

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133619.D
 Acq On : 07 Jun 2023 12:09
 Operator : CG\JU
 Sample : 03002-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Jun 07 12:30:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

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

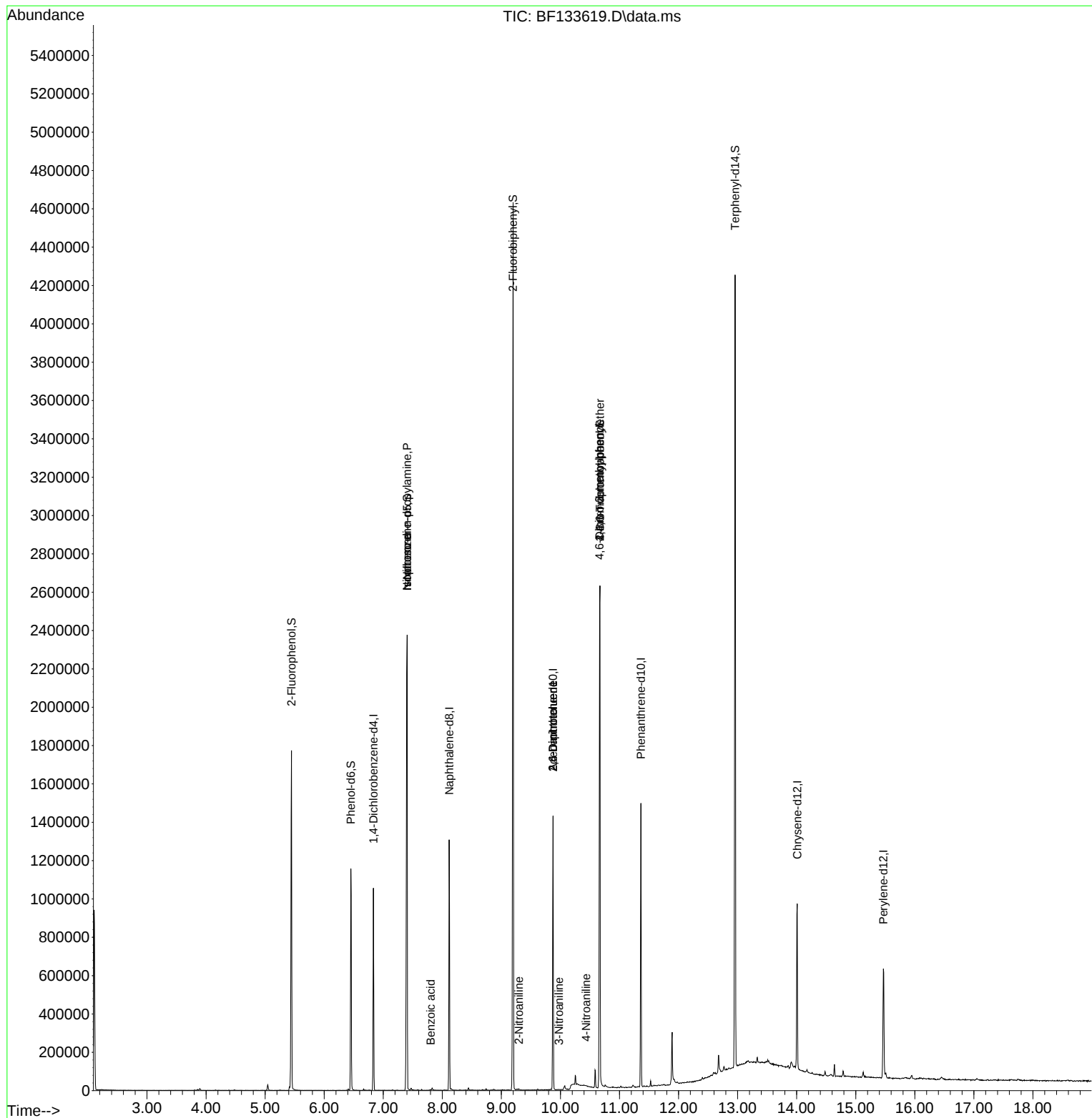
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	135517	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	524090	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	259782	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	487466	20.000	ng	0.00
76) Chrysene-d12	14.010	240	297783	20.000	ng	0.00
86) Perylene-d12	15.468	264	271281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	451806	55.626	ng	0.00
7) Phenol-d6	6.451	99	356293	35.634	ng	-0.02
23) Nitrobenzene-d5	7.404	82	794823	101.260	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	369964	142.868	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1393422	82.787	ng	0.00
79) Terphenyl-d14	12.957	244	1554118	92.792	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	419	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.404	70	111427	17.224	ng	# 74
25) Isophorone	7.404	82	792899	43.343	ng	# 65
32) Benzoic acid	7.804	122	1099	7.531	ng	# 94
48) 2-Nitroaniline	9.298	65	300	4.047	ng	# 6
51) 2,6-Dinitrotoluene	9.875	165	32546	12.338	ng	# 18
53) 3-Nitroaniline	9.975	138	63	3.193	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	32546	11.553	ng	# 15
62) 4-Nitroaniline	10.433	138	67	2.999	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.663	198	797	9.039	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	21818	4.214	ng	# 1

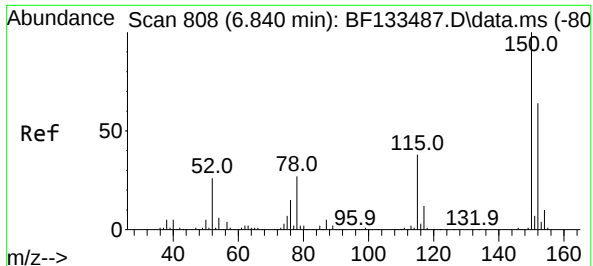
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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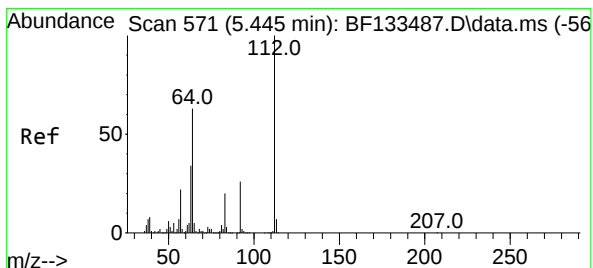
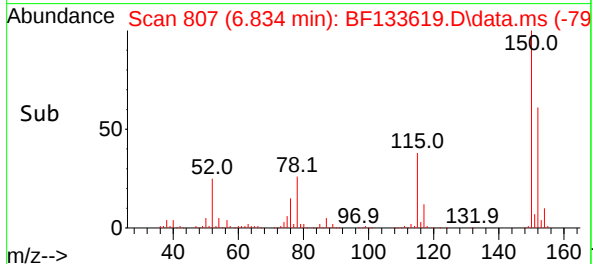
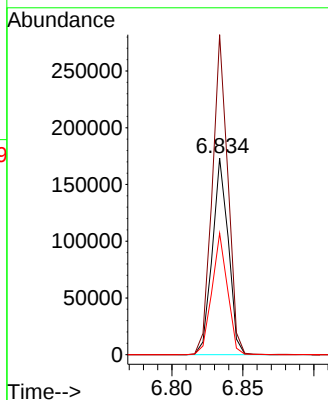
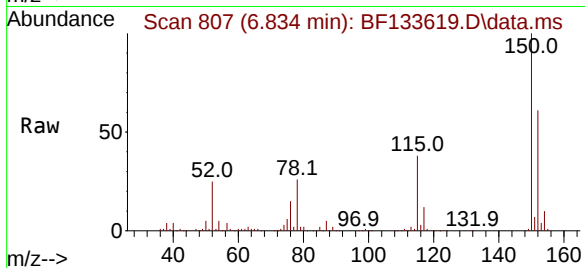




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

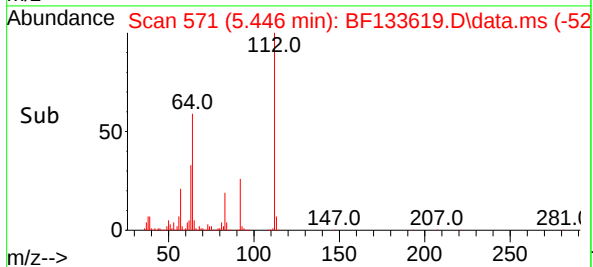
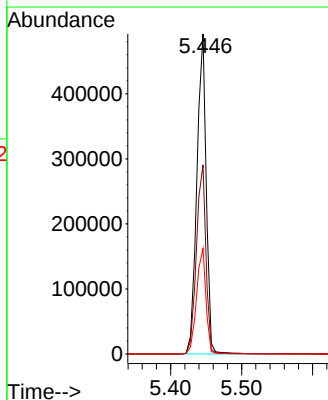
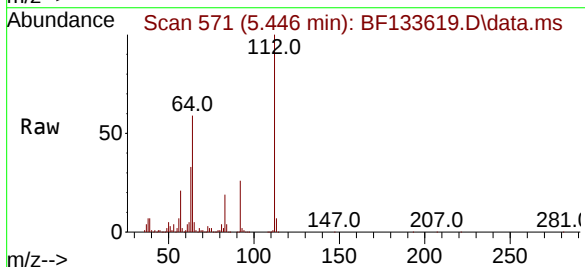
Instrument :
BNA_F
ClientSampleId :
MW-48

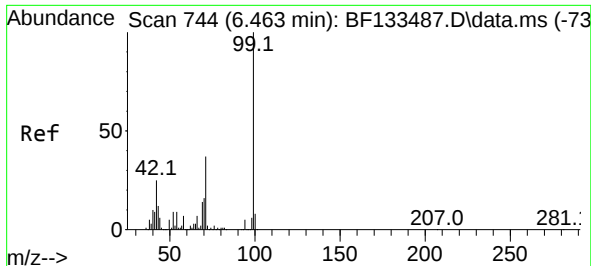
Tgt Ion:152 Resp: 135517
Ion Ratio Lower Upper
152 100
150 162.7 124.9 187.3
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 55.626 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:112 Resp: 451806
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 33.0 27.5 41.3

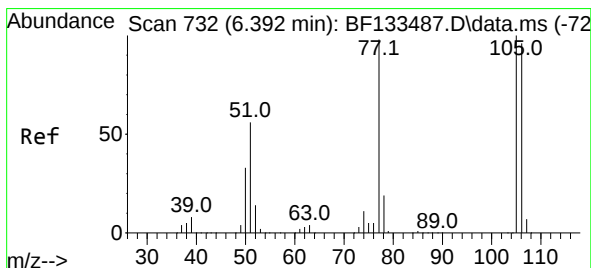
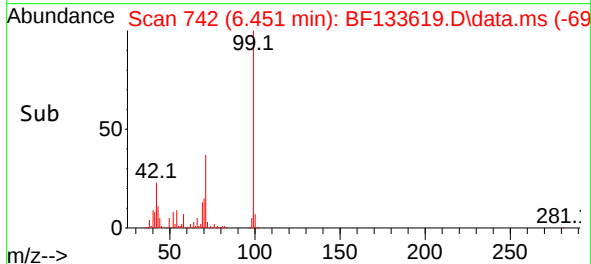
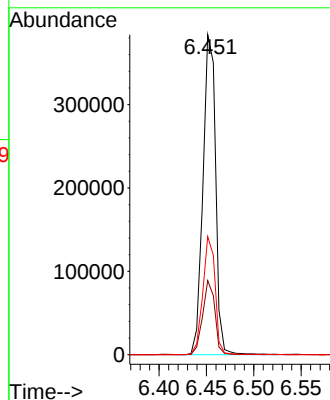
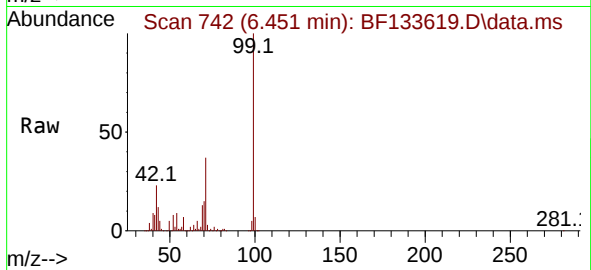




#7
Phenol-d6
Concen: 35.634 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

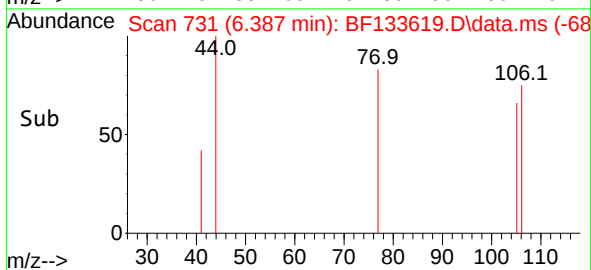
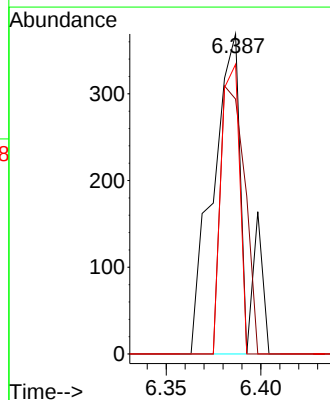
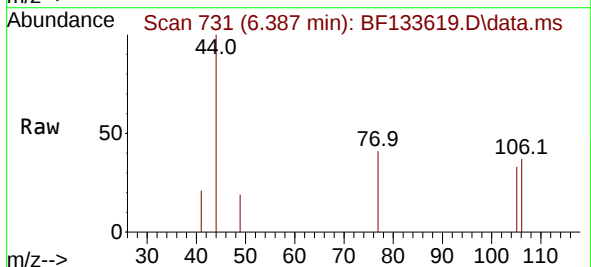
Instrument :
BNA_F
ClientSampleId :
MW-48

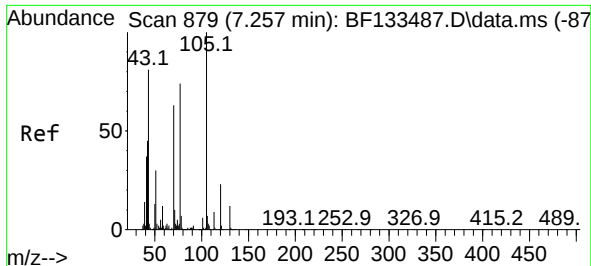
Tgt Ion: 99 Resp: 356293
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.9 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion: 77 Resp: 419
Ion Ratio Lower Upper
77 100
105 79.7 81.9 121.9#
106 90.5 77.8 117.8

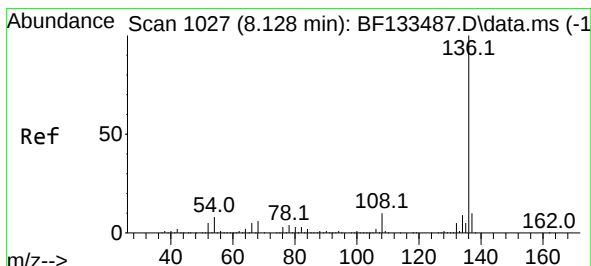
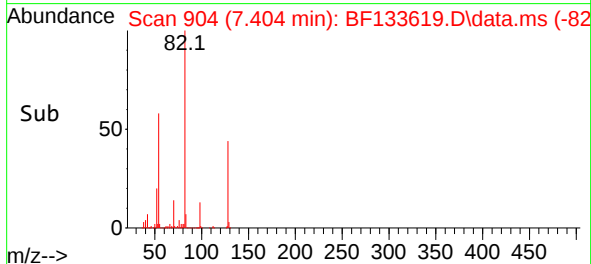
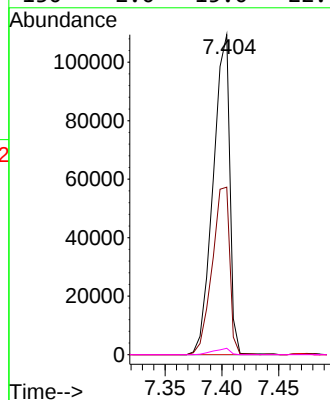
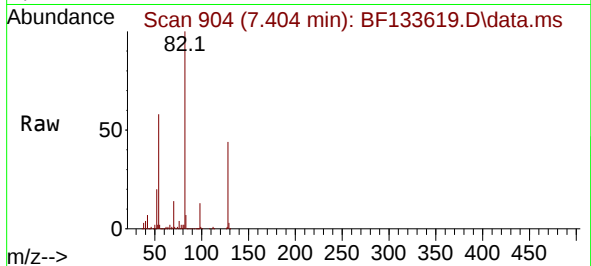




#19
n-Nitroso-di-n-propylamine
Concen: 17.224 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

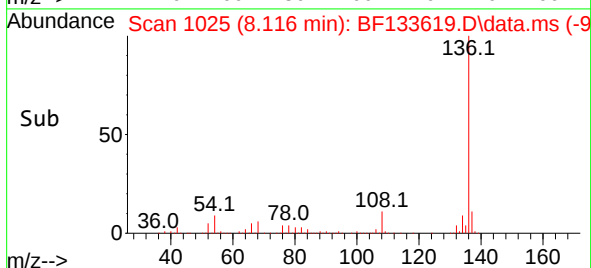
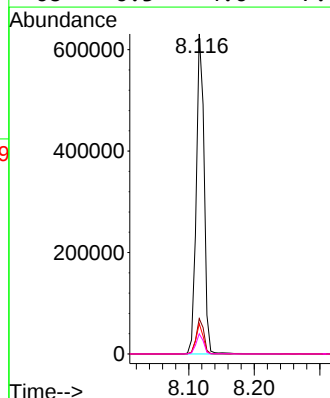
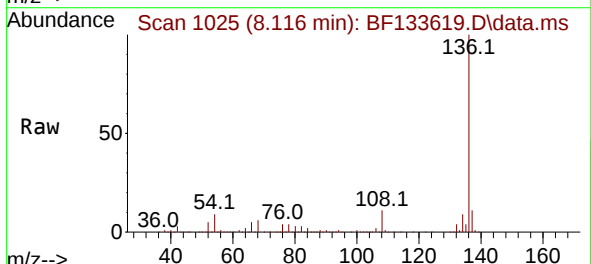
Instrument :
BNA_F
ClientSampleId :
MW-48

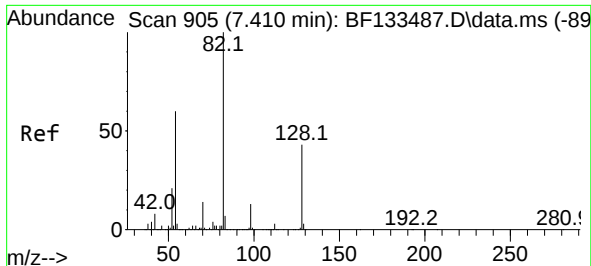
Tgt Ion: 70 Resp: 111427
Ion Ratio Lower Upper
70 100
42 52.4 57.2 85.8#
101 0.0 7.3 10.9#
130 2.0 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion: 136 Resp: 524090
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.5 6.6 10.0
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 101.260 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Instrument :

BNA_F

ClientSampleId :

MW-48

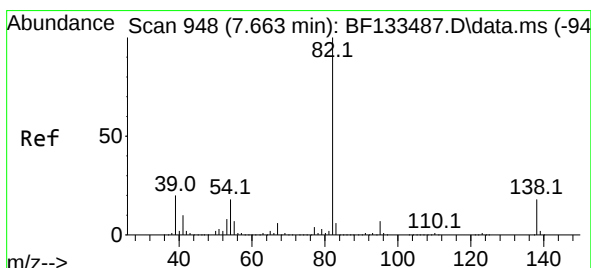
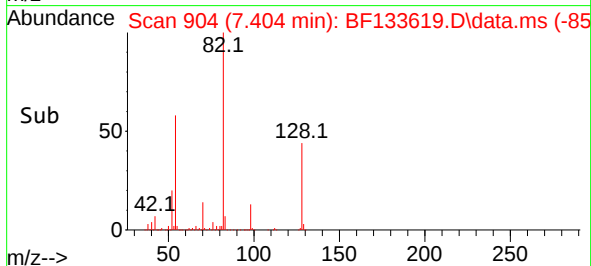
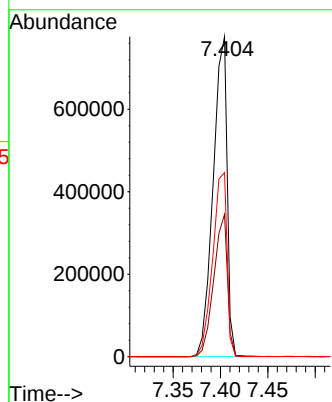
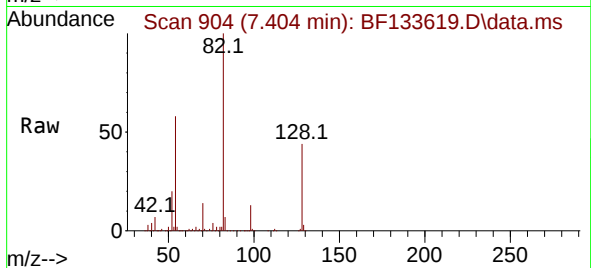
Tgt Ion: 82 Resp: 794823

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.4

54 57.5 48.2 72.4



#25

Isophorone

Concen: 43.343 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.259 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

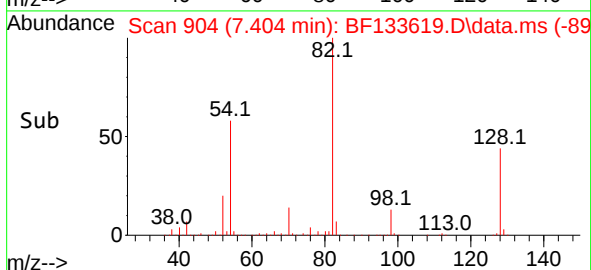
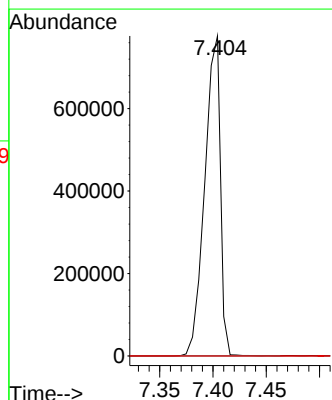
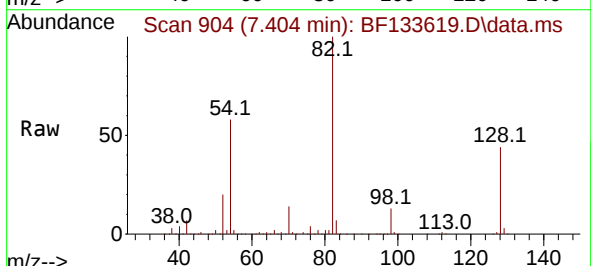
Tgt Ion: 82 Resp: 792899

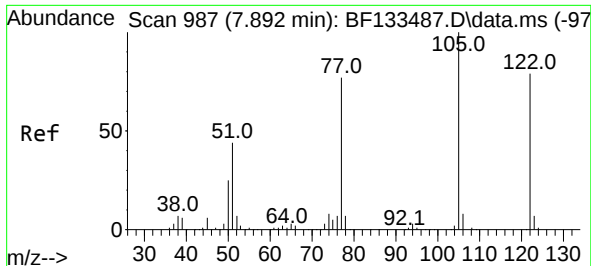
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

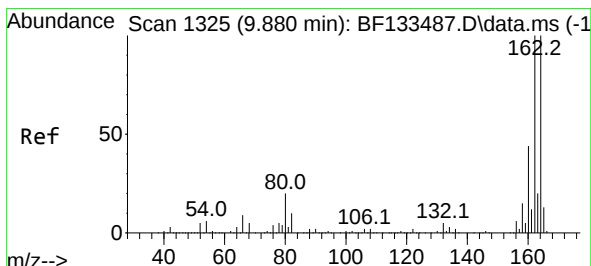
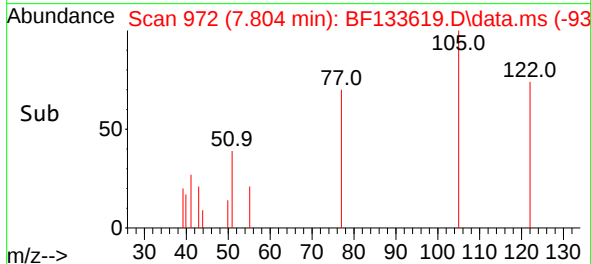
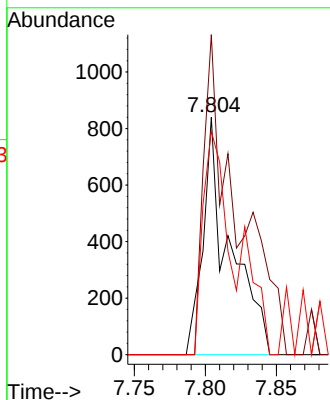
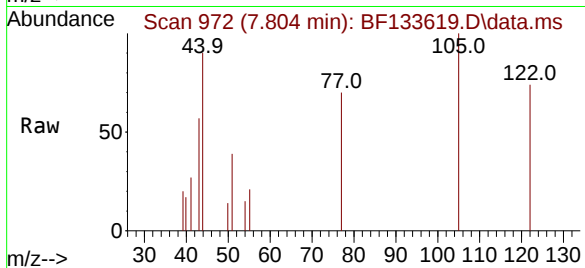




#32
Benzoic acid
Concen: 7.531 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.082 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

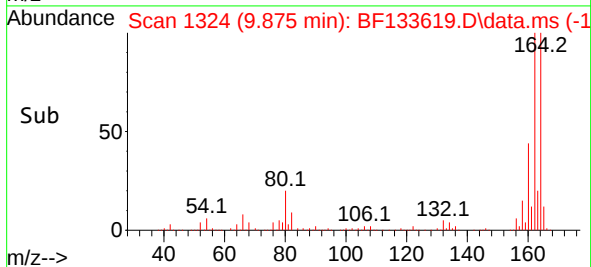
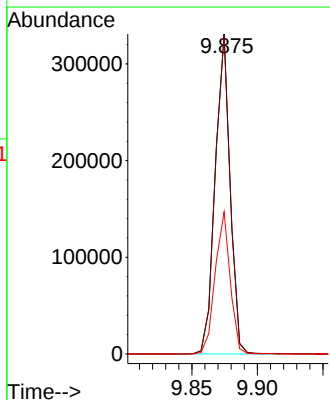
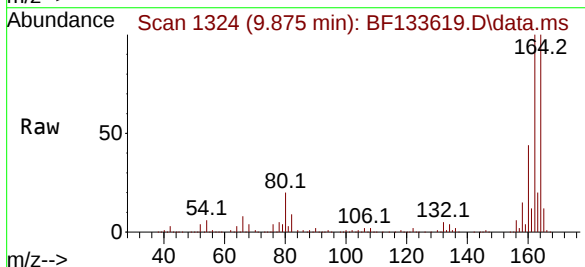
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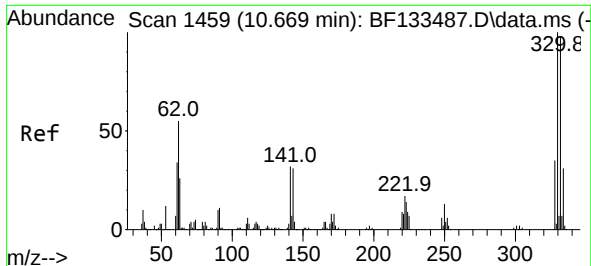
Tgt Ion:	122	Resp:	1099
Ion	Ratio	Lower	Upper
122	100		
105	134.8	103.3	143.3
77	94.0	75.7	115.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:	164	Resp:	259782
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.7	119.5
160	44.4	35.4	53.0

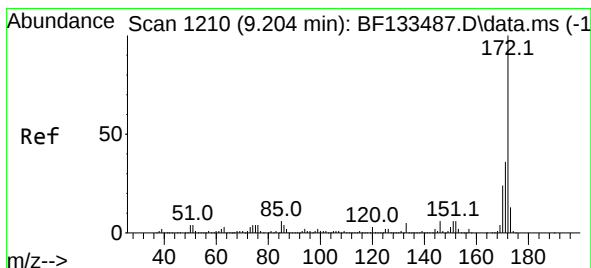
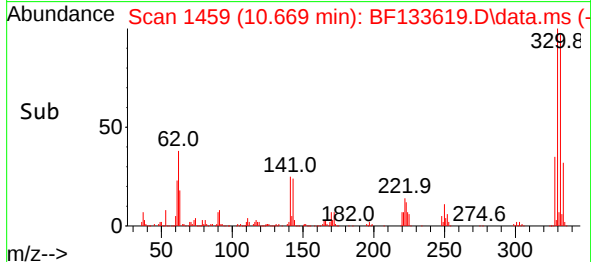
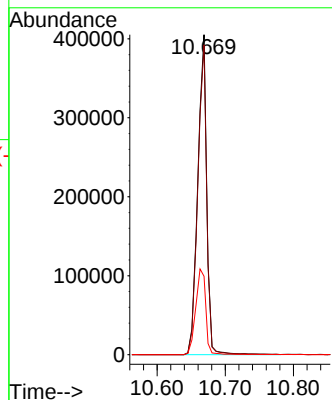
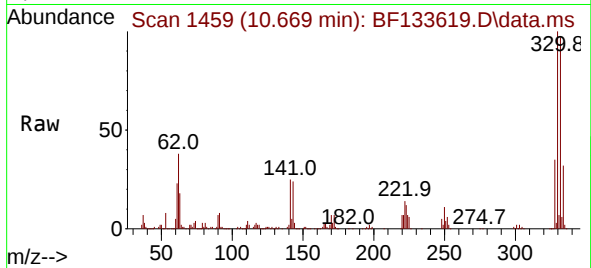




#42
2,4,6-Tribromophenol
Concen: 142.868 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

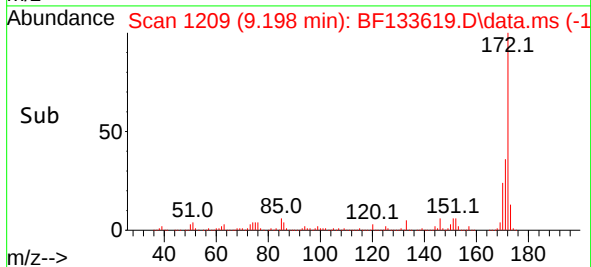
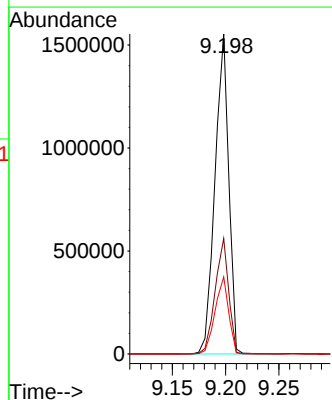
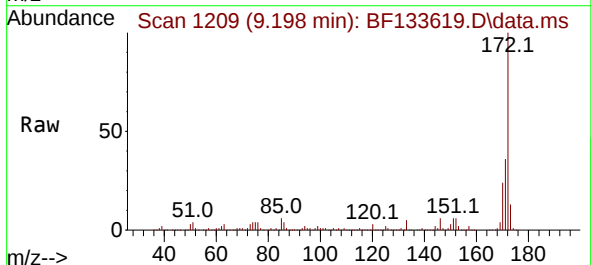
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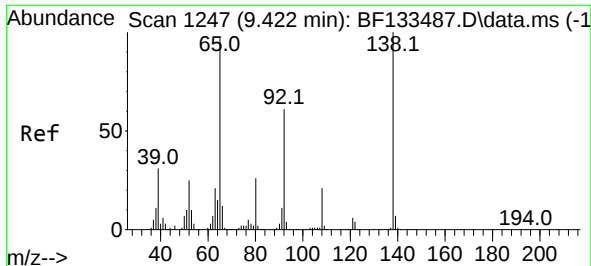
Tgt Ion:330 Resp: 369964
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 30.0 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 82.787 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:172 Resp: 1393422
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.3 28.9

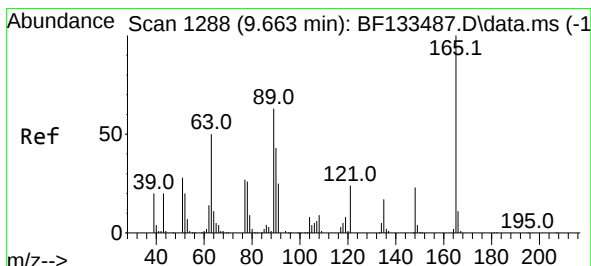
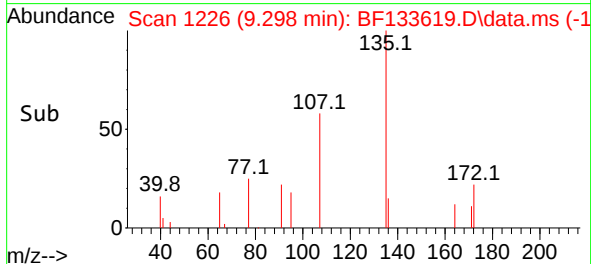
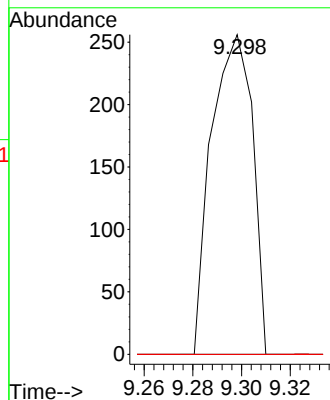
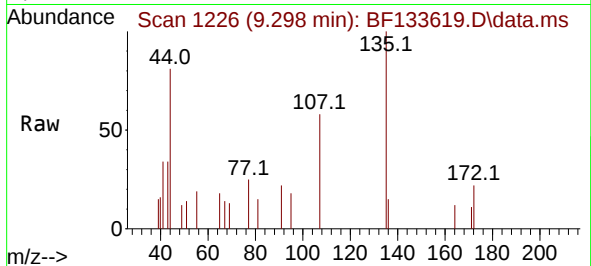




#48
2-Nitroaniline
Concen: 4.047 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.123 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

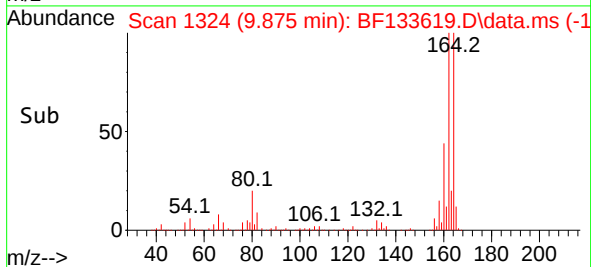
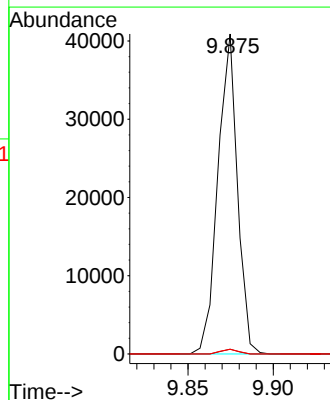
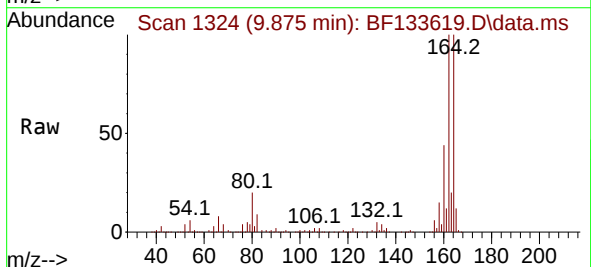
Instrument :
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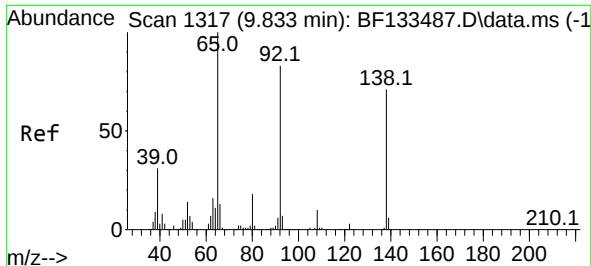
Tgt Ion: 65 Resp: 300
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 0.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.338 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion: 165 Resp: 32546
Ion Ratio Lower Upper
165 100
63 1.5 57.0 85.4#
89 1.5 50.8 76.2#





#53

3-Nitroaniline

Concen: 3.193 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.141 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Instrument :

BNA_F

ClientSampleId :

MW-48

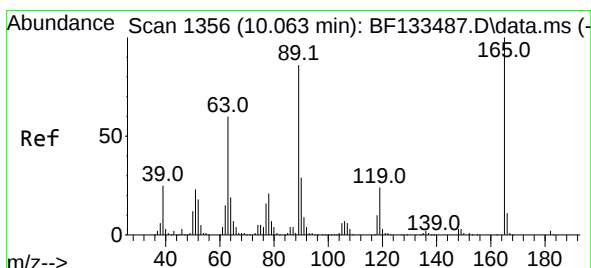
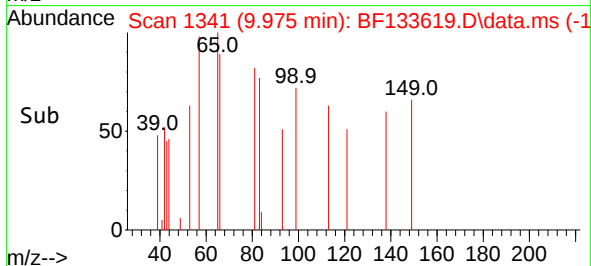
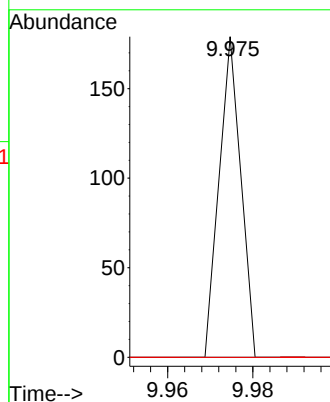
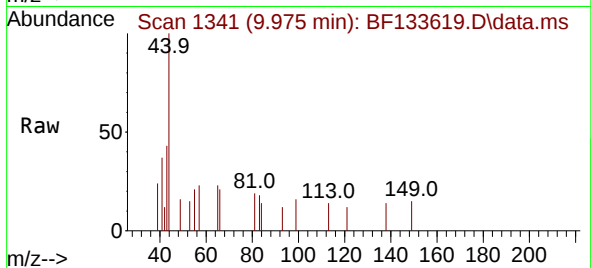
Tgt Ion:138 Resp: 63

Ion Ratio Lower Upper

138 100

108 0.0 11.9 17.9#

92 0.0 93.1 139.7#



#57

2,4-Dinitrotoluene

Concen: 11.553 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.194 min

Lab File: BF133619.D

Acq: 07 Jun 2023 12:09

Tgt Ion:165 Resp: 32546

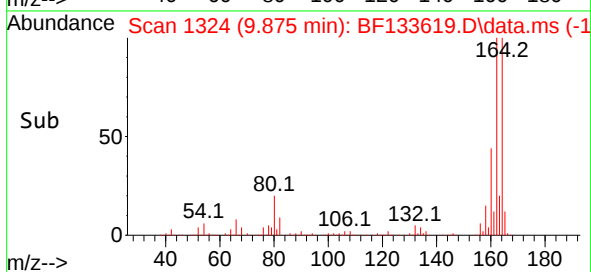
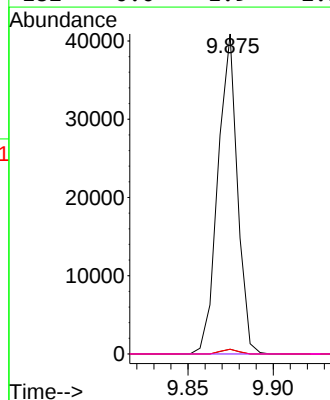
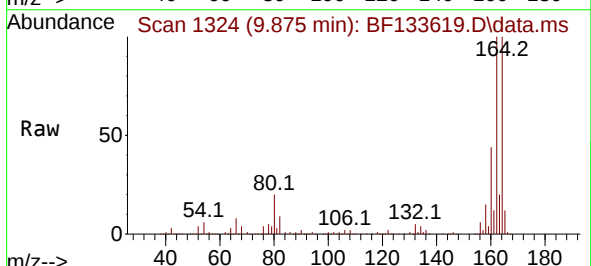
Ion Ratio Lower Upper

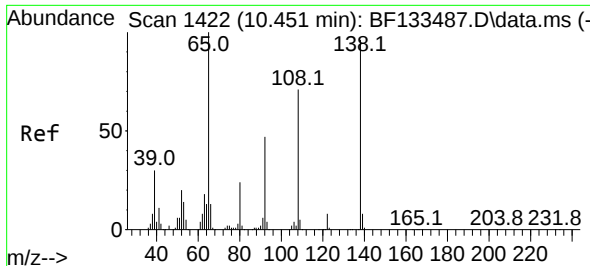
165 100

63 1.5 48.1 72.1#

89 1.5 68.4 102.6#

182 0.0 1.9 2.9#

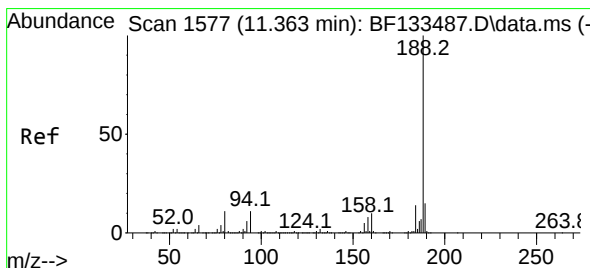
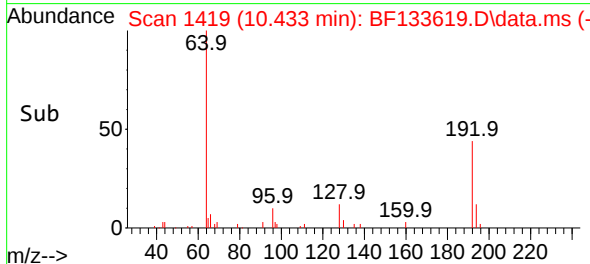
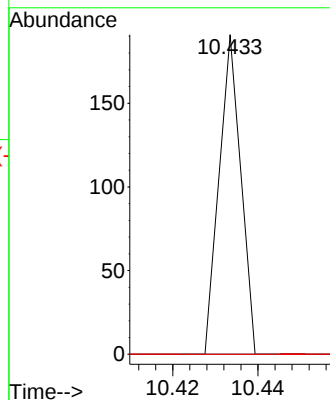
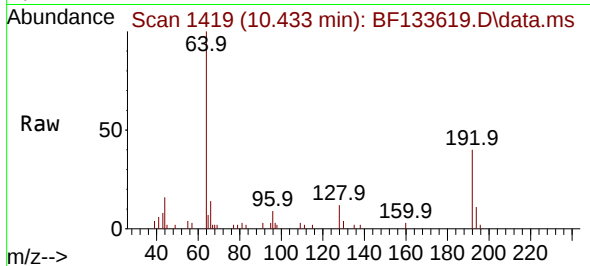




#62
4-Nitroaniline
Concen: 2.999 ng
RT: 10.433 min Scan# 1422
Delta R.T. -0.018 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

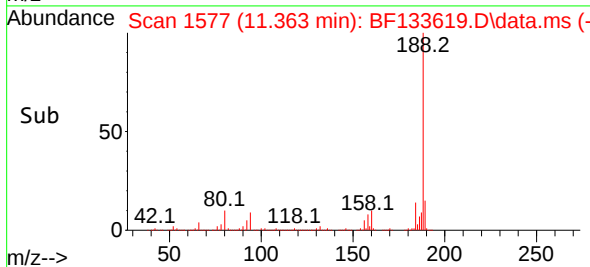
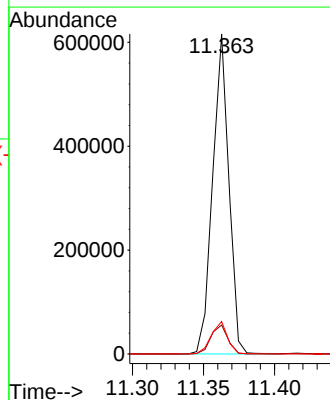
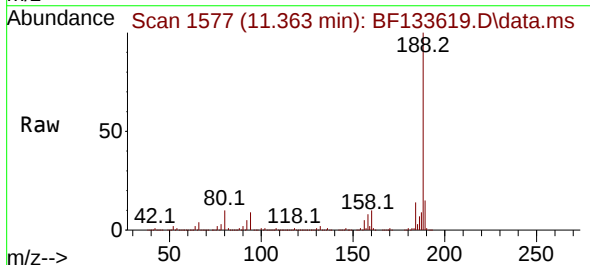
Instrument :
BNA_F
ClientSampleId :
MW-48

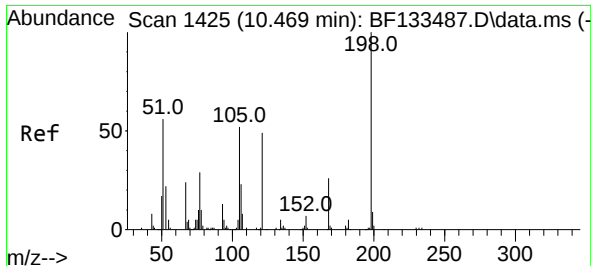
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:188 Resp: 487466
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 10.1 9.2 13.8

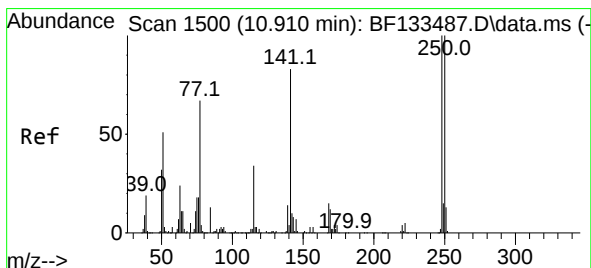
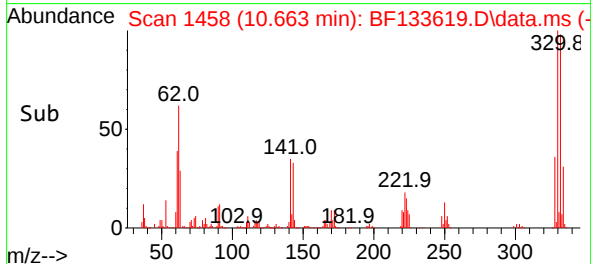
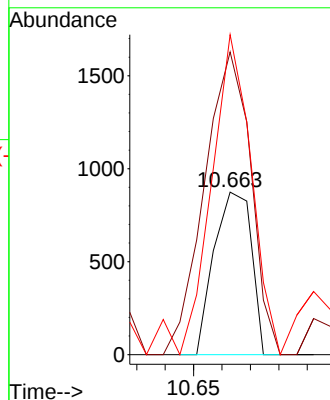
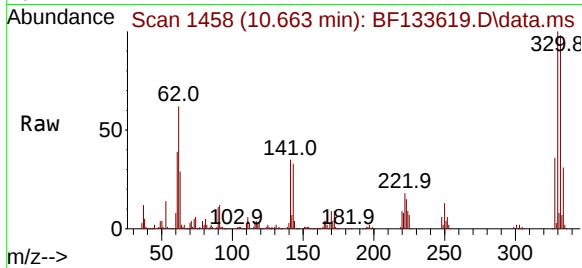




#65
4,6-Dinitro-2-methylphenol
Concen: 9.039 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.182 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

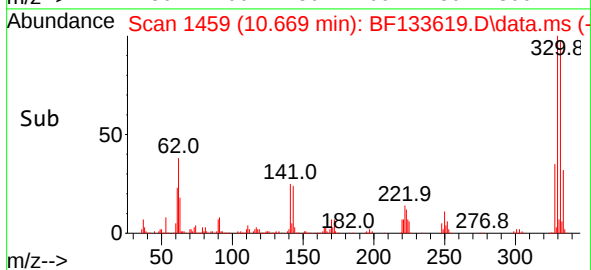
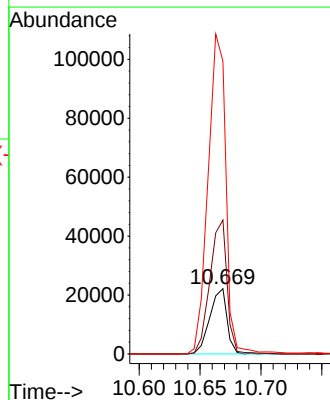
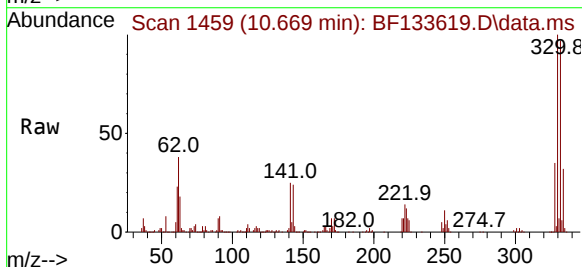
Instrument :
BNA_F
ClientSampleId :
MW-48

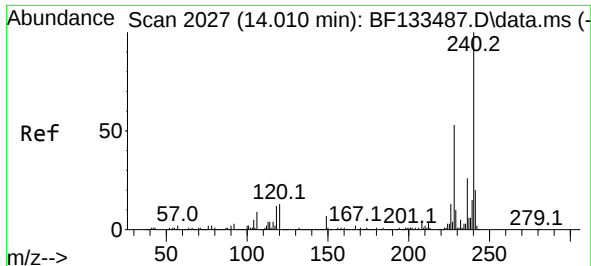
Tgt Ion:198 Resp: 797
Ion Ratio Lower Upper
198 100
51 186.3 53.6 93.6#
105 196.9 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 4.214 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Tgt Ion:248 Resp: 21818
Ion Ratio Lower Upper
248 100
250 205.1 79.7 119.5#
141 448.3 66.6 100.0#

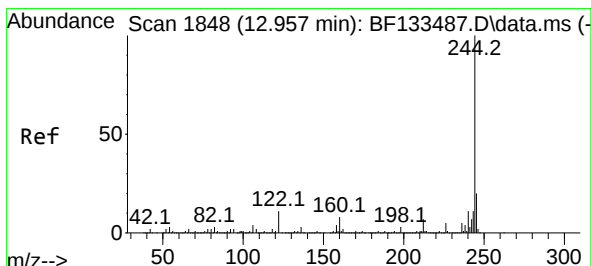
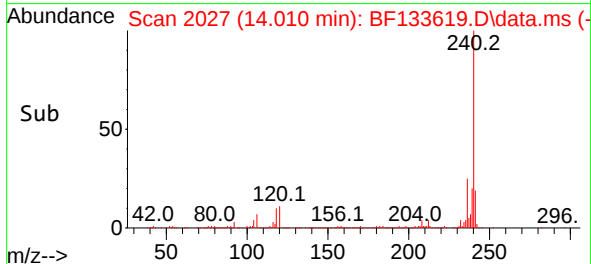
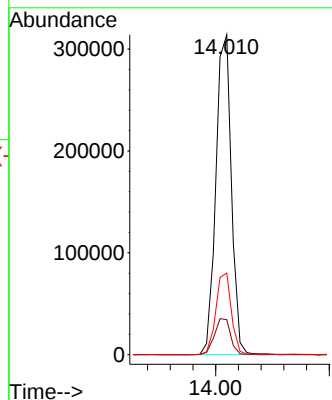
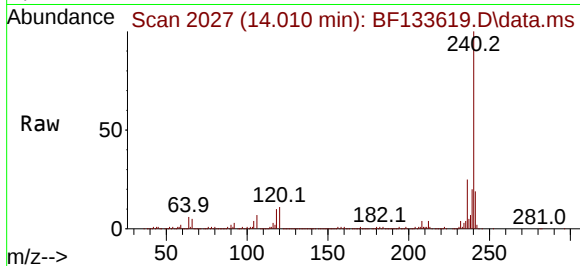




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

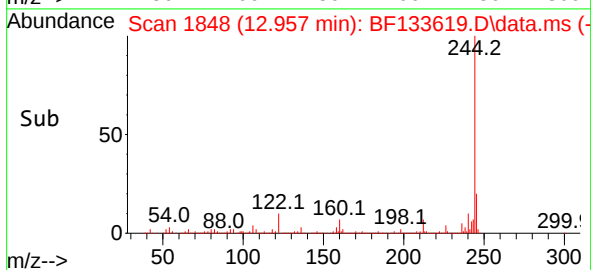
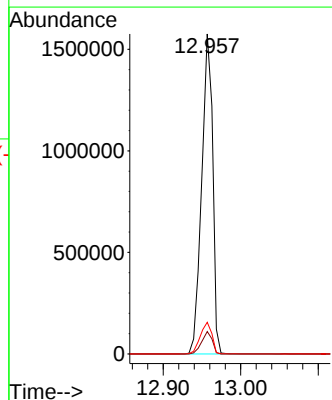
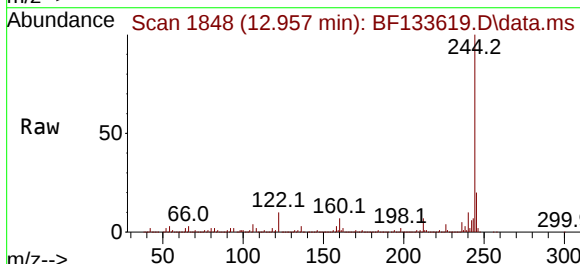
Instrument :
BNA_F
ClientSampleId :
MW-48

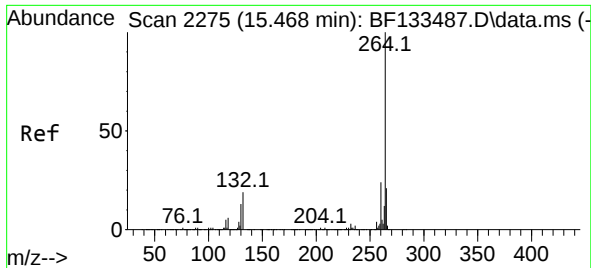
Tgt Ion:240 Resp: 297783
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 92.792 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

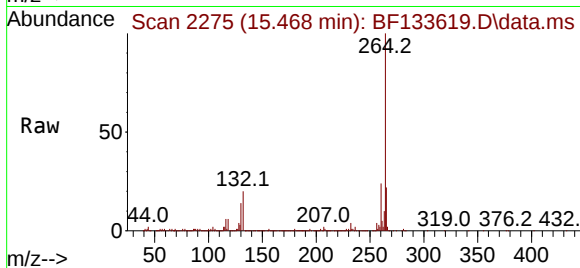
Tgt Ion:244 Resp: 1554118
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.9 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133619.D
Acq: 07 Jun 2023 12:09

Instrument :
BNA_F
ClientSampleId :
MW-48



Tgt Ion:264 Resp: 271281

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	16.8	25.2

