

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133577.D
 Acq On : 05 Jun 2023 21:15
 Operator : CG\JU
 Sample : 02983-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Quant Time: Jun 06 01:07:15 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

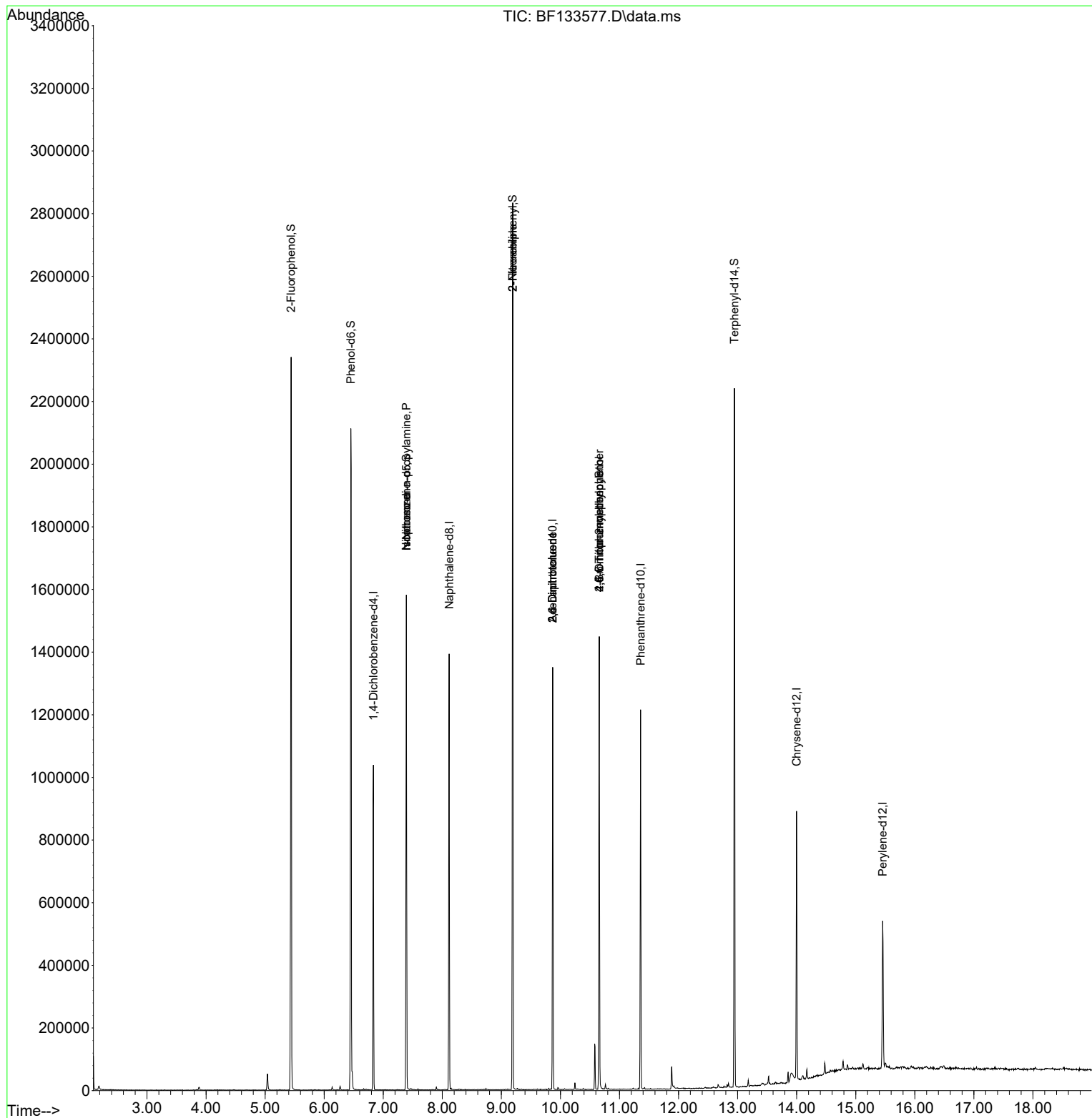
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147885	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	539092	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	237049	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	400149	20.000	ng	0.00
76) Chrysene-d12	13.998	240	269341	20.000	ng	0.00
86) Perylene-d12	15.457	264	210271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	597152	67.372	ng	0.00
7) Phenol-d6	6.451	99	712482	65.299	ng	0.00
23) Nitrobenzene-d5	7.392	82	417208	51.673	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	161689	68.427	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	787895	51.300	ng	0.00
79) Terphenyl-d14	12.945	244	727072	47.996	ng	0.00
Target Compounds						
9) Benzaldehyde	6.381	77	59	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	56824	8.049 ng	#	78
25) Isophorone	7.392	82	416405	22.129 ng	#	65
48) 2-Nitroaniline	9.192	65	1381	4.273 ng	#	1
51) 2,6-Dinitrotoluene	9.869	165	29954	12.413 ng	#	18
57) 2,4-Dinitrotoluene	9.869	165	29954	11.611 ng	#	15
65) 4,6-Dinitro-2-methylph...	10.657	198	367	8.895 ng	#	1
67) 4-Bromophenyl-phenylether	10.657	248	9374	2.206 ng	#	1

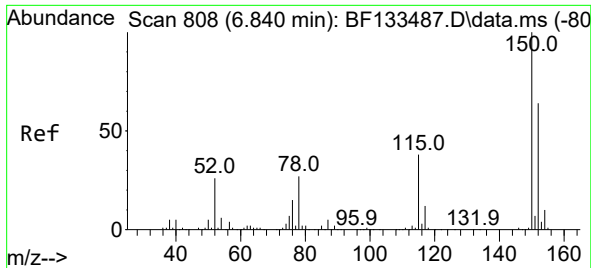
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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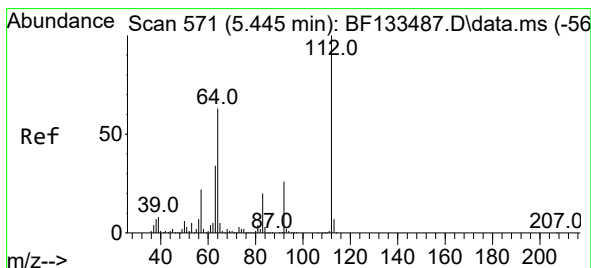
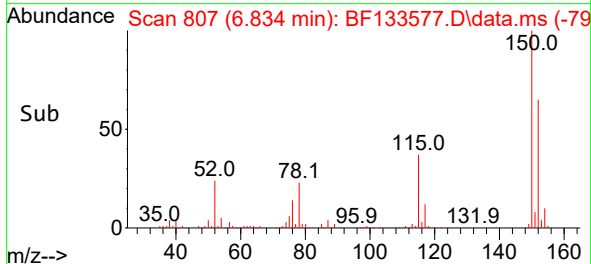
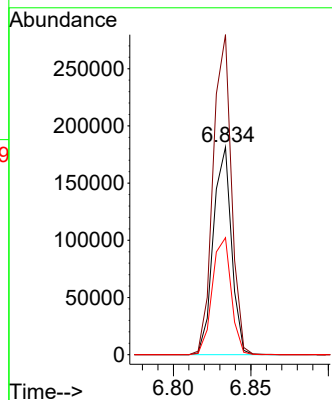
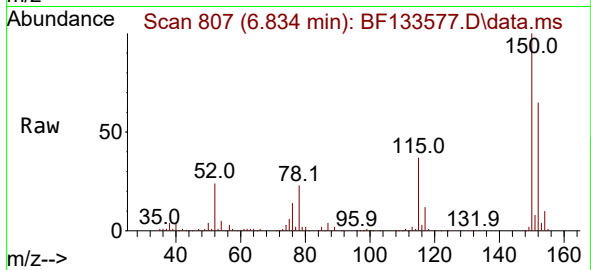




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

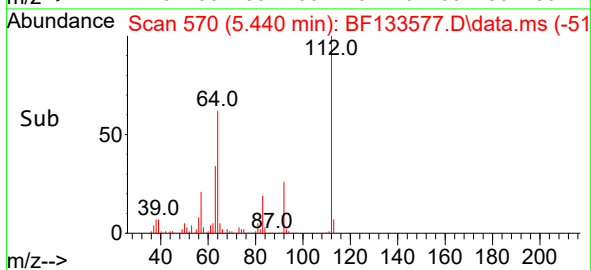
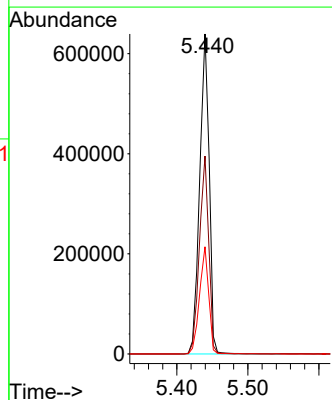
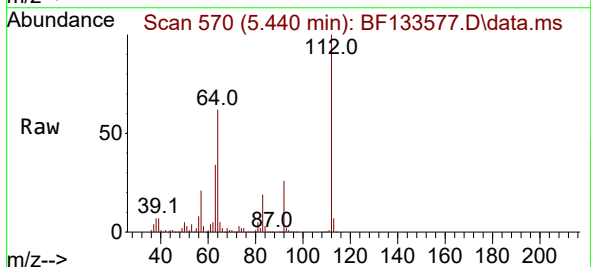
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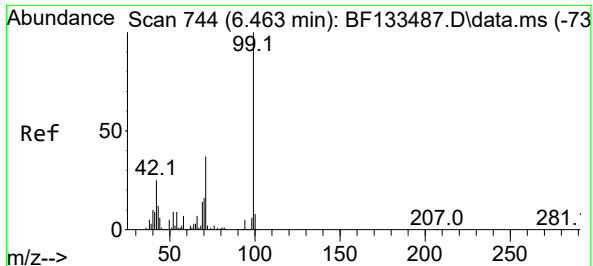
Tgt Ion:152 Resp: 147885
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 56.4 48.1 72.1



#5
2-Fluorophenol
Concen: 67.372 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion:112 Resp: 597152
Ion Ratio Lower Upper
112 100
64 61.9 50.1 75.1
63 33.5 27.5 41.3

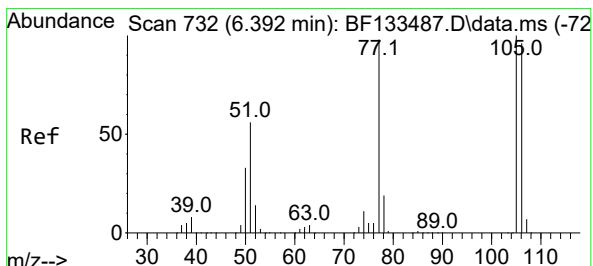
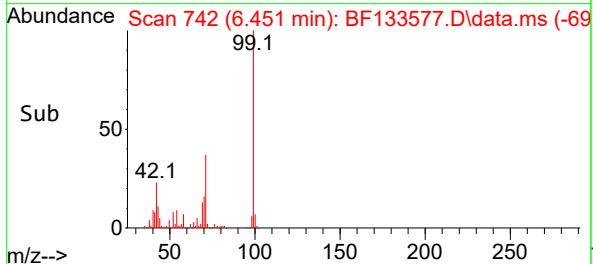
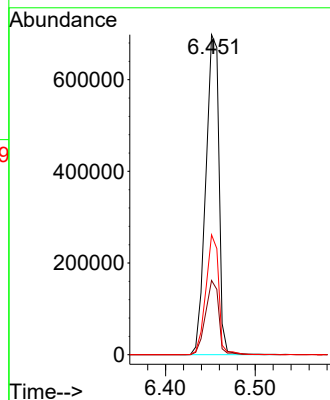
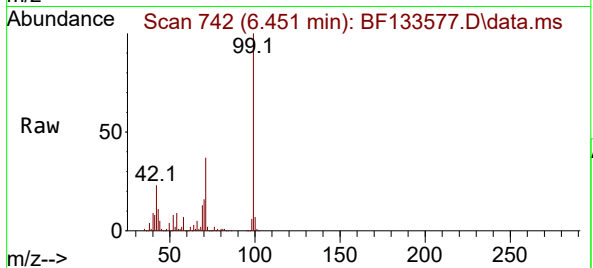




#7
Phenol-d6
Concen: 65.299 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

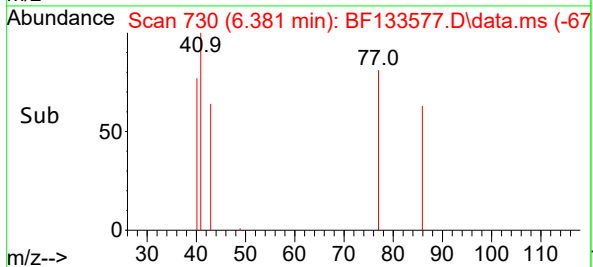
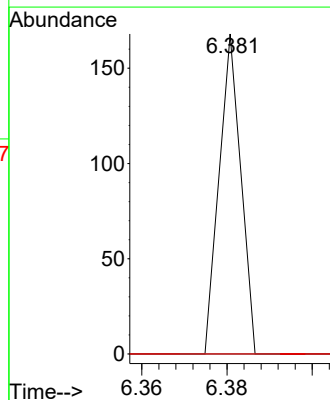
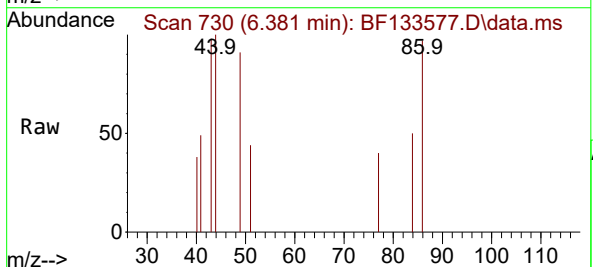
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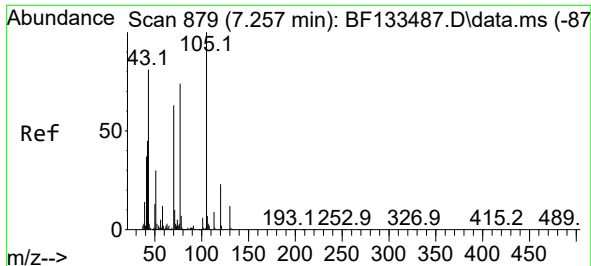
Tgt Ion: 99 Resp: 712482
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 37.4 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

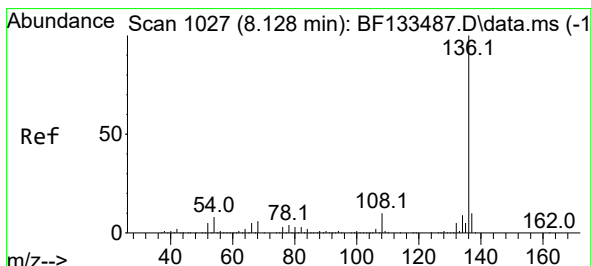
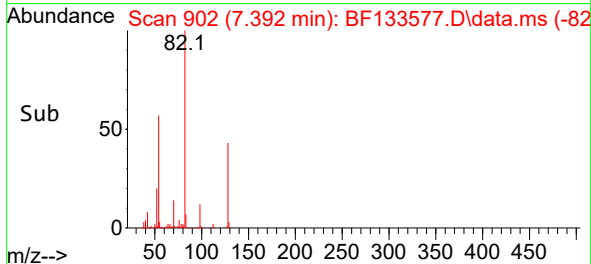
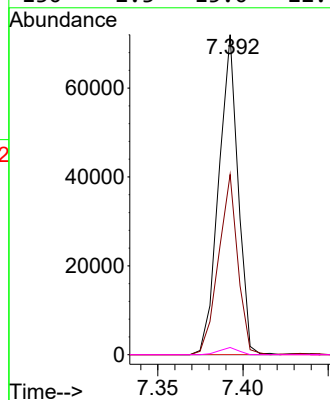
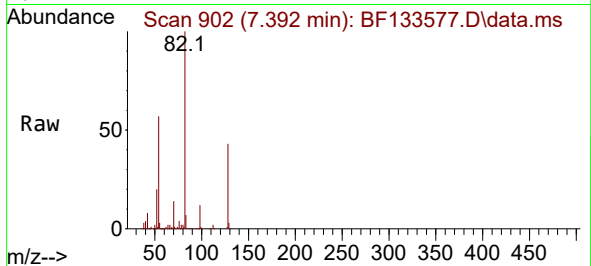




#19
n-Nitroso-di-n-propylamine
Concen: 8.049 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

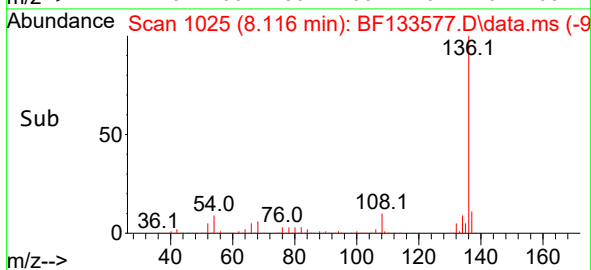
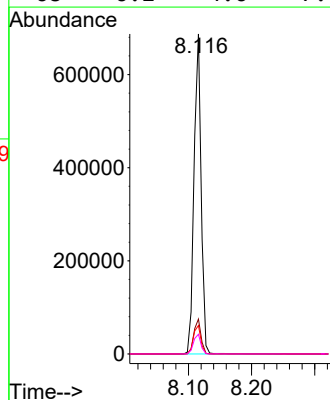
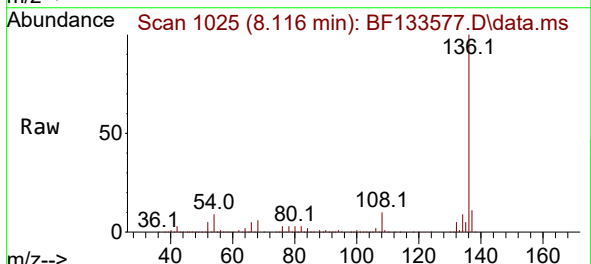
Instrument :
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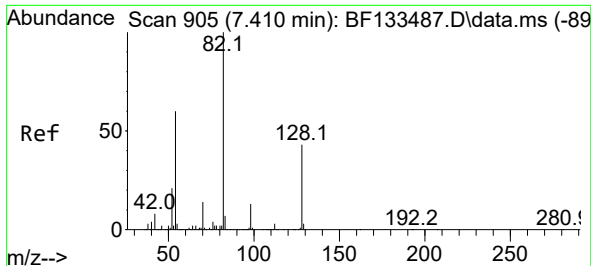
Tgt Ion: 70 Resp: 56824
Ion Ratio Lower Upper
70 100
42 56.3 57.2 85.8#
101 0.0 7.3 10.9#
130 2.3 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion: 136 Resp: 539092
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.9 6.6 10.0
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 51.673 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF133577.D

Acq: 05 Jun 2023 21:15

Instrument :

BNA_F

ClientSampleId :

SB19

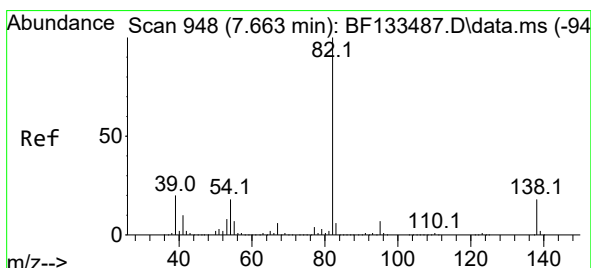
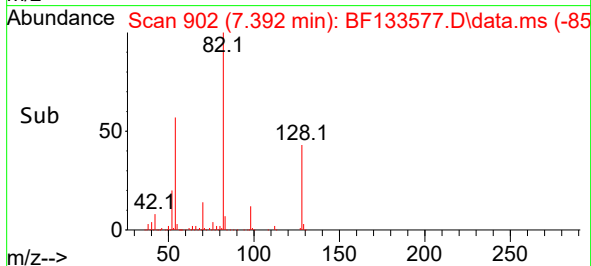
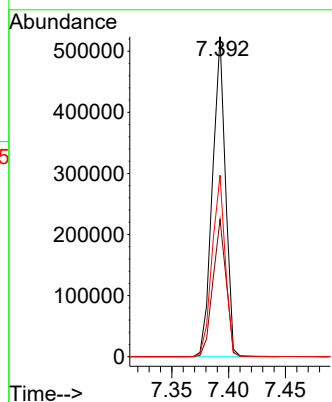
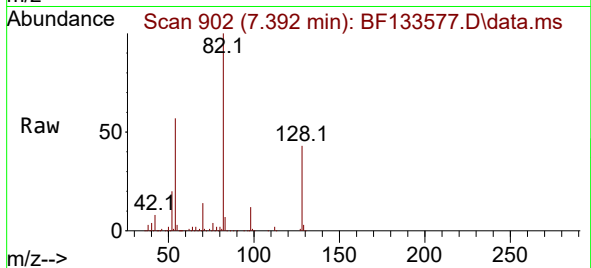
Tgt Ion: 82 Resp: 417208

Ion Ratio Lower Upper

82 100

128 42.9 34.2 51.4

54 56.7 48.2 72.4



#25

Isophorone

Concen: 22.129 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133577.D

Acq: 05 Jun 2023 21:15

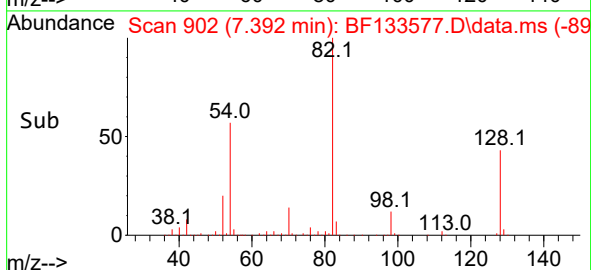
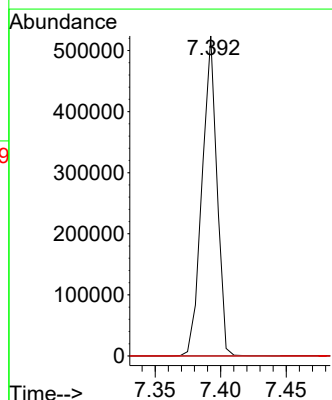
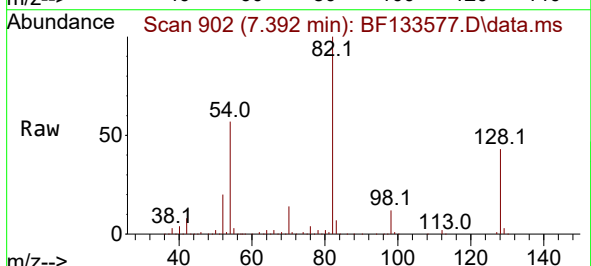
Tgt Ion: 82 Resp: 416405

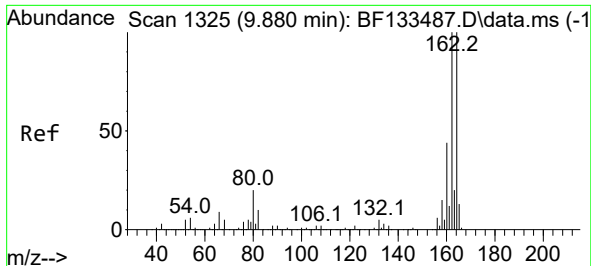
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

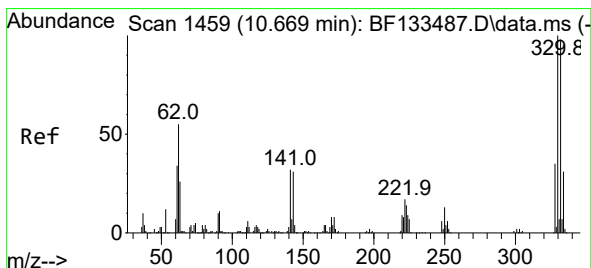
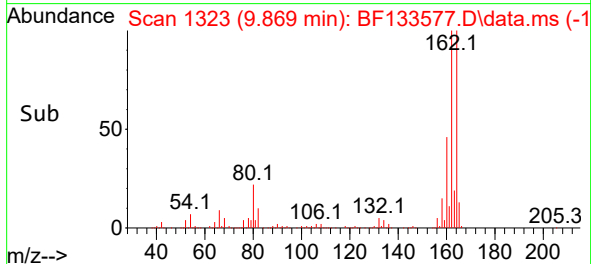
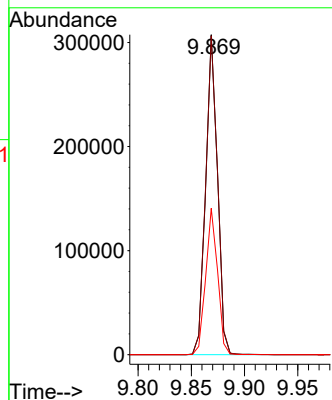
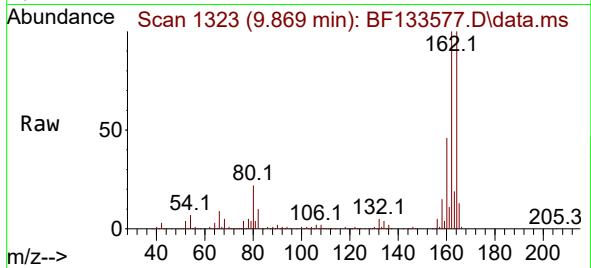




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

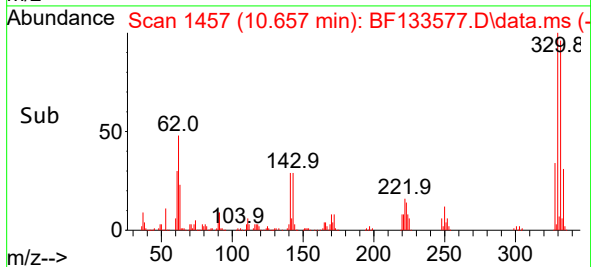
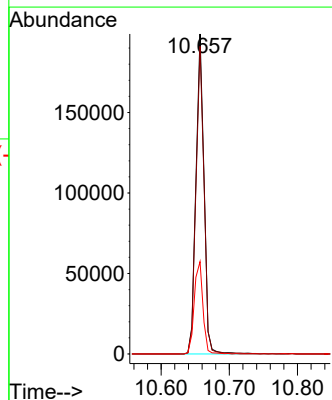
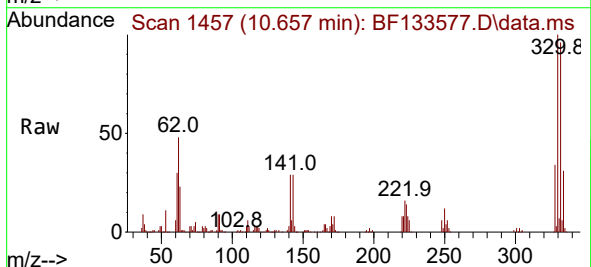
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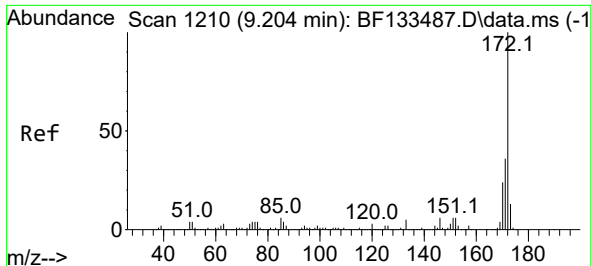
Tgt Ion:164 Resp: 237049
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 68.427 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion:330 Resp: 161689
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 31.0 26.6 40.0

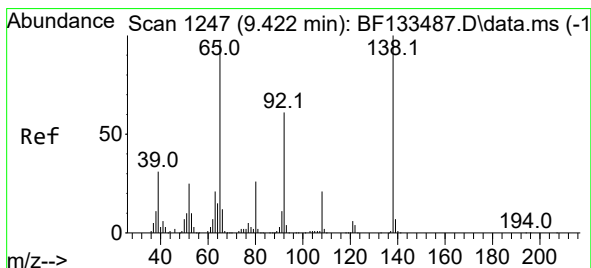
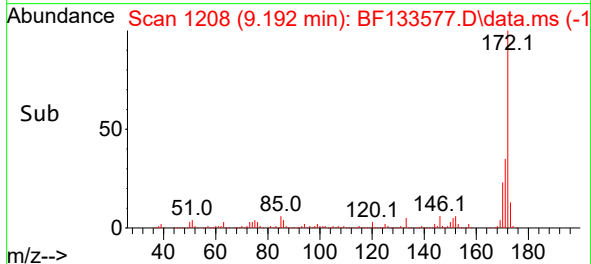
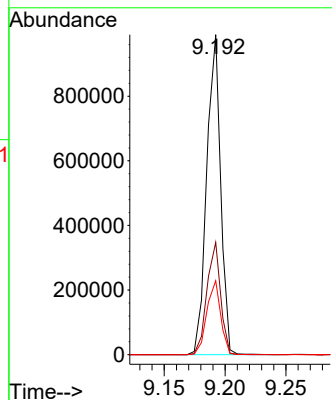
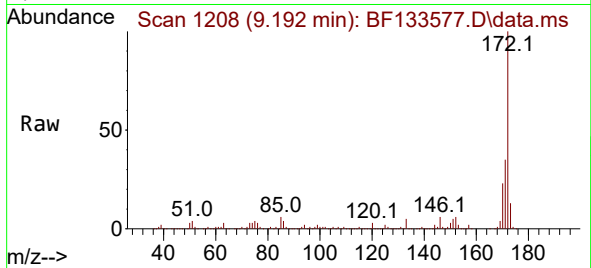




#45
2-Fluorobiphenyl
Concen: 51.300 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

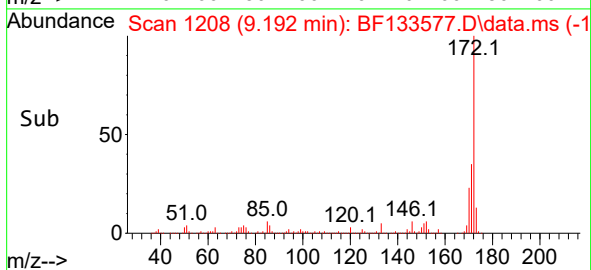
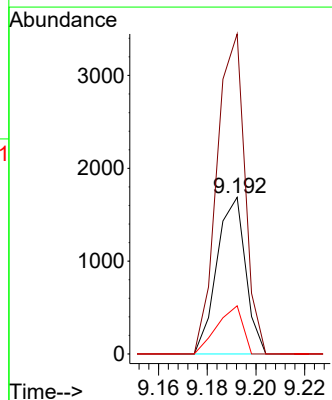
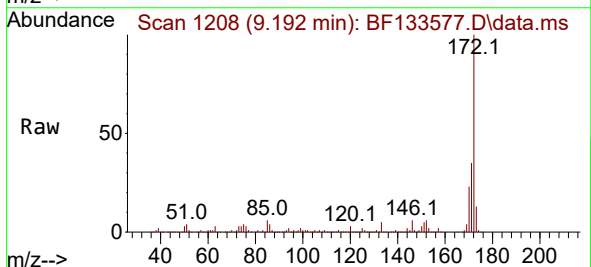
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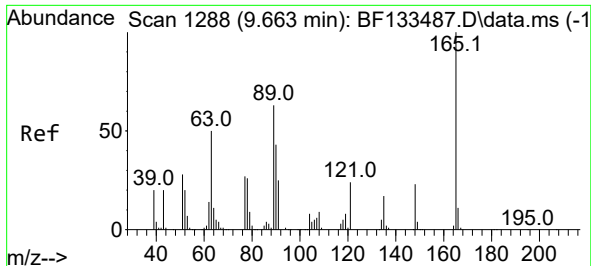
Tgt Ion:172 Resp: 787895
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.1 19.3 28.9



#48
2-Nitroaniline
Concen: 4.273 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.218 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion: 65 Resp: 1381
Ion Ratio Lower Upper
65 100
92 204.3 50.8 76.2#
138 30.8 82.6 124.0#

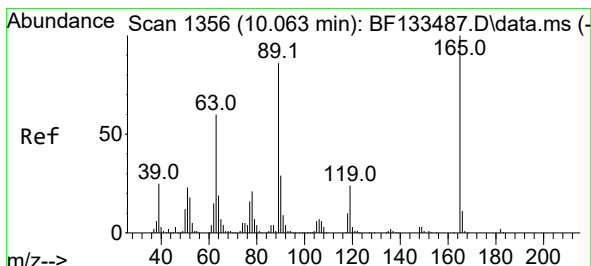
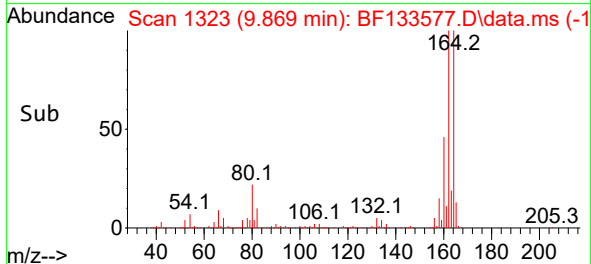
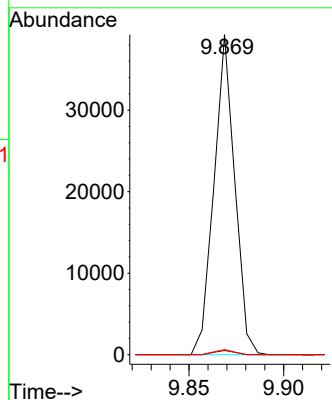
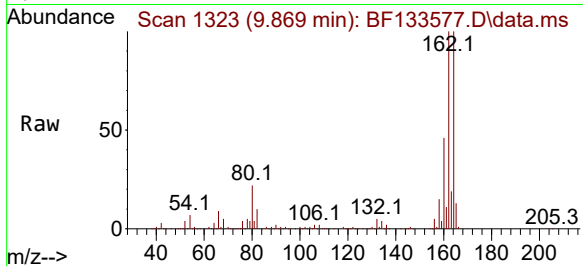




#51
2,6-Dinitrotoluene
Concen: 12.413 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

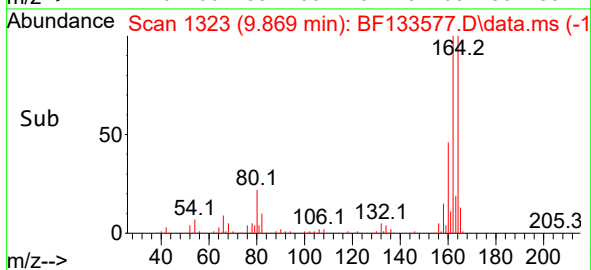
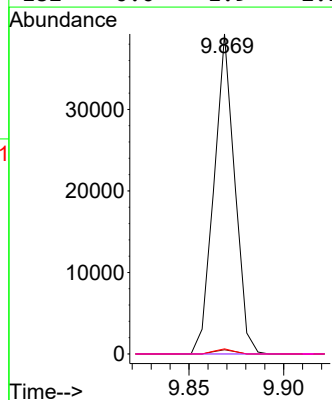
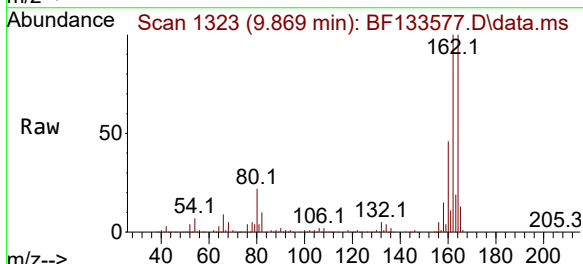
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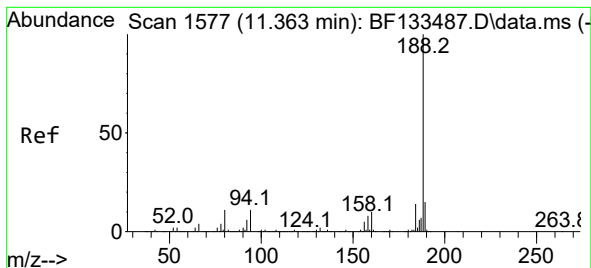
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	57.0	85.4#
89	1.6	50.8	76.2#



#57
2,4-Dinitrotoluene
Concen: 11.611 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.188 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.1	72.1#
89	1.6	68.4	102.6#
182	0.0	1.9	2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133577.D

Acq: 05 Jun 2023 21:15

Instrument :

BNA_F

ClientSampleId :

SB19

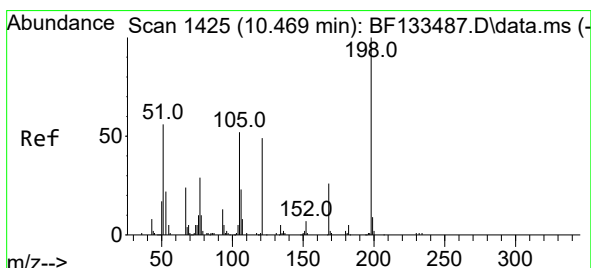
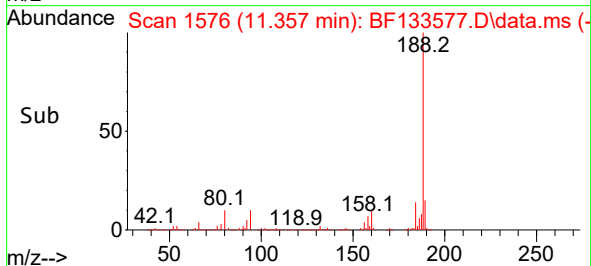
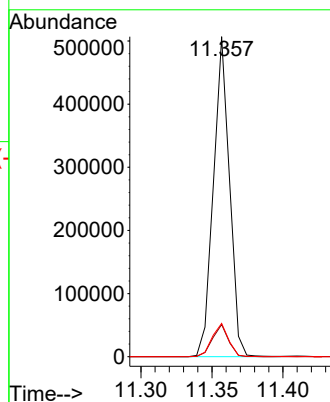
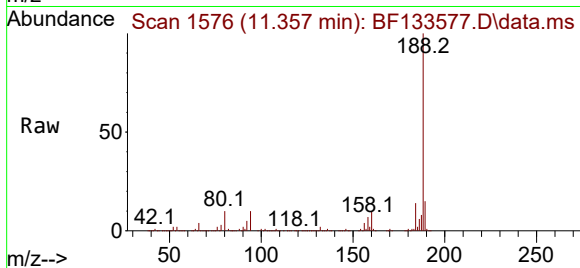
Tgt Ion:188 Resp: 400149

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

80 10.4 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.895 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.194 min

Lab File: BF133577.D

Acq: 05 Jun 2023 21:15

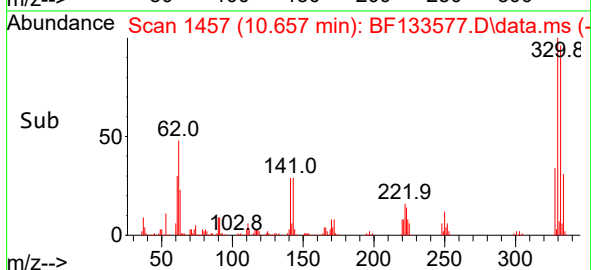
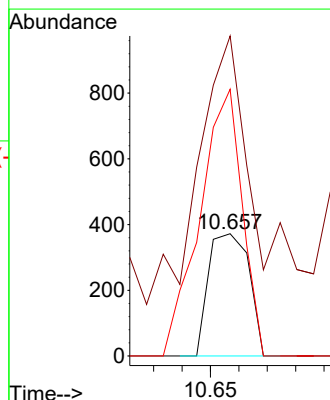
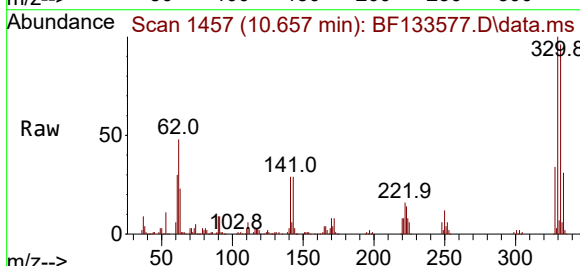
Tgt Ion:198 Resp: 367

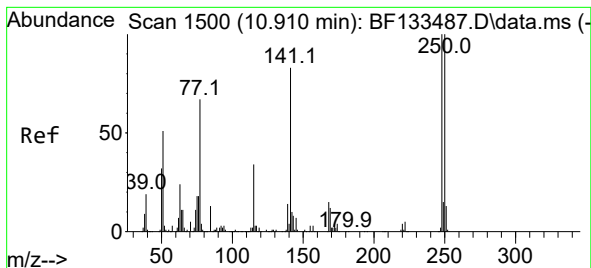
Ion Ratio Lower Upper

198 100

51 261.8 53.6 93.6#

105 218.3 35.9 75.9#

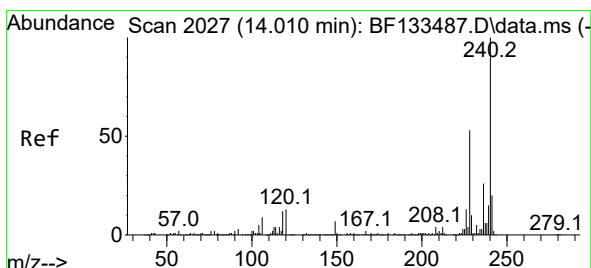
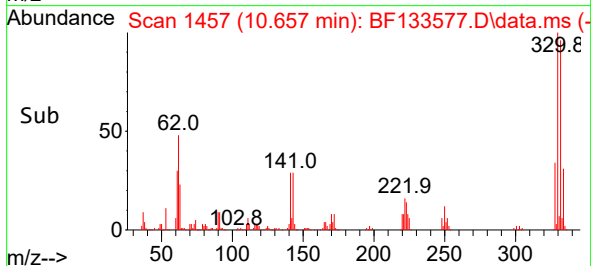
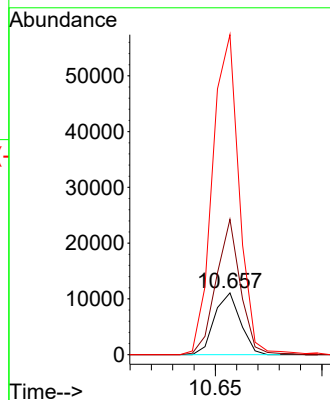
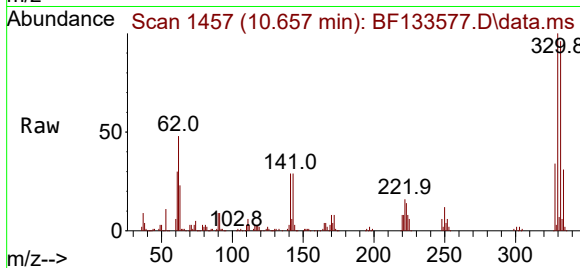




#67
4-Bromophenyl-phenylether
Concen: 2.206 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

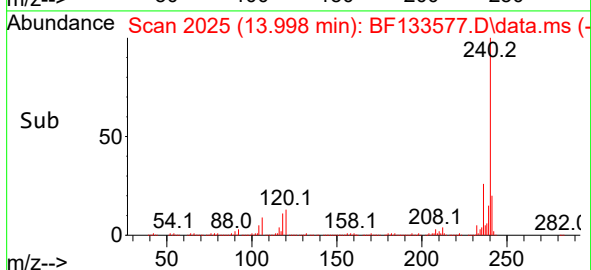
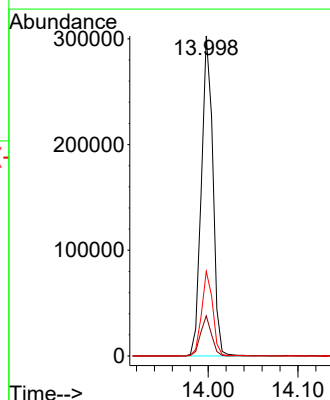
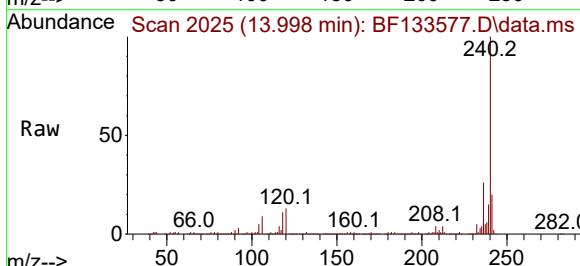
Instrument :
BNA_F
ClientSampleId :
SB19

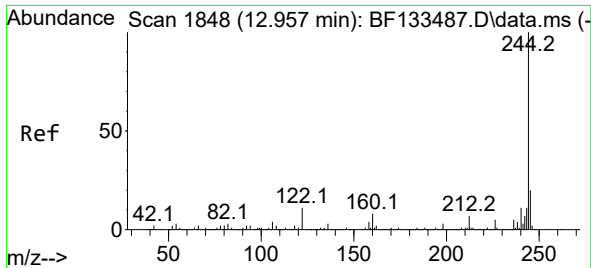
Tgt Ion:248 Resp: 9374
Ion Ratio Lower Upper
248 100
250 219.1 79.7 119.5#
141 518.1 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133577.D
Acq: 05 Jun 2023 21:15

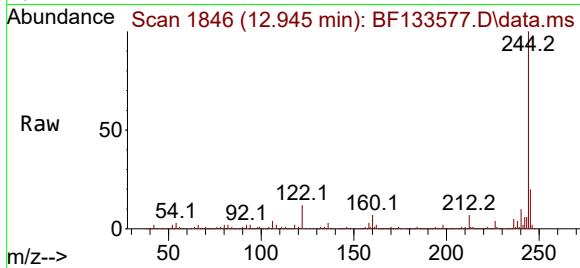
Tgt Ion:240 Resp: 269341
Ion Ratio Lower Upper
240 100
120 12.6 10.3 15.5
236 26.5 20.5 30.7



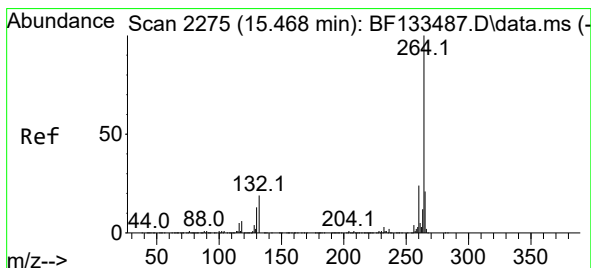
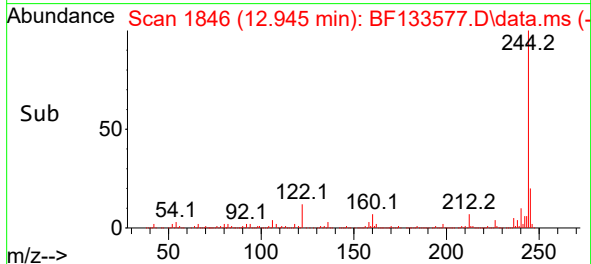
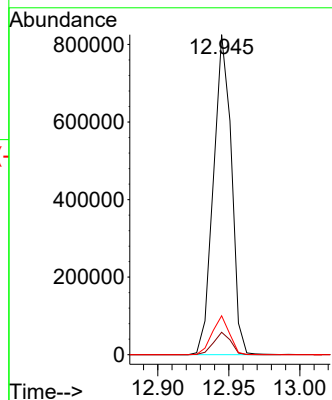


#79
 Terphenyl-d14
 Concen: 47.996 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133577.D
 Acq: 05 Jun 2023 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB19



Tgt Ion:244 Resp: 727072
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF133577.D
 Acq: 05 Jun 2023 21:15

Tgt Ion:264 Resp: 210271
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.7 16.8 25.2

