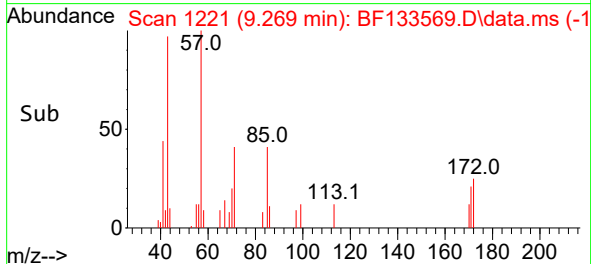
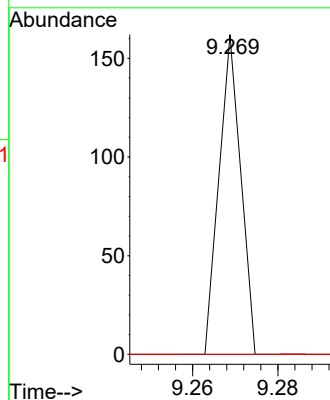
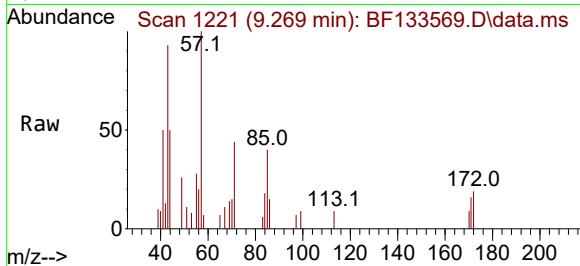




#48
2-Nitroaniline
Concen: 4.004 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.141 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

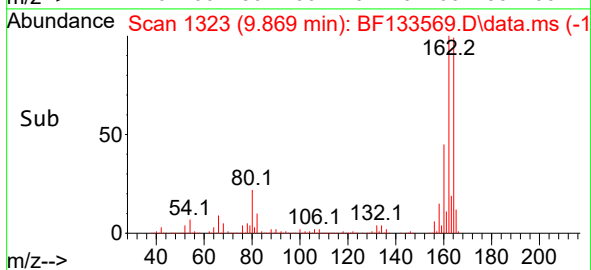
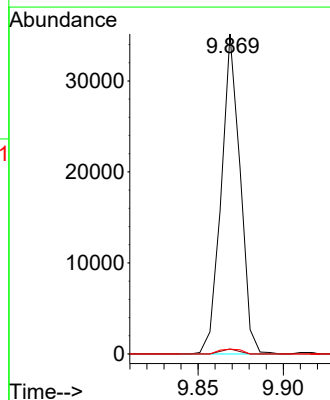
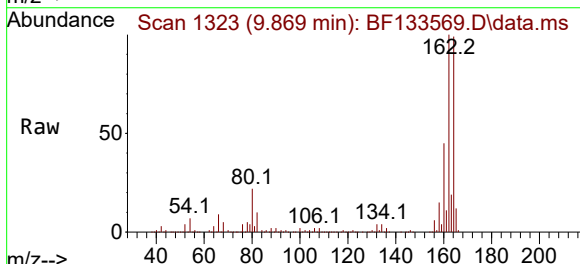
Instrument :
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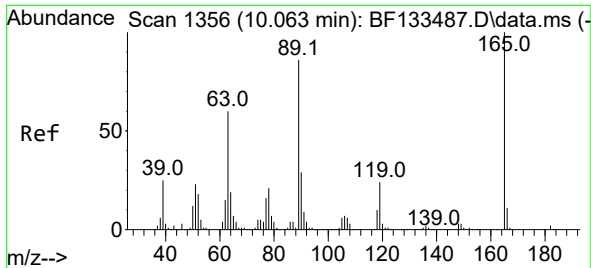
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 0.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.476 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion: 165 Resp: 27146
Ion Ratio Lower Upper
165 100
63 1.6 57.0 85.4#
89 1.5 50.8 76.2#

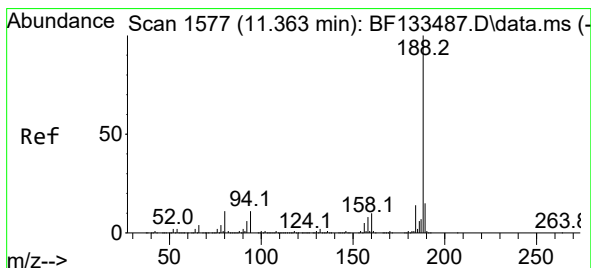
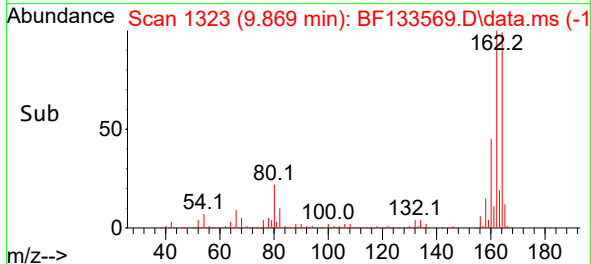
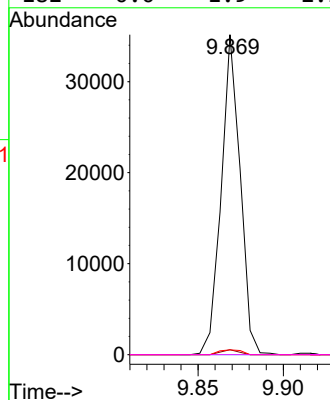
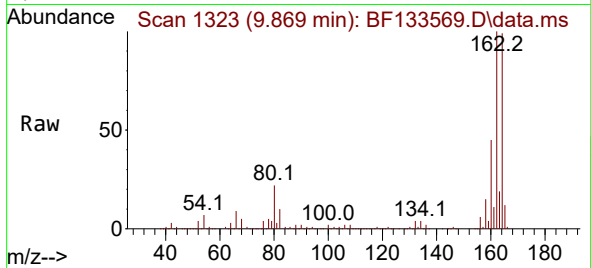




#57
2,4-Dinitrotoluene
Concen: 11.661 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

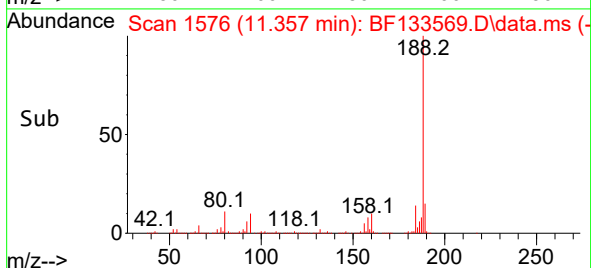
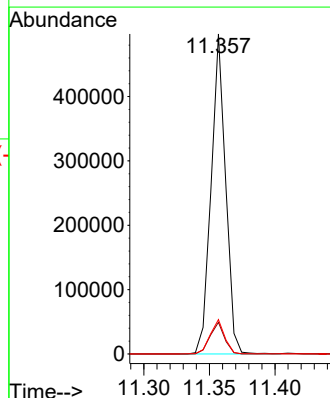
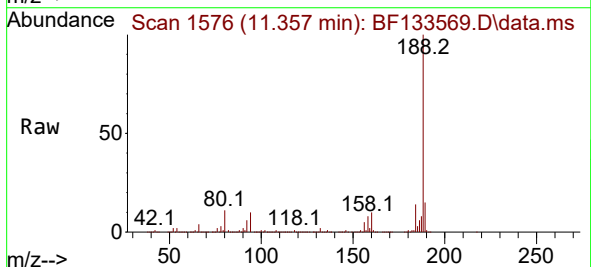
Instrument :
BNA_F
ClientSampleId :
TP-1

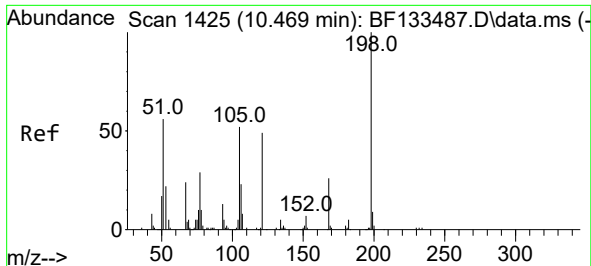
Tgt Ion:165 Resp: 27146
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.5 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion:188 Resp: 383219
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 10.7 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.884 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.194 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

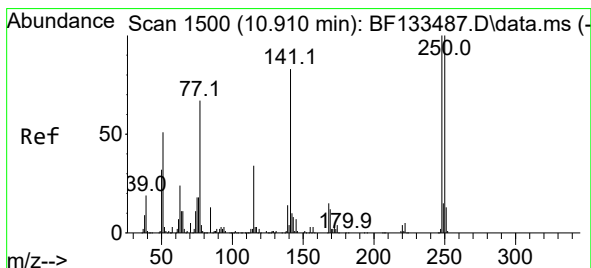
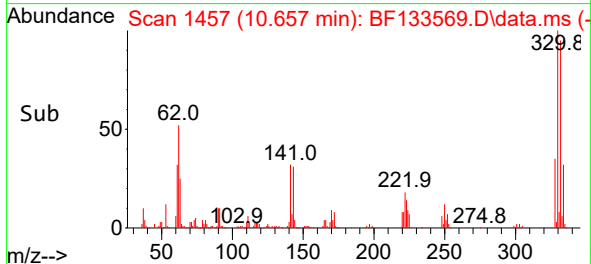
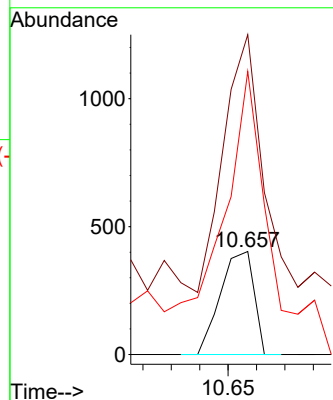
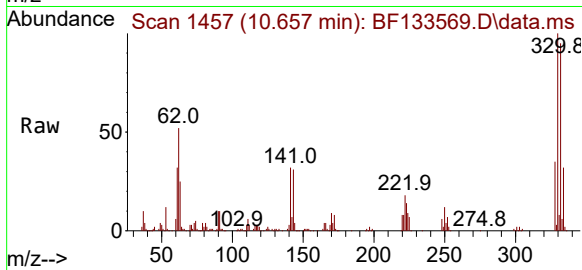
Tgt Ion:198 Resp: 330

Ion Ratio Lower Upper

198 100

51 310.2 53.6 93.6#

105 274.4 35.9 75.9#



#67

4-Bromophenyl-phenylether

Concen: 2.870 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

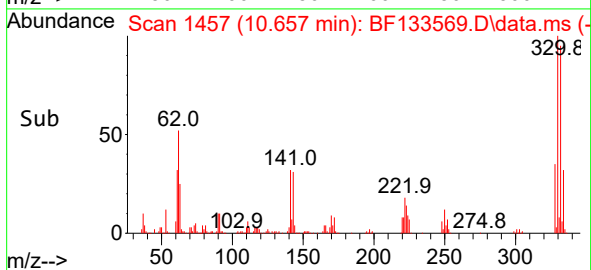
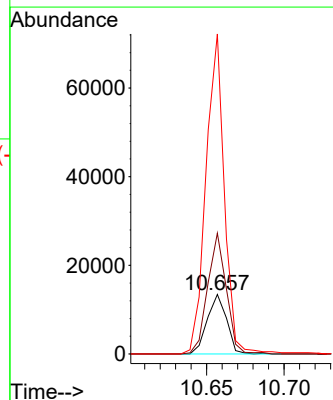
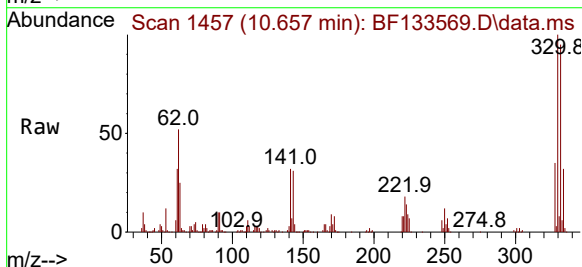
Tgt Ion:248 Resp: 11679

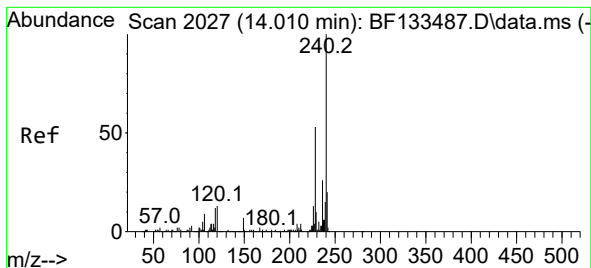
Ion Ratio Lower Upper

248 100

250 203.0 79.7 119.5#

141 537.7 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

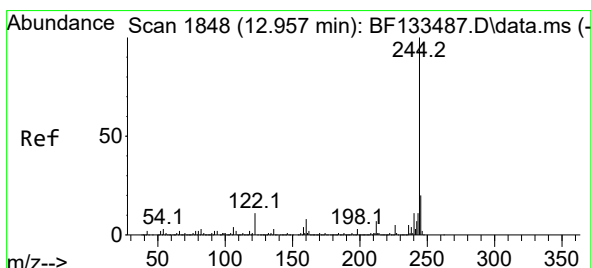
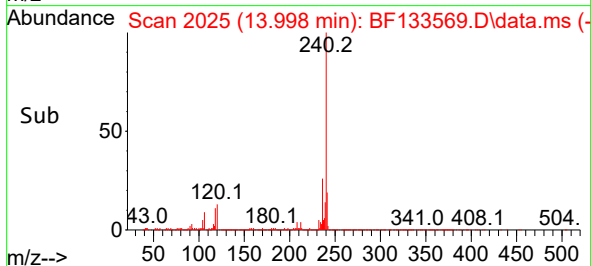
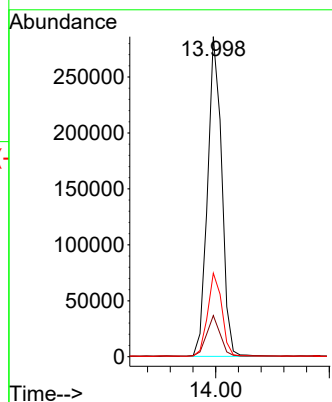
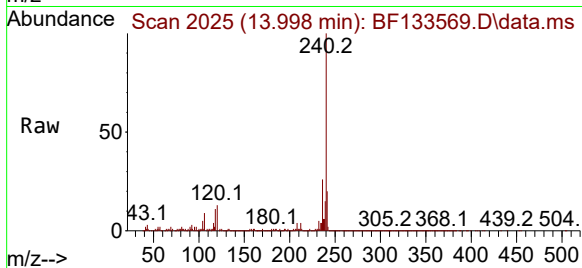
Tgt Ion:240 Resp: 246868

Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 26.1 20.5 30.7



#79

Terphenyl-d14

Concen: 63.058 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.006 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

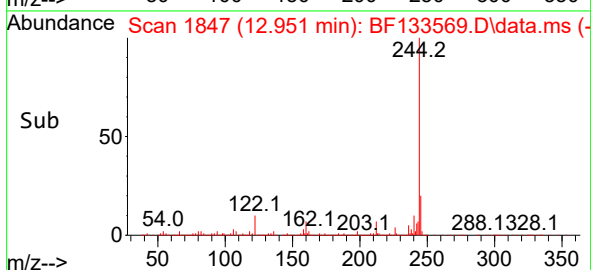
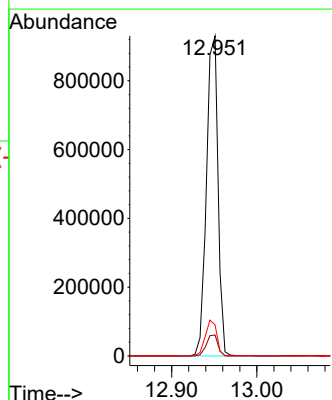
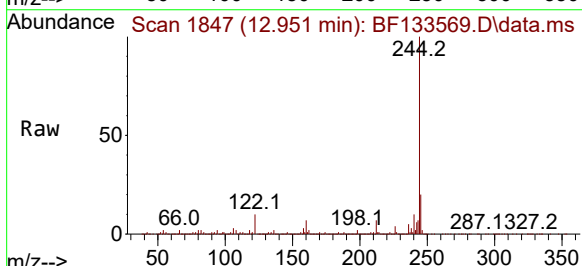
Tgt Ion:244 Resp: 875543

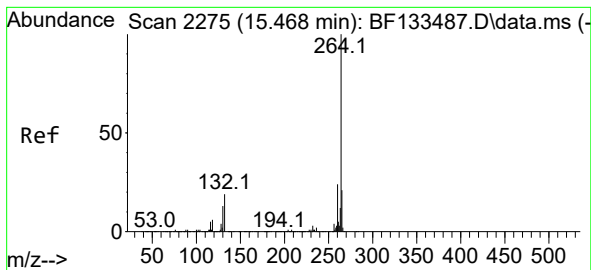
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 9.7 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF133569.D
 Acq: 05 Jun 2023 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 206307
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.7 16.8 25.2

